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1956

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UNITED STATES  
GOVERNMENT PRINTING OFFICE  
WASHINGTON : 1957



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 Ackermann, Franz, to Ciba Ltd. Derivatives of 4:4'-diaminostilbenedisulfonic acid (2:2') and process of making same. 2,763,650, 9-18-56, Cl. 260-249.6.  
 Ackermann, Hans: *See*—  
   Schetty, Guido, and Ackermann. 2,730,521.  
 Ackermann, Joseph A., to The Elwell Parker Electric Co. Die handling industrial lift truck. 2,756,885, 7-31-56, Cl. 214-514.  
 Ackermann, Paul: *See*—  
   Kübel, Herbert, and Ackermann. 2,775,607.  
 Ackerson, Edwin I.: *See*—  
   Dahquist, Oscar E., and Ackerson. 2,774,151.  
 Ackert, George F., and R. A. Peterson. Process for extraction of sulfur from sulfur ores. 2,731,332, 1-17-56, Cl. 23-308.  
 Ackley, Virgil E. Doughnut cooking machine. 2,767,641, 10-23-56, Cl. 99-406.  
 Ackney, Amos: *See*—  
   Schwartz, Joseph, and Ackley. 2,740,331.  
 Ackroyd, Norvik, and S. A. Lamb, to Imperial Chemical Industries Ltd. Production of colorless oxo-alcohol plasticizer esters. 2,752,386, 6-26-56, Cl. 260-475.  
 Acme Coppersmithing and Machine Co.: *See*—  
   Epstein, Joshua. 2,753,048.  
 Acme Highway Products Corp.: *See*—  
   Brickman, Alan E. 2,743,652.  
 Acme Homes Metal Works, Inc.: *See*—  
   Duncan, William A. 2,731,317.  
   Duncan, William A. 2,766,959.  
   Duncan, William A. 2,771,616.  
 Acme Industrial Co.: *See*—  
   Breit, Heinz B. 2,758,383.  
   Newton, Alwin B. 2,739,438.  
   Newton, Alwin B. 2,763,995.  
 Acme Precision Products, Inc.: *See*—  
   Snow, John E. 2,770,431.  
 Acme Protection Equipment Co.: *See*—  
   Glidden, Galen M. 2,737,659.  
 Acme Shear Co., The: *See*—  
   Sejman, Edmund L., and Lorenzo. 2,741,843.  
   Sejman, Edmund L., and Lorenzo. 2,741,844.  
 Acme Steel Co.: *See*—  
   Gregory, Ivan H. 2,752,807.  
   MacChesney, Chester M. 2,743,631.  
   MacChesney, Chester M. 2,753,936.  
   MacChesney, Chester M. 2,759,233.  
 Acme Visible Records, Inc.: *See*—  
   Cassady, Walter G., and Perkins. 2,732,822.  
   Deleijn, Victor E. 2,762,673.  
   King, Oliver K. 2,752,707.  
   Reed, Walden E. 2,752,706.  
 Aco Inc.: *See*—  
   Ducheneau, Herve R., and Carling. 2,735,688.  
 Acomb, Byron H., to Union Carbide and Carbon Corp. Air-oxygen mixing apparatus for hospitals. 2,767,727, 10-23-56, Cl. 137-111.  
 Acomb, Byron H., to Union Carbide and Carbon Corp. Regulator for oxygen and other gases. 2,768,643, 10-30-56, Cl. 137-105.42.  
 Acorn Iron and Wire Works: *See*—  
   Kitzelman, Edward H. 2,749,164.  
 Acoustic Research, Inc.: *See*—  
   Villehur, Edgar M. 2,775,309.  
 Acra Electric Corp.: *See*—  
   Brown, Donald W. 2,754,406.  
 Acrometal Products, Inc.: *See*—  
   Bieber, Frederick J. 2,751,675.  
   Bieber, Frederick J., and Steinback. 2,753,622.  
 Acroy (Engineers) Ltd.: *See*—  
   Elliot, John. 2,729,252.  
 Acterman, Joseph S., D. L. Freebairn, Jr., and B. J. Sherwood, to North American Aviation, Inc. Instrument bearing. 2,752,209, 6-26-56, Cl. 308-172.  
 Actiengesellschaft Joh. Jacob Pieter & Cie.: *See*—  
   Jakob, 2,739,761.  
   Hoffmann, Walter. 2,732,683.  
   Stähli, Gustav. 2,749,698.  
 Acton, Foster S. Kick-off mechanism for sawing machine. 2,742,935, 4-24-56, Cl. 143-157.  
 Acton, Jack C., and B. Zeissler, to General Electric Co. Means for reinforcing random wound coils. 2,749,460, 6-5-56, Cl. 310-260.  
 Acton, Jack C., and A. B. Zeissler, to General Electric Co. Webbing of rotor bar extensions. 2,774,900, 12-18-56, Cl. 310-270.  
 Acton Laboratories, Inc.: *See*—  
   Burgess, Lauren M. 2,748,230.  
   Forrest, John W. 2,751,788.  
   Forrest, John W. 2,757,059.  
   Graustein, Walter W., Jr. 2,757,338.  
   Pihl, George E. 2,757,245.  
   Pihl, George E. 2,763,830.  
 Acton, Len: *See*—  
   Mann, Grover C., and Acton. 2,752,645.  
 Acton, Russell D. Hydraulic steering mechanism for tractors. 2,742,929, 7-24-56, Cl. 60-52.  
 Adachi, Kazuma. Clutch installation for prevention of noises. 2,751,766, 6-26-56, Cl. 64-27.  
 Adair, Robert V., E. D. Dammert, and E. C. Van Beers, to The Gleason Works. Method and apparatus for roll quenching and straightening cylindrical elongated workpieces. 2,748,038, 5-29-56, Cl. 143-124.  
 Adam, Donald T. Marine hoist. 2,761,571, 9-4-56, Cl. 214-15.  
 Adam, Frank, to Frank Adam Electric Co. Wire duct. 2,762,398, 6-11-56, Cl. 138-75.  
 Adam, Frank, Electric Co.: *See*—  
   Adam, Frank. 2,762,398.  
   Adam, Frederick B. 2,749,385.  
   Stieglitz, Henry M. 2,757,032.  
   Stieglitz, Henry M. 2,757,245.  
 Adam, Frederick B., to Frank Adam Electric Co. Busduct. 2,749,385, 6-5-56, Cl. 174-99.  
 Adam, Ludwig, R. Haackel, and A. Schanz, to Kleinschmolin-Pumpen Aktiengesellschaft. Core and shell for electromotors. 2,761,984, 9-4-56, Cl. 310-64.  
 Adam, Paul. Rail-to-machine balanced armature reaction. 2,736,831, 2-28-56, Cl. 310-268.  
 Adamec, Gilbert: *See*—  
   Layton, Mary E., and Adamec. 2,751,840.  
   Yost, Oscar A., and Adamec. 2,750,769.  
 Adamec, John B.: *See*—  
   Goetzl, Claus G., and Adamec. 2,752,666.  
   Goetzl, Claus G., and Adamec. 2,753,261.  
 Adams, Albert: *See*—  
   Wrege, Edgar E., and Adams. 2,733,809.  
 Adams, Archie D.: *See*—  
   Kleiss, Louis D., and Adams. 2,767,232.  
 Adams, Cecil E.: *See*—  
   Bonnette, Leroy E., and Adams. 2,737,899.  
   Neff, Darby B., and Adams. 2,737,928.  
 Adams, Cecil E., to The Denison Engineering Co. Pilot control mechanism for hydraulic apparatus. 2,737,929, 3-13-56, Cl. 121-39.  
 Adams, Cecil E., and E. H. Born, to The Denison Engineering Co. Pressure reducing valve. 2,747,006, 5-29-56, Cl. 137-489.5.  
 Adams, Cecil E., and J. R. English, to The Denison Engineering Co. Vane type pump. 2,762,312, 9-11-56, Cl. 103-136.  
 Adams, Cecil E., and R. Smilges, to The Denison Engineering Co. Servo control mechanism for hydraulic apparatus. 2,762,342, 9-11-56, Cl. 121-46.5.



- Adams, Charles A. Impeller for impact crusher. 2,752,098, 6-26-56, Cl. 241-197.
- Adams, Charles, Jr. Pipe hanger. 2,762,592, 9-11-56, Cl. 248-59.
- Adams, Charles R.: *See*—
- Hyatt, David H., Sigmon, and Adams. 2,752,122.
- Adams, Charles W. Fish stringer. 2,734,671, 2-14-56, Cl. 224-7.
- Adams, Chelsie I. Work guide attachment for forming invisible stitches. 2,736,283, 2-28-56, Cl. 112-140.
- Adams, Clark E.: *See*—
- Kimberlin, Charles N., Jr., and Adams. 2,768,127.
- Kimberlin, Charles N., Jr., Krebs, and Adams. 2,737,474.
- Adams, Clark E., to Esso Research and Engineering Co. Cracking of heavy hydrocarbons with inert solids. 2,756,195, 7-24-56, Cl. 196-55.
- Adams, Clark E., to Esso Research and Engineering Co. Process and apparatus for retorting oil shale. 2,764,531, 9-25-56, Cl. 202-14.
- Adams, Clark E., R. W. Krebs, and C. N. Kimberlin, Jr., to Esso Research and Engineering Co. Conversion of heavy hydrocarbon oils. 2,731,394, 1-17-56, Cl. 196-49.
- Adams, Clark E., and C. N. Kimberlin, Jr., to Esso Research and Engineering Co. Upgrading of heavy hydrocarbonaceous residues. 2,763,600, 9-18-56, Cl. 196-52.
- Adams, Claude W., and W. O. Warren, to The Dentists' Supply Co. of New York. Tooth size and form indicator. 2,752,689, 7-3-56, Cl. 33-174.
- Adams, Claude W., and J. E. Watson, to The Dentists' Supply Co. of New York. Artificial teeth selection rim. 2,760,269, 8-28-56, Cl. 32-7.
- Adams, Clifford C. Eliminating static electric shock from automobile seat covers. 2,751,523, 6-19-56, Cl. 317-2.
- Adams, Daniel M., to General Motors Corp. Simulated wire wheel. 2,751,256, 6-19-56, Cl. 301-37.
- Adams, David H. Point roller for woven wire fences, etc. 2,735,128, 2-21-56, Cl. 15-230.
- Adams, Donald B.: *See*—
- Jones, Richard S. 2,736,391.
- Jones, Richard S. 2,766,846.
- Adams, E. A., and Son, Inc. 2,764,881.
- Adams, Frank R. Polarized self-neutralizing servomotor. 2,771,572, 11-20-56, Cl. 317-172.
- Adams, Frederic H.: *See*—
- Hardy, William B., and Adams. 2,766,226.
- Hardy, William B., and Adams. 2,766,227.
- Hardy, William B., and Adams. 2,766,228.
- Hardy, William B., and Adams. 2,766,229.
- Adams, Frederick G., and W. E. Marshall, to Minneapolis-Honeywell Regulator Co. Control apparatus. 2,763,750, 9-18-56, Cl. 20-122.
- Adams, George F., to Universal Oil Products Co. Means for separating a mixed gaseous feed stream. 2,742,103, 4-17-56, Cl. 183-2.
- Adams, Grant C.: *See*—
- Cutler, Stanley, and Adams. 2,738,758.
- Adams, Grover E. Load handling attachment for industrial lift trucks. 2,757,813, 8-7-56, Cl. 214-634.
- Adams, Harold A., to Colored Television Co. Colored television system. 2,769,027, 10-30-56, Cl. 178-54.
- Adams, Harold K. Engraving instrument used in map making. 2,735,177, 2-21-56, Cl. 30-164.9.
- Adams, Harold K. Engraving instrument used in map making. 2,735,178, 2-21-56, Cl. 30-164.9.
- Adams, Harry M., to the United States of America as represented by the Secretary of the Navy. Article dryer. 2,742,711, 4-24-56, Cl. 34-147.
- Adams, Harry M., to the United States of America as represented by the Secretary of the Navy. Article transfer mechanism. 2,761,541, 9-4-56, Cl. 198-25.
- Adams, Harvey D., J. E. Geasland, and E. L. Montague, to Douglas Aircraft Co., Inc. Automatic wire marking machine. 2,751,750, 1-24-56, Cl. 41-1.
- Adams, Henry W., Jr. Device for testing or measuring capacitance or inductance. 2,741,741, 4-10-56, Cl. 324-59.
- Adams, Howard E.: *See*—
- McClellan, Marcus E., Skromme, Sutherland, Adams, and Griffin. 2,746,233.
- Adams, James E., Jr., to Raybestos-Manhattan, Inc. Power transmission belt. 2,746,308, 5-22-56, Cl. 74-233.
- Adams, James, Jr., and G. Marton, Jr., to Raybestos-Manhattan, Inc. Hog scraper paddle. 2,758,334, 8-14-56, Cl. 15-18.
- Adams, James, Jr., G. R. Lederer, and G. Marton, Jr., to Raybestos-Manhattan, Inc. Belt construction including a pleated fabric component. 2,766,159, 10-9-56, Cl. 154-52.1.
- Adams, James R. Multiple receptacle for fishing tackle. 2,744,353, 5-8-56, Cl. 43-54.3.
- Adams, John P., to International Telephone and Telegraph Corp. Shield for microstrip circuits. 2,754,484, 7-10-56, Cl. 333-99.
- Adams, John R.: *See*—
- Reason, Richard E., Adams, and Coleman. 2,741,153.
- Adams, Kenneth C.: *See*—
- Kamukin, Igor, and Adams. 2,756,000.
- Adams, Lloyd M., to Titan Chain Saws, Inc. Chain tightener for powered chain saw. 2,767,746, 10-23-56, Cl. 143-32.
- Adams, Loyd, to Calaveras Growers of California. Box unstacker. 2,769,570, 11-6-56, Cl. 221-225.
- Adams, Madonna R.: *See*—
- Shirmeyer, Maxine R., and Adams. 2,771,081.
- Adams-Millis Corp.: *See*—
- Bell, Henry G. 2,762,215.
- Adams, Moez A., 1/2 to J. F. Burdett. Sand pump for oil and water wells. 2,729,171, 1-3-56, Cl. 103-204.
- Adams, Moez A., 1/2 to C. V. Radke. Well screen. 2,729,294, 1-3-56, Cl. 166-231.
- Adams, Nicholas M. Film-forming compositions. 2,739,128, 2-20-56, Cl. 282-49.6.
- Adams, Oliver F.: *See*—
- Adams, Omar L. and O. F. 2,764,215.
- Adams, Omar L. and O. F. Wheel straightening attachment. 2,764,215, 9-25-56, Cl. 153-48.
- Adams, Orlando P., and W. O. Clineinst, to United States Steel Corp. Method of heat treating metallic pipes. 2,748,039, 5-29-56, Cl. 148-12.4.
- Adams, Paul L. Valve float and coupling therefor. 2,747,605, 5-29-56, Cl. 137-452.
- Adams, Paul L., W. A. Norman, and C. K. Sitterly, to Carr, Adams & Collier Co. Double hung window sash. 2,732,594, 1-31-56, Cl. 20-52.
- Adams, Paul R., and S. B. Pickles, to International Telephone and Telegraph Corp. Omnidirectional beacon system. 2,753,554, 7-3-56, Cl. 343-106.
- Adams, Pierrepoint: *See*—
- Millions, Jerry P., and Adams. 2,734,083.
- Adams, Richard E. Produce bag. 2,756,922, 7-31-56, Cl. 229-65.
- Adams, Richard F., to Olin Mathieson Chemical Corp. Process for making hollow metal articles having passageways. 2,766,514, 10-16-56, Cl. 29-157.3.
- Adams, Richard F., and M. W. Randle, to Olin Mathieson Chemical Corp. Heat exchanger assembly. 2,766,019, 10-9-56, Cl. 257-256.
- Adams Rite Mfg. Co.: *See*—
- Collar, Frank R. 2,736,185.
- Adams, Robert T., to International Telephone and Telegraph Corp. Phase comparator. 2,758,278, 8-7-56, Cl. 324-87.
- Adams, Robert T., J. C. Butler, and C. D. Heaton, to California Research Corp. Removal of salts from acetone-phenol. 2,734,085, 2-7-56, Cl. 260-593.
- Adams, Robert T., J. C. Butler, and C. D. Heaton, to California Research Corp. Recovery of acetone and phenol from cumene hydroperoxide decomposition product. 2,737,480, 3-6-56, Cl. 202-39.
- Adams, Robert T., and J. A. Wagner, to Western Electric Co., Inc. Apparatus for engaging articles moving on a rotating drum. 2,764,237, 9-25-56, Cl. 164-48.
- Adams, Simpson J. Stop motion devices. 2,754,653, 7-17-56, Cl. 57-81.
- Adams, Stanley A., to Standard Coil Products Co. Inc. Rod antenna. 2,740,114, 3-27-56, Cl. 343-788.
- Adams, Sumner W., to A. A. Sanborn. Belt-supported pistol. 2,740,114, 3-27-56, Cl. 343-788.
- Adams, William H., to Northrop Aircraft, Inc. Temperature measuring device. 2,749,753, 6-12-56, Cl. 73-362.
- Adams, William J.: *See*—
- Albright, John C. 2,736,604.
- Fryer, Edward B., and Adams. 2,773,320.
- Adams, William J., to General Motors Corp. Tapered cutting edge for digging and carrying scraper and associated apron. 2,729,001, 1-3-56, Cl. 37-141.
- Adams, William J., to General Motors Corp. Apron for digging and carrying scraper and actuating mechanism therefor. 2,729,002, 9-25-56, Cl. 37-126.
- Adams, William J., Jr., to Food Machinery and Chemical Corp. Rotary snow plow. 2,768,453, 10-30-56, Cl. 37-43.
- Adams, William L., to Industrial Teetronics, Inc. Ball tip gauge assembly. 2,767,478, 10-23-56, Cl. 33-178.
- Adams, William S., and W. Brewer, to Sonoco Products Co. Spinning cot. 2,755,516, 7-24-56, Cl. 19-143.
- Adams, William S., and B. R. Whaley, to Sonoco Products Co. Clearer roll construction for textile machines and the like. 2,765,496, 10-9-56, Cl. 19-140.
- Adamson, Norman: *See*—
- Franklin, Edward, and Adamson. 2,774,319.
- Adamson, William M., and G. B. Weldon. Core-lifting means for rotary drills. 2,747,841, 5-29-56, Cl. 255-72.
- Adcock, Paul K., Sr., and C. G. Schroeder. Mechanism for cutting moving work. 2,761,504, 9-4-56, Cl. 164-80.
- Adcock, Paul K., Sr., and W. C. Lake, to Stanolind Oil and Gas Co. Process for the production of carbon disulfide from hydrogen-sulfide containing gases. 2,767,058, 10-16-56, Cl. 23-206.
- Adcock, Willis A., and W. C. Lake, to Stanolind Oil and Gas Co. Carbon disulfide manufacture. 2,767,059, 10-16-56, Cl. 23-206.
- Addeco, Inc.: *See*—
- Brown, Joel B. 2,740,291.
- Addicks, Mentor C. Machine for conveying bulk material and control therefor. Re. 24,112, 1-24-56, Cl. 254-187.
- Addicks, Mentor C. Device for handling granular material. Re. 24,201, 8-28-56, Cl. 254-173.
- Addie, Albert N.: *See*—
- Johnson, Lauren L., Dilworth, and Addie. 2,745,050.
- Addink, Claudius C. J., to Hartford National Bank and Trust Co., trustee. Miniature temperature-responsive resistor. 2,740,031, 3-27-56, Cl. 201-63.
- Addison, Harry W., Jr. Liquid control valve. 2,738,807, 3-20-56, Cl. 13-633.
- Addison, Harry W., Jr. Condensate collector for toilet flush tanks. 2,766,440, 7-31-56, Cl. 4-252.

- Addison, Leslie M., to Esso Research and Engineering Co. Finishing treatment for activated carbon. 2,761,822, 9-4-56, Cl. 196-147.
- Address Mail Fast Systems, Inc.: See—
- Sauerman, Ernst C. 2,766,685.
- Addressograph-Multigraph Corp.: See—
- Brinnick, Frederic E., and Van Dusen. 2,773,779.
- Crink, Wilbur E., and Colyer. 2,758,538.
- Gollwitzer, Walter T. 2,732,793.
- Gollwitzer, Walter T. 2,759,253.
- Gollwitzer, Walter T. 2,763,733.
- Gollwitzer, Walter T. 2,765,849.
- Gollwitzer, Walter T. 2,766,827.
- Gollwitzer, Walter T., and Lease. 2,734,453.
- Griffes, Orin B. and M. W. 2,753,035.
- Gruver, John H. 2,731,951.
- Gruver, John H. 2,740,353.
- Gruver, John H., and Mitchell. 2,746,388.
- Hueber, Carl J., and Hampton. 2,739,533.
- Mitchell, Lester F. 2,730,948.
- Mitchell, Lester F. 2,730,949.
- Mitchell, Lester F., and Janke. 2,770,192.
- Thurmann, August W. M. 2,753,791.
- Van Dusen, Charles H., Jr. 2,732,796.
- Wagner, Robert L. 2,765,734.
- Ade, Fred O., and J. R. Hollingsworth. Rope starter mechanism. 2,742,887, 4-24-56, Cl. 123-185.
- Adams, George N. Process and apparatus for electronic visual nerve-tracing. 2,760,485, 9-28-56, Cl. 128-2.
- Adelman, John W., Jr.: See—
- Carr, Edward W., Daehler, Adelman, and Hansen. 2,753,889.
- Adelman, Milton, R. W. Burke, and R. Leibowitz. Photoemissive tube tester. 2,765,440, 10-2-56, Cl. 324-20.
- Adelman, Robert L., to E. I. du Pont de Nemours and Co. Polyvinyl chloride dissolved in mixtures of a cyclic ether and an amide. 2,758,104, 8-7-56, Cl. 260-30.4.
- Adels, John T. Adjustable beam connection for rolling disk coupler. 2,757,096, 8-7-56, Cl. 97-18.1.
- Adelson, David E., to Shell Development Co. Phosphorus and/or sulfur-containing reaction products of carbonyl compounds and polyamines. 2,760,957, 8-28-56, Cl. 260-132.
- Adelson, Samuel L., to Inflico Inc. Device for obtaining a controlled air pressure directly proportional to the sum of a plurality of pressures. 2,749,474, 5-22-56, Cl. 157-43.
- Adelson, Samuel L., to Inflico Inc. Electrolytic cell. 2,768,135, 10-23-56, Cl. 204-195.
- Adelson, Samuel L., to Inflico Inc. Malfunction indicating and recording system. 2,768,369, 10-23-56, Cl. 340-213.
- Adelt, Heinz E.: See—
- Adelmann, Wallace J., and Adelt. 2,749,595.
- Adelt, Joseph W., to United Parts Mfg. Co. Sealing boot. 2,749,757, 6-12-56, Cl. 74-18.2.
- Adey, Wilfred M.: See—
- Houdry, Eugene J., and Adey. 2,731,541.
- Adkins, Harlow D.: See—
- Shen, Yui N., and Adkins. 2,770,139.
- Adkins, Rickles N.: See—
- Morris, Gordon C., and Adkins. 2,741,057.
- Adkisson, Robert F. Bale regulator. 2,732,791, 1-31-56, Cl. 100-4.
- Adkisson, William M., to Minneapolis-Honeywell Regulator Co. Pulse type receiver circuits. 2,735,084, 2-14-56, Cl. 340-167.
- Adlaf, William J., to Boyar-Schultz Corp. Releasable screw threading tool holder. 2,764,767, 10-2-56, Cl. 10-89.
- Adlaf, William J., to Boyar-Schultz Corp. Lead screw tapping attachment having torque responsive feed nut. 2,770,821, 11-20-56, Cl. 10-135.
- Adlaco Co., The: See—
- Hagerty, Andrew T. 2,760,608.
- Hagerty, Andrew T. 2,760,609.
- Hagerty, Andrew T., and Elbert. 2,754,991.
- Hagerty, Andrew T., and Pressnall. 2,763,038.
- Adler, Adolf E., to Modern Telephones (Great Britain) Ltd. Intercommunication telephone systems. 2,764,632, 9-25-56, Cl. 179-1.
- Adler, Adolf E., to Modern Telephones (Great Britain) Ltd. Telephone systems. 2,764,637, 9-25-56, Cl. 179-40.
- Adler, Alfons. Play block. 2,765,581, 10-9-56, Cl. 46-26.
- Adler, Clarence E.: See—
- Simonds, Clarence S., and Adler. 2,759,672.
- Adler, Franklin P., to Pullman-Standard Car Mfg. Co. Box car side sill construction. 2,763,269, 2-28-56, Cl. 105-414.
- Adler, Franklin P., to Pullman-Standard Car Mfg. Co. Lading band anchor arrangement. 2,759,482, 8-21-56, Cl. 105-369.
- Adler, Franklin P., to Pullman-Standard Car Mfg. Co. Lading band anchor. 2,763,219, 9-18-56, Cl. 105-369.
- Adlaf, Franklin P., to Pullman-Standard Car Mfg. Co. Lading tie-down for freight vehicles. 2,765,754, 10-9-56, Cl. 105-369.
- Adler, Harold D., to the United States of America as represented by the Secretary of the Air Force. Mechanical indicator and signal unit. 2,733,429, 1-31-56, Cl. 340-345.
- Adler, Herman G., to Novi Equipment Co. Hydraulic governor and pressure regulating valve structure. 2,733,690, 2-7-56, Cl. 121-43.
- Adler, Herman G., to Novi Equipment Co. Centrifugal governor with hydraulic booster. 2,745,384, 5-15-56, Cl. 121-43.
- Adler, Jason A.: See—
- Marshall, Neil A., and Adler. 2,731,559.
- Adler, John: See—
- Agotal, Carlos. 2,738,982.
- Adler, John B., to Shwayder Bros., Inc. Chair seat fastener. 2,729,280, 1-3-56, Cl. 155-196.
- Adler, John B., to Shwayder Bros., Inc. Reinforced chair seats. 2,757,717, 8-7-56, Cl. 155-178.
- Adler, John B., to Shwayder Brothers, Inc. Convertible folding tray table and coffee table. 2,757,998, 8-7-56, Cl. 311-79.
- Adler, John B., to Shwayder Brothers, Inc. Backplate for folding chair. 2,767,780, 10-23-56, Cl. 155-194.
- Adler, Joseph I., Jr. Artificial foliage and method of making same. Re. 24,114, 1-24-56, Cl. 41-13.
- Adler, Robert, to Zenith Radio Corp. Balanced sync separator and phase comparator system. 2,740,002, 3-27-56, Cl. 178-7-3.
- Adler, Robert, to Zenith Radio Corp. Electron-discharge device. 2,741,721, 4-10-56, Cl. 315-21.
- Adler, Robert, to Zenith Radio Corp. Electromechanical pulse-storage lines. 2,753,527, 7-3-56, Cl. 333-30.
- Adler, Robert, to Zenith Radio Corp. Subscription television system. 2,758,153, 8-7-56, Cl. 178-51.
- Adler, Robert, to Zenith Radio Corp. Oscillators. 2,758,210, 7-7-56, Cl. 250-36.
- Adler, Robert, to Zenith Radio Corp. Signal-translating devices of the traveling-wave type. 2,764,710, 9-25-56, Cl. 315-3-6.
- Adler, Seymour: See—
- Händler, Elliot, Adler, and Stormon. 2,740,232.
- Adler, Simpson B., to the United States of America as represented by the Secretary of the Army. Remote indicating and control system. 2,745,023, 5-8-56, Cl. 347-112.
- Adloff, Jakob A., to General Motors Corp. Motor vehicle radiators resiliently and slidably mounted. 2,755,874, 7-24-56, Cl. 180-68.
- Adloff, Jakob A., to General Motors Corp. Gear shift mechanism for transmissions. 2,762,236, 9-11-56, Cl. 74-477.
- Adloff, Jakob A., and A. Zimmer, to General Motors Corp. Front axle automobile, with independent wheel springing. 2,757,016, 7-31-56, Cl. 280-106.5.
- Admiral Corp.: See—
- Bleam, Howard A. 2,750,219.
- Carlson, Reuben C. 2,729,456.
- Carlson, Reuben C. 2,762,626.
- Carlson, Reuben C. 2,763,415.
- Hinz, Henry E. 2,739,022.
- Junkins, Arthur H. 2,752,413.
- Mautone, Francesco F. 2,729,884.
- Mautone, Francesco F. 2,738,481.
- McWehry, Irvin E. 2,745,133.
- McWehry, Irvin E. 2,753,731.
- Morton, Evans T. 2,737,785.
- Morton, Evans T. 2,762,676.
- Summerer, William H., and Ketchum. 2,738,500.
- Swanson, Edward W. 2,738,501.
- Adolph, Friedrich: See—
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- Adolphson, Evert W.: See—
- Andrews, Norman F., Slavens, and Adolphson. 2,736,152.
- Adrema Ltd.: See—
- Kerr, Robert L. 2,760,361.
- Adrema Maschinenbau G. m. b. H.: See—
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- Ostwaldt, Erich, and Ditzel. 2,773,581.
- Adrian, Joseph L.: See—
- Sullivan, Richard A., and Adrian. 2,763,328.
- Adriansen, John R., and J. J. Cochran; said Adriansen assor. to Cutter-Hammer, Inc., and said Cochran assor. to Harris-Sebold Co. Safety control circuit for electric motor driven machinery. 2,773,231, 12-4-56, Cl. 318-443.
- Adsorption Research Corp.: See—
- Ringo, Dan, and Miller. 2,750,134.
- Ringo, Dan, and Miller. 2,751,082.
- Advance Spiral Machine Co., Inc.: See—
- Desperak, Sam, Roschke, and Desmond. 2,730,055.
- Advance Transformer Co.: See—
- Feinberg, Albert E. 2,756,398.
- Feinberg, Albert E. 2,774,010.
- Feinberg, Albert E., and Endo. 2,774,011.
- Aebi & Co. Maschinenfabrik: See—
- Aebi, Willy. 2,737,816.
- Aebi, Willy, to Aebi & Co. Maschinenfabrik. Apparatus for driving the cutter bar of a mowing machine. 2,737,816, 3-13-56, Cl. 74-48.
- Aelony, David, to General Mills, Inc. Drying oil product and method of producing. 2,730,451, 1-10-56, Cl. 106-252.
- Aenishaenslin, Rudolf: See—
- Farrelle, Richard L., Aenishaenslin, and Widmer. 2,749,257.
- Aerocap, Inc.: See—
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- Aero Instrument Co.: See—
- Lovick, John B. 2,742,544.
- Aerojet-General Corp.: See—
- Harkey, George D., Jr., and Hawk. 2,771,915.
- Mace, Harry W. 2,740,702.
- Malina, Frank J., and Parsons. 2,771,789.
- Malina, Frank J., and Parsons. 2,774,214.
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- Petau, Erik. 2,772,706.
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- Noyes, Hazlehurst R. 2,766,497.



- Aeroquip Corp.:** *See—*  
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- Aerosol Corp. T. R.:** *See—*  
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- Aerosol Research Co.:** *See—*  
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- Aeschlimann, John A., and B. Tabenkin, to Hoffmann-La Roche Inc. Feed compositions.** 2,742,360, 4-17-56, Cl. 99-4.
- Aeschlimann, John A., and B. Tabenkin, to Hoffmann-La Roche Inc. Feed compositions.** 2,742,361, 4-17-56, Cl. 99-4.
- Aeschlimann, John A., and B. Tabenkin, to Hoffmann-La Roche Inc. Animal feed compositions.** 2,742,362, 4-17-56, Cl. 99-4.
- Aetna Products & Mfg. Co.:** *See—*  
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- Aetna-Standard Engineering Co., The:** *See—*  
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- Aetna Steel Products Corp.:** *See—*  
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 La Lande, William A., Jr., Knorr, and Aeugle. 2,758,078.
- Affelder, Harry F., to The Wolf Envelope Co. Envelope making machine.** 2,748,675, 6-5-56, Cl. 93-62.
- Afterback, Merle F. Method of packaging ice cream and container therefor.** 2,771,369, 11-20-56, Cl. 99-180.
- Afzelius, Ivar A., to Aktiebolaget Separator. Method for continuous refining of fatty oils.** 2,729,662, 1-3-56, Cl. 260-425.
- Afzelius, Ivar A., to Aktiebolaget Separator. Method of decolorizing neutralized fatty oils.** 2,734,310, 7-10-56, Cl. 260-425.
- Agar, Kenneth C., to Clinton Machine Co. Outboard motor column construction.** 2,735,896, 2-21-56, Cl. 115-17.
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- Agenc, Maynard C., to General Electric Co. Organopoly-siloxane lubricants.** 2,742,428, 4-17-56, Cl. 252-42.1.
- Ager, Drez. Roof gutter.** Re. 24,245, 12-4-56, Cl. 108-28.
- Ager, Thomas J. Window guard.** 2,774,417, 12-18-56, Cl. 160-104.
- Agfa Camera-Werk Aktiengesellschaft:** *See—*  
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- Aggarwal, Joti S., and P. G. Sharma, to The Council of Scientific and Industrial Research. Process of making wrinkle varnishes.** 2,749,247, 6-5-56, Cl. 106-222.
- Aghnides, Ellie P. Gas and liquid mixing device.** 2,770,446, 1-13-56, Cl. 261-76.
- Aghnides, Ellie P. Ash tray with a large number of cavities for extinguishing cigarettes.** 2,771,884, 11-27-56, Cl. 131-235.
- Aghnides, Ellie P. Gas and fluid mixing device.** 2,774,584, 12-18-56, Cl. 261-76.
- Agillo, Eugenio J., and G. D. Laubach, to Chas. Pfizer & Co., Inc. Steroid ketal.** 2,773,868, 12-11-56, Cl. 260-239.55.
- Agnew, Edward J., to Westinghouse Air Brake Co. Wayside vehicle speed determining means.** 2,770,775, 11-13-56, Cl. 324-70.
- Agnew, Gilmore W. Electrically controlled pedal lock.** 2,781,852, 1-2-56, Cl. 74-339.
- Agostini, Victor A., and J. R. Winters. Gun rack.** 2,750,088, 6-12-56, Cl. 224-1.
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- Agra, Arthur G. Fender for boats and the like.** 2,753,829, 7-10-56, Cl. 114-219.
- Agriculture, United States of America as represented by the Secretary of:** *See—*  
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- Agriculture, United States of America as represented by the Secretary of:** *See—Continued*  
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- Agullo, Paul. Outline for ultimate balance and shoe com-**  
 getting devices. 2,747,828, 8-28-56, Cl. 36-2.5.
- Aguliar, John G., and G. W. Brown. Method of pitting fruit.**  
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- Aguliar, John G., and H. B. Rice. Band applying device.**  
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- Agulnek, Oscar A., Apparatus for improving fuel for internal combustion engines.** 2,748,892, 6-5-56, Cl. 183-19.
- Agule, George J., to Machlett Laboratories, Inc. Filament structure.** 2,748,310, 5-29-56, Cl. 313-247.
- Agule, George J., to Machlett Laboratories, Inc. Electron tube gettering devices.** 2,749,466, 6-5-56, Cl. 313-180.
- Agule, George J., and R. W. Reynolds, to Machlett Laboratories, Inc. System for maintaining liquid level.**  
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- Ahlbrecht, Arthur H., to Minnesota Mining & Mfg. Co. Quaternary ammonium alkyl-perfluoroamides.** 2,764,602, 9-25-56, Cl. 260-404.5.
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- Ahlén, Karl G., to Svenska Rotor Maskiner Aktiebolag. Hydraulic power transmission. 2,750,017, 6-12-56, Cl. 192-2.
- Ahlgren, Axel W., to Amercock Corp. Magnetic assembly. 2,770,759, 11-13-56, Cl. 317-159.
- Ahlgren, Erick L. Fluid content gauge for lighter. 2,735,293, 2-21-56, Cl. 73-73.
- Ahlgren, Herbert C. Storage battery terminal tensioning device. 2,766,437, 10-9-56, Cl. 339-224.
- Ahlmann, Nikolai, to F. L. Smith & Co. Method of screening. 2,751,079, 6-19-56, Cl. 209-295.
- Ahlquist, Frances H.: *See—*
- Ahlquist, Zeth F.: 2,757,829.
- Ahlquist, Zeth F., to Z. F. Ahlquist and A. R. Nilson, general partners, and O. G. and E. Nilson, J. E. and H. S. Martin, C. B. Olson, and F. H. Ahlquist, limited partners d. b. a. International Machine and Tool Works. Removable pouring spout. 2,757,829, 8-7-56, Cl. 222-527.
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- Ahrendt Instrument Co., Inc., The: *See—*
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- Ahrens, Dagny A.: *See—*
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- Ahrens, Hermann I., and to Dähler-Benz Aktiengesellschaft. Aerating device for vehicles, particularly omnibuses. 2,775,185, 12-25-56, Cl. 98-9.
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- Aibel, Edward. Reading stand. 2,741,869, 4-17-56, Cl. 192-2.
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- Pernick, David, and Aibel. 2,752,787.
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- Aigrain, Pierre R. R.: *See—*
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- Aigrain, Pierre R. R., to International Standard Electric Corp. Potential comparing device. 2,752,489, 6-26-56, Cl. 250-27.
- Aigrain, Pierre R. R., to International Standard Electric Corp. Impulse coincidence circuit. 2,752,530, 6-26-56, Cl. 315-168.
- Aigrain, Pierre R. R., and G. B. A. Liandrat, to International Standard Electric Corp. Device for storing information. 2,773,250, 12-4-56, Cl. 340-173.
- Aiken, Charles B., and W. J. Slaughter, to the United States of America, represented by the Secretary of the Air Force. Position indicator circuit. 2,764,755, 9-25-56, Cl. 343-100.
- Aiken, William R., to the United States of America as represented by the United States Atomic Energy Commission. Linear pulse integrator. 2,750,500, 6-21-56, Cl. 250-27.
- Aikens, Andrew J., to Botsford, A. P., Boysen, Jr., E. Dietze, deceased, by K. R. Dietze, executrix, W. D. Goodale, Jr., and A. H. Inglis, to Bell Telephone Laboratories, Inc. Subscriber telephone set. 2,732,436, 1-24-56, Cl. 179-81.
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- Aimone, Francis M., and H. Tabachnick, to American Cyanamid Co. Method of roasting refractory manganese-precious metal ores. 2,759,809, 8-21-56, Cl. 75-7.
- Aimone, Frank M., and R. B. Booth, to American Cyanamid Co. Flotation of ores using addition polymers as depressants. 2,740,522, 4-3-56, Cl. 209-166.
- Ainsworth, Cameron, to Eli Lilly and Co. Process for production of heterodiazoles. 2,733,245, 1-31-56, Cl. 260-294.8.
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- Ainsworth, Freedom H., to The Wayne Pump Co. Adjustable stroke mechanical movement. 2,741,131, 4-10-56, Cl. 74-50.
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- Aires, Ramon H., to Philco Corp. Waveform control for television deflection system. 2,752,528, 6-26-56, Cl. 315-27.
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- Airetool Mfg. Co.: *See—*
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- Mathews, Harold C. 2,767,766.
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- Air Force, United States of America as represented by the Secretary of the: *See—*
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- Forbes, Gordon D. 2,757,285.
- Ford, John R., and Howery. 2,773,256.
- Fortini, Earlwood T. 2,741,336.
- Gleason, Joseph P. 2,763,778.
- Gottier, Thomas L. 2,750,503.
- Groeper, Lawrence H. 2,731,599.
- Grosdoff, Igor E., and Endres. 2,754,362.
- Grosdoff, Igor E., and Endres. 2,754,376.
- Gunn, Kenneth C. C., and Holmes. 2,735,982.
- Hagerty, William W., and Yagle. 2,756,591.
- Hollywood, John M. 2,736,805.
- Horrell, Maurice W. 2,738,494.
- Janney, Raymond B., II, and Doolittle. 2,767,943.
- Johnson, Francis M. 2,758,939.
- Kline, Jack C. 2,774,912.
- Kuhlman, William H., Jr. 2,749,064.
- Lake, Harry G. 2,749,513.
- Lundquist, Lester E., Jr. 2,751,536.
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- Maximoff, Boris S. 2,744,328.  
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Padgett, Edward D. 2,750,457.  
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Robinson, Harris A. 2,754,421.  
Robinson, Harris A. 2,761,065.  
Robinson, Harris A. 2,761,066.  
Scott, Benjamin B. 2,761,042.  
Schonover, Robert W. 2,768,323.  
Seeler, Henry. 2,736,331.  
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Shen, Yui-n C. and Adkins. 2,770,139.  
Shinn, Byron L. 2,737,407.  
Soehngen, Erich. 2,769,334.  
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Stoecker, Arthur C. 2,760,187.  
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Strandberg, Malcolm W. F. and Corkum. 2,761,141.  
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- Air Industries Co., Inc.: *See*—  
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- Airkem, Inc.: *See*—  
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Roissard, Fernando C. 2,766,068.  
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- Air Maze Corp.: *See*—  
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Walton, George M. 2,750,001.  
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- Air Preheater Corp., The: *See*—  
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- Air Products Inc.: *See*—  
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- Air Purification, Inc.: *See*—  
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- Air Reduction Co., Inc.: *See*—  
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Blanchard, Edward R. and McKenna. 2,729,689.  
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Buselli, Alio J. and McKenna. 2,743,264.  
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Carpenter, Gilbert B., Fortner, and Buselli. 2,751,628.  
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Dennis, Wolcott. 2,762,208.  
Greene, William J. 2,747,152.  
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Layden, Lawrence M. 2,765,144.  
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Mayer, Ludwig J. 2,747,129.  
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- Airseal Insulations, Inc.: *See*—  
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- Airtron, Inc.: *See*—  
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- Air-Way Industries, Inc.: *See*—  
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- Airway Products, Inc.: *See*—  
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- Aisenstein, Simon, F. C. Thompson, and M. Esterson, to English Electric Valve Co., Ltd. Thermionic cathodes for electronic discharge devices. 2,733,378, 1-31-56, Cl. 318-346.  
Aita, Paolo. Electric soldering iron. 2,737,570, 3-6-56, Cl. 219-26.  
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- Aitchison, Robert B., to Union Carbide and Carbon Corp. Method and apparatus for forming blasting holes in rock. 2,738,162, 3-15-56, Cl. 255-18.  
Aitchison, Robert B., and S. B. Kirk, to Union Carbide and Carbon Corp. Method of charging holes with explosives. 2,745,346, 5-15-56, Cl. 102-23.  
Aitchison, Robert B., and J. J. Calaman, to Union Carbide and Carbon Corp. Blasting of rock bodies. 2,772,632, 12-4-56, Cl. 102-23.  
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Akans, William R. Adjustable leg connection. 2,767,949, 10-23-56, Cl. 248-188.  
Akeley, Lloyd T., to General Electric Co. Temperature compensated magnetic tachometer. 2,761,080, 8-28-56, Cl. 310-97.  
Aker, Sam C. Vibratory screening apparatus. 2,748,942, 6-5-56, Cl. 209-315.  
Akerib, Ezechiel, to Societe Bureau de Recherches et d'Exploitation de Procèdes et Brevets. Removable working head particularly for electric shavers. 2,754,265, 2-14-56, Cl. 30-43.  
Akerman, Olov, to Ab. Haglund & Söner. Installation for the operation of the traction motors of electric trains with the use of single phase alternating current. 2,735,973, 2-21-56, Cl. 318-94.  
Akeroyd, Ewart I., to The Permutit Co. Ltd., Stewarts & Lloyds Ltd., and The Woodall-Duckham Vertical Retort and Oven Construction Co. (1920) Ltd. Regeneration of ion-exchange material. 2,754,261, 7-10-56, Cl. 210-24.  
Akers, Franklin W., Jr. Display device for an advertising card or the like. 2,759,281, 8-21-56, Cl. 40-17.  
Akers, Roy J. Hand saw depth gauge. 2,769,470, 11-6-56, Cl. 145-35.  
Åkerström, Börje, to Aktiebolaget Atvidabergs Butiksinnredning. Venetian blinds. 2,748,852, 6-5-56, Cl. 160-168.  
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Akin, George A., to Eastman Kodak Co. Recovery of acetylene from gas mixtures by absorption in selective solvents. 2,731,507, 1-17-56, Cl. 260-679.  
Akin, Orville C. Saw guard assembly for rotary table saws. 2,731,049, 1-17-56, Cl. 143-159.  
Akisawa, Kuniyoshi. Tourniquets. 2,765,791, 10-9-56, Cl. 128-327.  
Akkanen, John E. Fishing lure. 2,745,207, 5-15-56, Cl. 43-42,47.  
Akerman, Antony M.: *See*—  
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Aklin, George H., to Eastman Kodak Co. Seven-element Gauss type objective comprising two negative meniscus components enclosed by two positive components. 2,771,817, 11-27-56, Cl. 88-57.  
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- Aktiebolaget Bostadsforskning: *See*—  
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- Aktiebolaget C. E. Johansson: *See*—  
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Kogel, Ragnar E. 2,772,541.  
Engberg, Axel O. 2,773,517.  
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- Aktiebolaget Färe Armaturfabrik: *See*—  
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- Aktiebolaget Manus: *See*—  
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- Aktiebolaget Svenska Flaktfabriken: *See*—  
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- Öholm, Gustav V. 2,732,980.  
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- Aktiebolaget Svenska Kullagerfabriken: *See*—  
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- Aktiebolaget Tudor: *See*—  
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- Aktiebolaget Westermaskiner: *See*—  
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- Aktiebolaget Zander & Ingstrom: *See*—  
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- Aktiengesellschaft Brown, Boveri & Cie.: *See*—  
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- Aktiengesellschaft fuer Technische Studien: *See*—  
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- Aktiengesellschaft fuer Unternehmungen der Eisen- und Stahl-industrie: *See*—  
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- Aktien-Gesellschaft "Weser": *See*—  
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- Aktieselskabet Burmeister & Wain's Maskin-Og Skibssbyggeri: *See*—  
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- Aktieselskabet de Danske Sukkerfabrikker: *See*—  
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- Alabaster, Albert E., to National Research Development Corp. Static Electricity dischargers. 2,732,517, 1-24-56, Cl. 317-2.
- Aladdin Industries, Inc.: *See*—  
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Bramming, Carl. 2,734,999.  
Bramming, Carl. 2,735,568.  
Bramming, Carl. 2,742,033.  
Bramming, Carl. 2,742,169.  
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- Alamance Industries, Inc.: *See*—  
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- Alarm Products, Inc.: *See*—  
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- Alaskian-Juneau Gold Mining Co.: *See*—  
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- Alaska, Walter A., and R. H. Davies, to The Parker Appliance Co. Hydraulic accumulators. 2,729,244, 1-3-56, Cl. 138-31.
- Alba Hosiery Mills, Inc.: *See*—  
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- Albano, Alphonso F. Automatic stirrer or agitator for cooking and washing vessels. 2,732,185, 1-24-56, Cl. 259-101.
- Albany Felt Co.: *See*—  
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- Albermarle Paper Mfg. Co., The: *See*—  
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- Alber, Robert, to Alcosa-Etablissement. Article of footwear. 2,774,152, 12-18-56, Cl. 36-71.
- Alberdi, Santiago M., Jr. Closure cap for collapsible containers. 2,743,852, 5-1-56, Cl. 222-494.
- Alberkey, Don C. Portable outdoor grill. 2,760,427, 8-28-56, Cl. 99-419.
- Albers, Claude J., ½ to E. C. Stee. Boat trailer. 2,765,180, 10-2-56, Cl. 260-414.
- Albers, Heinrich B., to Hydropress, Inc. Mandrel cooling for extrusion presses. 2,732,031, 1-24-56, Cl. 207-16.
- Albers, Heinrich B., to Hydropress, Inc. Extrusion press. 2,732,938, 1-31-56, Cl. 207-3.
- Albers, Kenneth A., to Char-Lynn Co. Valve means for a fluid pressure system. 2,773,486, 12-11-56, Cl. 121-158.
- Albersheim, Walter J., to Bell Telephone Laboratories, Inc. Phone key. 2,756,390, 7-24-56, Cl. 324-89.
- Albert, Anthony. Pipe bending device with an angularly adjustable handle. 2,744,427, 5-8-56, Cl. 81-15.
- Albert, Daniel. Rotatable non-tangling fishing reel. 2,744,693, 5-8-56, Cl. 242-84.1.
- Albert, Harry E., and R. W. Kibler, to The Firestone Tire & Rubber Co. Alkali splitting of secondary and tertiary formamides. 2,773,097, 12-4-56, Cl. 260-563.
- Albert, John C., and W. C. Zimmermann. Dispensing device for paste tubes. 2,759,636, 8-21-56, Cl. 222-103.
- Albert, Karl. Process for the production of refractory masses or bricks from slags. 2,764,493, 9-25-56, Cl. 106-55.
- Albert, Karl. Methods of preparing highly-refractory blocks or other masses. 2,764,494, 9-25-56, Cl. 106-62.
- Albert, Max. Cereal food and method. 2,774,670, 12-18-56, Cl. 99-2.
- Alberti, Carlo G.: *See*—  
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- Alberts, Arthur J.: *See*—  
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- Alberts, Lawrence E., to Minneapolis-Honeywell Regulator Co. Automatic pilots. 2,761,100, 8-28-56, Cl. 318-489.
- Alberts, Sydney S. Women's undergarments. 2,751,593, 6-28-56, Cl. 2-42.
- Albertson & Co., Inc.: *See*—  
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- Albertson, Floyd E. Multi-stage concentrator. 2,768,745, 10-30-56, Cl. 209-211.
- Albertson, Frank O., and J. A. W. Madsen, to Albertson & Co., Inc. Motor reversing switch mechanism. 2,764,705, 9-25-56, Cl. 310-68.
- Albertson, Lyle H. Hay stack loader vehicle. 2,756,882, 7-31-56, Cl. 214-85.1.
- Albertson, William C., Jr.: *See*—  
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- Albach, Vincent. Tank ship bulkhead and girder construction. 2,741,208, 4-10-56, Cl. 114-79.
- Albina Engine & Machine Works, Inc.: *See*—  
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- Albiseti, Charles J., A. L. Barney, T. L. Cairns, and H. E. Winber, to E. I. du Pont de Nemours & Co. Polycarboxyl and polycarboxyl-containing polymerizable quaternary ammonium monomers and their polymers. 2,729,622, 1-3-56, Cl. 260-78.3.



- Albrecht, Arthur W., to Pearson Candy Co. Individual article wrapping machine. 2,757,499, 8-7-56, Cl. 53-226.
- Albrecht, George F. Lubrication of traveler guiding rings. 2,760,329, 8-28-56, Cl. 57-120.
- Albrecht, Harold D., R. W. Harralson, and R. H. Fricke, to Radio Corp. of America. Servo system with feedback control. 2,759,135, 8-14-56, Cl. 318-30.
- Albrecht, Henry P., and K. H. Wilson, to Waco Mfg. Co. Scaffold support. 2,731,303, 1-17-56, Cl. 304-10.
- Albrecht, Kurt, to Calgon, Inc. Mechanical dishwashing composition and method of using same. 2,756,214, 7-24-56, Cl. 252-99.
- Albrecht, Leonard N., to General Motors Corp. Convertible top with inwardly folding side rails. 2,768,837, 10-30-56, Cl. 296-117.
- Albrecht, Otto: *See* Geigy, Wilhem, Albrecht, and Meyer. 2,769,684.
- Maeder, Arthur, and Albrecht. 2,740,759.
- Meyer, Jules, Schwank, and Albrecht. 2,763,528.
- Schuetz, Fritz, Roesti, Albrecht, and Meyer. 2,763,530.
- Albrecht, Otto, to Ciba Ltd. New condensation products of guanil-melamines with an aldehyde. 2,759,907, 8-21-56, Cl. 260-67.7.
- Albrecht, Otto, J. Meyer, F. Schuetz, and H. Roesti, to Ciba Ltd. Compositions and process for dyeing nitrogenous fibers using amine-ethylene oxide product. 2,763,529, 9-18-56, Cl. 8-30.
- Albrecht, Otto, and A. Hiestand, to Ciba Ltd. Melamine hardenable ternary condensation products. 2,763,649, 9-18-56, Cl. 260-249.6.
- Albrecht, Ransom C.: *See* Day, Carl L., and Albrecht. 2,748,885.
- Day, Carl L., Albrecht, and Fauth. 2,763,107.
- Albrecht, Warren F., to General Electric Co. Welded fluorescent lamp base pins. 2,749,528, 6-5-56, Cl. 339-145.
- Albrecht, William B., to Allis-Chalmers Mfg. Co. Workpiece supply fixture for induction heating apparatus. 2,754,396, 7-10-56, Cl. 219-10.69.
- Albrecht, William B., to Allis-Chalmers Mfg. Co. Multiple plate work coil with offset edges for induction heating. 2,754,397, 7-10-56, Cl. 219-10.79.
- Albright, Edwin L., to Continental Can Co. Apparatus and method for applying side seam sealing compound to can body blanks. 2,773,279, 12-11-56, Cl. 18-1.
- Albright, Edwin L., and P. F. Catalan, to Continental Can Co., Inc. Container side seam sealing compound applying apparatus and method. 2,773,280, 12-11-56, Cl. 18-1.
- Albright, Franklin C., to Bendix Aviation Corp. Aircraft undercarriage. 2,770,430, 11-13-56, Cl. 244-103.
- Albright, John C., to W. J. Adams. Thermally responsive device. 2,736,604, 2-8-56, Cl. 207-6.
- Albright, John R., to Geo. D. Roper Corp. Lubrication means for rotary pumps. 2,775,209, 12-25-56, Cl. 103-126.
- Albright & Wilson Ltd.: *See* Coates, Harold. 2,732,394.
- Albris, Frank R. Stair lighting hand rail. 2,766,372, 10-9-56, Cl. 240-2.
- Alburn, Harvey B., and J. Seifter, to American Home Products Corp. Sulfated pectic acid blood anticoagulant. 2,729,693, 1-5-56, Cl. 260-209.5.
- Albus, Charles P., and E. E. Field, to General Aniline & Film Corp. Cellulose esters and ethers plasticized with 1,6 hexandiol di-2-ethyl hexoate. 2,742,371, 4-17-56, Cl. 106-180.
- Albus, Charles P., and D. E. Sargent, to General Aniline & Film Corp. Cellulose ester compositions plasticized with polyesters of suberic acid. 2,744,025, 5-1-56, Cl. 106-179.
- Albus, Charles P., and D. E. Sargent, to General Aniline & Film Corp. Cellulose acetate-butyrate plasticized with a dialkyl suberate. 2,744,026, 5-1-56, Cl. 106-181.
- Alcaraz, Philip, to Arvey Corp. Frame display. 2,762,148, 9-11-56, Cl. 40-155.
- Alchera, Emilio: *See* Brunetti, Leonello, and Alchera. 2,736,033.
- Alco Products, Inc.: *See* Nichols, William M. 2,729,169.
- Nichols, William M. 2,729,205.
- Nichols, William M. 2,772,933.
- Sheen, Clifford L. 2,752,668.
- Sieder, Everett N. 2,729,491.
- Sieder, Everett N., and Church. 2,729,430.
- Alco Valve Co.: *See* Schenk, John A. 2,771,092.
- Steffens, Oscar C. 2,754,571.
- Alcock, John F. Variable speed power transmission mechanisms. 2,729,119, 1-3-56, Cl. 74-655.
- Alcock, John F. and R. E. Rees. Power-transmission wheels. 2,731,256, 1-17-56, Cl. 267-1.
- Alcock, John F., to Bowaters Development and Research Ltd. Liquid extracting apparatus. 2,755,938, 7-24-56, Cl. 210-202.
- Alcock, William H.: *See* Gregg, Lowell E., Lange, Alcock, and Havens. 2,754,681.
- Alcorn, Sydney. Demountable truck body cover with hinged portions. 2,757,041, 7-31-56, Cl. 296-100.
- Alcosa-Etablissement: *See* Alber, Robert. 2,774,152.
- Alcott, David V.: *See* Cole, Herbert M., and Alcott. 2,771,541.
- Aldasoro, Eduardo,  $\frac{1}{2}$  to J. A. Cuervo. Safety valve and signal means for hydraulic brakes. 2,774,958, 12-18-56, Cl. 340-242.
- Alden, Carroll R., to Ex-Cell-O Corp. Dispensing container and bland with improved pouring mechanism. 2,731,188, 1-17-56, Cl. 229-17.
- Alden, Carroll R., to Ex-Cell-O Corp. Dispensing container with extensible pouring spout. 2,750,095, 6-12-56, Cl. 229-17.
- Alden, Carroll R., to Ex-Cell-O Corp. Dispensing container. 2,731,187, 6-19-56, Cl. 229-17.
- Alden, Carroll R., to Ex-Cell-O Corp. Panel structure and binder for connectors. 2,763,424, 8-18-56, Cl. 229-17.
- Alden, John M. Electrical connector. 2,739,295, 3-20-56, Cl. 339-258.
- Alden, John M. Plug-in unit. 2,764,713, 9-25-56, Cl. 317-101.
- Alden, Milton. Connector. 2,739,293, 3-20-56, Cl. 339-196.
- Alden, Milton. Indicator light for panel mounting. 2,742,636, 4-17-56, Cl. 340-381.
- Alden, Milton. Dual electrode recorder. 2,758,906, 8-14-56, Cl. 346-74.
- Alden, Milton. Electrical signal recording. 2,768,050, 10-23-56, Cl. 346-33.
- Alden Products Co.: *See* Cross, Edward D. 2,761,752.
- Nyman, Alexander. 2,750,443.
- Alder, Clayton W. Dual action lift spring. 2,749,570, 6-12-56, Cl. 16-198.
- Alder, Clayton W., to The Kendall Co. Embossed laminated foam rubber and fabric material and method of making same. 2,752,279, 6-26-56, Cl. 154-100.
- Alderman, Edwin N., Jr.: *See* Cardwell, Paul H., and Alderman. 2,745,809.
- Alderson, Ross C., to Minneapolis-Honeywell Regulator Co. Acceleration limiting apparatus for aircraft. 2,751,543, 6-19-56, Cl. 318-489.
- Alderson, Ross C., to Minneapolis-Honeywell Regulator Co. Aircraft control apparatus. 2,766,952, 10-16-56, Cl. 244-77.
- Alderson, Ross C., to Minneapolis-Honeywell Regulator Co. Attack angle control apparatus for powered aircraft. 2,774,558, 12-18-56, Cl. 244-77.
- Alderson, William H., and J. H. Easthagen, to California Research Corp. Stabilization of cracked distillate fuel oils. 2,729,591, 1-3-54, Cl. 196-35.
- Alderson, Winston P. Combination ball and slip joint for pipes. 2,774,618, 12-18-56, Cl. 285-223.
- Alderson, Witty L., Jr., and J. T. Maynard, to E. I. du Pont de Nemours & Co. Ternary ferrous group metal sulfides of molybdenum and tungsten and their preparation. 2,770,527, 11-13-56, Cl. 23-134.
- Aldhizer, George S., Jr.: *See* Turner, Charles C. 2,763,111.
- Aldinger, Ulrich: *See* Voit, Willy, and Aldinger. 2,739,643.
- Aldred, Leslie, to Imperial Chemical Industries, Ltd. Tablet counting and batching devices. 2,744,602, 5-8-56, Cl. 193-38.
- Aldred, Leslie, to Imperial Chemical Industries Ltd. Tablet feed hoppers. 2,774,519, 12-18-56, Cl. 222-310.
- Aldrich, Donovan D., L. A. Kiebler, and D. W. Weller. Adjustable bracket for outboard motor. 2,747,819, 5-29-56, Cl. 248-4.
- Aldrich, Loyd I. Card shuffler. 2,755,090, 7-17-56, Cl. 273-149.
- Aldrich, Walter S., to Minnesota Mining & Mfg. Co. Flying tape splice for pressure-sensitive adhesive tape. 2,752,985, 7-3-56, Cl. 154-42.
- Aldridge, Clarence F.: *See* Liberator, Laurence C., Tibbitts, Aldridge, and Fischer. 2,745,925.
- Aldridge, Denis W.: *See* Fairfield, Ronald M., Aldridge, and Travis. 2,765,527.
- Aldridge, John E.: *See* Brelsford, Orville R., Stone, and Aldridge. 2,765,605.
- Aldridge, Ralph H.: *See* Aldridge, Stanley E. and R. H. 2,739,356.
- Aldridge, Stanley E. and R. H. Metal awning. 2,739,356, 2-7-56, Cl. 20-57.5.
- Aleck, Benjamin J., to The M. W. Kellogg Co. Retaining device. 2,734,728, 2-14-56, Cl. 292-256.6.
- Alef, Philip M., to General Motors Corp. Side window wiper. 2,743,472, 5-1-56, Cl. 15-250.
- Alessi, Andrew J., Jr.: *See* Hirschey, Malcolm, and Alessi. 2,761,379.
- Alessi, Andrew J., Jr., to Adolph Gottscho, Inc. Marking devices. 2,763,206, 9-18-56, Cl. 101-329.
- Alessi, Andrew J., Jr., and I. S. Gottscho, and M. Hirschey, to Adolph Gottscho, Inc. Printing rollers and type therefor. 2,749,389, 5-22-56, Cl. 101-377.
- Alessio, James D.: *See* Soriano, Thomas J., and Alessio. 2,769,529.
- Alex, Frederic R.: *See* Rosenberger, Albert J., and Alex. 2,732,849.
- Alex, Friedmann Kommandgesellschaft: *See* Lipinski, Johann. 2,762,455.
- Alexander, Belden L.,  $\frac{1}{2}$  to G. Cheney. Shoulder pad extension for gunstock. 2,767,500, 10-23-56, Cl. 42-74.
- Alexander, Ben H., to Sylvania Electric Products, Inc. Method of making barriers in semiconductors. 2,762,730, 9-11-56, Cl. 149-1.5.
- Alexander, Carl Z. Radiators. 2,736,790, 2-28-56, Cl. 219-38.
- Alexander, Charles F., to Kiekhaefer Corp. Outboard motor water inlet structure. 2,755,764, 7-24-56, Cl. 115-17.



- Alexander, Clara C. Therapeutic moist-heat-treatment apparatus. 2,736,317, 2-28-56, Cl. 128-254.
- Alexander Doll Co., Inc.: See—  
Birnbaum, Richard E. 2,764,841.
- Alexander, Donald B., trustee: See—  
Barrett, Edward L. 2,740,935.
- Alexander, Donald F., to General Motors Corp. Refrigerating apparatus. 2,750,755, 6-19-56, Cl. 62-4.
- Alexander, Donald F., to General Motors Corp. Electrical generating system. 2,759,110, 8-14-56, Cl. 307-84.
- Alexander, Frank M., and R. W. Bruso, to Brown Citrus Machinery Corp. Citrus juice extractor having peel separator. 2,769,472, 11-6-56, Cl. 146-3.
- Alexander, Gordon A., to The American Hardware Corp. Turnpiece for door locks. 2,743,123, 4-24-56, Cl. 292-1.
- Alexander, Guy B.: See—  
Richardson, Richard L., Iler, and Alexander. 2,733,205.
- Alexander, Guy B., to E. I. du Pont de Nemours and Co. Process for producing solids of 5-8 millimicron silica particles and product. 2,750,345, 6-12-56, Cl. 252-313.
- Alexander, Guy B., R. K. Iler, and F. J. Wolter, to E. I. du Pont de Nemours and Co. Process of preparing dense amorphous silica aggregates and products. 2,731,326, 1-17-56, Cl. 23-182.
- Alexander, Guy B., E. C. Broge, and R. K. Iler, to E. I. du Pont de Nemours & Co. Process of making reinforced silica gel and esterified silica gel. 2,765,242, 10-2-56, Cl. 118.
- Alexander, Harold M.: See—  
McCown, William E., and Alexander. 2,775,071.
- Alexander, Jack J. Toy horse. 2,762,624, 9-11-56, Cl. 272-52.
- Alexander, John M. Device for operating valves. 2,748,640, 6-5-56, Cl. 81-175.
- Alexander, John R., to Monsanto Chemical Co. Method and means of charging and operating electrical furnaces. 2,738,373, 3-13-56, Cl. 13-33.
- Alexander, Paul, A. S. Baxter, and M. E. Boston, to Continental Can Co., Inc. Vacuum metallizing and apparatus therefor. 2,750,166, 7-24-56, Cl. 11-217.
- Alexander, Peter P., and R. C. Wade, to Metal Hydrides Inc. Method for producing powders of metals and metal hydrides. 2,753,255, 7-3-56, Cl. 75-84.1.
- Alexander, Peter, and D. R. Lamb, to Shell Development Co. Bituminous compositions. 2,773,777, 12-11-56, Cl. 106-96.
- Alexander, Ronald R., to Carthage Machine Co. Barking method. 2,741,283, 4-10-56, Cl. 144-309.
- Alexander, Roy H. Screw holding screwdriver. 2,758,621, 8-14-56, Cl. 145-52.
- Alexander, Roy T.: See—  
Burge, James S., McKee, Alexander, Conrad, Rider, Noetzel, and Salatin. 2,769,228.
- Alexander, Russel C., to Railway Steam Research Corp. Liquid heating device. 2,759,715, 8-21-56, Cl. 261-39.
- Alexander, Samuel B., to Emerson Radio and Phonograph Corp. Vertical synchronizing pulse separation system. 2,752,422, 6-26-56, Cl. 178-73.
- Alexander, Warren A., and J. T. Baker, to Esso Research and Engineering Co. Seismic amplifier interference eliminator. 2,733,412, 1-31-56, Cl. 333-12.
- Alexander, Walter, to Monsanto Chemical Co. Separation of acetylene gases. 2,762,453, 9-11-56, Cl. 183-115.
- Alexander, William F., to Claber Bi-Metal Plate Co., Inc. Method of making bimetallic relief-printing plates. 2,768,076, 10-23-56, Cl. 95-8.7.
- Alexander, William G., and C. McL. Harden, to Bendix Aviation Corp. Antenna beam position indicator. 2,747,178, 5-22-56, Cl. 343-11.
- Alexander, William M., W. K. McDonald, and J. W. Lee, to Allied Laboratories, Inc. Device for applying expanded elastic rings. 2,764,160, 9-25-56, Cl. 128-303.
- Alexanderson, Ernst F. W. Magnetic amplifier motor control. 2,752,549, 6-26-56, Cl. 318-896.
- Alexanderson, Ernst F. W., to Allegheny Ludlum Steel Corp. System for controlling the flow of molten metal. 2,768,413, 10-30-56, Cl. 22-57.2.
- Alexanderson, Harald V., to Telefonaktiebolaget L M Ericsson. 2,752,102, 10-23-56, Cl. 179-90.
- Alexeev, Antonina. Transmission speed changer. 2,744,414, 5-8-56, Cl. 74-216.3.
- Alexeff, Alexander V., and R. L. Godshalk, to The Babcock & Wilcox Co. Closure means for chamber wall opening. 2,775,216, 12-25-56, Cl. 110-179.
- Alexian Bros. Hospital: See—  
Blong, Matthew G. 2,765,786.
- Alexian Brothers of Chicago: See—  
Blong, Matthew G. 2,765,786.
- Alexy, Matthew R., to the United States of America as represented by the Secretary of the Air Force. High voltage high frequency apparatus. 2,751,467, 6-19-56, Cl. 200-144.
- Alfandre, Harry. Buckle threading apparatus. 2,742,205, 4-17-56, Cl. 223-49.
- Alfandre, Harry, and A. D. Ianucci; said Ianucci to said Alfandre. Apparatus for stacking flat parts. 2,745,232, 5-15-56, Cl. 93-126.
- Alferman, Albert G. Fish aquarium and filter apparatus therefor. 2,729,337, 1-3-56, Cl. 210-150.
- Alfery, Henry F., and R. K. Engldott, to Erie Mfg. Co. Dispensing valve for emergency oxygen cylinders. 2,733,835, 2-22-56, Cl. 222-5.
- Alford & Alder (Engineers) Ltd.: See—  
Lind, John A. 2,734,753.
- Alford, Andrew: See—  
Sprague, Robert M. 2,746,039.
- Alford, Andrew. Antenna. 2,747,182, 5-22-56, Cl. 343-767.
- Alford, Andrew. Omnidirectional range system. 2,765,461, 10-2-56, Cl. 343-101.
- Alford, Andrew. Coaxial bridge. 2,769,146, 10-30-56, Cl. 333-11.
- Alford Cartons: See—  
Vines, Oscar L. 2,736,484.
- Vines, Oscar L. 2,775,390.
- Vines, Oscar L. 2,775,391.
- Alford, Charles E., and E. T. Hinkel, Jr., to Sterling Drug Inc. Hexitol-stabilized milk of magnesia preparation. 2,755,220, 7-17-56, Cl. 167-56.
- Alford, Grace H.: See—  
Alford, Le Roy H. 2,735,097.
- Alford, Harvey E.: See—  
Bartleson, John D., and Alford. 2,744,068.
- Alford, Harvey E., and J. D. Bartleson, to The Standard Oil Co. Process of treating lubricating oil stock with a phosphorus sulfide and a base and the resulting products. 2,766,206, 10-9-56, Cl. 252-32.7.
- Alford, Joseph S., to General Electric Co. Surge control for axial flow compressors. 2,738,644, 3-20-56, Cl. 60-35.6.
- Alford, Le Roy H., deceased, by G. H. Alford, administratrix. Shingler's hatchet. 2,735,097, 2-21-56, Cl. 1-45.
- Alfrey, Turner, Jr., to L. A. Dreyfus Co. Side-chain crystalline copolymers from polymerizable monomers having a substituent crystallizable organic group and having no substituent crystallizable group respectively. 2,740,772, 4-3-56, Cl. 260-86.1.
- Alger, David M. Baby bottle holder. 2,760,742, 8-28-56, Cl. 248-107.
- Alger, John: See—  
Surveyor's stakes. 2,773,470, 12-11-56, Cl. 116-114.
- Algie, Harry D. Differential mechanisms. 2,746,320, 5-22-56, Cl. 74-711.
- Algiers, Paul J., and J. O. Kercheval. Automatic fluid flow control device. 2,769,574, 11-6-56, Cl. 222-59.
- Alging, Joseph M.: See—  
Nelson, James A., and Algingo. 2,759,675.
- Alice Jewelry Co.: See—  
Jaron, Julian. 2,745,264.
- Alico, Inc.: See—  
Crimmer, Leslie J. 2,731,733.
- Alimas, Paul. Fishing line nontwist leading plate. 2,733,538, 2-7-56, Cl. 43-43.13.
- Alink, Roelof J. H.: See—  
Jonker, Hendrik, Alink, and van Rijssel. 2,738,272.
- Alink, Roelof J. H., J. C. A. Jaspers, and T. W. Van Rijssel, to Hartford National Bank and Trust Co., as trustee. Process of supercritically saponifying a strip of cellulose ester. 2,758,943, 8-14-56, Cl. 117-62.
- Alix, Elmer C.: See—  
Wilson, Harry A., and Alix. 2,735,158.
- Wilson, Harry A., and Alix. 2,735,159.
- Alix, Hans, to Faber & Scheidegger Aktiengesellschaft. Device for controlling the air in machines working with suction. 2,764,407, 9-25-56, Cl. 271-26.
- Alkema, Hendrik. Star finder. 2,755,565, 7-24-56, Cl. 35-44.
- Alkema, Clarence H. Boat trailer construction. 2,766,897, 10-16-56, Cl. 214-84.
- Alkydol Laboratories, Inc.: See—  
Cody, William P., and Wollan. 2,731,429.
- Allaire, Royal P., A. M. Clogston, and E. Everhart, to the United States of America as represented by the Secretary of War. Tunable magnetron circuit. 2,737,610, 3-6-56, Cl. 315-39.
- All American Engineering Co.: See—  
Cotton, Robert B. 2,760,777.
- Cotton, Robert B., and Doolittle. 2,731,219.
- Doolittle, Donald B. 2,729,405.
- Doolittle, Donald B. 2,771,128.
- Doolittle, Donald B. 2,771,257.
- All American Mfg. Co.: See—  
Chimbole, Anthony M. 2,765,197.
- Allan, John, K. E. Wright, and B. Shaw, to British Celanese Ltd. Emulsion of plasticized cellulose acetate. 2,753,339, 8-14-56, Cl. 18-55.
- Allan, Thomas, to General Precision Laboratory Inc. Adjustable rocking mechanism. 2,757,543, 8-7-56, Cl. 74-25.
- Allan, William J.: See—  
Allard, Arthur R., and Allan. 2,739,204.
- Allard, Arthur R.: See—  
Ulery, John C., and Allard. 2,749,909.
- Allard, Georges. Electrical circuit-breakers. 2,741,681, 4-10-56, Cl. 200-116.
- Allard, Georges. Electric cut-out switches. 2,768,262, 10-23-56, Cl. 200-116.
- Allard, Pierre J. M. T. Device for aiding the displacement of vehicles over loose ground. 2,735,963, 2-7-56, Cl. 301-41.
- Alibert, Eugene F., and R. W. Moore, to Westinghouse Electric Corp. Reel and tension control system. 2,748,329, 5-29-56, Cl. 318-3.
- Albright, Dennis H., to Dunlop Rubber Co. Ltd. Locking mechanism for fluid pressure operated devices. 2,771,060, 11-20-56, Cl. 121-40.
- Albright-Nell Co., The: See—  
Downey, Lester S., and Illsey. 2,763,343.
- Alley, Ralph W. 2,757,637.
- Albritton, Roy. Screw-actuated vise having replaceable fixed and movable jaws. 2,764,047, 9-25-56, Cl. 81-33.

- Allredge, Marshall H., to Thompson Products, Inc. Joint. 2,755,116, 7-17-56, Cl. 287-90.
- Aldritt, Delia M., *See* Aldritt, Lawrence L. and D. M.
- Aldritt, Lawrence L. and D. M. 2,746,674.
- Aldritt, Lawrence L. and D. M. Ventilating fans. 2,746,674, 5-22-56, Cl. 230-259.
- Allegheny Ludlum Steel Corp., *See*—
- Alexander, Ernst F. W. 2,768,413.
- Altshuler, George L. 2,748,787.
- Breeler, Walter R. 2,763,545.
- Dyrkacz, Wasil W., Pitler, and Reynolds. 2,764,481.
- Dyrkacz, Wasil W., Reynolds, and Blatz. 2,763,547.
- Easton, Rufus. 2,743,492.
- Easton, Rufus, and Wilson. 2,772,455.
- Ganloff, Albert C. 2,775,301.
- Herres, Schuyler A. 2,734,244.
- Herres, Schuyler A. 2,763,903.
- Herres, Schuyler A., and Redden. 2,740,711.
- Herres, Schuyler A., and Southern. 2,752,262.
- Kiefer, George C., and Ferree. 2,772,992.
- Maxwell, George R., Jr. 2,765,246.
- McKnight, Charles H., and Thompson. 2,738,295.
- Perry, Paul E. 2,753,282.
- Reese, Garland W., Jr., and Schmidt. 2,745,731.
- Southern, Raymond L. 2,734,240.
- Southern, Raymond L., and Ely. 2,734,241.
- Allegretti, Dante M., and L. P. Brunette. Adjustable control ring. 2,770,889, 11-20-56, Cl. 33-214.
- Alleman, Carl E., to Phillips Petroleum Co. Solids flow control apparatus. 2,729,547, 1-3-56, Cl. 23-284.
- Alleman, Carl E., to Phillips Petroleum Co. Pebble flow control apparatus. 2,747,477, 4-10-56, Cl. 23-283.
- Allen, Albert J., to Anchor Mfg. Co. Dual protection gas meter by-pass. 2,748,600, 6-5-56, Cl. 73-201.
- Allen, Albert J., to Anchor Mfg. Co. Gas meter by-pass operator. 2,748,800, 6-5-56, Cl. 137-637.1.
- Allen, Alden W., to Anchor Mfg. Co. 2,742,970.
- Bauman, Merritt R., and Allen. 2,742,970.
- Allen, Alexander C., *See*—
- Kennedy, Merritt T., Jr., and Allen. 2,747,078.
- Allen, Alfred W. Apparatus for applying a plastic coating to threads, yarns, etc. 2,736,289, 8-28-56, Cl. 118-48.
- Allen, Arthur C., to Stewart-Warner Corp. Apparatus for indicating the characteristics of unbalance in rotatable masses. 2,737,813, 3-13-56, Cl. 73-468.
- Allen, Arthur C., to Stewart-Warner Corp. Space heater control. 2,740,862, 4-3-56, Cl. 200-122.
- Allen, Arthur W. Automatic winding device for sewing machines. 2,745,532, 5-29-56, Cl. 112-218.
- Allen, Austin O., T. M. Murray, and F. P. Liberti, to Vita-Var Corp. Fire retardant paint. 2,754,217, 7-10-56, Cl. 106-15.
- Allen-Bradley Co., *See*—
- Allen, William F., and Matthias. 2,755,354.
- De Snidt, Woodrow A. 2,743,373.
- Glogau, Manfred L., and Matthias. 2,762,876.
- Kurth, Clarence F., and Purdy. 2,765,395.
- Matthias, Lynn H. 2,743,326.
- Perkins, Laurence M. 2,767,270.
- Allen, Charles F. H., *See*—
- Priest, William J., and Allen. 2,739,059.
- Allen, Charles F. H., and P. W. Vittum, to Eastman Kodak Co. Heterocyclic antistain agents. 2,735,764, 2-21-56, Cl. 95-6.
- Allen, Charles F. H., and H. R. Beilfuss, to Eastman Kodak Co. Stabilized photographic silver halide emulsions. 2,735,769, 2-21-56, Cl. 95-7.
- Allen, Charles F. H., and L. M. Minsk, to Eastman Kodak Co. Sulfonic acids of polymers containing aromatic groups. 2,735,841, 2-21-56, Cl. 260-79.3.
- Allen, Charles F. H., and G. A. Reynolds, to Eastman Kodak Co. Stabilized photographic silver halide emulsions. 2,743,181, 4-24-56, Cl. 95-7.
- Allen, Charles F. H., and J. A. Van Allan, to Eastman Kodak Co. Aminomethyl-substituted aroylresorcinols. 2,763,657, 9-18-56, Cl. 260-294.7.
- Allen, Charles F. H., and J. J. Sagura, to Eastman Kodak Co. Photographic silver halide emulsions containing 1-thia-3,5,7-triazindenes. 2,772,164, 11-27-56, Cl. 96-109.
- Allen, Charles F. H., and J. R. Byers, Jr., to Eastman Kodak Co. 3-pyrazindones. 2,772,282, 11-27-56, Cl. 260-310.
- Allen, Charles S. Motor driven spot and lint removing fountain brush. 2,740,977, 4-10-56, Cl. 15-24.
- Allen, Charles S., Jr. Thread removing apparatus. 2,774,111, 12-18-56, Cl. 19-90.
- Allen, Claude V., to The Cardwell Machine Co., Inc. Stationary tooth mounting for a rotary type thresher. 2,760,492, 8-28-56, Cl. 130-27.
- Allen, Clyde H. French fried onion rings and the method of making same. 2,771,370, 11-20-56, Cl. 99-193.
- Allen, Disney, and M. A. Stokes, to Armstrong Siddleley Motors Ltd. Means for providing working fluid for a fluid operable starter motor for a prime mover. 2,729,060, 1-3-56, Cl. 60-39.14.
- Allen, Donald G., *See*—
- Schneider, Arthur W., Cooperman, and Allen. 2,741,667.
- Allen, Donald K. Folding chair. 2,767,776, 10-23-56, Cl. 153-148.
- Allen, Edward A. Automatic pistol. 2,744,448, 5-8-56, Cl. 89-9.
- Allen, Edward M., to Columbia-Southern Chemical Corp. Heat insulation composition and preparation thereof. 2,754,547, 7-17-56, Cl. 18-47.5.
- Allen, Edwin L., to R. I. Schonitzer. Detachable lock rod connection. 2,734,761, 2-14-56, Cl. 292-216.
- Allen, Edwin L., to R. I. Schonitzer. Latch actuating and locking mechanism. 2,759,351, 8-21-56, Cl. 70-141.
- Allen, Francis E. Caulking tool. 2,761,199, 9-4-56, Cl. 29-235.
- Allen, Frank B., to C-O-Two Fire Equipment Co. Fire extinguisher discharge device. 2,736,388, 2-28-56, Cl. 169-111.
- Allen, Frank B., to C-O-Two Fire Equipment Co. Fire extinguisher discharge device. 2,737,250, 3-6-56, Cl. 169-111.
- Allen, Frank B., to C-O-Two Fire Equipment Co. Fire extinguisher discharge device. 2,737,251, 3-6-56, Cl. 169-111.
- Allen, Frank B., and N. H. Siebens, to Pyrene-C-O-Two Corp. Fire extinguisher nozzle retaining means. 2,747,822, 5-29-56, Cl. 248-79.
- Allen, Gene, to Gilbert Wheel, Inc. Wheel with tangential spokes. 2,761,485, 9-4-56, Cl. 152-75.
- Allen, George T., *See*—
- Isreel, Jack, and Allen. 2,748,786.
- Allen, George W., to The Singer Mfg. Co. Magnetic amplifier control device for an electromagnet clutch. 2,769,931, 11-6-56, Cl. 310-95.
- Allen & Hanbury Ltd., *See*—
- Woodhall, Harold. 2,741,248.
- Allen, Henry H., to Bemis Bros. Bag Co. Bag closure. 2,767,785, 8-28-56, Cl. 229-62.
- Allen, Henry H., to British Celanese Ltd. Coil-retaining device. 2,760,735, 8-28-56, Cl. 242-76.
- Allen, Herbert, to Cameron Iron Works, Inc. Valve mechanism. 2,749,082, 6-5-56, Cl. 251-162.
- Allen, Herbert, to Cameron Iron Works, Inc. Pipe hanger and seal assembly. 2,768,843, 10-30-56, Cl. 285-23.
- Allen, Herbert, and M. T. Works, to Cameron Iron Works, Inc. Mechanical movement for converting rotary movement to linear, then rotary, then reverse linear movement. 2,748,003, 6-5-56, Cl. 74-22.
- Allen, Herbert, M. T. Works, and J. P. Oliver, to Cameron Iron Works, Inc. Blowout preventer. 2,752,119, 6-26-56, Cl. 251-1.
- Allen, Herbert, M. T. Works, and M. R. Jones, to the United States of America as represented by the Secretary of the Navy. Retractable arbor missile projector. 2,766,634, 7-24-56, Cl. 89-1.
- Allen, Herman C., *See*—
- Russell, William W., and Allen. 2,733,998.
- Allen, Horace C., to Radio Corp. of America. Pulse echo altimeter with sensitivity time control. 2,738,503, 3-13-56, Cl. 343-17.1.
- Allen, Howard G., to American Machine & Foundry Co. Band-applying machine and method. 2,732,115, 1-24-56, Cl. 226-80.
- Allen, Howard G., T. M. Wright, and E. R. Kenison, to Multi-wall Research Institute, Inc. Bag valving and sleeving apparatus. 2,736,334, 4-3-56, Cl. 93-8.
- Allen, Howard G., and C. D. Thomas, to Daystrom Inc. Conveyor for collapsible tube finishing machine. 2,761,540, 9-4-56, Cl. 198-19.
- Allen, Howard G., and O. M. Hudson, to American Machine & Foundry Co. Pretzel machine. 2,769,407, 11-6-56, Cl. 167-10.
- Allen Industries, Inc., *See*—
- Cyr, Joseph E. 2,758,036.
- Allen, James V. Conveyor chain for use in heat treating furnaces. 2,743,003, 4-24-56, Cl. 198-189.
- Allen, John L., to The Glenn L. Martin Co. Air flow restrictor for ports. 2,738,710, 3-20-56, Cl. 89-37.5.
- Allen, John L. Heat exchange apparatus. 2,736,533, 2-28-56, Cl. 257-241.
- Allen, Jonathan K., to Allen Padex Corp. Padding for ironer roll. 2,757,412, 8-7-56, Cl. 29-123.
- Allen, Joseph C., to The Texas Co. Method of increasing recovery from a subsurface oil or condensate reservoir. 2,736,381, 2-28-56, Cl. 166-9.
- Allen, Joseph C., to The Texas Co. Production of formation-clogging liquid hydrocarbons. 2,765,850, 10-9-56, Cl. 166-10.
- Allen, Kenneth C., D. A. Meeker, and E. A. Reussenzehn, to The Hobart Mfg. Co. Computing scale having magnifying means. 2,742,811, 4-24-56, Cl. 88-1.
- Allen, Kenneth M., *See*—
- Harper, Chester H., and Allen. 2,735,255.
- Allen, Louis N., Jr., to Concentrating process and apparatus. 2,770,295, 11-13-56, Cl. 159-16.
- Allen, Louis N., Jr., and H. G. Bockino, to Chemical Construction Corp. Co coag precipitation from Ni-Co solutions. 2,735,760, 2-21-56, Cl. 75-119.
- Allen, Louis N., Jr., to Foster D. Snell, Inc. Curling rod for use in the cold permanent waving of hair. 2,747,585, 5-29-56, Cl. 132-42.
- Allen, Lyman S., to Monsanto Chemical Co. Process of preparing colloidal silica aqasols. 2,741,600, 4-10-56, Cl. 252-313.
- Allen, Maurice L., *See*—
- Anderson, Herbert H., and Allen. 2,750,585.
- Allen-Neil, *See*—
- Neil, James M., and Keesling. 2,758,620.
- Allen, Oliver L., to Electrolux Corp. Removable tool holder for vacuum cleaner. 2,747,214, 5-29-56, Cl. 15-323.
- Allen, Oliver L., to Electrolux Corp. Continuously adjustable control device for automatic vacuum cleaners. 2,764,256, 9-25-56, Cl. 183-37.
- Allen Padex Corp., *See*—
- Allen, Jonathan K. 2,757,442.



- Allen, Paul C. B., to Owens-Illinois Glass Co. Regenerator furnaces. 2,742,275, 4-17-56, Cl. 263-15.
- Allen, Philip H., and B. J. Chromy. Light responsive calculating machine controls. 2,751,148, 6-19-56, Cl. 235-61.
- Allen, Raymond P. Reinforcing pigments containing lignin and hydrated silica or silicate. 2,763,238, 10-2-56, Cl. 106-306.
- Allen, Robert K., and J. H. Coulter, Jr., to The Babcock & Wilcox Co. Apparatus for oxidizing residual pulp liquor. 2,758,017, 8-7-56, Cl. 23-283.
- Allen, Ronald C. J., See—
- Allen, Stevens, Sydney A., Duckitt, and Allen. 2,742,579.
- Allen, Russell G., to Owens-Illinois Glass Co. Mold closing mechanism. 2,748,536, 6-5-56, Cl. 49-41.
- Allen, Scott E., to C-O-Two Fire Equipment Co. Fire extinguisher with insulated cage. 2,738,020, 3-13-56, Cl. 169-31.
- Allen, Scott E., to Pyrene-C-O-Two Corp. Closure for fluid container. 2,741,318, 4-10-56, Cl. 169-31.
- Allen, Scott E., to The Fry-Fyter Co. Fire extinguisher adapter. 2,767,797, 10-23-56, Cl. 169-31.
- Allen, Seth. Anti-kicking type animal restraining device. 2,762,334, 9-11-56, Cl. 119-126.
- Allen-Sherman-Hoff Co., The: See—
- Mytling, Lauritz E. 2,757,987.
- Allen, Sidney, to Armstrong Siddeley Motors Ltd. Minimizing fire risk when operating rockets, gas-generators or the like. 2,761,282, 9-4-56, Cl. 60-39.09.
- Allen, Sidney, to Armstrong Siddeley Motors Ltd. Rocket motors. 2,774,216, 12-18-56, Cl. 60-35.6.
- Allen, Thomas E. Corner lock for bedsteads. 2,728,923, 1-3-56, Cl. 5-294.
- Allen, Tull C., and D. H. Chadwick, to Monsanto Chemical Co. Methods of producing organic isocyanates. 2,733,254, 3-31-56, Cl. 260-453.
- Allen, Wayne H.: See—
- Barr, Malcolm J. 2,731,240.
- Allen, W. D., Mfg. Co.: See—
- Pokryfke, John A. 2,753,142.
- Allen, William S.: See—
- Bernstein, Seymour, and Allen. 2,755,276.
- Allen, William W.: See—
- Thompson, Donald F., and Allen. 2,764,594.
- Allenbaugh, George G., to Akron Brass Mfg. Co., Inc. Nozzle valves. 2,763,826, 8-28-56, Cl. 299-144.
- Allenby, William F.: See—
- Forstrom, Edward E., and Allenby. 2,763,739.
- Forstrom, Edward E., and Allenby. 2,773,139.
- Allendorf, Friedrich, and O. Baur, to Robert Bosch GMBH. Spiral springs and vibration-damping means therefor. 2,733,014, 2-5-56, Cl. 267-1.
- Aller, Basil V.: See—
- Bewley, Thomas, and Aller. 2,734,921.
- Aller, Julius. Protective cap for lead-acid storage batteries. 2,758,147, 8-7-56, Cl. 136-177.
- Aller, Paul B., and S. E. Hotchkiss. Differential synchro. 2,772,374, 11-27-56, Cl. 310-115.
- Aller, Willis F., to The Sheffield Corp. Size gauging device. 2,737,727, 3-13-56, Cl. 33-178.
- Aller, Willis F., to The Sheffield Corp. Gauging device for bearings. 2,746,159, 5-22-56, Cl. 33-174.
- Aller, Willis F., to The Sheffield Corp. Pneumatic gauging device. 2,749,742, 6-12-56, Cl. 73-37.9.
- Aller, Willis F., to The Sheffield Corp. Bore gauging device. 2,763,067, 9-18-56, Cl. 33-178.
- Aller, Willis F., to The Sheffield Corp. Pneumatic gauging device. 2,775,117, 12-25-56, Cl. 73-37.8.
- Allergists Supply Co., Inc.: See—
- Axelrad, Sol. 2,756,747.
- Allerton, George L., to Western Electric Co., Inc. Reflex klystron oscillator. 2,775,702, 12-25-56, Cl. 250-36.
- Allerton, George L., and G. L. Prudhon, to Western Electric Co., Inc. Forming circuit for semi-conductive translating devices. 2,762,661, 7-3-56, Cl. 29-25.3.
- Alles, Francis P., to E. I. du Pont de Nemours and Co. Process for longitudinally stretching polymeric film. 2,767,435, 10-23-56, Cl. 18-48.
- Alles, Francis P., and K. A. Heilman, to E. I. du Pont de Nemours and Co. Apparatus for stretching webs. 2,728,941, 1-3-56, Cl. 18-1.
- Alles, Francis P., and W. R. Saner, to E. I. du Pont de Nemours & Co. Preparation of polyalkylene terephthalates. 2,758,105, 8-7-56, Cl. 260-75.
- Allewett, Arthur L., to American Viscose Corp. Compositions comprising reaction products of cellulose thiourethanes and acrylic acid derivatives. 2,748,010, 5-29-56, Cl. 106-186.
- Allewett, Arthur L., to American Viscose Corp. Cellulose derivative compositions. 2,748,091, 5-29-56, Cl. 260-17.
- Allewett, Arthur L., to American Viscose Corp. Thiourethanes of cellulose ethers. 2,748,109, 5-29-56, Cl. 260-216.
- Allewett, Arthur L., to American Viscose Corp. Thiourethanes of cellulose ethers. 2,748,110, 5-29-56, Cl. 260-216.
- Allewett, Arthur L., to American Viscose Corp. Process for the acetylation of regenerated cellulose fibers and product resulting therefrom. 2,772,944, 12-4-56, Cl. 8-121.
- Algaier, Earl L. Driver training equipment. 2,742,714, 4-24-56, Cl. 35-11.
- Allgemeine Holampfenlegung G. m. b. H.: See—
- Kraemer, Gustav-Dietrich. 2,739,421.
- Alliance Ware, Inc.: See—
- Bowden, William H. 2,761,407.
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- Rodman, Clarence J. 2,774,678.
- Allibe, Aime L. H., to The Black-Clawson Co. Refining paper pulp. 2,741,954, 4-17-56, Cl. 92-27.
- Allied Chemical & Dye Corp.: See—
- Anderson, Norman L. 2,775,582.
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- Auvil, Harvey S., and Schmidt. 2,768,977.
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- Calfee, John D., and Miller. 2,734,090.
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- Kress, Bernard H. 2,735,825.
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- Allied Plastics Co.: See—
- Crane, Walton B. 2,743,050.
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- Allied Thermal Corp.: See—
- Tutt, Richard D. 2,750,865.
- Tutt, Richard D., and Davis. 2,736,255.
- Allin, Willard W. Flush valve for toilet flush tanks. 2,738,516, 3-20-56, Cl. 4-57.
- Allinson, Neil. Gun cleaning rod. 2,774,090, 12-18-56, Cl. 15-104.165.
- Allis-Chalmers Mfg. Co.: See—
- Albrecht, William B. 2,754,396.
- Albrecht, William B. 2,754,397.
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- Allison, Albert R., A. D. Delman, and B. B. Simms, to the United States of America as represented by the Secretary of the Navy. Method of testing antioxidant chemicals. 2,771,777, 11-27-56, Cl. 73-432.  
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 Allison, Hugh V., to American Chain and Cable Co., Inc. Abrasive cutting wheels, 2,735,243, 2-21-56, Cl. 51-207.  
 Allison, Kenneth C., to Grigsby-Allison Co., Inc. Electric switch construction, 2,755,347, 7-17-56, Cl. 200-11.  
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 Allman, Jack S., R. C. Allman, executrix to herself. Fishing lure, 2,741,058, 4-10-56, Cl. 43-42.24.  
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- Allward, George A. Game racket construction, 2,742,289, 4-17-56, Cl. 273-73.  
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- Allwood Inc.: See—  
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- Allyn, Charles S., Jr., to The National Cash Register Co. Duplicating apparatus for making magnetic records, 2,743,988, 5-1-56, Cl. 348-74.  
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- Almond, Joseph M.: See—  
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- Almen, John O., and W. L. Carnegie, to General Motors Corp. Clutch with porous compressible friction linings, 2,733,797, 2-7-56, Cl. 192-107.  
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- Almeras, Paul, to Etablissements Neyrpic. Speed regulators for turbines, 2,737,962, 3-13-56, Cl. 137-26.
- Almond, Lawrence H., to Tennessee Valley Authority. Furnace for defluorinating phosphate rock, 2,770,451, 11-13-56, Cl. 263-29.
- Almoslino, Hans A. Climbing toy, 2,766,551, 10-16-56, Cl. 46-132.
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- Almquist, Nils T., 50% to Raymond Engineering Laboratory, Inc. Butt hole attachment for sewing machines, 2,733,674, 2-7-56, Cl. 112-77.
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- Aloe, A. S., Co.: See—  
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- Alozy, Nicholas J. G., and W. P. Given, to The M. W. Kellogg Co. Combination cracking process. 2,745,794, 5-15-56, Cl. 196-49.
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- Alpert, Marshall B., and R. L. Powell, to National Lead Co. Electrolytic production of titanium metal. 2,741,588, 4-10-56, Cl. 204-64.
- Alpert, Marshall B., and J. A. Hamilton, to National Lead Co. Electrolytic cell of the diaphragm type. 2,760,930, 8-28-56, Cl. 204-246.
- Alpert, Norman, and H. E. Vermillion, to The Texas Co. Process for selectively polymerizing diolefins. 2,751,331, 6-19-56, Cl. 196-39.
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- Alschuler, Richard: See—  
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- Alsen, Frederick A. Shoe shine service sets. 2,772,437, 12-4-56, Cl. 15-265.
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- Alsop, William G., to Colgate-Palmolive Co. Process for preparing fatty acid partial esters of polyhydric alcohols. 2,744,124, 5-1-56, Cl. 260-410.7.
- Alstgen, Paul L., to Union Carbide and Carbon Corp. Bore mining apparatus with strata sensing means. 2,741,468, 4-10-56, Cl. 262-26.
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- Alstrom, Albert I., to Globe-Union Inc. Breaker point mechanism. 2,773,113, 12-4-56, Cl. 123-146.5.
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- Altwickler, Hubert J. Method and apparatus for producing tapered structural elements. 2,758,369, 8-14-56, Cl. 29-552.
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 Douglas, Robert R., 2,741,122.  
 Douglas, Robert R., 2,753,712.  
 Gray, Robert B., 2,747,814.  
 Weingard, Archie E., 2,760,799.  
 American Molded Products Co.: *See*—  
 Hultgren, Arnold P., 2,766,947.  
 Tellen, Chester J., 2,775,411.  
 American Monorail Co., The: *See*—  
 Miller, Carroll de V., and Becker, 2,729,845.  
 American Motors Corp.: *See*—  
 Cossin, Hurstle E., 2,758,454.  
 Doeg, Ralph W., 2,752,943.  
 Kishline, Floyd F., 2,757,647.  
 Kishline, Floyd F., Phelps, and Volgt, 2,733,933.  
 Philipp, Lawrence A., 2,758,651.  
 Philipp, Lawrence A., 2,738,632.  
 Philipp, Lawrence A., 2,745,255.  
 Ulrich, Theodore, 2,747,920.  
 Ulrich, Theodore, 2,764,221.  
 Ulrich, Theodore, 2,767,422.  
 American Oil Co., The: *See*—  
 Binder, Thomas P., and Carroll, 2,738,964.  
 Fulton, William C., 2,764,621.  
 Haven, Allan M., 2,771,776.  
 Isbell, Arthur F., and Wadsworth, 2,768,969.  
 Kelly, Joe T., and Lee, 2,758,960.  
 Kelly, Joe T., Wadsworth, and Lee, 2,759,027.  
 Kirkland, Earl V., 2,740,819.  
 Kirkland, Earl V., 2,754,341.  
 Schapiro, Sylvan B., and Hopkins, 2,768,934.  
 American Optical Co.: *See*—  
 Baratelli, Charles A., 2,738,054.  
 Baratelli, Charles A., 2,739,636.  
 Baratelli, Charles A., 2,738,309.  
 Baratelli, Charles A., 2,758,707.  
 Barnes, Robert B., 2,734,142.  
 Beltz, Richard C., 2,751,538.  
 Bennett, Alva H., and Kavanagh, 2,737,084.  
 Boyd, Walter R., and Gruppone, 2,748,764.  
 Brown, Morden G., Robins, and Legan, 2,737,079.  
 Carmichael, Walter C., 2,764,286.  
 Cole, Thomas R., 2,755,706.  
 Clotar, Gilbert, 2,749,801.  
 Critoph, David I., Herrmann, and Wolford, 2,734,421.  
 De Angelis, Arnold, 2,739,924.  
 Dillon, Oscar W., 2,748,630.  
 Dillon, Oscar W., 2,749,671.  
 Dillon, Oscar W., 2,775,074.  
 Ellis, Charles A., 2,758,308.  
 Ellis, Charles A., 2,764,058.  
 Folland, Willard E., and Ellis, 2,771,878.

- American Optical Co. : *See*—Continued  
 Gagon, Louis L. 2,749,800.  
 Hudson, Richard D., Jr. 2,738,701.  
 Hudson, Richard D., Jr., and Tillyer. 2,756,928.  
 Kavanagh, Arthur J. 2,730,925.  
 Mahler, Joseph. 2,759,818.  
 Osterberg, Harold. 2,732,759.  
 Petri, Jan E., and B. P. and L. L. Gagnon. 2,758,508.  
 Robins, Richard S. 2,739,228.  
 Robinson, James E. 2,744,954.  
 Schumacher, Elmer L., and De Angelis. 2,731,882.  
 Silverberg, Carl G. 2,764,491.  
 Thorburn, Milton R. 2,757,574.  
 Tripp, Walter C. 2,736,993.  
 Vaughan, William. 2,732,623.  
 Vaughan, William. 2,734,322.  
 Vaughan, William. 2,755,553.  
 Vaughan, William. 2,755,523.  
 Young, David G. 2,761,797.
- American Pad & Textile Co., The : *See*—  
 Marc, Henri. 2,742,951.
- American Permanent Wear Co. : *See*—  
 McGinley, William L. 2,771,332.
- American Phenolic Corp. : *See*—  
 Klostermann, Curt W. 2,757,351.  
 Krueger, Ringland M. Re. 2,4154.
- American Pipe and Construction Co. : *See*—  
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- American Plastics Corp. : *See*—  
 Parsons, John A. 2,736,897.
- American Platinum Works, The : *See*—  
 Bayes, Ross, and Aull. 2,729,558.  
 Greenspan, Lawrence. 2,735,808.  
 Greenspan, Lawrence. 2,735,809.
- American Potash & Chemical Corp. : *See*—  
 Suhr, Henry B. 2,738,254.
- American Pulley Co., The : *See*—  
 Bennett, Richard A. 2,747,709.  
 Christian, Joseph D. 2,736,210.
- American Radiator & Standard Sanitary Corp. : *See*—  
 Hurko, Bohdan. 2,762,058.  
 Hurko, Bohdan, and Robare. 2,773,268.  
 Kaul, Ben. 2,748,464.  
 Kaul, Ben. 2,748,932.  
 Kaul, Ben. 2,751,676.  
 O'Brien, Gilbert G. 2,754,746.  
 Phillips, Gerard D., Jr. 2,775,135.  
 Stanitz, Jacques, Ullman, and Habe. 2,752,927.  
 Tinker, Townsend. 2,753,954.  
 Tinker, Townsend. 2,761,671.  
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 Turbick, Joseph M. 2,764,930.
- American Road Equipment Co. : *See*—  
 Stuart, Donald R. 2,750,057.
- American Rondo Corp., The : *See*—  
 Davidson, Alfred G., Jr. 2,747,787.
- American Safety Razor Co. : *See*—  
 Glenn, Robert E. 2,743,021.  
 Ringlen, Arthur G., and Svirchev. 2,751,074.
- American Saw & Tool Co. : *See*—  
 Cowley, William E. 2,731,991.  
 McCord, Wm. 2,762,407.
- American Screen Products Co. : *See*—  
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- American Seating Co. : *See*—  
 Barecki, Chester J. 2,748,835.  
 Barecki, Chester J. 2,754,688.  
 Barecki, Chester J. 2,760,737.  
 Barecki, Chester J., and Nordmark. 2,768,256.  
 Greacen, Edmund. 2,760,838.  
 Henriksen, Bror W., Hoven, Nordmark, and Oom. 2,760,556.  
 Henriksen, Bror W., Hoven, Nordmark, and Oom. 2,760,561.  
 Hoven, Alfred C., and Nordmark. 2,729,529.  
 Hoven, Alfred C., and Nordmark. 2,755,844.  
 Morgan, Erving B., Oom, and Spencer. 2,729,275.  
 Nordmark, Walter E. 2,733,111.  
 Runkus, Edward C. 2,748,841.
- American Sisakraft Corp. : *See*—  
 Nickerson, Franklin G., Jr. 2,736,679.  
 Stevenson, Allan B. 2,733,178.  
 Stevenson, William N. 2,739,092.
- American Smelting and Refining Co. : *See*—  
 Griffith, John D. 2,767,023.  
 Hollander, Max L., and Lebedeff. 2,772,230.  
 Lawrence, Kenneth L., Croasdale, and Spaulding. 2,742,415.  
 Lebedeff, Yurri E., Stone, and von Stein. 2,775,509.  
 Muse, Robert B. 2,757,441.  
 Smart, John S., Jr. 2,740,177.
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 Bachman, Fred E. 2,733,782.  
 Bachman, Fred E. 2,745,518.  
 Bachman, Fred E. 2,762,468.  
 Bachman, Fred E. 2,775,322.  
 Bachman, Fred E., and Seelman. 2,765,879.  
 Baselt, Walter H. 2,751,047.  
 Buvelot, John A. 2,730,206.  
 Buvelot, John A. 2,747,264.  
 Buvelot, John A. 2,749,139.  
 Carlson, Hilmar C., and Noble. 2,753,961.  
 Casey, William J., III. 2,770,329.  
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- American Steel Foundries : *See*—Continued  
 Coskun, Mehmet K. 2,730,048.  
 Coskun, Mehmet K. 2,738,185.  
 Coskun, Mehmet K. 2,762,316.  
 Cottrell, Robert B. 2,740,624.  
 Cottrell, Robert B. 2,743,682.  
 Cottrell, Robert B. 2,747,861.  
 Cottrell, Robert B. 2,759,567.  
 Cottrell, Robert B. 2,762,467.  
 Cottrell, Robert B. 2,768,755.  
 Cottrell, Robert B., and Leisk. 2,751,051.  
 Crabtree, George W. 2,773,456.  
 De Groot, Richard, and Kratochvil. 2,748,632.  
 Heater, Charles L. Re. 2,4176.  
 Heater, Charles L., and Clasen. 2,751,857.  
 Heater, Charles L., and Seelig. 2,747,519.  
 Heater, Charles L., and Tack. 2,759,566.  
 Johnson, Milton R. 2,733,959.  
 Kayler, Frank H. 2,743,822.  
 Kayler, Frank H. 2,749,144.  
 Kayler, Frank H. 2,752,049.  
 Kayler, Frank H. 2,756,074.  
 Kowalik, John J. 2,749,113.  
 Lindsey, Robert J. 2,740,540.  
 Maatman, Ebert J. 2,751,856.  
 McGuire, Bernard J. 2,772,876.  
 Misie, Donald M. 2,738,203.  
 Neumann, Otto W. 2,767,976.  
 Nolan, Michael E. 2,765,829.  
 Opsahl, Eugene G. 2,751,050.  
 Opsahl, Eugene G. 2,762,465.  
 Schlegel, Walter L., Jr. 2,730,049.  
 Schlegel, Walter L., Jr. 2,740,623.  
 Schlegel, Walter L., Jr. 2,766,036.  
 Sedgwick, Robert K. 2,750,744.  
 Tack, Carl E. 2,732,043.  
 Tack, Carl E. 2,734,255.  
 Tack, Carl E. 2,746,672.  
 Tack, Carl E. 2,751,046.  
 Tack, Carl E. 2,765,850.  
 Tack, Carl E. 2,768,713.  
 Tack, Carl E. 2,769,512.  
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 Watts, Raymond. 2,769,509.  
 Whitney, Loren L. 2,757,764.
- American Sterilizer Co. : *See*—  
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- American Sundries Co. : *See*—  
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- American Sugar Refining Co., The : *See*—  
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- American Syntex Inc. : *See*—  
 Djerassi, Carl, and Rosenkranz. 2,735,855.  
 Rosenkranz, George, Pataki, and Djerassi. 2,733,240.
- American Tansul Co. : *See*—  
 Peter, Bud J. 2,745,760.  
 Peter, Bud J. 2,748,761.
- American Telephone and Telegraph Co. : *See*—  
 Bonnesen, Elmer J. 2,734,098.  
 Britt, Horace J. 2,739,180.  
 Carroll, William R. 2,761,922.  
 Foley, Daniel E., and Key. 2,761,896.  
 Hanley, Frank H. 2,734,935.  
 Laube, Otto T. 2,763,845.  
 Martin, Wade B. 2,750,446.  
 Martin, Wade B. 2,764,763.  
 Morris, Richard S., Jr. 2,771,511.  
 Perry, Donald B. 2,734,936.  
 Rhodes, Harold A. 2,755,445.  
 Vaupel, Ernest W. 2,755,345.  
 Whyman, Walter W. 2,759,144.  
 Yeomans, Lucien O. 2,736,884.
- American Television Mfg. Corp., Inc. : *See*—  
 Sanabria, John M., and Skwario. 2,745,981.
- American Thermos Co., The : *See*—  
 Darmstadt, Louis J., and Fuller. 2,741,387.
- American Thermo-Ware Co. : *See*—  
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- American Thread Co., The : *See*—  
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- American Tool & Machine Co. : *See*—  
 Tholl, John F. and D. M. 2,754,693.  
 Tholl, John F. and D. M. 2,755,991.
- American Tool Works, The : *See*—  
 Hery, Vincent D., and Rich. 2,736,509.
- American Totalisator Co., Inc. : *See*—  
 Montgomery, John R. 2,745,914.
- American Toy Products Co. : *See*—  
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- American Tractor Equipment Corp. : *See*—  
 Wooldridge, Mack. 2,769,625.
- American Truck Equip. Co. : *See*—  
 Hall, Thomas R. 2,753,055.
- American Type Founders Co., Inc. : *See*—  
 Jepsen, Jens M. 2,755,676.  
 Klingefuss, Eugene H. 2,772,055.
- American Vault Corp. : *See*—  
 Lucas, Cecil A. 2,733,495.
- American Viscose Corp. : *See*—  
 Allowell, Arthur L. 2,748,010.  
 Allowell, Arthur L. 2,748,091.  
 Allowell, Arthur L. 2,748,109.  
 Allowell, Arthur L. 2,748,110.  
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- American Viscose Corp.: *See*—Continued  
 Ballard, Hyde W. 2,730,762.  
 Ballard, Hyde W. 2,731,551.  
 Battista, Orlando A., and Whytlaw. 2,738,060.  
 Bauer, Ernest K. 2,749,055.  
 Bauer, Ernest K. 2,756,481.  
 Bennett, James. 2,747,221.  
 Bramhall, James J., Jr., and Scott. 2,747,250.  
 Britton, Vance B. 2,730,761.  
 Castellani, Carl A. 2,730,761.  
 Collins, Benjamin W. 2,753,272.  
 Conti, John D. 2,739,512.  
 Conti, John D. 2,749,692.  
 Conti, John D. 2,759,548.  
 Cornwell, Ralph T. K. 2,770,555.  
 Cox, Charles W. 2,773,375.  
 Craver, Augustus E. 2,735,156.  
 Cushman, John A. 2,745,640.  
 Dart, Sidney L., and Hollahan. 2,737,806.  
 Denysen, Ivanhoe P., and Rudbarg. 2,773,582.  
 Dooley, William P. 2,735,510.  
 Dooley, William P. 2,764,012.  
 Downing, George. 2,773,588.  
 Dudley, John W. 2,758,919.  
 Duncan, William E., and McCroskus. 2,735,300.  
 Penimore, John R. 2,738,219.  
 Fry, Horace P., Jr. 2,730,898.  
 Fry, Horace P. 2,768,449.  
 Furness, William H. 2,765,071.  
 Furness, William H. 2,765,904.  
 Haley, Hugh D. 2,763,607.  
 Harder, Clarence L., and Wright. 2,773,773.  
 Hargenrater, Quentin. 2,738,176.  
 Harvey, Howard L. 2,760,313.  
 Hull, Richard D., and Nelson. 2,744,373.  
 Hull, Richard D., and Nelson. 2,760,620.  
 Justice, John L. 2,753,338.  
 Long, Frederick F. 2,750,039.  
 McDermott, Henry J. 2,747,913.  
 McDermott, Henry J. 2,768,842.  
 McGinn, James B. 2,762,514.  
 Messmer, Robert C. 2,741,182.  
 Milne, Davis T. 2,744,336.  
 Pape, Harry E. 2,773,555.  
 Pardoe, Charles E. 2,736,073.  
 Pedlow, John W. 2,739,712.  
 Pedlow, John W. 2,775,505.  
 Pedlow, John W. and Cundiff. 2,739,829.  
 Porter, George S., and Corby. 2,768,799.  
 Reichel, Frank H. 2,757,495.  
 Richter, George A., Jr. 2,735,846.  
 Roberts, Ingham S. 2,736,511.  
 Roberts, Charles M., and Brillhart. 2,770,015.  
 Rosser, Charles M., and Brillhart. 2,770,053.  
 Sipsey, Everett T. 2,774,211.  
 Smidth, Leonard. 2,755,509.  
 Tasker, Clinton W. 2,748,596.  
 Tasker, Clinton W. 2,766,568.  
 Vandenburgh, Charles D. 2,752,847.  
 Warner, Sterling W. 2,766,948.  
 Webb, Wesley L. 2,737,831.  
 Williams, James E. 2,774,471.  
 Wollett, Ernest S. 2,746,224.  
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 Cleverly, Robert B. 2,770,476.  
 American Welding and Mfg. Co., The: *See*—  
 Herr, Theodore Z. 2,741,344.  
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 Hayes, Dale I. 2,743,828.  
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 Ahlgren, Axel W. 2,770,759.  
 Ames Harris Neville Co.: *See*—  
 Harris, Lawrence W., Jr. 2,731,998.  
 Ames, James G. Flu heater. 2,737,132, 3-6-56, Cl. 110-97.  
 Ames Textile Co.: *See*—  
 Stevens, Brooks, Jr. 2,766,709.  
 Ames, W. R., Co.: *See*—  
 Sherman, Roger M., and Wong. 2,768,042.  
 Sherman, Roger M., and Mosher. 2,771,904.  
 Ames, William A. Ice cube machine. 2,729,070, 1-3-56, Cl. 62-107.  
 Ames, William L., to Western Electric Co., Inc. Material handling apparatus. 2,739,693, 3-27-56, Cl. 198-21.  
 Ames, William L., to Western Electric Co., Inc. Jacket stripping apparatus. 2,743,632, 5-1-56, Cl. 81-9.51.  
 Amesbury, Robert R., to Uni-Corr Fastener Corp. Fastening device. 2,729,412, 1-8-56, Cl. 248-68.  
 Amherst College, The Trustees of: *See*—  
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 Amiard, Gaston, R. Joly, and L. Velluz, to Les Laboratoires Français de Chimiotherapie. Method of resolving DL-three-1(p-Nitro phenyl)-2-amino propane-1,3-diol. 2,734,919, 2-14-56, Cl. 260-510.6.  
 Amici, Gino. Antioxidizing composition. 2,743,202, 4-24-56, Cl. 148-6.14.  
 Amick, Hubert R. Foot steering apparatus for outboard motor boats. 2,749,872, 6-12-56, Cl. 114-153.  
 Amico, Gaetano V., to the United States of America as represented by the Secretary of the Navy. Angular acceleration effects simulator. 2,741,036, 4-10-56, Cl. 35-12.  
 Amico, Gaetano V., to the United States of America as represented by the Secretary of the Navy. Instrument illuminator. 2,772,051, 12-4-56, Cl. 116-129.  
 Amico, Joseph A. Arch support construction. 2,732,636, 1-31-56, Cl. 36-71.  
 Amiot, Felix. Method for the preservation of fish. 2,766,598, 10-16-56, Cl. 62-170.  
 Amir, Emanuel M., to Esso Research and Engineering Co. Analysis of sulfuric acid. 2,765,218, 10-2-56, Cl. 23-230.  
 Amiralet, Maxime, and P. Destoumieux. Devices for effecting a tight fit between a revolving part and a fixed part. 2,744,772, 5-8-56, Cl. 286-11.  
 Amity Leather Products Co.: *See*—  
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 Amlott, Norman J., to General Motors Corp. Cleaner silencer assembly. 2,748,891, 6-5-56, Cl. 183-15.  
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 Amman, Giuseppe, also known as Gino Amman, to Società per Azioni, F. Tellini, R. Bettielli, and C. Stuch regulating control lever arrangement. 2,729,178, 1-3-56, Cl. 112-158.  
 Ammann, Bernard W., Jr., to The Emerson Electric Mfg. Co. Coil winding machine. 2,736,346, 2-28-56, Cl. 140-92.2.  
 Ammco Tools, Inc.: *See*—  
 Billeter, Henry R. 2,734,319.  
 Billeter, Henry R. 2,763,639.  
 Ammullung, Louis C., Jr., and H. E. F. C. Lingenbrink, to United Specialties Co. Headlamp, ignition, and starter switch. 2,758,164, 8-7-56, Cl. 200-6.  
 Ammon, Roscoe A., to Marion Electrical Instrument Co. Meter test case. 2,740,093, 3-27-56, Cl. 324-74.  
 Ammon, Roscoe A. Sealed instrument case. 2,746,635, 5-22-56, Cl. 220-18.  
 Amo, Ivan J., to M and W Co., Inc. Mechanism for replacing dies of ejection moulding machines. 2,748,434, 6-5-56, Cl. 22-149.  
 Amodio, Michael J. Combination toothbrush and dentifrice receptacle. 2,740,413, 4-3-56, Cl. 132-84.  
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 Amore, Leo J., to Philco Corp. Cabinet construction. 2,746,828, 5-22-56, Cl. 312-214.  
 Amos, James L., and K. E. Coulter, to The Dow Chemical Co. Manufacture of methylstyrene. 2,763,702, 9-18-56, Cl. 260-669.  
 Ampere Electronic Corp.: *See*—  
 Muto, Peter A., and Rauscher. 2,762,929.  
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 Selsted, Walter T. 2,747,025.  
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 Klostermann, Curt W. 2,761,111.  
 Amisco Packaging Machinery, Inc.: *See*—  
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 Sherman, Shimen. 2,753,862.  
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 Hartle, Louis J. 2,744,479.  
 Herman, Carl L. 2,764,398.  
 Amster, Morton: *See*—  
 Lustig, Hans G. 2,753,820.  
 Amsberg, Lester A., to Chicago Pneumatic Tool Co. Reversible impact wrench. 2,745,528, 5-15-56, Cl. 192-30.5.  
 Amsberg, Lester A., to Chicago Pneumatic Tool Co. Torque control clutch device. 2,765,059, 10-2-56, Cl. 192-56.  
 Amsberg, Lester A., to Chicago Pneumatic Tool Co. Torque control for impact wrenches. 2,768,546, 10-30-56, Cl. 81-52.3.  
 Amundsen, Paul D., to Fendall Co. Face shield. 2,763,006, 9-18-56, Cl. 2-8.  
 Amy, Aceves & King, Inc.: *See*—  
 Amy, Ernest V., and Aceves. 2,744,167.  
 Amy, Ernest V., to One piece jamb liner weather strip. 2,728,959, 1-3-56, Cl. 20-82.4.  
 Amy, Christopher C. Spring sash balancer. 2,743,127, 4-24-56, Cl. 292-76.  
 Amy, Ernest V., and J. G. Aceves, to Amy, Aceves & King, Inc. Booster amplifier. 2,744,167, 5-1-56, Cl. 179-171.  
 Anaconda Wire and Cable Co.: *See*—  
 Abrams, Michael. 2,753,521.  
 Connell, Amos C. 2,754,352.  
 Lowe, James. 2,739,528.  
 Snyder, Clermont J., and MacLelland. 2,750,311.  
 Wagner, Clarence, and Essenberg. 2,740,373.  
 Alfred E. and Greenfield. 2,762,770.  
 Anander, Andrew K., to Powers Chemco, Inc. Exposed film receptor for photomechanical cameras. 2,741,962, 4-17-56, Cl. 95-31.  
 Anander, Andrew K., to Powers Chemco, Inc. Photomechanical cameras. 2,741,963, 4-17-56, Cl. 95-34.

- Anander, Andrew K., to Powers Chemco, Inc. Feed mechanism for web material. 2,753,181, 7-8-56, Cl. 271-2.3.
- Anander, Andrew K., to Powers Chemco, Inc. Etching machine. 2,762,151, 9-11-56, Cl. 41-9.
- Anania, James A. Baggage tag. 2,768,458, 10-30-56, Cl. 40-21.
- Anas, Thomas: *See—*
- Elmer, Curtis, Anas and Rider. 2,740,736.
  - Elmer, Curtis, Anas and Rider. 2,740,737.
  - Elmer, Curtis, Anas and Rider. 2,740,738.
- Anastasia, Angelo. Safety belt for vehicles. 2,775,288, 12-25-56, Cl. 155-139.
- Anchor Hocking Glass Corp.: *See—*
- Crabtree, Harold L. 2,772,012.
  - Gora, Henry Z. 2,745,135.
  - Herrold, Gordon W., and Pouse. 2,767,235.
  - Stover, Harry E. 2,749,388.
  - Stover, Harry E. 2,772,013.
- Anchor Mfg. Co.: *See—*
- Allen, Albert J. 2,748,600.
  - Allen, Albert J. 2,748,600.
  - Johansson, Ernest G. 2,747,049.
  - Johansson, Ernest G. 2,747,050.
- Anchor Slide Fastener Corp.: *See—*
- Waldman, Daniel, and Silver. 2,753,182.
- Anchorage Plastics Corp.: *See—*
- Westfall, John W. 2,758,321.
- Anco, Inc.: *See—*
- Stevenson, Robert. 2,729,228.
  - Stevenson, Robert. 2,729,234.
  - Stevenson, Robert. 2,729,235.
  - Stevenson, Robert. 2,731,035.
  - Stevenson, Robert. 2,732,450.
  - Stevenson, Robert. 2,744,938.
  - Stevenson, Robert. 2,745,434.
  - Stevenson, Robert. 2,750,956.
  - Stevenson, Robert. 2,752,177.
- Andean Corp.: *See—*
- Tolman, John A. 2,742,111.
  - Tolman, John A. 2,752,672.
- Ander, Eric B., to Minneapolis-Honeywell Regulator Co. Electric control terminal. 2,754,491, 7-10-56, Cl. 339-272.
- Anderau, Walter: *See—*
- Seitz, Karl, and Anderau. 2,763,641.
- Andenberg, A. W. Mfg. Co.: *See—*
- Andenberg, Axel W., and Blakemore. 2,766,489.
  - Andenberg, Axel W., and Blakemore. 2,766,490.
  - Andenberg, Axel W., and W. F. Blakemore, to A. W. Andenberg Mfg. Co. Face plate construction for spring sash balance. 2,766,489, 10-16-56, Cl. 20-12.
  - Andenberg, Axel W., and W. F. Blakemore, to A. W. Andenberg Mfg. Co. Window frame construction. 2,766,490, 10-16-56, Cl. 20-12.
- Anderie, Joseph A., to Lorentzen Hardware Mfg. Corp. Hot wire cutter. 2,732,881, 1-31-56, Cl. 154-1.
- Andersmann, C. J., and V. Gubeli. Centrifugal pump. 2,737,898, 3-13-56, Cl. 103-103.
- Andersen, Birte Y.: *See—*
- Wolters, Carl F., and Andersen. 2,737,431.
- Andersen & Bruuns Fabrikker A/S: *See—*
- Hansen, Oscar A., and Mohr. 2,738,899.
- Andersen, Edna M. Refrigerator Co. Devices for holding deep well cooker shells. 2,755,108, 7-17-56, Cl. 285-189.
- Andersen, Harold. Reversible ratchet wrench with supplementary drive means. 2,746,231, 5-22-56, Cl. 81-83.1.
- Andersen, Herbert H., and M. L. Allen, to General Electric Co. Instrument structure. 2,750,585, 6-12-56, Cl. 340-378.
- Andersen, John N., to Stauffer Chemical Co. Silicon tetrachloride manufacture. 2,739,041, 3-20-56, Cl. 23-205.
- Andersen Magnus S., to Sperry Rand Corp. Arrangement in or relating to copy holder. 2,750,925, 6-19-56, Cl. 120-29.
- Andersen, Niels C., to Schlage Lock Co. Apparatus for applying abrasive to buffing wheels. 2,763,971, 9-25-56, Cl. 51-263.
- Andersen, Neils Y.: *See—*
- Wolters, Carl F., and Andersen. 2,737,431.
- Andersen, Neils Y., to Sperry Rand Corp. Conveyor type file. 2,729,581, 1-3-56, Cl. 812-268.
- Andersen, Norborth J., to American Can Co. Interior collar tearing strip container with reclosure holding means. 2,743,038, 4-24-56, Cl. 220-54.
- Andersen, Soren K., to The Garrett Corp. Oil cooler cooled by air and fuel. 2,731,239, 1-17-56, Cl. 257-2.
- Andershook, Chester E., to Goodman Mfg. Co. Change speed mechanism for a self-propelled mining machine. 2,734,400, 2-14-56, Cl. 74-785.
- Anderson, A. C. Inc.: *See—*
- Lessmann, Herbert F. 2,775,356.
- Anderson, Alastair B. W., to Vick Chemical Co. Atomizing container. 2,758,879, 8-14-56, Cl. 299-90.
- Anderson, Albert E., to Textron Inc. Sawing apparatus, and more particularly a pruning saw. 2,770,036, 11-13-56, Cl. 167-167.
- Anderson, Albert & J. M. Mfg. Co.: *See—*
- Kolstad, Welding J. 2,745,076.
- Anderson, Albin F., to Colgate-Palmolive Co. Liquid shampoo composition. 2,773,835, 12-11-56, Cl. 252-153.
- Anderson, Alf E. Electrical connector. 2,755,449, 7-17-56, Cl. 339-47.
- Anderson, Alfred: *See—*
- Dorman, Stanley, and Anderson. 2,738,727.
- Anderson, Alfred. Feeding attachment for automatic sheet feeding machines. 2,733,919, 2-7-56, Cl. 271-10.
- Anderson, Alphonse M. Thickness planer shaving controller and collector. 2,762,404, 9-11-56, Cl. 144-252.
- Anderson, Alton D., J. C. Bellamy, and F. P. McGowan, to C. E. Electric Co. Fluid testing apparatus. 2,756,404, 7-24-56, Cl. 340-5.
- Anderson, Alva E., to Bell Telephone Laboratories, Inc. Conditioning of semiconductor translators. 2,746,121, 5-22-56, Cl. 239-253.
- Anderson, Anders W., and J. F. Sluis, to International Harvester Co. Mold-supporting means for shell molding. 2,756,473, 7-31-56, Cl. 22-90.
- Anderson, Andrew E.: *See—*
- Fennema, Richard, Anderson, and Krueger. 2,749,083.
- Anderson, Andrew B., to Crane Co. Link mechanism for conduit valve. 2,758,813, 8-14-56, Cl. 251-187.
- Anderson, Arden A. Seed planter. 2,737,814, 3-6-56, Cl. 221-135.
- Anderson, Arnold G., and B. H. Gwynn, to Gulf Research & Development Co. Purification of hydroformylation reaction products. 2,751,501, 1-17-56, Cl. 260-604.
- Anderson, Arthur A., to Whirlpool-Seeger Corp. Sectional walk-in cooler. 2,741,341, 4-10-56, Cl. 189-2.
- Anderson, Arthur A., to The Specialty Mfg. Co. Grain gate. 2,763,901, 9-25-56, Cl. 20-32.
- Anderson, Arthur G., and J. W. Horton, to International Business Machines Corp. Spin echo storage systems. 2,737,359, 7-31-56, Cl. 340-173.
- Anderson, Arthur G., and J. W. Horton, to International Business Machines Corp. Stimulated spin echo systems. 2,759,170, 8-14-56, Cl. 340-173.
- Anderson, Arthur J., to General Motors Corp. Supporting shell molds during metal pouring operations. 2,770,858, 11-20-56, Cl. 22-90.
- Anderson, Arthur W., to E. I. du Pont de Nemours and Co. Synthesis of 3,3-dimethyl-1,5-dichloropentane. 2,769,848, 11-6-56, Cl. 260-658.
- Anderson, Arvid A., to Safway Steel Products, Inc. Scaffold stair unit. 2,760,707, 8-28-56, Cl. 228-45.
- Anderson, Arvid J., and E. W. Combination folding leg hinge, latch and brace. 2,729,527, 1-3-56, Cl. 311-98.
- Anderson, Austin E. Dust cap for milking systems. 2,763,459, 9-18-56, Cl. 251-147.
- Anderson, Axel, to Sundstrand Magnetic Products Co. Magnetic work support. 2,752,538, 6-26-56, Cl. 317-163.
- Anderson Box Co.: *See—*
- Ferguson, William C., and Wilcox. 2,768,778.
  - Layne, Harold W. 2,731,191.
- Anderson, Bror E., to A. B. Dick Co. Air scabbler system for the air deposition of fibers. 2,735,569, 3-20-56, Cl. 19-143.
- Anderson, Bror E., and J. C. Leske, to A. B. Dick Co. Apparatus for the air deposition of fibers in the manufacture of fibrous structures. 2,738,557, 3-20-56, Cl. 19-156.
- Anderson, Carl J. Locking device for saw horses. 2,753,223, 7-5-56, Cl. 304-5.
- Anderson, Carl P.: *See—*
- Kleinschmidt, Edward E. and E. F., and Anderson. 2,773,931.
  - Kleinschmidt, Edward F., and Anderson. 2,754,364.
- Anderson, Carl P., to Kleinschmidt Laboratories, Inc. Ribbon feed and reversing mechanism. 2,742,132, 4-17-56, Cl. 197-160.
- Anderson, Charles H. J., and J. H. F. van Werd, to Hartford National Bank and Trust Co., trustee. Lamp holder. 2,751,569, 6-19-56, Cl. 339-188.
- Anderson, Clarence A. Instrument for determining magnetic permeability. 2,749,804, 6-5-56, Cl. 324-34.
- Anderson, Clarence A. F., to The Shaw-Walker Co. Follower track construction. 2,758,602, 8-14-56, Cl. 129-31.
- Anderson, Clarence E., to The Babcock & Wilcox Co. Metal removing apparatus for trimming tube ends. 2,749,809, 6-12-56, Cl. 90-12.
- Anderson, Clarence R., to Bill Jack Scientific Instrument Co. Intermittent strip feeding and control mechanism. 2,762,255, 9-11-56, Cl. 88-18.
- Anderson, Clayton & Co.: *See—*
- Davis, William G., Jr. 2,738,553.
  - Sinclair, Alfred C. 2,751,623.
- Anderson, Conrad A. Toilet paper holder. 2,739,840, 3-27-56, Cl. 299-24.
- Anderson, David P.: *See—*
- Mahan, Norman C. 2,751,000.
- Anderson, Donald, and W. H. Snyder, Sprayer. 2,764,452, 9-25-56, Cl. 299-83.
- Anderson, Donald C., to The Procter & Gamble Co. Carton feeding and squaring-up device. 2,746,363, 5-22-56, Cl. 93-53.
- Anderson, Duncan. Snatch block. 2,762,607, 9-11-56, Cl. 254-194.
- Anderson, Earl I., to Radio Corp. of America. Television receiver. 2,750,534, 6-12-56, Cl. 315-22.
- Anderson, Earl I., to Radio Corp. of America. Combined video gain and frequency response control. 2,756,284, 7-24-56, Cl. 179-171.
- Anderson, Earl R. Apparatus and method for sterilizing containers and the food products therein. 2,745,755, 5-15-56, Cl. 99-182.
- Anderson, Earl R., to Filper Corp. Peach pitter. 2,775,278, 12-25-56, Cl. 146-28.
- Anderson, Edith M. Brassiere strap. 2,763,860, 9-25-56, Cl. 2-42.



- Anderson, Edward L., and G. Bodin, to Goodman Mfg. Co. Kerf cutting mining machine with cuttings conveyor. 2,757,818, 8-7-56, Cl. 262-30.
- Anderson, Edward L., and E. J. Hlinsky, to Goodman Mfg. Co. Rotary boring head having radially adjustable cutting arms. 2,772,870, 12-4-56, Cl. 262-7.
- Anderson, Edward N.: See—
- Harrington, Edward M., and Anderson. 2,749,380.
- Anderson, Edwin E. Fish lure. 2,748,520, 6-5-56, Cl. 43-35.
- Anderson, Edwin L., to Dorr-Oliver Inc. Apparatus for wetting finely-divided solids. 2,737,960, 3-13-56, Cl. 134-60.
- Anderson, Eldon D. Nutcracker. 2,753,905, 7-10-56, Cl. 146-13.
- Anderson, Elsie G. Warning signal for a chart holder. 2,731,941, 1-24-56, Cl. 116-135.
- Anderson, Emil, to Electrolux Corp. Vacuum cleaner filter bag. 2,737,263, 3-6-56, Cl. 183-51.
- Anderson, Emil, to Electrolux Corp. Supporting stands for suction operated power tools. 2,765,996, 10-9-56, Cl. 248-19.
- Anderson, Enfred W.: See—
- Anderson, Arvid J. and E. W. 2,729,527.
- Anderson, Ephraim H.: See—
- Penn, James H., Werner, and Anderson. 2,747,947.
- Anderson, Ernest H. Pad and order book holders. 2,740,645, 4-3-56, Cl. 281-15.
- Anderson, Ernest L. Insulated window. 2,734,601, 2-14-56, Cl. 189-55.
- Anderson, Ernest R., and A. T. Burke, to the United States of America as represented by the Secretary of the Navy. Thermistor temperature profile recorder. 2,741,126, 4-10-56, Cl. 73-344.
- Anderson, Evan L.: See—
- Winter, Wes H., Jr., and Anderson. 2,744,006.
- Anderson, Florence B., to Motor Products Corp. Evaporator door and hinge assembly. 2,735,483, 2-7-56, Cl. 20-35.
- Anderson, Florence B., to Amana Refrigeration, Inc. Refrigerator cabinet load supporting shelf and mounting therefor. 2,757,061, 7-31-56, Cl. 312-313.
- Anderson, Florence B., to Amana Refrigeration, Inc. Refrigerator evaporator and shelf structure. 2,758,455, 8-14-56, Cl. 62-126.
- Anderson, Florence B., and J. H. Konefes, to Amana Refrigeration, Inc. Liquid dispenser for refrigerator cabinets. 2,761,288, 9-4-56, Cl. 62-89.
- Anderson, Floyd E.: See—
- Scudi, John V., and Anderson. 2,748,139.
- Anderson, Floyd E. (2,2-dimethyl-3-hydroxy-propylidene-1) hydrazone of isonicitric acid hydrazide. 2,743,276, 4-24-56, Cl. 260-295.
- Anderson, Floyd E., to Nepera Chemical Co., Inc. Nicotinic acid esters of pyranmethanol. 2,759,945, 8-21-56, Cl. 260-295.5.
- Anderson, Frank H., to New Monarch Machine and Stamping Co. Carrier for outboard motors. 2,764,381, 9-25-56, Cl. 248-195.
- Anderson, Franklin T., to Co-Operative Industries, Inc. Ignition apparatus. 2,759,989, 8-21-56, Cl. 174-35.
- Anderson, Franklin T., to Co-Operative Industries, Inc. Electrical connectors. 2,760,172, 8-21-56, Cl. 339-59.
- Anderson, Glendene H., and E. A. Mellum. Fishing line metering or measuring device. 2,752,686, 7-3-56, Cl. 33-129.
- Anderson, G. C., to Saco-Lowell Shops. Drafting mechanism. 2,758,340, 8-14-56, Cl. 19-135.
- Anderson, Gordon C., and P. B. West, to Saco-Lowell Shops. Tube gear for silver oilers. 2,770,845, 11-20-56, Cl. 19-159.
- Anderson, Harold J., to Northeast Tool Die Works, Inc. Sealed beam light. 2,750,491, 1-12-56, Cl. 240-41.
- Anderson, Harold S., and S. W. Dow. Perforating attachment for printing machines for producing longitudinal and transverse rows of perforations in sheets. 2,735,488, 2-21-56, Cl. 164-100.
- Anderson, Harry M., to Beatty Bros. Ltd. Sectional mast. 2,761,531, 9-4-56, Cl. 189-26.
- Anderson, Harvey R.: See—
- Buczowski, Edward J., Ostrowski, and Anderson. 2,738,713.
- Anderson, Homer, to General Mills, Inc. Box marking machine. 2,740,351, 4-3-56, Cl. 101-11.
- Anderson, Henry W., G. E. Warren, and R. N. Bartholomew, to Shell Development Co. Preparation of oil solutions of basic alkaline earth metal petroleum sulfonates. 2,738,326, 9-13-56, Cl. 252-33.
- Anderson, Herbert L.: See—
- Fermi, Enrico, and Anderson. 2,768,134.
- Anderson, Herbert L., to the United States of America as represented by the United States Atomic Energy Commission. Neutronic reactor device. 2,751,505, 6-19-56, Cl. 250-53.1.
- Anderson, Herbert O., to Boeing Airplane Co. Joggle punch and die sets. 2,767,763, 10-23-56, Cl. 153-21.
- Anderson, Herbert W., to Whiting Corp. Apparatus for facilitating the loading and unloading of aircraft passengers and cargo at airports. 2,750,135, 6-12-56, Cl. 244-114.
- Anderson, Jack C., and R. L. Goukenour. Dispensing device. 2,755,987, 7-24-56, Cl. 222-96.
- Anderson, Jack M.: See—
- Anderson, Oscar W., and J. M. 2,746,253.
- Anderson, James. Hydraulic system of lathes and other metal working machines, presses, and the like. 2,770,222, 11-13-56, Cl. 121-38.
- Anderson, James A.: See—
- Mahan, Norman C. 2,751,000.
- Schulze, Henry G., Hansen, and Anderson. 2,752,403.
- Anderson, James A., Jr., to Esso Research and Engineering Co. Production of aromatics and dehydrogenated hydrocarbons. 2,775,629, 12-25-56, Cl. 260-668.
- Anderson, James A., Jr., and E. J. Hoffman, to Esso Research and Engineering Co. Production of naphthalene. 2,729,688, 1-1-56, Cl. 260-668.
- Anderson, James A., Jr., and B. W. Thomas, to Esso Research and Engineering Co. Control of solvent extraction. 2,737,469, 3-6-56, Cl. 196-14.2.
- Anderson, James A., Jr., and E. J. Hoffmann, to Esso Research and Engineering Co. Aromatics and resins production. 2,754,340, 7-10-56, Cl. 260-669.
- Anderson, James A., Jr., G. R. L. Shepherd, and C. L. Thorpe, to Esso Research and Engineering Co. Conversion of asphaltic hydrocarbons. 2,768,936, 10-30-56, Cl. 196-53.
- Anderson, James R.: See—
- Stimpson, Robert H., and Anderson. 2,733,651.
- Anderson, James T., to General Electric Co. Bulb coating method. 2,740,726, 4-3-56, Cl. 117-46.
- Anderson, John: See—
- Bolton, John A., and McKinley. 2,745,554.
- Anderson, John A., to Gait Anderson Co. Clock and casing therefor. 2,746,237, 5-22-56, Cl. 58-56.
- Anderson, John J., Jr. Volume indicating device. 2,767,916, 10-23-56, Cl. 235-61.
- Anderson, John L., to E. I. du Pont de Nemours and Co. Preparation of methylenimines. 2,729,679, 1-3-56, Cl. 260-566.
- Anderson, John L., to E. I. du Pont de Nemours and Co. Preparation of methylenimines. 2,729,680, 1-3-56, Cl. 260-566.
- Anderson, John L., to E. I. du Pont de Nemours and Co. Process and preparing fluoroolefins from fluorocyclobutanes. 2,733,278, 1-31-56, Cl. 260-653.
- Anderson, John L., to E. I. du Pont de Nemours and Co. Process for the preparation of 1,1,4,4-tetrafluorobutadiene 1,3 from acetylene and tetrafluoroethylene. 2,743,303, 8-14-56, Cl. 260-655.
- Anderson, John L., to E. I. du Pont de Nemours and Co. Fluorobutanedicarboxylic acids and derivatives hydrolyzable thereto. 2,754,323, 7-10-56, Cl. 260-486.
- Anderson, John L., to E. I. du Pont de Nemours and Co. Pyrolysis of organic compounds. 2,756,239, 7-24-56, Cl. 260-529.
- Anderson, John L., to National Rejectors, Inc. Coin separators and switches therefor. 2,768,726, 10-30-56, Cl. 194-9.
- Anderson, John L., to E. I. du Pont de Nemours and Co. Synthesis of aliphatic nitriles by pyrolysis and thermal cleavage of hydrazones, ketazines, ketimines and ketoximes. 2,770,643, 11-13-56, Cl. 260-465.1.
- Anderson, John L., to E. I. du Pont de Nemours and Co. Fluorinated olefinic nitriles. 2,773,089, 12-4-56, Cl. 260-465.7.
- Anderson, John N., to Otis Elevator Co. Brake. 2,732,041, 1-24-56, Cl. 188-171.
- Anderson, John R., to Bell Telephone Laboratories, Inc. Wave filter. 2,732,528, 1-24-56, Cl. 333-75.
- Anderson, John R., and R. Hoexter, to Curtiss-Wright Corp. Engine crankcase breather and air-oil separator. 2,758,672, 8-14-56, Cl. 189-76.
- Anderson, John W. Advancing paperweight lifter. 2,730,580, 1-10-56, Cl. 179-178.
- Anderson, John W., to Teleflex Inc. Tool feed timer. 2,750,582, 6-12-56, Cl. 340-268.
- Anderson, John W., to Altron, Inc. Quick break electric switches. 2,732,413, 7-3-56, Cl. 200-73.
- Anderson, John W., to Productive Inventions, Inc. Control valve operated by pressure differential. 2,767,733, 10-23-56, Cl. 137-497.
- Anderson, John W., to Productive Inventions, Inc. Fluid control valve. 2,767,734, 10-23-56, Cl. 137-498.
- Anderson, John W., and T. J. Wilson, to Minneapolis-Honeywell Regulator Co. Aircraft control apparatus. 2,751,639, 6-19-56, Cl. 318-489.
- Anderson, Joseph B. and L. V. Transportable conveyor implement for loading and unloading purposes. 2,768,731, 10-30-56, Cl. 192-126.
- Anderson, Kenneth E.: See—
- Holmwood, Richard H., and Anderson. 2,758,518.
- Anderson, Leo V.: See—
- Anderson, Joseph B. and L. V. 2,768,731.
- Anderson, Lindson P.: See—
- Schutz, Kristian, and Anderson. 2,752,286.
- Sifferd, Robert H., and Anderson. 2,746,903.
- Sifferd, Robert H., and Anderson. 2,748,152.
- Anderson, Lloyd D. Variable amplitude signal analyzer. 2,774,535, 12-18-56, Cl. 235-82.
- Anderson, Lysle L. Suspension manipulator for metal coils. 2,770,380, 11-13-56, Cl. 214-658.
- Anderson, MacGregor S. Wall form and tie for concrete construction. 2,761,191, 9-4-56, Cl. 25-131.
- Anderson, Malcolm G., to The Goodyear Tire & Rubber Co. Method and apparatus for producing lacerations in the road-contacting surface of a tire. 2,734,568, 2-14-56, Cl. 164-10.2.
- Anderson, Malcolm G., to The Goodyear Tire & Rubber Co. Method of making a tire. 2,764,220, 9-25-56, Cl. 154-14.
- Anderson, Marshall N., to Sellstrom Mfg. Co. Frame construction. 2,729,316, 1-3-56, Cl. 189-78.



- Anderson, Marshall N., to Sellstrom Mfg. Co. Safety head-gear. 2,729,820, 1-10-56, Cl. 2-8.
- Anderson, Morris C.: *See—*  
Slayter, Games, and Anderson. 2,741,009.
- Anderson, Morris L., and A. E. Hendricks, to Eaton Mfg. Co. Snap ring forming machine. 2,742,061, 4-17-56, Cl. 14-0-82.
- Anderson, Nelson E., to Air Reduction Co., Inc. Powder dispensing apparatus. 2,738,234, 3-13-56, Cl. 302-56.
- Anderson, Nelson E., to Air Reduction Co., Inc. Welding head positioner. 2,743,343, 4-24-56, Cl. 219-8.
- Anderson, Nelson E., to Air Reduction Co., Inc. Alternating current electric arc welding. 2,745,990, 5-15-56, Cl. 315-183.
- Anderson, Neville R. Cushioned power cylinder. 2,768,611, 10-30-56, Cl. 121-38.
- Anderson, Niels Y., Jr., W. M. Kaushagen, and K. D. Swartzel, to the United States of America as represented by the Secretary of the Navy. Flight line computer system. 2,761,315, 9-4-56, Cl. 72-180.
- Anderson, Norwood. Six-in-one fader attachment for cameras. 2,740,321, 4-3-56, Cl. 88-16.
- Anderson, Norman L., to Allied Chemical & Dye Corp. Unsymmetrical trisazo dyestuff. 2,775,552, 12-25-56, Cl. 260-173.
- Anderson, Oscar W., and J. M. Brake fluid level control devices. 2,746,253, 5-22-56, Cl. 60-54.6.
- Anderson, Paul E.: *See—*  
Ballash, Andrew, Stam, and Anderson. 2,774,282.
- Anderson, Peter, to the United States of America as represented by the Secretary of the Air Force. Ball crusher type force gage. 2,767,575, 10-23-56, Cl. 73-141.
- Anderson, Paul Z.: *See—*  
Beemer, Paul K., Fuchs, and Anderson. 2,757,619.
- Anderson, Peterson, to Wisconsin Hydraulics, Inc. Universal work positioners. 2,763,053, 9-18-56, Cl. 29-288.
- Anderson, Peter, to Washington Iron Works Co. Power-driven guy drum. 2,772,071, 11-27-56, Cl. 254-161.
- Anderson, Philip C., and F. N. Rawlings, said Anderson assor. to Feed Service Corp. Feed supplements for ruminants. 2,748,001, 5-5-56, Cl. 99-56.
- Anderson, Philip J., Jr., and E. M. Stubblefield, to Servel, Inc. Air conditioning. 2,749,095, 6-5-56, Cl. 257-9.
- Anderson-Prichard Oil Corp.: *See—*  
Scoggin, Baxter I., McAninch, and Moore. 2,733,159.
- Anderson, Ralph A., to Panellit, Inc. Automatic network tester. 2,767,014, 9-4-56, Cl. 324-73.
- Anderson, Ralph F.: *See—*  
Anderson, Swan F. 2,748,726.
- Anderson, Ralph F. Multiflow filler nozzle for plastic comestibles. 2,730,450, 2-28-56, Cl. 226-100.
- Anderson, Ralph F. Container filling machine. 2,765,601, 10-9-56, Cl. 53-59.
- Anderson, Ralph F. Mold filling machine. 2,772,705, 12-4-56, Cl. 141-167.
- Anderson, Ralph R., to General Motors Corp. Instrument panel mounting means. 2,741,324, 4-10-56, Cl. 180-90.
- Anderson, Ralph R., and W. Gerber, to General Motors Corp. Transmission control indicator. 2,732,905, 1-31-56, Cl. 180-90.
- Anderson, Ray E., to General Electric Co. Voltage stabilizer and reference circuit therefor. 2,740,936, 4-3-56, Cl. 323-66.
- Anderson, Raymond F.: *See—*  
Berry, Paul E., and Anderson. 2,761,099.
- Anderson, Reed M.: *See—*  
Beatty, John W., and Anderson. 2,740,859.
- Anderson, Rex R. Apparatus for compartment heating. 2,756,000, 7-24-56, Cl. 237-43.
- Anderson, Reynold M., to Allis-Chalmers Mfg. Co. Tractor draft bar assembly. 2,757,019, 7-31-56, Cl. 280-49.
- Anderson, Robert: *See—*  
Seeloff, Melvin M., and Anderson. 2,758,184.
- Anderson, Robert E. Livestock feed grinder. 2,753,908, 7-10-56, Cl. 146-79.
- Anderson, Robert J.: *See—*  
Park, Harold F., and Anderson. 2,760,951.
- Anderson, Robert J. Washing machine. 2,737,040, 3-6-56, Cl. 68-23.
- Anderson, Robert M., to General Electric Co. Flash lamp. 2,729,960, 1-10-56, Cl. 67-31.
- Anderson, Robert M., to General Electric Co. Flash lamp and ignition means therefor. 2,756,577, 7-31-56, Cl. 67-31.
- Anderson, Robert M., to General Electric Co. Flash lamp and lead-in wire therefor. 2,756,578, 7-31-56, Cl. 67-31.
- Anderson, Robert T., to Colter Corp. Apparatus for breeding shrimp. 2,731,942, 1-24-56, Cl. 118-16.
- Anderson, Robert V.: *See—*  
Mitchell, Orville, and Anderson. 2,766,593.
- Anderson, Robert V. Air conditioning system for automobiles. 2,742,765, 4-24-56, Cl. 62-3.
- Anderson, Roy E.: *See—*  
Summerhayes, Harry R., Jr., Anderson, and Sampson. 2,750,519.
- Anderson, Roy H., and J. W. McKee, to Boeing Airplane Co. Heated vortex generator. 2,764,373, 9-25-56, Cl. 244-130.
- Anderson, Roy H., W. H. Cook, Jr., and D. L. Dunn, to Boeing Airplane Co. Jetless-burn fuel tanks. 2,764,374, 9-25-56, Cl. 244-135.
- Anderson, Swan F.,  $\frac{1}{2}$  to S. F. Anderson and  $\frac{1}{2}$  to R. F. Anderson. Sandwich making machine. 2,748,726, 6-5-56, Cl. 107-1.
- Anderson, Terry O., and J. E. Broadbudd, to Halliburton Oil Well Cementing Co. Homogenizers for oil well liquids. 2,774,577, 12-18-56, Cl. 259-9.
- Anderson, Theodore E. Educational and amusement device. 2,743,536, 5-1-56, Cl. 35-49.
- Anderson, Theodore O. Self loading and unloading logging device. 2,754,016, 7-10-56, Cl. 21-1-17.
- Anderson, Thomas F., to Allied Chemical & Dye Corp. Stable non-tacky granular filled unsaturated alkyl molding compound comprising a liquid monomer and a compatible polymer. 2,757,160, 7-31-56, Cl. 260-40.
- Anderson, Thomas F., and K. W. Benham, to The Sanymetal Products Co., Inc. Hinge assemblies for swinging doors. 2,735,144, 2-21-56, Cl. 20-16.
- Anderson, Thomas M., and B. E. Good. Apparatus for mounting keys, pads and the like of musical instruments. 2,744,435, 5-8-56, Cl. 84-380.
- Anderson, Thure B., to The Crescent Co., Inc. Battery clamp. 2,765,451, 10-2-56, Cl. 339-227.
- Anderson, Tore: *See—*  
Carr, Robert S., and Anderson. 2,754,487.
- Anderson, V. D., Co., The: *See—*  
Cloth, Michael J., and Snoko. 2,742,976.
- Anderson, V. E. Mfg. Co.: *See—*  
Cline, Robert S. 2,761,673.
- Anderson, Vernon T. Paint applying roller. 2,765,486, 10-9-56, Cl. 15-230.
- Anderson, Victor E., and W. E. Burger, to Prentice Machine Works, Inc. Veneer clipper. 2,758,649, 8-14-56, Cl. 16-106.
- Anderson, Virgil E. W. Insecticide applicator for livestock. 2,768,608, 10-30-56, Cl. 119-157.
- Anderson, W. Carl, to The Union Metal Mfg. Co. Guy rod clamp for bracket arm. 2,731,227, 1-17-56, Cl. 248-221.
- Anderson, W. Carl, and S. L. Dewey, to The Union Metal Mfg. Co. Highway sign support. 2,765,554, 10-9-56, Cl. 40-128.
- Anderson, Walter A., to Underwood Corp. Type bar for accounting machine. 2,730,945, 1-17-56, Cl. 101-109.
- Anderson, Walter A., to Underwood Corp. Entry correction for printing or computing machines. 2,733,855, 2-7-56, Cl. 235-60.
- Anderson, Walter A., to Underwood Corp. Form handling mechanism for accounting machines. 2,737,282, 3-6-56, Cl. 197-127.
- Anderson, Walter A. Jack actuated device for removing tires from vehicle attached wheels. 2,775,289, 12-25-56, Cl. 157-1-1.
- Anderson, Walter T.: *See—*  
Gazelle, Roland J. 2,760,212.
- Anderson, Walter T. 2,764,759.
- Anderson, Warren, to International Telephone and Telegraph Corp. Inductive coupling circuits for pulses. 2,729,793, 1-3-56, Cl. 333-20.
- Anderson, Warren D., to Norma-Hoffman Bearings Corp. Bearing seals. 2,745,686, 5-15-56, Cl. 286-5.
- Anderson, Warren D., to Norma-Hoffman Bearings Corp. Sealed bearing structure. 2,759,777, 8-21-56, Cl. 308-187.1.
- Anderson, Warren D., to Norma-Hoffman Bearings Corp. Sealed bearing. 2,759,778, 8-21-56, Cl. 308-187.2.
- Anderson, Wilbur G., Jr., to American Box Board Co. Reinforced carrier receptacle. 2,732,993, 1-31-56, Cl. 229-28.
- Anderson, Wilbur G., Jr., to American Box Board Co. Road-side stand tray. 2,732,994, 1-31-56, Cl. 229-28.
- Anderson, Wilbur G., Jr., to American Box Board Co. Bottle carrier. 2,739,735, 3-27-56, Cl. 220-113.
- Anderson, Wilbur G., Jr., to American Box Board Co. Reinforced carrier receptacle. 2,739,734, 3-27-56, Cl. 229-49.
- Anderson, Wilbur T. Automotive sanding devices comprising a valve for controlling flow of granular material. 2,739,742, 3-27-56, Cl. 222-504.
- Anderson, William A., to Pittsburgh Screw and Bolt Corp. Vertical drum-type coil feeding reel. 2,755,033, 7-17-56, Cl. 242-79.
- Anderson, William A. Mounting for cameras and the like. 2,756,956, 7-31-56, Cl. 248-178.
- Anderson, William A., and C. W. Harrison, to Bell Telephone Laboratories, Inc. Saw-tooth generator. 2,771,556, 11-20-56, Cl. 250-36.
- Anderson, William R.: *See—*  
Murphy, John H., and Anderson. 2,758,408.
- Anderson, William T., Jr., and F. Clark, to Hanovia Chemical and Mfg. Co. Vapor discharge device. 2,732,513, 1-24-56, Cl. 313-185.
- Anderson, William T., Jr., to Hanovia Chemical and Mfg. Co. Vapor electric discharge device. 2,763,806, 9-18-56, Cl. 313-185.
- Anderson, William W., and L. W. Rowe, to National Lead Co. Hydrometurgical treatment of titaniferous iron material. 2,731,327, 1-17-56, Cl. 23-202.
- Anderson, William W., and L. W. Rowe, to National Lead Co. Method for preparing chlorination feed material. 2,770,329, 11-13-56, Cl. 23-202.
- Anderson, Wilmer C., to the United States of America as represented by the Secretary of the Navy. Magnetometer compass. 2,741,853, 4-17-56, Cl. 33-204.
- Anderson, Axel E., to Soderhans Verkstaed Aktiebolag. Ring shaped sealing device. 2,738,996, 3-20-56, Cl. 286-9.
- Anderson, Axel E. Bark-removing machine having self-heating blunt-edge tool. 2,775,274, 12-25-56, Cl. 144-208.
- Anderson, Bror A. Collapsible luggage carrier for vehicles. 2,764,448, 9-25-56, Cl. 296-27.

- Andersson, Karl N., to Aktiebolaget Bofors. Electric control system for sustaining relatively movable members. 2,750,553, 6-12-56, Cl. 318-468.
- Andersson, Nils O. B., to Aktiebolaget Superior. Soot removing apparatus for steam boilers and the like. 2,760,222, 8-28-56, Cl. 15-317.
- Andersson, Nils. Matrix for creasing paperboard for cartons. 2,765,716, 10-9-56, Cl. 93-58.
- Andis Clipper Co.: See—
- Andis, Mathew. 2,748,362.
- Andis, Mathew. 2,771,280.
- Andis, Mathew, to Andis Clipper Co. Quick detachable electrical connection. 2,748,362, 5-29-56, Cl. 339-75.
- Andis, Mathew, to Andis Clipper Co. Triturating and mixing machine. 2,771,280, 11-20-56, Cl. 259-108.
- Andrade, Edward A., to Collins Radio Co. Filament regulator circuit. 2,775,734, 12-25-56, Cl. 323-45.
- Andrae, Erich R.: See—
- Andrae, Walter E., Andrae, and Sontheimer. 2,736,091.
- Andre, Allen R. Cigarette extinguisher. 2,745,415, 5-15-56, Cl. 131-256.
- Andre, Henri G., to Yardney International Corp. Electric storage batteries. 2,757,222, 7-31-56, Cl. 136-6.
- Andre, Robert J., to General Electric Co. 2,773,300.
- Clements, Henry. 2,773,300.
- Andren, Karl H., to Artos Engineering Co. Art of producing electronic conductors. 2,768,425, 10-30-56, Cl. 29-155.55.
- Andreola, John. Plastic tube with spreader. 2,772,432, 12-4-56, Cl. 15-138.
- Andreoli, Alberto.: See—
- Andreoli, Giulio, and A. 2,732,886.
- Andreoli, Giulio, and A. Method for producing corrugated roofing material. 2,732,886, 1-31-56, Cl. 154-30.
- Andrew, F. William.: See—
- Ruff, Frederic S. 2,745,756.
- Andrew, Lloyd J., to Permo, Inc. Phonograph transducer. 2,730,572, 1-10-56, Cl. 179-100.41.
- Andrew, Lloyd J., to Permo, Inc. Phonograph needle comparator. 2,740,296, 4-3-56, Cl. 73-432.
- Andrew, Lloyd J., to Permo, Inc. Circuit breaker for electric instruments. 2,763,748, 9-18-56, Cl. 200-87.
- Andrew, Lloyd J., to Permo, Inc. Stylus and socket therefor. 2,771,295, 11-20-56, Cl. 274-37.
- Andrew, Louis E., and J. M. L. Iragne, to Potasse & Engrais Chimiques. Method of producing phosphated fertilizers. 2,736,954, 3-20-56, Cl. 71-39.
- Andrew, Louis E., and Y. J. Berquin, to Potasse & Engrais Chimiques. Method of producing phosphate fertilizers. 2,769,703, 11-6-56, Cl. 71-39.
- Andrew, Louis E., and P. G. Pagny, to Potasse & Engrais Chimiques. Method of producing phosphate fertilizers. 2,766,704, 11-6-56, Cl. 71-39.
- Andrew, Peter P. Flat seeder. 2,765,957, 10-9-56, Cl. 222-139.
- Andrew, Ralph W., and F. L. Townsend, to Barber-Colman Co. Inching control operator for warpers. 2,762,107, 1-23-56, Cl. 31-39.
- Andrews, Arne O., to Kropp Forge Co. Metal forming press. 2,732,879, 1-31-56, Cl. 153-25.
- Andrews, Gilbert J. C., to The Goodyear Tire & Rubber Co. Electronic thickness gauge. 2,744,238, 5-1-56, Cl. 324-61.
- Andrews, Hilmar A.: See—
- Williamson, Raymond H., and H. A. 2,756,080.
- Williamson, Donald G., Snover, and H. A. and R. H. 2,772,653.
- Williamson, Donald G., Snover, and H. A. and R. H. 2,772,655.
- Andrews, Hilmar A. and R. H., to Gits Bros. Mfg. Co. Apparatus for oil mist lubrication. 2,762,457, 9-11-56, Cl. 184-55.
- Andrews, John. Electronic distance gauging device for motor vehicles. 2,732,539, 1-24-56, Cl. 340-61.
- Andrews, John H., Jr., to Kollsman Instrument Corp. Pressure responsive switch. 2,753,415, 7-3-56, Cl. 200-83.
- Andrews, John H., Jr., and E. Kasner, to Kollsman Instrument Corp. Polyphase supply circuit and frequency meter. 2,755,440, 7-17-56, Cl. 324-78.
- Andrews, Kurt H.: See—
- Reider, George G., Jr., West, and Andrews. 2,731,414.
- Andrews, Raymond H.: See—
- Andrews, Hilmar A. and R. H. 2,762,457.
- Williamson, Donald G., Snover, and H. A. and R. H. 2,772,653.
- Williamson, Donald G., Snover, and H. A. and R. H. 2,772,655.
- Andrews, Raymond H. and H. A., to Gits Bros. Mfg. Co. Rotary seal and clutch assembly. 2,756,080, 7-24-56, Cl. 286-11.
- Andrew Corp.: See—
- Scheldorf, Marvel W. 2,754,514.
- Scheldorf, Marvel W. 2,757,370.
- Scheldorf, Marvel W. 2,757,371.
- Andrew, John H. C., to Nicol & Andrew Ltd. Honing device. 2,750,717, 6-19-56, Cl. 51-184.1.
- Andrew, Richard G. Tubular electronic unit. 2,772,380, 11-27-56, Cl. 117-161.
- Andrew, Thomas A.,  $\frac{1}{4}$  to M. O. Johnston,  $\frac{1}{4}$  to M. O. Johnston, Jr., and  $\frac{1}{4}$  to W. C. Johnston. Gun perforator. 2,773,424, 12-11-56, Cl. 89-1.
- Andrew, Vaughan L. Sanitary underground discharge for a well water system. 2,765,807, 10-9-56, Cl. 137-375.
- Andrews, Alvadore M. Coupler and sprinkler. 2,739,842, 3-27-56, Cl. 299-105.
- Andrews, Alvadore M. Sprinkling device. 2,749,180, 6-5-56, Cl. 299-104.
- Andrews, Alvadore M. Roof sprinkler. 2,757,965, 8-7-56, Cl. 299-104.
- Andrews, Anatol N. Springless clamping implement. 2,764,986, 10-2-56, Cl. 132-46.
- Andrews, Boley A.: See—
- Bout, Floyd V., Shontz, and Andrews. 2,766,906.
- Andrews, Boley A., and G. M. Pro, to The Vendo Co. Electronic control unit for door controlling mechanism. 2,739,273, 3-20-56, Cl. 317-142.
- Andrews, Boley A., and L. A. Shontz, Jr., to The Vendo Co. Coin tester. 2,770,843, 11-13-56, Cl. 194-102.
- Andrews, Charles C.: See—
- Tillotson, La Clede. 2,745,409.
- Andrews, Dallas R., to Radio Corp. of America. Magnetic recording. 2,751,274, 619-56, Cl. 346-74.
- Andrews, Dallas R., to Radio Corp. of America. Magnetic pulse recording. 2,760,093, 8-21-56, Cl. 250-27.
- Andrews, Dallas R., to Radio Corp. of America. Motor control for synchronizing web feed. 2,760,137, 8-21-56, Cl. 318-437.
- Andrews, David H., B. Bernstein, and R. J. Wohl. Adapter for capacitors. 2,732,535, 1-24-56, Cl. 339-75.
- Andrews, David H., B. Lilegry, S. Nozick, and W. S. Treitel. Cathode ray tube test circuit. 2,760,151, 8-21-56, Cl. 324-23.
- Andrews, Edward F. Method and means for producing fogs, smokes, and insecticidal thermal aerosols. 2,765,578, 10-9-56, Cl. 43-125.
- Andrews, Edward F., to General Motors Corp. Signal tuned radio apparatus. 2,773,193, 12-4-56, Cl. 250-40.
- Andrews, Fred W., to International Latex Corp. Shape-retaining reinforcement of deposited rubber undergarment. 2,748,393, 6-5-56, Cl. 2-36.
- Andrews, Frederick N.: See—
- Whaley, Randall M., and Andrews. 2,763,935.
- Andrews, Frederick W.: See—
- Tillotson, La Clede. 2,745,409.
- Andrews, Gilman B., R. L. de Voll, and W. X. Lamb, Jr., to the United States of America as represented by the United States Atomic Energy Commission. Sweep circuit. 2,729,815, 1-3-56, Cl. 343-13.
- Andrews, Glenn E., and F. B. Aubert, to Detroit Controls Corp. Control devices. 2,755,852, 7-24-56, Cl. 158-125.
- Andrews, Harry E., H. E. Comer, and D. M. Brown. Article handling apparatus. 2,765,067, 10-2-56, Cl. 198-147.
- Andrews, Herbert V. Plastic die model and method of making same. 2,729,894, 1-10-56, Cl. 33-174.
- Andrews, John D., to Marathon Corp. Carton. 2,760,713, 8-28-56, Cl. 229-51.
- Andrews, John L. Multiple electric switch for domestic use. 2,747,226, 5-29-56, Cl. 200-5.
- Andrews, Kenneth E., to Radio Corp. of America. Color correction systems. 2,740,832, 4-3-56, Cl. 178-5.4.
- Andrews, L V.: See—
- Miller, Earle C., and Andrews. 2,750,903.
- Andrews, Norman F., to Deere Mfg. Co. Auxiliary harvesting attachment for row-crop harvester. 2,729,045, 1-3-56, Cl. 56-33.
- Andrews, Norman F., to Deere Mfg. Co. Wagon elevator adjusting means for harvesters. 2,759,317, 8-21-56, Cl. 56-15.
- Andrews, Norman F., to Deere Mfg. Co. Coupling biased open by gravity. 2,760,790, 8-28-56, Cl. 280-504.
- Andrews, Norman F., W. E. Slavens, and E. W. Adolphson, to Deere Mfg. Co. Vehicle-attachable agricultural machine unit. 2,736,152, 2-28-56, Cl. 56-15.
- Andrews, Russell L.: See—
- Riley, Joseph L., and Andrews. 2,734,106.
- Andrews, Thomas, to Rose, Downs & Thompson. Apparatus for the extraction of oils from vegetable matter. 2,733,136, 1-31-56, Cl. 23-270.
- Andrews, Thomas D. H., to Dowty Nucleonics Ltd. Charging system for electroscopes. 2,759,158, 8-14-56, Cl. 320-1.
- Andrews, Thomas D. H., to Dowty Nucleonics Ltd. Means for charging electroscopes. 2,765,413, 10-2-56, Cl. 250-83.6.
- Andrews, Walter A., and A. J. Smith, to Rolls-Royce Ltd. Flow control means for internal-combustion engine fuel systems. 2,741,088, 4-10-56, Cl. 60-39.28.
- Andri, Amanda, to Pirelli Scelta per Azioni. Fenders of the fluid escaping type. 2,737,142, 3-6-56, Cl. 114-219.
- Andrich, Kurt.: See—
- Voigt, Adolf, and Andrich. 2,732,360.
- Andriulis, Vytautas, and A. D. Giacchetti, to National Video Corp. Method of depositing emissive coating on cathode structures. 2,739,911, 3-27-56, Cl. 217-212.
- Androsiglio, Lucio. Paddle with indicator. 2,736,557, 2-28-56, Cl. 273-97.
- Andrus, Budd W. Reversible speed changer. 2,745,297, 5-15-56, Cl. 74-689.
- Andrus, Orrin E., to A. O. Smith Corp. Cathodic protection of metal in vapor space. 2,744,863, 5-8-56, Cl. 204-196.
- Andrus, Orrin E., to A. O. Smith Corp. Thermoelectric protective unit. 2,748,250, 5-29-56, Cl. 219-38.
- Andrus, Orrin E., to A. O. Smith Corp. Cathodically protected storage tank with safety shutoff. 2,752,308, 6-28-56, Cl. 204-196.
- Andrus, Orrin E. Dip tube connection. 2,764,427, 9-25-56, Cl. 285-47.
- Andrus, Orrin E., to A. O. Smith Corp. Cathodically protected water heater storage tank with gas disposal attachment. 2,764,541, 9-25-56, Cl. 204-197.



- Andrus, Orrin E., to A. O. Smith Corp. Method of making a thermopile. 2,768,424, 10-30-56, Cl. 29—155.5.
- Andrus & Seales : *See*—
- Hupp, Arleigh G. 2,751,833.
- Andy, Bennie : *See*—
- Andy, Louis J. and J. 2,744,849.
- Andy Bros. Tire Shop : *See*—
- Andy, Joseph. 2,760,227.
- Andy, Joseph : *See*—
- Andy, Louis J. and J. 2,744,849.
- Andy, Joseph, to Andy Bros. Tire Shop. Adjustable extruder head. 2,760,227, 8-28-56, Cl. 18—12.
- Andy, Louis J. and J., 50% to P. and B. Andy. Method of backing camelback. 2,744,849, 5-8-56, Cl. 154—102.
- Andy, Patsy : *See*—
- Andy, Louis J. and J. 2,744,849.
- Anemostat Co. of America : *See*—
- Kurth, Franz J., Phillips, Waeldner, and Wallen. 2,737,875.
- Phillips, Leonard R., and Waeldner. 2,759,490.
- Phillips, Leonard R., and Waeldner. 2,772,623.
- Anetsberger Brothers, Inc. : *See*—
- Anetsberger, Joseph. 2,754,772.
- Anetsberger, Joseph, to Anetsberger Brothers, Inc. Roll size and slicing mechanism. 2,754,772, 7-17-56, Cl. 107—4.
- Anfinset, Hans M. Reinforcing filler for the rubber industry. 2,752,323, 6-26-56, Cl. 260—41.5.
- Angaca, William W., and R. T. Miller. Retractable ball-type casting device. 2,770,831, 11-20-56, Cl. 16—24.
- Angell, Pierce T., and R. Cliborn, to Thompson Products, Inc. Pump bearing lubricating and speed control system. 2,749,842, 6-12-56, Cl. 103—17.
- Angelo, Nick G. Latch for a trunk lid. 2,734,764, 2-14-56, Cl. 292—33.
- Angelos, Arthur C. : *See*—
- Billman, Louis S., and Angelos. 2,748,565.
- Billman, Louis S., and Angelos. 2,749,749.
- Angeloite, James A. Metallic window buck. 2,741,347, 11-10-56, Cl. 130—75.
- Angelo Sanitary Can Machine Co. : *See*—
- Peterson, William B., Jr. 2,746,413.
- Angenieux, Pierre. Projection control device for projection-ists. 2,738,702, 3-20-56, Cl. 88—24.
- Angenieux, Pierre. Machine for polishing optical surfaces. 2,747,340, 5-29-56, Cl. 51—124.
- Anger, Earl M., to The Duraloy Co. Hard surface composite article and method of making. 2,757,445, 8-7-56, Cl. 29—195.
- Angewien, William H., Jr., to Cranston Print Works Co. Pleating apparatus. 2,774,525, 12-18-56, Cl. 223—32.
- Angier, Robert B. : *See*—
- Gazzola, Albert L., and Angier. 2,760,960.
- Angles D'Auric, Paul : *See*—
- Danel, Pierre F., and Angles D'Auric. 2,766,592.
- Anglim, Edna H. : *See*—
- Sheppard, John C. 2,765,794.
- Anglim, Morgan : *See*—
- Sheppard, John C. 2,765,794.
- Anglo-American Extrusion Co. : *See*—
- Bridge, Archibald C. 2,753,994.
- Angstadt, John W. : *See*—
- Neubauer, Herman E., and Harcourt, and Angstadt. 2,760,791.
- Angus, George, and Co., Ltd. : *See*—
- Balkin, Mark, and Turner. 2,729,860.
- Angus, Harvey L. Draw curtain type awning. 2,758,643, 8-14-56, Cl. 160—88.
- Angus, Harvey L. Folding awning. 2,774,416, 12-18-56, Cl. 160—58.
- Anheuser-Busch, Inc. : *See*—
- Sieffer, Joseph A., and Brasch. 2,754,211.
- Anhorn, Victor J., to Gulf Research & Development Co. Fluid catalytic process and apparatus. 2,740,752, 4-3-56, Cl. 196—52.
- Anhorn, Victor J., M. M. Stewart, and W. E. Morrow, to Gulf Research & Development Co. Hydroforming employing carbide catalysts. 2,755,228, 7-17-56, Cl. 196—50.
- Anhorn, Victor J., M. M. Stewart, and W. E. Morrow, to Gulf Research & Development Co. Hydrocarbon conversion process. 2,758,958, 8-14-56, Cl. 196—50.
- Animal Trap Co. of America : *See*—
- Lehn, John U. 2,761,240.
- Anixter, A. N. : *See*—
- Fried, Joe. 2,766,433.
- Anjeskey, Alphonse F., to The Cleveland Crane & Engineering Co. Apparatus for handling coiled material. 2,764,298, 9-25-56, Cl. 212—127.
- Ankele, Ernest T. : *See*—
- Zuch, Helmut H., Tankersley, and Ankele. 2,759,127.
- Anker-Werke Aktiengesellschaft : *See*—
- Siebrasse, Wilhelm. 2,741,199.
- Sobisch, Johannes. 2,765,116.
- Anklesaria, Maneck K. Telephone control device. 2,731,522, 1-17-56, Cl. 173—178.
- Anklin, Joseph, to Laubscher & Co. A. G. Life-restoring apparatus. 2,737,177, 3-6-56, Cl. 128—29.
- Ankud, Stanley. Variable line width writing pen. 2,729,197, 1-3-56, Cl. 120—51.
- Annable, Weldon G., to The Pure Oil Co. Method for producing naphthas of improved characteristics from highly refined naphthas by treating the highly refined naphtha with a copper acetate. 2,769,764, 11-6-56, Cl. 196—28.
- Annable, Weldon G., R. M. Haines, and K. Lucas, to The Pure Oil Co. Method for producing naphthas of improved characteristics by treating them with copper chromite or copper molybdate. 2,755,226, 7-17-56, Cl. 196—28.
- Annable, Weldon G., and R. M. Haines, to The Pure Oil Co. Method of preparation of non-corrosive naphthas by reacting refined naphthas with barium molybdate or zinc molybdate. 2,769,757, 11-6-56, Cl. 196—28.
- Annable, Weldon G., and R. M. Haines, to The Pure Oil Co. Preparation of non-corrosive naphthas by reacting refined naphthas with molybdate. 2,769,759, 11-6-56, Cl. 196—28.
- Annable, Weldon G., L. E. Hutchings, and K. Lucas, to The Pure Oil Co. Production of sweet naphthas from hydrocarbon mixtures by hydrofining the hydrocarbon mixture followed by contacting the hydrocarbon product with a composition containing cobalt and molybdenum. 2,769,760, 11-6-56, Cl. 196—28.
- Annable, Weldon G., L. E. Hutchings, and K. Lucas, to The Pure Oil Co. Combination process for catalytic hydrodesulfurization and mild dehydrogenation of high sulfur hydrocarbon mixtures. 2,769,761, 11-6-56, Cl. 196—28.
- Annable, Weldon G., L. E. Hutchings, and K. Lucas, to The Pure Oil Co. Production of naphthas of improved characteristics by treating with bauxite. 2,769,762, 11-6-56, Cl. 196—28.
- Annable, Weldon G., and R. M. Haines, to The Pure Oil Co. Method for producing special naphthas of improved characteristics by contacting a refined naphtha with silver molybdate at elevated temperature. 2,769,763, 11-6-56, Cl. 196—28.
- Annable, Weldon G., K. Lucas, and R. M. Haines, to The Pure Oil Co. Production of special solvent petroleum naphthas by refining with sodium. 2,770,579, 11-13-56, Cl. 196—28.
- Annas, Paul J. Membrane aid for hearing. 2,738,025, 3-13-56, Cl. 181—23.
- Anné, Charles T. : *See*—
- Holler, Cameron B., and Anné. 2,765,278.
- Annen, James E., to Sutherland Paper Co. Machine for filling and capping paper cartons. 2,732,114, 1-24-56, Cl. 226—75.
- Annen, James E., to Sutherland Paper Co. Dispensing cartons provided with cutters. 2,771,185, 11-20-56, Cl. 206—43.
- Anness, Russell W., to The Gardner Board and Carton Co. Mechanisms for freeing flaps and cut-outs and for breaking score lines. 2,765,713, 10-9-56, Cl. 93—36.
- Annesser, Richard J., to The Dow Chemical Co. Process for producing fibers from films of polymeric materials. 2,725,950, 1-3-56, Cl. 18—47.5.
- Annis, Eben B. Retaining pin with pivoted latching means. 2,759,388, 8-21-56, Cl. 85—8.3.
- Annis, Richard R., and H. Haselkorn. Radioactive charging device. 2,758,225, 7-7-56, Cl. 310—3.
- Anpe, Inc. : *See*—
- Perugia, André. 2,730,736.
- Ansbacher Maschinen- und Werkzeugbau Gesellschaft mit beschränkter Haftung : *See*—
- Brenner, Franz. 2,729,437.
- Anschütz, Rudolph J., to The Protoselect Co. Bench can for inflammable liquids. 2,732,972, 1-31-56, Cl. 220—88.
- Ansel, Harry R. Antiskid device. 2,730,156, 1-10-56, Cl. 152—185.
- Ansel, Harry R., to Wm. J. Stange Co. Spice substance and method of preparing same. 2,772,977, 12-4-56, Cl. 99—140.
- Anselmo, Charles. Collapsible rack. 2,748,955, 6-5-56, Cl. 211—178.
- Ansley, Clifford V. Transparent fish lure. 2,769,267, 11-6-56, Cl. 43—41.
- Anson, Arthur H. Molded article. 2,731,056, 1-17-56, Cl. 150—52.
- Anson, Arthur H. Chiropodic sandal. 2,734,286, 2-14-56, Cl. 36—8.5.
- Anson, Robert F. Ball holder. 2,772,882, 12-4-56, Cl. 273—20.
- Anson, Mills Inc. : *See*—
- Foley, William F. 2,754,855.
- Ansor Corp. : *See*—
- Rousseau, Robert. 2,731,585.
- Anspach, Irl W. : *See*—
- Marsh, Fayette B., Anspach, and McRoberts. 2,751,508.
- Anspacher, William B. Screen-grid neutralized amplifier. 2,745,909, 5-15-56, Cl. 179—171.
- Anspach, Harry D., to General Aniline & Film Corp. Process of polymerizing  $\alpha$ -chloroacrylic acid esters in an oily with a vitreous surface and in the presence of an allyl siloxane polymer. 2,759,638, 7-3-56, Cl. 18—58.
- Anspach, Harry D., to General Aniline & Film Corp. Catalytic dehydrochlorination of  $\alpha,\beta$ -dichloropropionic acid compounds. 2,754,322, 7-10-56, Cl. 260—486.
- Anstalt für die Entwicklung von Erfindungen und Gewerblichen Anwendungen Energa : *See*—
- Brandt, Edgar W. 2,734,425.
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- Ansul Chemical Co. : *See*—
- Bauman, Merritt R., and Allen. 2,742,970.
- Line, Richard A. 2,758,719.
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- Antal, John A. Combination coat and pants hanger. 2,750,086, 6-12-56, Cl. 223—88.



- Antal, John A. Clothes hanger attachment. 2,750,087, 6-12-56, Cl. 223-88.
- Antar, Petrolas de l'Atlantique. See—
- Reymond, Gaston, and Ouvrard. 2,758,227.
- Antczak, Henry F. See—
- Mina, Francis A., and Antczak. 2,742,321.
- Antczak, Walter S. Guide device for use during sawing operations. 2,766,783, 5-15-56, Cl. 143-171.
- Antenor, John A., to Allied Chemical & Dye Corp. Method and apparatus for mechanically converting solid friable tablets and sheets into flakes. 2,762,571, 9-11-56, Cl. 241-24.
- Anthes, Clifford C., to Union Carbide and Carbon Corp. Gas mixing apparatus for blowpipes. 2,759,531, 8-21-56, Cl. 158-274.
- Anthes, Clifford C., to Union Carbide and Carbon Corp. Blowpipe cartridge-type medium-pressure gas-mixer. 2,767,782, 10-23-56, Cl. 158-274.
- Anthes Force Oiler Co. See—
- Tolbert, William P. 2,735,637.
- Anthony, Frederick B. General utility gardening implement. 2,761,732, 9-4-56, Cl. 299-47.
- Anthonsen, George B. Track construction. 2,733,013, 1-31-56, Cl. 238-317.
- Anthony, Charles, Jr., and R. Thomann, Jr., to Specialties Development Corp. Liquid fire extinguishing composition. 2,745,806, 5-15-56, Cl. 252-2.
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- Anthony, Elmer C., to Bendix Aviation Corp. Variable resistance instrument. 2,774,853, 12-18-56, Cl. 201-56.
- Anthony, Russell W., and R. A. Psenka, to National Broach & Machine Co. Broaching tool. 2,730,793, 1-17-56, Cl. 29-95.1.
- Anthony, Theodore. See—
- Elzer, Philip, Sommerfeld, and Anthony. 2,770,805.
- Anthony, Theodore. Four-way change over valve. 2,765,628, 10-9-56, Cl. 62-8.
- Anthony Wayne Improvement Co., Inc. See—
- Cook, Robert W. 2,766,614.
- Anthony, Willard E. See—
- Seelen, Harry R., and Anthony. 2,768,475.
- Anthony, Willard E., to Radio Corp. of America. Composite glass and metal cathode-ray tube. 2,767,342, 10-16-56, Cl. 313-64.
- Anthony, William T., to Bethlehem Steel Co. Rail splice. 2,774,542, 12-18-56, Cl. 238-251.
- Antonia, Bjarne, to Motorola, Inc. Radio receiver with automatic control for audio stage. 2,731,558, 1-17-56, Cl. 250-20.
- Antoni, John P., to Philco Corp. Plural compartment refrigerator. 2,737,782, 3-13-56, Cl. 62-103.
- Antipapas, Spyridon P. See—
- Snyder, Ellery P., and Antipapas. 2,755,397.
- Antle, Herbert R. See—
- Kamenjar, Joseph L., and Antle. 2,739,036.
- Anton, Mark J. Timers for self-developing cameras. 2,741,961, 4-17-56, Cl. 95-14.
- Anton, Nicholas. Vibratory tool. 2,749,676, 6-12-56, Cl. 51-17.
- Anton, Nicholas T. Shoes for rubbing devices. 2,749,679, 6-12-56, Cl. 51-189.
- Anton, Nicholas T. Vibratory tools. 2,764,703, 9-25-56, Cl. 310-29.
- Antonazzi, Mario, to Bendix Aviation Corp. Fuel control system. 2,735,368, 2-21-56, Cl. 103-13.
- Antonidis, John E. See—
- Yahn, Victor W., Antonidis, Edmundson, and Dudderar. 2,753,477.
- Antonidis, John E., to General Motors Corp. Mounting for dynamo electric unit. 2,763,132, 10-2-56, Cl. 248-32.
- Antonidis, John E., W. C. Edmundson, C. W. Smith, and P. W. House, to General Motors Corp. Connector for an electric motor. 2,774,894, 12-18-56, Cl. 310-71.
- Antonsen, Randolph. See—
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- Antonsen, Randolph, to Godfrey L. Cabot, Inc. Process for the production of aluminum oxide. 2,773,741, 12-11-56, Cl. 23-142.
- Antonsen, Randolph, to Godfrey L. Cabot, Inc. Continuous thermal process of making carbon black. 2,773,744, 12-11-56, Cl. 23-209.4.
- Antos, Maximilian J. G. R. De Angelis, and E. H. Towle, to Western Electric Co., Inc. Automatic indicator for testing equipment. 2,742,611, 4-17-56, Cl. 324-73.
- Antraigne, Roger. Machine for retreading pneumatic tires. 2,729,269, 1-8-56, Cl. 154-9.
- Antrean, Haig. Color television systems. 2,744,953, 5-8-56, Cl. 178-5.2.
- Antrim, Malcolm B., to Lukens Steel Co. Electrical power system for steel rolling mills. 2,752,803, 7-3-56, Cl. 80-31.1.
- Antrim, Robert F. See—
- Meyer, Wendel J., Christian, and Antrim. 2,754,771.
- Antritter, Max., to Van Brode Milling Co., Inc. Containers for moth-repellent materials. 2,755,954, 7-24-56, Cl. 220-4.
- Anxionnaz, René. See—
- Sédille, Marcel H. L. 2,745,611.
- Anxionnaz, René, 1/2 to Societe Rateau (Societe Anonyme). Vibration damping means for bladings of turbo-machines. 2,772,854, 12-4-56, Cl. 253-77.
- Anxionnaz, René, and R. J. Imbert, to Societe Rateau (Societe Anonyme). Motive fluid flow control device for turbine compressor units used for aircraft propulsion. 2,750,734, 6-19-56, Cl. 60-35.6.
- Anzi, Constantino, and V. Capraro, to Carlo Erba, S. P. A. Method and apparatus for measuring consumption of oxygen. 2,773,497, 12-11-56, Cl. 128-2.07.
- Apat, Joseph K. See—
- Bruce, William F., Edwards, and Apat. 2,745,785.
- Apel, John H., and D. W. Duffey, to The Jaeger Machine Co. Combining clutch and gear shift control for mixer units. 2,743,798, 5-1-56, Cl. 192-3.5.
- Apel, Rudolf M., and W. T. Brown. Passenger safety crash bar for vehicles. 2,768,003, 10-23-56, Cl. 280-150.
- Apex Accessories Co., Inc. See—
- Finson, Alfred. 2,741,084.
- Apex Electrical Mfg. Co., The. See—
- Archbold, Ralph L. 2,745,273.
- Apex Machine & Tool Co., The. See—
- Wendling, Le Roy J. 2,750,828.
- Apex Tools Corp. See—
- De Bodor, Paul. 2,751,878.
- Aply-Tec Products, Inc. See—
- Lieber, Ben. 2,760,496.
- Apostolescu, Stefan. Turbo jet helicopter. 2,742,972, 4-24-56, Cl. 170-135.7.
- Apostolescu, Stefan. Lift rotor construction for tandem rotor helicopters. 2,749,994, 6-12-56, Cl. 170-135.2.
- Apostolescu, Stefan. Tandem helicopter. 2,755,866, 7-24-56, Cl. 170-135.24.
- Appelbaum, Sol, and W. A. Begos, to Midwest Glove Co., Inc. Glove construction. 2,749,448, 6-5-56, Cl. 250-108.
- Appelbaum, Sol, and W. A. Begos, to Midwest Glove Co., Inc. Disposable razor. 2,729,887, 1-10-56, Cl. 30-41.
- Appenrodt, Georg J., and H. K. Winters. Artificial back teeth. 2,741,845, 4-17-56, Cl. 32-2.
- Apperson, Lester D., and E. L. Richardson, to Colgate-Palmolive Co. Gummatum antiperspirant liquid. 2,736,683, 2-28-56, Cl. 167-90.
- Appert, Kurt E., to Lenkurt Electric Co., Inc. Pilot regulator for communication circuits. 2,734,172, 2-7-56, Cl. 333-16.
- Appert, Kurt E., to Lenkurt Electric Co., Inc. Pilot regulator. 2,757,747, 7-31-56, Cl. 323-56.
- Apple, Charles N. Convertible desk and bench combination. 2,758,633, 8-14-56, Cl. 155-43.
- Applebaum, Norman I. See—
- Landsperger, Christian, and Applebaum. 2,771,074.
- Appleby, Alvin P., to the United States of America, as represented by the Secretary of the Army. Electric motor synchronizing apparatus. 2,769,128, 10-30-56, Cl. 318-314.
- Applegate, Dorothy H. Hat. 2,747,195, 5-29-56, Cl. 2-175.
- Applegate, Earl C. Hand tools. 2,729,925, 1-10-56, Cl. 51-187.
- Applegate, Earl C. Hand tools. 2,742,744, 4-24-56, Cl. 51-187.
- Applegate, Raymond P., 1/2 to C. P. Molla. Shock and vibration base mount. 2,765,141, 10-2-56, Cl. 248-358.
- Applegate, Robert B., and W. R. Durrett, to Westinghouse Electric Corp. Lum protection apparatus. 2,756,782, 7-31-56, Cl. 139-341.
- Applegate, Robert E. Means for handling electrical equipment and the like. 2,772,440, 12-4-56, Cl. 16-114.
- Appleton, Arthur I. Spotlight mounting head. 2,731,543, 1-17-56, Cl. 240-4.2.
- Appleton, Arthur I. Electrical box and mounting therefor. 2,747,758, 5-29-56, Cl. 220-3.92.
- Appleton, Arthur I. Vapor-proof lighting fixture. 2,749,433, 6-5-56, Cl. 240-11.2.
- Appleton, Arthur I. Lamp guard mounting. 2,749,435, 6-5-56, Cl. 240-11.2.
- Appleton, Arthur I. Lock nut bushing for electrical connectors. 2,770,668, 11-13-56, Cl. 174-137.
- Appleton Electric Co. See—
- Meyer, Irwin. 2,745,912.
- Appleton, Joe S. See—
- Black, Latham, and Appleton. 2,730,020.
- Appleton, Paul W. Reversible terracing machine. 2,748,507, 6-5-56, Cl. 37-99.
- Appleton Wire Works, Inc. See—
- Frentzel, Herman C. 2,731,986.
- Appleton Wood Products Co. See—
- Van Ryzin, Joseph P. 2,740,332.
- Applied Science Corp., of Princeton. See—
- Brinster, John F., and Donath. 2,765,211.
- Darago, Frank J. 2,733,510.
- Donath, Erwin, and Knowles. 2,753,547.
- Knowles, William S. 2,753,546.
- Apps, David C., to General Motors Corp. Tire thump measuring apparatus. 2,735,292, 2-21-56, Cl. 73-69.
- Appuhn, Klaus, to Compania Industrial. Manufacture of hard odorless soap from low grade fats and oils. 2,739,163, 3-20-56, Cl. 260-413.
- Apra Precipitator Corp. See—
- Hodson, Peter. 2,748,888.
- Hodson, Peter, and Peterson. 2,751,779.
- Klemperer, Hans. 2,764,254.
- Winklepleck, Roy G. 2,738,027.

- Apteke, Rubin, to Sears, Roebuck and Co. Self-retaining pump type shoe. 2,775,049, 12-25-56, Cl. 36-55.
- Apthorp, Alan E., and A. E. J. Morel, to J. W. & H. Platt Ltd. Serrated wire or strip for use in carding engines and the like. 2,731,676, 1-24-56, Cl. 19-114.
- Aqua Survey & Instrument Co.: *See—*
- Pies, Othmar W., Middendorf, and Evert. 2,775,736.
- Aquatic Inc.: *See—*
- Whitlock, Fred W. 2,749,304.
- Whitlock, Robert A., Jr., and Dymond. 2,755,246.
- Aquex Development and Sales Corp.: *See—*
- Sweet, Everett W. 2,728,949.
- Aquillon, Charles A., and S. E. Davis, to Ark-Les Switch Corp. Connectors. 2,768,361, 10-28-56, Cl. 339-211.
- Aramian, Harry, Fountain pen. 2,734,486, 2-14-56, Cl. 120-51.
- Arams, Frank R., to the United States of America as represented by the Secretary of the Navy. Microwave filter. 2,765,404, 10-2-56, Cl. 250-27.
- Arams, Frank R., to Radio Corp. of America. Time shift re-entrant amplifier system for carrier pulses. 2,770,722, 11-13-56, Cl. 250-20.
- Arant, Perry: *See—*
- Mead, George E. 2,763,955.
- Arant, Perry, to Clayton Mfg. Co. Steam cleaning machine. 2,755,130, 7-17-56, Cl. 299-84.
- Arata, Vincenzo S. Methods of producing commercially pure iron. 2,747,985, 5-29-56, Cl. 75-11.
- Arbaugh, Richard J. Commode seat heating pad. 2,773,167, 12-4-56, Cl. 219-46.
- Arbeit, Pierre, and A. Mathey, to Societe Anonyme des Manufactures des Glaces et Produits Chimiques de Saint-Gobain, Chauny & Cirey. Method and apparatus for manufacturing glass. 2,773,111, 12-4-56, Cl. 13-6.
- Arbiter, Henry J.: *See—*
- Shapp, Milton J., and Arbeiter. 2,774,017.
- Arblaster, Victor J. Journal lubricating device. 2,731,307, 1-17-56, Cl. 308-91.
- Arborth, Ake, to Aktiebolaget Svenska Flaktfabriken. Separator for liquid drops or foam. 2,773,558, 12-11-56, Cl. 183-89.
- Arbuckle, Frederick M., to Radio Corp. of America. Synchronization of television deflection systems. 2,750,498, 6-12-56, Cl. 250-27.
- Arbuthnot, Earl M.: *See—*
- Cones, Edgar B., and Arbuthnot. 2,758,297.
- Archambault, Herbert N.: *See—*
- Bowers, Thomas S. 2,753,626.
- Archbold, Ralph L., to The Apex Electrical Mfg. Co. Spring mounted washing machine of the water balance type. 2,745,273, 5-15-56, Cl. 68-23.
- Archbron, George B.: *See—*
- Reid, Robert L., Laban, Archbron, and Slayton. 2,732,529.
- Archer, Clarence D. Harrow tooth mount. 2,737,004, 3-6-56, Cl. 55-94.
- Archer, Clarence D. Drag harrow. 2,737,005, 3-6-56, Cl. 55-93.
- Archer, Clarence D. Ratchet winch. 2,755,674, 7-24-56, Cl. 74-142.
- Archer-Daniels-Midland Co.: *See—*
- Hansen, Louis J. 2,754,306.
- Archer, Irving M. Dough rolling mechanism of a dough molding machine. 2,746,401, 5-22-56, Cl. 107-9.
- Archer, James R., to International Minerals & Chemical Corp. Defluorination of phosphatic materials. 2,759,795, 8-21-56, Cl. 23-109.
- Archer, John L. Lighting fixture for circular fluorescent lamps. 2,769,083, 10-30-56, Cl. 240-51.12.
- Archer Mills, Inc.: *See—*
- Lakin, Adele. 2,745,556.
- Archer, Sydney, to Sterling Drug Inc. Preparation of 3-hydroxy-11-ketocholanic acid, derivatives and analogs thereof, and intermediates in said preparation. 2,745,829, 5-15-56, Cl. 260-239.5.
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- Archer, Sydney, to Sterling Drug Inc. Organic compounds and their preparation. 2,768,692, 9-18-56, Cl. 260-309.5.
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- Archer, Sydney, and M. E. Auerbach, to Sterling Drug Inc. Process of preparing pyridoxal isonicotinoylhydrazones and intermediate used therein. 2,775,598, 12-25-56, Cl. 260-295.
- Archibald, Francis M., to Esso Research and Engineering Co. Mixing apparatus. 2,769,711, 8-21-56, Cl. 259-24.
- Arco Auto Carriers, Inc.: *See—*
- Mettetal, Donald, Jr. 2,750,225.
- Arco Plate Co.: *See—*
- Coleman, Lee G. 2,768,816.
- Coleman, Lee G. 2,768,817.
- Arcus, James S., Sr., to The Arcus Ticket Co. Ticket manipulating machine. 2,741,979, 4-17-56, Cl. 101-19.
- Arcus, James S., Sr., to The Arcus Ticket Co. Admission ticket manipulating machine. 2,741,980, 4-17-56, Cl. 101-93.
- Arcus Ticket Co., The: *See—*
- Arcus, James S., Sr. 2,741,979.
- Arcus, James S., Sr. 2,741,980.
- Arrell, Edgar, and M. S. Wozniak, to Emhart Mfg. Co. Star wheel transfer mechanism for cans or the like. 2,744,608, 5-8-56, Cl. 198-22.
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- Dickerson, Delbert J. 2,730,906.
- Arden, Thomas R., to International Business Machines Corp. Wire printing mechanism. 2,770,190, 11-13-56, Cl. 101-93.
- Arden, David B., and R. M. Shirk, to Houdry Process Corp. Hydrocarbon lift system for the conversion of hydrocarbons and the separation of fines. 2,775,547, 12-25-56, Cl. 196-52.
- Ardis, Vincent H., to Bendix Aviation Corp. Switch. 2,734,963, 2-14-56, Cl. 200-106.
- Archivill, Georges. Roller temperature modifying apparatus. 2,761,941, 9-4-56, Cl. 219-10.49.
- Ardis, Alan E., to The B. F. Goodrich Co. 1,1-dicyano ethylenes and ethanes containing halogen substituents. 2,774,783, 12-18-56, Cl. 260-405.7.
- Arditi, Maurice, to International Telephone and Telegraph Corp. Radio frequency propagating systems. 2,760,163, 8-21-56, Cl. 333-13.
- Arditi, Maurice, and P. Parzen, to International Telephone and Telegraph Corp. Microwave transmission line. 2,774,043, 12-11-56, Cl. 333-84.
- Ardizzone, Joseph R., and J. M. Harper, to Westinghouse Electric Corp. Coil filament coating machine. 2,771,856, 11-27-56, Cl. 118-423.
- Arelt, Eugene G., to Onondaga Pottery Co. Apparatus for setting articles of green pottery ware. 2,755,531, 7-24-56, Cl. 25-22.
- Arelt, Eugene G., to Onondaga Pottery Co. Apparatus for decorating pottery ware. 2,762,329, 9-11-56, Cl. 118-2.
- Arena, Joseph P. Socket for electric light bulbs. 2,747,168, 1-1-56, Cl. 339-176.
- Arenberg, David L. Method of bonding and article thereby formed. 2,754,238, 7-10-56, Cl. 154-128.
- Arenberg, David L. Cement for bonding elements of a delay line with low transmission losses using mixtures of inorganic salts. 2,767,336, 10-16-56, Cl. 310-8.3.
- Arenberg, Stewart L.: *See—*
- Shreve, Warren T., and Arenberg. 2,737,653.
- Arenco Aktiebolag: *See—*
- Granstedt, Karl E. 2,745,412.
- Granstedt, Karl E. 2,747,581.
- Örström, Gustaf, and Otrmark. 2,754,646.
- Teiling, Torbern. 2,773,643.
- Arens, Cecil F., and S. I. MacDuff, to Bendix Aviation Corp. Liquid fuel supply system with auxiliary reserve supply. 2,745,478, 5-15-56, Cl. 158-46.5.
- Arens Controls, Inc.: *See—*
- Norton, Calhoun. 2,768,795.
- Arens Controls Ltd.: *See—*
- Turtle, Rupert C. 2,770,454.
- Arens, Eugene, to Whitehall Pharmaceutical Co. Strip dispenser. 2,758,710, 8-14-56, Cl. 206-56.
- Arens, George F.: *See—*
- Van Rosen, Robert, Arens, and Struble. 2,756,920.
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- Arey, William F., Jr.: *See—*
- Mason, Ralph B., Kimberlin, and Arey. 2,768,939.
- Arey, William F., Jr., to Esso Research and Engineering Co. Olefin polymerization process using hydrogenated naphtha solvents. 2,744,084, 5-1-56, Cl. 260-33.6.
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- Arf, John H. Method for attaching a plastic rubber element to a metal line adapted for fishing. 2,740,226, 4-3-56, Cl. 43-42.3.
- Argabrite, George A., to Pacific Transducer Corp. Surface thermometer with magnetic retaining means. 2,771,775, 11-27-56, Cl. 73-343.
- Argue, Peter A., to Connor Engineering Corp. Noise reduction service. 2,745,509, 5-15-56, Cl. 181-42.
- Argentieri, Peter A., H. Daninhirsch, and T. L. Day, to Connor Engineering Corp. Air outlets and means for controlling the flow and temperature of the air therefrom. 2,749,831, 6-12-56, Cl. 98-38.
- Argo Metal Products, Inc.: *See—*
- Rosen, Marvin R. 2,734,203.
- Arguelles, Frederic S. Precision balance. 2,739,805, 3-27-56, Cl. 26-55.
- Argus Cameras, Inc.: *See—*
- Harris, Clinton H., and Zill. 2,760,733.
- Argus Chemical Laboratory, Inc.: *See—*
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- Leistner, William E., and Setzler. 2,752,325.
- Aries Laboratories, Inc.: *See—*
- Geraci, John. 2,766,240.
- Aries, R. S., and Associates, Inc.: *See—*
- Eirich, Frederick R. 2,739,598.
- Ginell, Robert, and Steinmann. 2,752,354.
- Aries, Robert S., and A. P. Sachs, to Nepera Chemical Co. Inc. Esterification of pyridine carboxylic acids. 2,753,999, 8-14-56, Cl. 260-295.
- Arisman, Mervin B.: *See—*
- Daily, Arthur M., and Arisman. 2,736,781.



- Arismam, Mervin B., to Chicago Telephone Supply Corp. Combined variable resistor and switch for use with printed circuits. 2,769,384, 10-2-56, Cl. 201-35.
- Arista, William, R. P. Schulz G. m. b. H.: See—
- Brückner, Harry, and Heitmann. 2,744,994.
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- Markus, George, and Siegel. 2,729,009.
- Markus, George, and Siegel. 2,728,010.
- Arkell Safety Bag Co.: See—
- Doyle, James F. 2,737,339.
- Arkin, Michael. Container structures. 2,761,609, 9-4-56, Cl. 229-23.
- Arkin, Rose. Garment. 2,729,822, 1-10-56, Cl. 2-76.
- Ark-Les Switch Corp.: See—
- Aquillon, Charles A., and Davis. 2,768,361.
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- Arko, Robert E., to Teletype Corp. Circuit maker and breaker. 2,766,889, 10-9-56, Cl. 307-132.
- Arlin, Max M., to Arlin Products, Inc. Gauging means. 2,748,936, 6-5-56, Cl. 209-88.
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- Arlin, Max M. 2,748,936.
- Arlitt, William H., Jr. Collapsible trunk or foot locker. 2,752,018, 6-26-56, Cl. 190-21.
- Armcast, Wilbur H., to Combustion Engineering Inc. Method of superheat control. Re. 24,119, 4-56, Cl. 122-479.
- Armcast, Wilbur H., to Combustion Engineering Inc. Equalizing the temperature of high pressure boiler drum walls. 2,743,709, 5-1-56, Cl. 122-411.
- Armcast, Wilbur H., and L. J. Marshall, to Combustion Engineering Inc. Steam generators employing radiant superheaters and reheaters. 2,737,160, 3-6-56, Cl. 122-478.
- Armant, David L., and H. S. Sigurdson, to National Lead Co. Method for producing titanium concentrates. 2,751,307, 6-19-56, Cl. 106-51.
- Armantrout, Kenneth M., to Borg-Warner Corp. Power steering mechanism. 2,775,133, 12-25-56, Cl. 74-388.
- Armbrust, Roy J., and J. E. La Roque, to Vapor Heating Corp. Water by-pass regulator for steam generator control mechanism. 2,735,410, 2-21-56, Cl. 122-448.
- Armbruster, Ludwig, to Forstner Chain Corp. Cuff button cover. 2,751,654, 6-26-56, Cl. 24-113.
- Armo Steel Corp.: See—
- Bloom, Fredrick K., and Clarke. 2,775,519.
- Bloom, Fredrick K., and Clarke. 2,775,520.
- Brayton, Robert A., Boyle, and Campbell. 2,735,450.
- Brown, Edward L., and Robert M. 2,750,749.
- Clarke, William C., Jr. 2,745,777.
- Clarke, William C., Jr. 2,758,025.
- Freeze, Jonathan R. 2,752,873.
- Hoover, George R. 2,746,090.
- Kreml, John F. 2,765,271.
- Lewis, Robert D., and Wiszel. 2,774,593.
- Linnert, George E. 2,732,323.
- Linnert, George E., and Satterfield. 2,745,769.
- Loveless, Donald L. 2,750,283.
- Marshall, William E. 2,750,276.
- Marshall, William E. 2,750,277.
- Reed, Ed. 2,740,601.
- Stevens, George J. 2,750,853.
- Sutphen, Fred G., Canfield, Myers, Sams, and Burns. 2,755,210.
- Todd, George H., and Barnes. 2,772,960.
- Wietzel, Karl F., Dovenberger, and La Tour. 2,743,692.
- Arnheim, Edouard R., and A. F. G. Plaskett, to Societe a Responsabilite Limitee dite: Societe d'Etudes de Machines Speciales. Apparatus for connecting webs of sheet material. 2,766,811, 10-16-56, Cl. 154-42.3.
- Armento, William H., to General Aniline & Film Corp. Manufacture of azo dyestuffs. 2,746,956, 5-22-56, Cl. 260-175.
- Armento, William H., and J. Bianco, to General Aniline & Film Corp. Process of making acetate dyestuff powders. 2,768,054, 10-23-56, Cl. 8-58.
- Armer, Cyril: See—
- Kent, Nelson H., and Armer. 2,772,856.
- Armer, Cyril, to Rolls-Royce Ltd. Lubricating system with oil flow control for gas turbine engines. 2,761,281, 9-4-56, Cl. 30-39.08.
- Armerding, Anthony H., to Armerding Developments, Inc. Window construction with means for holding the sash in open positions. 2,735,521, 2-21-56, Cl. 189-72.
- Armerding Developments, Inc.: See—
- Armerding, Anthony H. 2,735,521.
- Armington, George E., to General Motors Corp. Tire track with differential action. 2,764,203, 9-25-56, Cl. 152-182.
- Armington, Raymond Q., to General Motors Corp. Tire track with elastic tire. 2,764,207, 9-25-56, Cl. 152-182.
- Armington, Raymond Q., to General Motors Corp. Tire track. 2,764,208, 9-25-56, Cl. 152-182.
- Armington, Raymond Q., to General Motors Corp. Tire track with side thrust lugs. 2,764,209, 9-25-56, Cl. 152-182.
- Armington, Raymond Q., to General Motors Corp. Tire track with variable pin centers. 2,764,210, 9-25-56, Cl. 152-182.
- Armington, Raymond Q., to General Motors Corp. Conveyor loader hitch. 2,773,319, 12-11-56, Cl. 37-110.
- Armington, Stewart F., to General Motors Corp. Clam shell door construction. 2,729,503, 1-3-56, Cl. 298-35.
- Armington, Stewart F., to General Motors Corp. Tire tracks with tire engaging lugs. 2,764,204, 9-25-56, Cl. 152-182.
- Armington, Stewart F., to General Motors Corp. Tire track shoe-chevron grouser. 2,764,205, 9-25-56, Cl. 152-182.
- Armington, Stewart F., to General Motors Corp. Tire track-flat tread shoe. 2,764,206, 9-25-56, Cl. 152-182.
- Armington, Stewart F., to General Motors Corp. Tire track shoe with reverse chevron. 2,764,211, 9-25-56, Cl. 152-182.
- Armington, Stewart F., to General Motors Corp. Mounting for leaf spring. 2,764,405, 9-25-56, Cl. 267-56.
- Armistead, Fontaine C., to Texaco Development Corp. Radiation detectors. 2,739,242, 3-20-56, Cl. 250-71.
- Armistead, Fontaine C., to Texaco Development Corp. Radiation detection. 2,741,708, 4-10-56, Cl. 250-83.8.
- Armistead, Fontaine C., to Texaco Development Corp. Container for scintillation luminophor. 2,750,514, 6-12-56, Cl. 250-71.
- Armistead, Fontaine C., and T. M. McKee, to Texaco Development Corp. Scintillometer. 2,759,107, 8-14-56, Cl. 250-71.
- Armistead, Frederick W. Electric energy limiting apparatus. 2,743,376, 4-24-56, Cl. 307-35.
- Armistead, William H., to Corning Glass Works. Metal sealing glass and seal. 2,743,553, 5-1-56, Cl. 49-92.5.
- Armitage, Joseph B., to Kearney & Trecker Corp. Machine tool spindles. 2,755,117, 7-17-56, Cl. 287-119.
- Armitage, Joseph B., and J. N. Flannery, to Kearney & Trecker Corp. Machine tool elevating mechanism. 2,736,243, 2-28-56, Cl. 90-21.
- Armitage, Joseph B., and F. Zankl, to Kearney & Trecker Corp. Machine tool transmission mechanism. 2,764,067, 9-25-56, Cl. 90-21.
- Armitage, Joseph B., and O. W. Barker, to Kearney & Trecker Corp. Machine tool structure. 2,763,711, 10-9-56, Cl. 90-21.
- Armo Steel Corp.: See—
- Freeze, Jonathan R. 2,729,180.
- Armour and Co.: See—
- Abramitis, Walter W. 2,751,713.
- Abramitis, Walter W., O'Kane and Harwood. 2,740,744.
- Blick, Philip, and Hopkins. 2,752,248.
- Burns, Fred H. 2,748,938.
- Dunnegan, James R. 2,762,296.
- Fischer, Elias. 2,772,173.
- Fogle, Merlyn W. 2,745,849.
- Gaar, Fielding S., and Reck. 2,759,021.
- Hammerberg, Chester A. 2,753,153.
- Hawkins, James R. 2,751,981.
- Hedstrom, Otto. 2,748,421.
- Keil, Havard L. 2,741,576.
- Keil, Havard L., Harriman, and Roberts. 2,741,575.
- Keil, Havard L., Lolli, and Cavanaugh. 2,751,377.
- Lesprie, Jean N., and Filipowicz. 2,772,980.
- Lolli, August L. 2,746,949.
- Lolli, August L. 2,746,950.
- Maxwell, Loyal C., and Thompson. 2,751,329.
- Maxwell, Loyal C., and Thompson. 2,758,055.
- Pfah, Frank W., and Gregory. 2,736,658.
- Pilch, Frank. 2,740,760.
- Porsche, Jules D., Lesh, and Grossnickle. 2,765,299.
- Prusick, Jan H., and Gregory. 2,733,206.
- Rapkin, Edward. 2,740,774.
- Riegler, Werner L., and Atherton. 2,772,174.
- Robbins, Kenneth C. 2,770,570.
- Sampson, Lorne G. 2,769,747.
- Schultz, Kristian, and Anderson. 2,752,286.
- Shapiro, Sydney H., and McCormick. 2,775,617.
- Sheely, Madison L., and Glynn. 2,738,335.
- Sifferd, Robert H., and Anderson. 2,746,903.
- Sifferd, Robert H., and Anderson. 2,748,152.
- Sifferd, Robert H., and Svarz. 2,746,977.
- Steeleman, Sanford L., and Lindseth. 2,734,931.
- Szent-Gyorgyi, Albert, and Hajdu. 2,751,326.
- Szent-Gyorgyi, Albert E., and A. G. 2,742,456.
- Thompson, William M., Graham, and Seidel. 2,769,749.
- Thompson, William M., and Sekmakas. 2,758,056.
- Thompson, William M., Sekmakas, and Dickinson. 2,751,330.
- Turinsky, Otto. 2,750,366.
- Walaszek, Lottie J. 2,739,099.
- Armour, John. Non-binding caster. 2,748,418, 6-5-56, Cl. 16-18.
- Armour Research Foundation of the Illinois Institute of Technology: See—
- Altschuler, Samuel. 2,748,750.
- Bradstreet, Samuel W., and Griffith. 2,763,569.
- Camras, Marvin. 2,729,433.
- Camras, Marvin. 2,736,775.
- Camras, Marvin. 2,736,776.
- Camras, Marvin. 2,747,026.
- Camras, Marvin. 2,747,027.
- Camras, Marvin. 2,761,017.
- Camras, Marvin. 2,761,911.
- Camras, Marvin. 2,763,729.
- Camras, Marvin. 2,767,253.
- Camras, Marvin, and Bumps. 2,733,175.
- Hardy, Howard C. 2,733,597.
- Armstrong, Adam E., to The Johnson Corp. Syphon elbow assembly. 2,732,228, 1-24-56, Cl. 285-110.
- Armstrong, Adam E., to Armstrong Machine Works. Humidifying apparatus. 2,749,907, 6-12-56, Cl. 126-344.
- Armstrong, Adam E., to Armstrong Machine Works. Pressure reducing valve assembly. 2,756,770, 7-31-56, Cl. 137-489.



- Armstrong, Adna A. : See—  
 Prasse, Herbert F., and Armstrong. 2,742,356.  
 Armstrong, Adna A., to Thompson Products, Inc. Gray cast iron and cylinder sleeve composed thereof. 2,761,801, 9-4-56, Cl. 148—31.  
 Armstrong, Adna A., to Thompson Products, Inc. Cast iron valve seat insert. 2,768,918, 10-30-56, Cl. 148—31.  
 Armstrong, Allen T., deceased; M. M. Armstrong, executrix, to Armstrong-Cricket Farm. Cricket container. 2,756,912, 7-31-56, Cl. 224—5.  
 Armstrong, Andrew : See—  
 Romine, Paul W., and Armstrong. 2,736,296.  
 Armstrong, Arthur G., to N. V. Appleton Pty. Ltd. Louver windows. 2,760,242, 8-25-56, Cl. 20—62.  
 Armstrong, Bernard M., to Conveying Developments Ltd. Idler roller for endless flexible belt conveyors. 2,743,810, 5-1-56, Cl. 198—192.  
 Armstrong, Bruce, to Jackson & Church Co. Process for decorating fibrous materials. 2,747,232, 5-29-56, Cl. 19—9.  
 Armstrong Coalbreak Co. : See—  
 Filstrup, Edward C. 2,750,886.  
 Armstrong Cork Co. : See—  
 Baymiller, John W. 2,750,348.  
 Benedict, Edward H. 2,754,016.  
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 Armstrong, Daniel A., to Kiekhaefer Corp. Spring clutch for outboard motors and the like. 2,760,613, 8-28-56, Cl. 192—41.  
 Armstrong, Daniel A., and G. J. Carlson, to Scott-Atwater Mfg. Co. Inc. Reverse gear construction for outboard motor. 2,739,560, 3-27-56, Cl. 118—18.  
 Armstrong, Edward T., to The Goodyear Tire & Rubber Co. Apparatus for landing aircraft. 2,764,371, 9-25-56, Cl. 244—81.  
 Armstrong, Edwin H., deceased (E. M. Armstrong, executrix), J. H. Bose, and R. E. Hull; said Bose and said Hull assors. to said E. M. Armstrong, executrix. Radio detection and ranging systems. 2,738,502, 3-13-56, Cl. 343—9.  
 Armstrong, Edwin H., deceased; E. M. Armstrong, executrix. Multiplex frequency modulation transmitter. 2,773,125, 12-4-56, Cl. 179—15.  
 Armstrong, Esther M. : See—  
 Armstrong, Edwin H. 2,773,125.  
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 Armstrong, Frank W., Jr. : See—  
 Harter, Isaac and L. Jr., Ratcliffe, and Armstrong. 2,769,218.  
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 Hamontre, Hugh C., Mueller, and Armstrong. 2,771,686.  
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 Armstrong, Godfrey P., T. Bewley, G. W. Jackson, F. J. Bellingrue, P. L. Bramwyche, and F. J. Wilkins, to Hercules Powder Co. Manufacture of cumylphenol. 2,750,424, 6-12-56, Cl. 260—619.  
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 Dorsak, John, and Van Denberg. 2,740,665.  
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 Armstrong, James A. Razor blade knife. 2,736,960, 3-6-56, Cl. 30—162.  
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 Willard, Leslie A., Vice, Armstrong, and Reichs. 2,738,757.  
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 Armstrong, John W., R. W. Spears, and R. D. Williams, to General Motors Corp. Method of coating interior of tubing with zinc. 2,771,669, 11-27-56, Cl. 29—429.  
 Armstrong, Lorne D., to Radio Corp. of America. Liquid soldering process and articles made thereby. 2,735,050, 2-14-56, Cl. 317—235.  
 Armstrong, Lorne D., and D. A. Jenny, to Radio Corp. of America. Semiconductor devices. 2,750,542, 6-12-56, Cl. 317—235.  
 Armstrong, Lorne D., and J. I. Pantchevnikoff, now by change of name J. I. Pankove, to Radio Corp. of America. Protection of semiconductor devices. 2,758,261, 8-7-56, Cl. 317—234.  
 Armstrong Machine Works : See—  
 Armstrong, Adam E. 2,749,907.  
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 Armstrong, Mearle C. Fishing line reel. 2,756,944, 7-31-56, Cl. 242—84.  
 Armstrong, Myric M. : See—  
 Armstrong, Allen T. 2,756,912.  
 Armstrong, Ogden. Vibrating apparatus. 2,753,470, 7-3-56, Cl. 310—84.  
 Armstrong, Paul H. Sleep inhibiting and control device for vehicles. 2,738,496, 3-13-56, Cl. 340—279.  
 Armstrong, Richard W., to the United States of America as represented by the Secretary of the Navy. Self-powered liquid oxygen pump and vaporizer. 2,750,753, 6-19-56, Cl. 62—1.  
 Armstrong, Robert W., to Minneapolis-Honeywell Regulator Co. Differential pressure sensing unit. 2,751,530, 6-19-56, Cl. 317—246.  
 Armstrong Siddeley Motors Ltd. : See—  
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 Armstrong, Sir W. G. Whitworth Aircraft Ltd. : See—  
 Lightbody, Alexander, and Johnston. 2,745,347.  
 Armstrong, Werner E., to Fairbanks, Morse & Co. Engine pull starter. 2,772,669, 12-4-56, Cl. 123—185.  
 Armstrong, William W., to the United States of America as represented by the United States Atomic Energy Commission. Demountable filament assembly. 2,742,587, 4-17-56, Cl. 313—273.  
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Sawyer, Winslow A. 2,748,702.  
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Schwesinger, Gerhard. 2,730,010.  
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Silverman, Leslie, and Lee. 2,738,669.  
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Strong, John D. 2,751,816.  
Tarrant, Paul, and Lovelace. 2,750,431.  
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Arndt, Raymond. Corn crib. 2,748,904, 6-5-56, Cl. 189-3.  
Arndt, Raymond J. Self-propelled rotary tiller. 2,755,718, 7-24-56, Cl. 97-43.  
Arndt, Raymond W. Batch drying bin. 2,772,487, 12-4-56, Cl. 34-174.  
Arne, Christian, to Chicago Bridge & Iron Co. Float gauge. 2,781,467, 9-4-56, Cl. 137-452.  
Arnejo, Anthony. Switch for control system of ignition and starter of motor vehicles. 2,735,918, 2-21-56, Cl. 200-155.  
Arnejo, Anthony. Mounting for vehicle headlights. 2,744,999, 5-8-56, Cl. 240-8.1.  
Arnejo, Anthony. Mounting for vehicle headlights. 2,768,283, 10-23-56, Cl. 240-41.5.  
Arnejo, Anthony. Control system for automobile headlights. 2,748,228, 12-18-56, Cl. 200-11.  
Arnejo, Anthony. Starter switch for control switch system for automobile lighting and ignition system. 2,774,829, 12-18-56, Cl. 200-16.  
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Arneson, Edwin L., to Morris Paper Mills. Tray type container. 2,734,677, 2-14-56, Cl. 229-32.  
Arneson, Edwin L., to Morris Paper Mills. Bottle carrier. 2,741,399, 4-10-56, Cl. 229-13.  
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Arneson, Edwin L., to Morris Paper Mills. Reinforced paper-board box construction. 2,758,779, 8-14-56, Cl. 229-31.  
Arneson, Edwin L., to Morris Paper Mills. Covered bottle carrier unit. 2,760,877, 8-28-56, Cl. 220-115.  
Arneson, Edwin L., to Morris Paper Mills. Can carrier package. 2,764,284, 9-25-56, Cl. 206-65.  
Arneson, Edwin L., to Federal Paper Board Co., Inc. Method of making article carrier. 2,772,610, 12-4-56, Cl. 93-49.  
Arneson, Edwin L., to Federal Paper Board Co., Inc. Article carrier. 2,772,810, 12-4-56, Cl. 220-111.  
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- Arnett, Leslie, to United Coffee Corp. Coffee brewer. 2,761,200, 9-4-56, Cl. 99-283.
- Arnett, Raymond L., and B. O. Buell, to Phillips Petroleum Co. Magnetic separator. 2,760,638, 8-28-56, Cl. 210-1.5.
- Arnhart, Harold L.: *See*—  
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- Arnitt, Fred H., to Garden City Plating & Mfg. Co. Method of making ball carriers. 2,751,664, 6-26-56, Cl. 29-148.4.
- Arnitt, Fred H., to Garden City Plating & Mfg. Co. Door guide and bearing. 2,759,215, 8-21-56, Cl. 16-96.
- Arnold, Alexander A.: *See*—  
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- Arnold, Carter H. Hoisting device. 2,742,261, 4-17-56, Cl. 254-130.
- Arnold, Carter H. Rope tensioning device. 2,756,947, 7-31-56, Cl. 242-151.
- Arnold, Charles A.,  $\frac{1}{2}$  to H. W. Weaver. Safety spinning knob for steering wheel. 2,729,116, 1-3-56, Cl. 74-557.
- Arnold, Charles E., and M. Press, to Sylvania Electric Prod. uct, Inc. Frequency control system. 2,764,682, 9-25-56, Cl. 250-36.
- Arnold, Charles H., to The William L. Gilbert Clock Corp. Snap-attached case and back of a clock. 2,729,056, 1-3-56, Cl. 58-53.
- Arnold, Daniel R. Cone-ball game. 2,744,752, 5-8-56, Cl. 2-105.
- Arnold, Dayle F. Spinner controlled game apparatus. 2,749,128, 6-5-56, Cl. 273-134.
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- Arnold, Herriek R., to E. I. du Pont de Nemours and Co. Copper hemichromite and its preparation. 2,733,129, 1-31-56, Cl. 23-56.
- Arnold, Herriek R., to E. I. du Pont de Nemours and Co. E. ous group metal hemichromites and their preparation. 2,733,130, 1-31-56, Cl. 23-56.
- Arnold, Hoffman & Co., Inc.: *See*—  
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- Garcen, Bertram J. 2,764,601.
- Ne, William O., Jr., and Crowthier. 2,739,959.
- Rockett, Jack. 2,764,604.
- Robinson, Charles A. 2,736,749.
- Arnold, John, to Loew's Inc. Camera heater. 2,755,370, 7-17-56, Cl. 219-19.
- Arnold, John H., to Hydrocarbon Research, Inc. Production of synthesis gas. 2,752,232, 6-26-56, Cl. 48-196.
- Arnold, Joseph S. Toy gun. 2,741,238, 4-10-56, Cl. 124-19.
- Arnold, Joseph W. Safety device for liquid heaters. 2,767,925, 10-23-56, Cl. 236-20.
- Arnold, Kenneth A., to St. Regis Paper Co. Method of making bag closure. 2,756,706, 7-31-56, Cl. 112-262.
- Arnold, Mano H.: *See*—  
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- Arnold, Orlan M., to Ajem Laboratories, Inc. Paint killer. 2,739,903, 3-7-56, Cl. 106-287.
- Arnold, Orlan M., and R. M. Jamison, to Olin Mathieson Chemical Corp. Method for stabilizing hydrazine against decomposition by copper in contact therewith. 2,771,343, 11-20-56, Cl. 23-190.
- Arnold, Perry L., to Chicago Bridge & Iron Co. Welding apparatus and method. 2,763,770, 9-18-56, Cl. 219-126.
- Arnold, Robert C., to Standard Oil Co. Desulfurization process using alkali followed by extraction with liquid sulfur dioxide and a promoter. 2,744,855, 5-8-56, Cl. 196-32.
- Arnold, Robert C., and A. P. Lien, to Standard Oil Co. Refining of hydrocarbon distillates. 2,739,925, 3-27-56, Cl. 196-30.
- Arnold, Walter W., to Wiesner-Rapp Co., Inc. Textile rope washer. 2,736,183, 2-28-56, Cl. 68-22.
- Arnold, William W., and S. H. Cottrell, to Clark Equipment Co. Water muffler. 2,746,560, 5-22-56, Cl. 181-52.
- Arnold, William S., to The Gillette Co. Creaming composition. 2,738,204, 3-13-56, Cl. 167-87.1.
- Arnoldi, Walter E., to United Aircraft Corp. Aircraft air conditioning system. 2,772,621, 12-4-56, Cl. 98-1.5.
- Arnot, Alfred E. R., to J. R. Sharpe and E. Kaye. Aircraft handling devices. 2,732,088, 1-24-56, Cl. 214-332.
- Arnot, Alfred E. R., to J. R. Sharpe and E. Kaye. Fork lift truck. 2,738,087, 3-13-56, Cl. 214-701.
- Arnot, Alfred E. R., to J. R. Sharpe and E. Kaye. Industrial lift truck with laterally adjustable forks. 2,755,066, 7-3-56, Cl. 214-671.
- Arnot, Alfred E. R., and M. H. Choules, to E. Kaye and J. R. Sharpe. Tipping moment indicator for lifting trucks. 2,767,394, 10-16-56, Cl. 340-267.
- Arnot, Emily.: *See*—  
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- Arnot, James.: *See*—  
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- Arnot, Edward G. F., and R. H. Atkinson, to Westinghouse Electric Corp. Photoflash lamp. 2,771,765, 11-27-56, Cl. 67-31.
- Arnould, Marcel M. Parakeet mirror perch. 2,731,949, 1-24-56, Cl. 119-26.
- Arnould, Raymond.: *See*—  
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- Arntson, Kenneth I.: *See*—  
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- Arntzen, Kenneth L., to Boeing Airplane Co. Hot tip wire stripper. 2,768,276, 10-23-56, Cl. 219-29.
- Aro Equipment Corp.: *See*—  
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- Culbertson, Ralph L. 2,733,042.
- Keckler, John W. 2,747,597.
- Miller, Lavon J. 2,767,885.
- Wilkening, Walter O. 2,735,425.
- Aron, Aron, to Radio Receptor Co., Inc. Light sensitive relay circuit. 2,773,219, 12-4-56, Cl. 317-124.
- Aron, Mitchell, to Radio Receptor Co., Inc. Light sensitive relay circuit. 2,773,220, 12-4-56, Cl. 317-130.
- Aranson, Albert I., to Radio Corp. of America. Class B signal amplifier circuits. 2,761,917, 9-4-56, Cl. 179-171.
- Aronson, Theodore F.: *See*—  
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- Halahan, John, Aronson, and Lyon. 2,770,458.
- Pollan, David, Halahan, Lyon and Aronson. 2,748,653.
- Aro-Sac, Inc.: *See*—  
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- Arosio, Felice, and E. Valente. Coffee making machine. 2,755,733, 7-24-56, Cl. 99-290.
- Aroyan, Harry J., to California Research Corp. Process for oxidizing lower alkyl benzenes. 2,762,839, 9-11-56, Cl. 260-524.
- Aroyan, Harry J., and J. B. Wilkes, to California Research Corp. Process of producing phthalic acids. 2,734,079, 2-7-56, Cl. 260-515.
- Aroyan, Harry J., and J. B. Wilkes, to California Research Corp. Recovery of phthalic acids. 2,734,080, 2-7-56, Cl. 260-525.
- Arp, Ewald A. Steady rest. 2,744,366, 5-8-56, Cl. 51-238.
- Arp, Ewald A., to Tobin-Arp Mfg. Co. Valve seat grinder. 2,769,287, 11-6-56, Cl. 51-241.
- Arpin, Leon G. Precision tool adjustment device. 2,729,131, 1-3-56, Cl. 82-24.
- Arpin, Leon G. Precision adjustment means for power machines. 2,760,397, 8-28-56, Cl. 82-21.
- Arpin, Leon G. Baby walkers. 2,765,839, 10-9-56, Cl. 155-24.
- Arps, Bruno F., to Arps Corp. Dual-action bulldozer tractor attachment. 2,735,200, 2-21-56, Cl. 37-144.
- Arps, Bruno F., to Arps Corp. Half track attachment for tractors. 2,739,017, 3-20-56, Cl. 305-10.
- Arps, Bruno F., to Arps Corp. Scraper attachment for tractors. 2,767,491, 10-23-56, Cl. 37-159.
- Arps Corp.: *See*—  
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- Arps, Bruno F. 2,767,491.
- Arps, Edmund J., to Maxim Motor Co. Aerial extension ladder. 2,732,992, 1-31-56, Cl. 228-9.
- Arps, Edmund J., to Maxim Motor Co. Hydraulic system for fire apparatus. 2,742,218, 4-17-56, Cl. 228-14.
- Arps, Jan J., and S. A. Scherbatosky. Logging while drilling. 2,755,432, 7-17-56, Cl. 324-1.
- Arps, Jan J. Earth borehole investigation-signaling system. 2,759,143, 8-14-56, Cl. 324-1.
- Arps, Jan J. Well or bore hole logging. 2,760,079, 8-21-56, Cl. 250-83.6.
- Arquelles, Adolfo R., and M. Moya, Jr. Packaged toothbrush holder and toothpaste dispenser. 2,760,681, 8-28-56, Cl. 222-93.
- Arre, Vincent. Shaving cup. 2,753,875, 7-10-56, Cl. 132-81.
- Arrighini, Artile, to Rocwall Co. Cement paint. 2,751,308, 6-19-56, Cl. 106-98.
- Arrington, Richard H. Forage crop cutting and conveying device. Re. 24,169, 6-26-56, Cl. 56-23.
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- King, Frank. 2,757,378.
- Arrow-Hart & Hegeman Electric Co., The.: *See*—  
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- Gates, Rowland F. 2,736,780.
- Johnson, David W. 2,739,002.
- Johnson, David W. 2,766,342.
- Johnson, David W. 2,770,688.
- Johnson, David W. 2,773,956.
- Schleicher, Harold E. 2,729,724.
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- Schleicher, Harold E. 2,752,540.
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- Arrow Tools, Inc.: *See*—  
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- Art Metal Co., The.: *See*—  
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- Art Steel Sales Corp.: *See*—  
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- Art Wire and Stamping Co.: *See—*  
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- Artcraft Venetian Blind Mfg. Co.: *See—*  
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- Arterbury, Roy L.: *See—*  
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- Arters, Albert A.: *See—*  
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- Artese, Dominick and M. N. Revolving putting-green flag. 2,745,373, 5-15-56, Cl. 116-173.
- Artese, Mary N.: *See—*  
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- Arth, Glen E., and R. M. Lukes, to Merck & Co., Inc. Optically active alkaloidal salts of etienoylpyruvic acids. 2,743,271, 4-24-56, Cl. 260-239.55.
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- Arthur, Evan M. Valve spring compressors and clamping devices. 2,741,020, 4-10-56, Cl. 29-215.
- Arthur James L., and W. A. Bychinsky, to General Motors Corp. Igniter plug. 2,741,716, 4-10-56, Cl. 313-120.
- Arthur, John B., to North American Aviation, Inc. Inert gas arc welding process. 2,768,268, 10-23-56, Cl. 219-74.
- Arthur, John H., to Pulleys (Aust.) Ltd. Pulleys. 2,764,896, 10-5-56, Cl. 7-1-230.8.
- Arthur, Richard P., to International Telephone and Telegraph Corp. Electromagnetic counting device. 2,736,845, 2-28-56, Cl. 317-189.
- Arthur, Robert A.: *See—*  
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- Arthur, Robert A., to The Garrett Corp. Pressure regulating mechanism. 2,754,745, 7-17-56, Cl. 98-1.5.
- Arthur, Robert A., to The Garrett Corp. Surge relief means. 2,773,440, 11-21-56, Cl. 98-1.5.
- Arthur, William L. Mineral feeders for range stock. 2,759,452, 8-21-56, Cl. 119-51.
- Ar-Tik Systems, Inc.: *See—*  
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- Oltz, Harold F. 2,760,344.
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- Artos Engineering Co.: *See—*  
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- Artzt, Maurice, to Radio Corp. of America. Multiplex facsimile system. 2,769,856, 11-6-56, Cl. 178-6.6.
- Artzt, William W., to Duoloy, Inc. Process for coating fabrics. 2,739,919, 3-27-56, Cl. 154-95.
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- Arundale, Erving, to Esso Research and Engineering Co. Process for producing an aldehyde and a solid acid catalyst. 2,746,908, 5-22-56, Cl. 196-35.
- Arundale, Erving, and J. P. Thorn, to Esso Research and Engineering Co. Desulfurization and sweetening process. 2,731,393, 1-17-56, Cl. 196-32.
- Arundale, Erving, W. R. F. Guyer, and J. P. Thorn, to Esso Research and Engineering Co. Two-stage hydro-forming process. 2,758,062, 8-7-56, Cl. 196-50.
- Arundale, Erving, and B. M. Vanderbilt, to Esso Research and Engineering Co. Olefin polymerization process. 2,758,143, 8-7-56, Cl. 260-683.15.
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- Arvidson, Gustaf A., 40% to W. J. Hulls. Valve control mechanism for power transmission means. 2,747,419, Cl. 74-107.
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- Asbury, Omar L., Jr. Device to prevent over expansion of brake shoes in hydraulic brake systems. 2,743,791, 5-1-56, Cl. 188-8.
- Asbury, Charles T. Apparatus for cutting and abrading. 2,740,980, 4-10-56, Cl. 15-198.
- Asbury, Charles T. Device for cutting stone and concrete. 2,757,659, 8-7-56, Cl. 125-15.
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- Asbury, Donald C.: *See—*  
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- Holzer, Theodore H., and Asbury. 2,772,848.
- Asbury, Donald C., and T. H. Hoizer, to The Parker Automotive Co. Rotary valve. 2,763,339, 2-25-56, Cl. 137-624.
- Asbury, Edward M. Hedge trimmer. 2,763,925, 9-25-56, Cl. 30-220.
- Asby, Harry A., Jr. Safety device for a firearm. 2,742,727, 4-24-56, Cl. 42-70.
- Aschaffenburg Zellstoffwerke A. G.: *See—*  
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- Aschenwald, Johann, deceased, to M. Aschenwald, of J. Dirscherl, heirs, assors. of  $\frac{1}{2}$  to Hauni Maschinenfabrik Korber & Co., of J. D. b. H. H., and  $\frac{1}{2}$  to Maschinenbau Aktiengesellschaft Balcke. Apparatus for the treatment of tannin. 2,743,826, 5-1-56, Cl. 214-16.
- Aschenwald, Maria: *See—*  
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- Asendorf, Erich, to Deutsche Gold- und Silber-Scheideanstalt vormals Roessler, Ltd. Process for the separation of hydrocyanic acid from ammonia in gas mixtures containing the same. 2,756,841, 7-31-56, Cl. 183-115.
- Ash, Charles S. Ramp trailer. 2,750,226, 6-12-56, Cl. 296-61.
- Ash, Charles S. Four-wheel driven tractor. 2,771,147, 11-20-56, Cl. 180-49.
- Ash, Charles S. Power-actuated laterally and vertically adjustable draft means. 2,771,306, 11-20-56, Cl. 280-456.
- Ashburn, James G., to R. J. Reynolds Tobacco Co. Tobacco. 2,766,146, 10-9-56, Cl. 131-17.
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Britton, Edgar C., and Ashby. 2,733,262.
- Ashby, Elvie V. Washing machine with fluid circulating propellers. 2,753,708, 7-10-56, Cl. 68-190.
- Ashby, Robert M. Ultrasonic delay lines. 2,753,528, 7-3-56, Cl. 333-30.
- Ashby, Robert M., and E. A. Holmes III. Variable mutual double tuned L. F. transformer. 2,753,532, 7-3-56, Cl. 338-75.
- Ashby, Ronald J.: *See—*  
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- Aschcroft, Donald G., and I. C. M. Bell, to Imperial Chemical Industries Ltd. Production of electric fusesheds. 2,747,257, 5-29-56, Cl. 29-155.5.
- Aschcroft, William: *See—*  
Smith, Harvey M., and Aschcroft. 2,757,876.
- Ashe Laboratories Ltd.: *See—*  
Deadman, Lionel L. E. 2,751,327.
- Ashe, Neil W., R. D. Huskey, D. A. McNaughton, and C. P. Bassett. Machine for packaging merchandise. 2,744,669, 5-8-56, Cl. 53-37.
- Ashenden, Harry B., to Allis-Chalmers Mfg. Co. Pressure responsive antipumping control system for circuit breakers. 2,766,404, 10-9-56, Cl. 317-22.
- Ashford, Leonard F. Machine for cleaning receptacles. 2,734,213, 2-14-56, Cl. 15-304.
- Ashford, Leonard F. Article handling machine. 2,740,541, 4-3-56, Cl. 214-309.
- Ashidate, Toshi N.: *See—*  
MacCracken, Calvin D., Miles, and Ashidate. 2,773,488.
- Ashley, Allan, and R. P. Watson, to Vickers-Armstrongs Ltd. Valve devices for hydraulic mechanisms. 2,752,851, 1-31-56, Cl. 137-102.
- Ashley, Allan, and E. C. Houghton, to Vickers-Armstrongs Ltd. Hydraulic mechanisms. 2,765,626, 10-9-56, Cl. 60-97.
- Ashley, Burnis C. Shoe polishing machine. 2,769,190, 11-6-56, Cl. 15-31.
- Ashley, Carlyle M., to Carrier Corp. Defrosting arrangements for refrigeration systems. 2,762,206, 9-11-56, Cl. 62-117.
- Ashley, Carlyle M., to Carrier Corp. Ice cube makers. 2,775,096, 12-25-56, Cl. 62-4.
- Ashley, Charles H.: *See—*  
White, Gerard D., and Ashley. 2,764,240.
- Ashley, James: *See—*  
Mackey, Walter J. 2,766,716.
- Ashley, Joanne. Roll film rewinder. 2,764,364, 9-25-56, Cl. 242-71.
- Ashley, John W., and J. F. Leahy, to United Shoe Machinery Corp. Shoe lasts. 2,764,768, 10-2-56, Cl. 12-133.
- Ashley, Julius N.: *See—*  
Wien, Ronald, Ashley, and Leeds. 2,731,500.
- Ashley, Kenneth D., and W. E. Sanborn, to American Cyanamid Co. Composition comprising stable solid sodium aluminate and method of manufacturing the same. 2,734,796, 2-14-56, Cl. 23-52.
- Ashley, Kenneth D., and W. E. Sanborn, to American Cyanamid Co. Recovery of ammonium and sodium sulfates from wash waters. 2,739,044, 3-20-56, Cl. 23-302.

- Ashley, Kenneth D., W. B. Innes, and E. V. Paul, to American Cyanamid Co. Silica-containing gels. 2,763,533, 9-18-56, Cl. 23-182.
- Ashley, Kenneth D., W. B. Innes, and T. J. Malley, to American Cyanamid Co. Method of manufacturing a fluid type hydroforming catalyst. 2,768,125, 10-23-56, Cl. 196-50.
- Ashley Machine Co., The. *See*—
- McKinley, Robert W., Howard, and Ernest. 2,728,938.
- Ashton, Albert A., to Emco Mfg. Co. Drawworks having selective transmission and control. 2,775,429, 12-25-56, Cl. 255-15.
- Ashton, Benjamin N., to Electro Inc. Self-contained power actuator. 2,746,251, 5-22-56, Cl. 60-52.
- Ashton, Benjamin N., to Electro Inc. Accumulator. 2,746,485, 5-22-56, Cl. 138-31.
- Ashton, Benjamin N., and E. V. Barkow, and H. Von Pessler, to Electro Inc. Follow-up valve. 2,753,730, 7-10-56, Cl. 74-388.
- Ashton, Benjamin N., and J. P. Frain, to Electro Inc. Piston-type accumulators. 2,754,847, 7-17-56, Cl. 138-31.
- Ashton, Earl D. Portable desk. 2,749,655, 6-12-56, Cl. 45-58.
- Ashton, George B. Antenna. 2,761,140, 8-28-56, Cl. 343-803.
- Ashton, Philip E. Thrust producing apparatus such as presses and the like. 2,774,217, 12-18-56, Cl. 60-54.5.
- Ashton, Robert, to Massey-Harris-Ferguson Ltd. Harvesting mechanism. 2,755,913, 7-24-56, Cl. 198-104.
- Ashton, William H. *See*—
- Masci, Joseph N., and Ashton. 2,764,159.
- Masci, Joseph N., Ashton, and Wiland. 2,773,000.
- Ashton, William H., and J. N. Masci, to Johnson & Johnson. Treated fibrous product and method. 2,766,137, 10-9-56, Cl. 117-65.
- Ashwell, James R., S. Hershfield, and D. B. Kleason, to The Glenn L. Martin Co. Cavity-backed slot antenna. 2,741,763, 4-10-56, Cl. 343-767.
- Ashwood, Peter F., and P. J. Fletcher, to Power Jets (Research and Development) Ltd. Jet deflector having curve guide wall for aircraft. 2,770,095, 11-13-56, Cl. 60-35.54.
- Ashwood, Peter F., and G. W. Crosse, to Power Jets (Research and Development) Ltd. Jet flow control for jet-sustained and jet-propelled aircraft. 2,774,554, 12-18-56, Cl. 244-23.
- Ashworth, Fred, and J. R. Ioannilli, to United Shoe Machinery Corp. Lockstitch shoe sewing machines. 2,737,134, 3-6-56, Cl. 112-36.
- Ashworth, Fred, and J. R. Ioannilli, to United Shoe Machinery Corp. Preloaded ball jointed links. 2,767,004, 10-16-56, Cl. 287-89.
- Ashworth, Fred N. Necktie clasp. 2,755,529, 2-24-56, Cl. 24-49.
- Ashworth, William J., to Mechanical Patents, Inc. Drier. 2,769,248, 11-6-56, Cl. 34-163.
- Askania Regulator Co. *See*—
- Jacques, Stanley A. 2,742,022.
- Jones, Sam H. 2,774,368.
- Sweeney, Donald R. 2,768,637.
- Ziebold, Herbert. 2,735,630.
- Askania-Werke A. G. *See*—
- Haack, Fritz. 2,750,154.
- Steglich, Kurt. 2,761,354.
- Wünsch, Guido, and Ziegler. 2,772,687.
- Asketh, Jordan S. Underground shafts. 2,734,343, 2-14-56, Cl. 61-40.
- Askew, Crawford S. Clock controlled switching device. 2,748,858, 6-5-56, Cl. 161-15.
- Askren, Lee T., and E. R. Taylor, to Eastman Kodak Co. Two-speed drive arrangement. 2,742,793, 4-24-56, Cl. 72-217.
- Aslagers, Albert. Knob-operated door lock. 2,755,121, 7-17-56, Cl. 292-169.
- Åslund, Ivan *See*—
- Tillander, Folke G., and Åslund. 2,775,164.
- Asmus, Alexander, to Siemens & Halske Aktiengesellschaft. Astigmaticity corrected electronic lenses. 2,754,443, 7-10-56, Cl. 313-84.
- Aanes, Benjamin, to Dennison Mfg. Co. Non-curling transfer material. 2,733,997, 2-7-56, Cl. 117-35.
- Asp, Howard L., and P. T. Haake, to Crane Packing Co. Flexible diaphragm for fuel pumps and the like and method of forming the same. 2,730,131, 1-10-56, Cl. 137-793.
- Aspen, Cyril S. Loom with stationary weft supply. 2,739,619, 3-27-56, Cl. 139-125.
- Aspergren, Brooks D. *See*—
- Heinzelman, Richard V., and Aspergren. 2,773,069.
- Aspey, Cecil W., to Northrop Aircraft, Inc. Self-locking fastener having longitudinal spring key detent means. 2,730,154, 1-10-56, Cl. 151-8.
- Aspey, Wayne S. *See*—
- Florschütz, Fritz E., and Aspey. 2,734,337.
- Asplund, Arne J. A. Disk type grinding apparatus for fibrous materials. 2,743,874, 5-1-56, Cl. 241-32.
- Asscef, Peter A., T. W. Mastin, and A. Rhodes, to The Lubrizol Corp. Complexes containing phosphorus and sulphur and methods of making same. 2,767,164, 10-16-56, Cl. 260-139.
- Asscef, Peter A., T. W. Mastin, and A. Rhodes, to The Lubrizol Corp. Complexes of dissimilar metals and methods of making same. 2,767,209, 10-16-56, Cl. 260-504.
- Assembly Products, Inc. *See*—
- Fiedler, Richard J. 2,763,820.
- Assman, Donald C. Livestock rubbing station. 2,762,335, 9-11-56, Cl. 119-157.
- Associated Dye and Print Co., Inc. *See*—
- Hoffman, Raymond. 2,756,669.
- Associated Refrigerating Engineers *See*—
- Hibbs, Frank J., Jr. 2,770,110.
- Associated Spring Corp. *See*—
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- Associated Tool & Mfg. Co. Ltd. *See*—
- Rush, John T. 2,749,561.
- Astaire Corp., The. *See*—
- Frederick, Jean R. 2,742,295.
- Mayer, Robert L. 2,742,530.
- Palo, Maurice. 2,768,245.
- Paul, Charles F., and Palo. 2,763,730.
- Asti, Theodore. Milking machine timing device. 2,772,689.
- Astle, Melvin J., and W. C. Gergel, to Olin Mathieson Chemical Corp. 2-chlorodioxene. 2,756,240, 7-24-56, Cl. 260-340.6.
- Astorold Mfg. Co., Inc. *See*—
- Storch, Clifford. 2,769,325.
- Astroff, Leo M. Arm and leg support. 2,732,269, 1-24-56, Cl. 311-11.
- Astrup Co., The. *See*—
- Knight, John D. 2,733,485.
- Aszkenas, Max. Watch supporting attachment for belts. 2,739,277, 1-10-56, Cl. 62-3.
- Atanasoff, John V., and E. R. Kolsrud. Low frequency vibration detection device. 2,739,297, 3-20-56, Cl. 340-17.
- Atchison, Leonard W., to General Electric Co. Defrosting arrangements for refrigerating systems. 2,746,270, 5-22-56, Cl. 6-126.
- Atchison, Leonard W., to General Electric Co. Insulating structures. 2,747,269, 5-29-56, Cl. 29-455.
- Atchison, Leonard W., to General Electric Co. Air conditioning apparatus. 2,759,333, 8-21-56, Cl. 62-3.
- Atchison, Robert L., to Instruments, Inc. Level indicator. 2,734,136, 2-7-56, Cl. 43-5.
- Ateliers de Construction de Ruti S. A. *See*—
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- Ateliers de Construction Oerlikon *See*—
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- Gailloud, Louis. 2,766,695.
- Gallusser, Hans. 2,739,055.
- Mironoff, Nicolas. 2,742,782.
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- Lombard, Jean, and Masoyer. 2,744,977.
- Atherholt, George L., Jr. *See*—
- Atherholt, George L., Sr., and G. L. Atherholt, Jr. 2,744,756.
- Atherholt, George L., Sr., and G. L. Atherholt, Jr. Hydrostatic holding device. 2,744,756, 5-8-56, Cl. 270-2.
- Atherton, George H., to the State of Oregon, acting by and through the State Board of Forestry. Combination apparatus for producing power from wood waste. 2,735,266, 2-21-56, Cl. 60-39.12.
- Atherton, James G. *See*—
- Riedel, Werner L., and Atherton. 2,772,174.
- Athey Products Corp. *See*—
- Kling, Robert W. 2,748,720.
- Kling, Robert W. 2,752,193.
- Kling, Robert W. 2,760,816.
- Kling, Robert W. 2,762,490.
- Atkeson, Florian V., to Pittsburgh Plate Glass Co. Cutting tools. 2,736,218, 2-28-56, Cl. 81-5.1.
- Atkeson, Florian V., to Pittsburgh Plate Glass Co. Automatic glass cutting machine. 2,756,545, 7-31-56, Cl. 49-48.
- Atkeson, Florian V., to Pittsburgh Plate Glass Co. Improved glass cutting method. 2,764,848, 10-2-56, Cl. 49-77.
- Atkeson, Florian V., to Pittsburgh Plate Glass Co. Annealing glass. 2,774,190, 12-18-56, Cl. 49-89.
- Atkin, Rupert L., to Kelsey-Hayes Wheel Co. Tire rim. 2,774,632, 12-18-56, Cl. 301-13.
- Atkins, Carl E., to Tung-Sol Electric, Inc. Low voltage phototube. 2,739,056, 3-27-56, Cl. 73-155.
- Atkins, Earle R., Jr. *See*—
- Nahin, Paul G., and Atkins. 2,769,921.
- Sherborne, John E., and Atkins. 2,733,005.
- Atkins, Earle R., Jr., to Union Oil Co. of California. Electric heater. 2,739,056, 3-27-56, Cl. 73-155.
- Atkins, Harold W., to Dari-Ground, Inc. Ice cream flavor insert. 2,736,274, 2-28-56, Cl. 107-1.
- Atkins, Harold W., to Dari-Ground, Inc. Flavor mixing valve. 2,736,534, 2-28-56, Cl. 259-8.
- Atkins, Herbert A., to Philip Morris and Co. Ltd., Inc. Method of packaging tobacco. 2,763,973, 9-25-56, Cl. 53-24.
- Atkins Industries, Inc. *See*—
- Small, Samuel N. 2,747,625.
- Atkins, Norman M. *See*—
- Young, De Walt S., and Atkins. 2,739,156.
- Atkins, Samuel L. *See*—
- Spooner, Bernard. 2,734,584.
- Atkinson, Albert E. Devices for centralizing casing in boreholes. 2,738,019, 3-13-56, Cl. 166-241.
- Atkinson, Allen S., 1/2 to D. G. Russ. Fuel-air control mechanism for metering flow of fuel to afterburners in jet or turbo-prop engines. 2,761,280, 9-4-56, Cl. 60-35.6.
- Atkinson Bulk Transport Co. *See*—
- Atkinson, David F., and Paulsen. 2,743,965.



- Atkinson, Duane E. Back-up warning device. 2,754,384, 7-10-56, Cl. 200—61.39.
- Atkinson, Earl B. Outlet box securing device. 2,736,450, 2-28-56, Cl. 220—3.4.
- Atkinson, Fred M., to Atkinson Bulk Transport Co. Apparatus for conveying pulverulent material in fixed installations. 2,767,030, 10-16-56, Cl. 302—17.
- Atkinson, Glenn F. Depth control and rudder device for trolling. 2,767,504, 10-23-56, Cl. 43—43.13.
- Atkinson, Guy F., Co.: *See—*
- Potts, Ernest H. 2,748,578.
- Richards, Dwight. 2,741,372.
- Atkinson, Herbert J. Liquid treatment apparatus. 2,745,550, 5-13-56, Cl. 210—36.
- Atkinson, Herbert J. Bilge pump. 2,747,513, 5-29-56, Cl. 103—103.
- Atkinson, Ralph B. Method of photographic processing and developer therefor. 2,759,824, 8-21-56, Cl. 95—88.
- Atkinson, Richard L., to Atkinson's Agricultural Appliances Ltd. Self-laying vehicle track. 2,761,744, 9-4-56, Cl. 305—10.
- Atkinson, Richard L., to Atkinson's Agricultural Appliances Ltd. Endless tracks for self-laying track type vehicles. 2,761,745, 9-4-56, Cl. 305—10.
- Atkinson, Robert G., to Phillips Petroleum Co. 2,731,328, 1-7-56, Cl. 17—49.4.
- Atkinson, Roy L. Combination plug valve and orifice housing. 2,769,456, 11-6-56, Cl. 137—268.
- Atkinson, Russell H.: *See—*
- Arnott, Edward G. F., and Atkinson. 2,771,765.
- Atkinson, Russell H., and N. C. Beese, to Westinghouse Electric Corp. Foil-filled photoflash lamp and igniter therefor. 2,768,517, 10-30-56, Cl. 67—81.
- Atkinson, Stanley H. Pistons. 2,764,457, 9-25-56, Cl. 309—4.
- Atkinson, Wallace E., to Long Mfg. Co., Inc. Lock fastener. 2,730,308, Cl. 292—145.
- Atkinson's Agricultural Appliances Ltd.: *See—*
- Atkinson, Richard L. 2,761,744.
- Atkinson, Richard L. 2,761,745.
- Atkron, Inc.: *See—*
- Copping, Brian. 2,759,593.
- Atlanta Paper Co.: *See—*
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- Gentry, Hermond G. 2,751,730.
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- Harper, Walter E., and Whitehead. 2,746,639.
- Atlantic Products Corp.: *See—*
- Cart, Theodore S. 2,746,582.
- Kish, Michael, Jr. 2,754,945.
- Atlantic Refining Co., The: *See—*
- Barrett, Wayne L., and Shipley. 2,750,329.
- Cannon, James B., Jr. 2,773,742.
- Hersberger, Arthur B., and Reid. 2,773,854.
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- Pleasants, William W. 2,742,014.
- Reid, John C., and Sidebotham. 2,773,838.
- Shields, Darvin D. 2,735,163.
- Slobod, Robert L., and Davis. 2,749,748.
- Stansbury, Harry N., Jr., and Webber. 2,755,863.
- Atlantic Steel Co.: *See—*
- Teepke, Frank A., Jr. 2,773,291.
- Atlas Boxmakers, Inc.: *See—*
- Klein, Henry J. 2,741,361.
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- Atlas Copco Aktiebolaget: *See—*
- Falkman, Hans H., Olsson, and Soderblom. 2,751,718.
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- Pyk, Herman T. 2,765,776.
- Ryd, Sven E. 2,757,906.
- Wahlsten, Gösta L. B., and Nyholm. 2,764,138.
- Atlas, David. Arac-automatic rain attenuation correction. 2,736,020, 2-21-56, Cl. 343—17.1.
- Atlas Imperial Diesel Engine Co.: *See—*
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- Atlas Instrument Co.: *See—*
- Clark, Joseph C. 2,748,560.
- Atlas Mineral Products Co. of Pennsylvania, The: *See—*
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- Atlas Plastic Mold and Die Co., The: *See—*
- Dotson, Orrie E. 2,770,339.
- Atlas Plywood Corp.: *See—*
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- Atlas Powder Co.: *See—*
- Barker, George E. 2,753,303.
- Barker, George E. 2,755,951.
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- Brandner, John D., and Hunter. 2,729,571.
- Gross, Sherwood T., and Griffin. 2,746,868.
- Huyett, Daniel D. 2,759,251.
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- Kasehagen, Leo. 2,749,371.
- Kasehagen, Leo, and Luskin. 2,759,024.
- Moat, Harry L. 2,733,653.
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- Richardson, Henry M. 2,748,028.
- Rolland, Guy F., Shoener, and Young. 2,739,535.
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- Zech, John D. 2,775,604.
- Atlas Press Co.: *See—*
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- Atlas-Werke Aktiengesellschaft: *See—*
- Kletz, Hans, Leman, and Schumacher. 2,761,703.
- Atlee, Zed J., to Dunlee Corp. X-ray tube with low-absorption windows. 2,730,637, 1-10-56, Cl. 313—59.
- Atlee, Zed J., to Dunlee Corp. Hooded anode X-ray tube. 2,751,514, 6-19-56, Cl. 313—55.
- Atlee, Zed J., to Dunlee Corp. Lubricating method. 2,754,168, 7-10-56, Cl. 313—19.
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- Atlee, Zed J., to Dunlee Corp. Anode structure for double filament X-ray tube. 2,767,341, 10-16-56, Cl. 313—56.
- Atlee, Zed J., and A. C. Hallock, to Dunlee Corp. Resistance heater for thoriated filament valves. 2,743,393, 4-24-56, Cl. 315—58.
- Attane, Edward C., Jr., G. W. Hendricks, and H. C. Huffman, to Union Oil Co. of California. Hydrocarbon conversion process, and catalyst. 2,760,907, 8-28-56, Cl. 196—28.
- Attaway, Elisha. Cotton scale. 2,737,381, 3-6-56, Cl. 263—52.
- Atti Engineering Corp.: *See—*
- Colombo, Felix. 2,748,664.
- Atti, Eros, to Westinghouse Electric Corp. Cathode ray tube screen filming by a flow method. 2,770,557, 11-13-56, Cl. 147—53.5.
- Attinello, John S.: *See—*
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- Harry, Charles H., and Attinello. 2,766,668.
- Attkisson, James R. Folding screen. 2,754,902, 7-17-56, Cl. 160—136.
- Attle, Anthony R. Container top with room for straw. 2,748,968, 6-5-56, Cl. 215—39.
- Attura, George M. Instrument and method for checking the performance of servomechanisms and automatic control systems. 2,747,162, 5-22-56, Cl. 324—158.
- Attwood, John G., to Union Special Machine Co. Sewing machine oil return system. 2,731,931, 1-24-56, Cl. 112—256.
- Attwood, John G., and C. C. Smith, to Union Special Machine Co. Vibration dampening means for sewing machines. 2,741,198, 4-10-56, Cl. 112—220.
- Attwood, John G., and S. Lipper, to Union Special Machine Co. Sewing machine. 2,765,759, 10-9-56, Cl. 112—220.
- Atvidabergs Sparvaxlar & Signalfabriks A. B.: *See—*
- Clausen, Carl H. 2,758,673.
- Atwell, Harold V., to The Texas Co. Process for the production of carbon monoxide from a solid fuel. 2,761,772, 9-4-56, Cl. 48—203.
- Atwood, Earl W. Unloader of magnetically attracted parts. 2,766,887, 10-16-56, Cl. 209—215.
- Atwood, George E., to International Minerals & Chemical Corp. Treatment of synylite ore. 2,772,775, 12-4-56, Cl. 209—11.
- Atwood, Joseph G.: *See—*
- Clark, Philip B., and Atwood. 2,773,173.
- Atwood, Joseph G., and P. B. Clark, to McGraw Electric Co. Signal light projector. 2,752,479, 6-26-56, Cl. 240—1.2.
- Atwood, Lyle C.: *See—*
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- Atwood, Lyle C., and A. Johnson, to Atwood Vacuum Machine Co. Bicycle kick stand mounting bracket. 2,735,694, 2-21-56, Cl. 280—301.
- Atwood, Richard F.: *See—*
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- Atwood, Seth B.: *See—*
- Patzner, William A. 2,745,531.
- Patzner, William A. 2,763,272.
- Atwood, Seth B., and A. Johnson, to Atwood Vacuum Machine Co. Automobile door hinge embodying hold-open means. 2,773,278, 12-11-56, Cl. 16—141.
- Atwood Vacuum Machine Co.: *See—*
- Atwood, Lyle C., and Johnson. 2,735,694.
- Atwood, Seth B., and Agnar. 2,773,278.
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- McCleary, Roy E. 2,773,403.
- Ring, Harold H., and Strommer. 2,740,644.
- Aubert, Valter A. Automobile passenger crash protector. 2,740,642, 4-3-56, Cl. 280—150.
- Aubert, Fred B.: *See—*
- Andrews, Glenn E., and Aubert. 2,755,852.
- Aubert, Jean. Slide device for dam flashboards. 2,750,747, 6-19-56, Cl. 61—47.
- Auble, Arthur J. Canopy construction. 2,762,089, 9-11-56, Cl. 20—57.5.
- Auburn Machine Works, Inc.: *See—*
- George, Warren E. 2,749,756.
- McIntine, Glenn W. 2,748,504.
- Auburn Spark Plug Co., Inc.: *See—*
- Battery, Alexander J., and Greene. 2,762,021.
- Auchenbach, William M.: *See—*
- Ko, David W., and Auchenbach. 2,731,333.
- Auchincloss, Reginald. Heterocyclic m-adducts. 2,749,342, 6-5-56, Cl. 240—248.5.
- Auchincloss, Samuel S., to DeWalt Inc. Carriage lock for cutting or sawing machines. 2,759,502, 8-21-56, Cl. 143—47.
- Auchmoody, Frank W., and W. F. Brauner, to Jo-Har Laboratories. Temperatures sensitive relay or switch. 2,742,466, 6-26-56, Cl. 200—138.



- Audette, Benjamin J. License plate holder. 2,765,553, 10-9-56, Cl. 40-125.
- Audia, Benjamin. Coil cleaner for beer distributing systems. 2,770,248, 11-3-56, Cl. 137-240.
- Audio Devices Inc.: *See—*
- Speed, William C., and Dwyer. 2,741,217.
  - Speed, William C., and Dwyer. 2,743,189.
  - Speed, William C., and Dwyer. 2,745,605.
  - Speed, William C., and Dwyer. 2,747,016.
  - Speed, William C., and Dwyer. 2,748,015.
  - Speed, William C., and Dwyer. 2,751,315.
  - Speed, William C., and Dwyer. 2,755,029.
  - Speed, William C., and Dwyer. 2,759,677.
  - Speed, William C., and Dwyer. 2,763,235.
  - Speed, William C., and Dwyer. 2,765,126.
  - Speed, William C., and Dwyer. 2,769,950.
  - Speed, William C., and Dwyer. 2,775,450.
  - Speed, William C., and Southcomb. 2,757,099.
- Audio Equipment Co., Inc.: *See—*
- Sanial, Arthur J. 2,763,720.
- Audio Products Corp.: *See—*
- Giel, George J. 2,732,534.
- Audio Tool and Engineering Ltd.: *See—*
- Tateishi, Arthur K. 2,732,724.
- Audrieth, Ludwig F., and E. S. Scott, to University of Illinois Foundation. Chemical Process. 2,771,489, 10-20-56, Cl. 28-182.
- Audubon Wire Cloth Corp. of New Jersey: *See—*
- Guba, Raymond J. 2,769,531.
- Auer, Michael J., to The Carborundum Co. Fiberizing nozzle. 2,743,136, 4-24-56, Cl. 299-107.
- Auerbach, Isaac L., and J. O. Paivinen, to Burroughs Corp. Pulse generating circuits and methods. 2,729,808, 1-3-56, Cl. 340-174.
- Auerbach-Levy, William. Picture frame securing device. 2,744,346, 5-8-56, Cl. 40-156.
- Auerbacher, Martin. Alert device for attaching to receiving sets. 2,744,194, 5-1-56, Cl. 250-20.
- Auerbach, Morris E.: *See—*
- Archer, Sydney, and Auerbach. 2,775,598.
- Auerbacher, George N., and L. H. Haskin, Jr., to Champlain Co., Inc. Automatic butt splicer. 2,745,464, 5-15-56, Cl. 154-42.3.
- Auerhelde, Richard H., to Rex Metal-Craft, Inc. Filter clogging indicator. 2,746,416, 5-22-56, Cl. 116-117.
- Augat, A. A. Machine & Tool Co., Inc.: *See—*
- Burman, Joseph O. 2,762,554.
- Augat Bros., Inc.: *See—*
- Hoy, Ralph C., and Rietz. 2,768,418.
- Augensen, Alf T., to American Can Co. Reclosure container. 2,773,622, 12-11-56, Cl. 220-48.
- Augensen, Roy V., Jr., to S & S Hinge and Metal Products Co. Luggage hinge. 2,758,332, 8-14-56, Cl. 16-191.
- Augenstein, Bruno W.: *See—*
- Gilvary, John J., Gore, Augenstein, and Randels. 2,736,015.
- Augenstein, Henry: *See—*
- Pfueger, Walter, and Augenstein. 2,762,353.
  - Pfueger, Walter, and Augenstein. 2,772,682.
- Augenstein, Karl C., to Speidel Corp. Tubular expandable band with improved stop means. 2,732,684, 1-31-56, Cl. 59-79.
- Augenstein, Karl C., to Speidel Corp. Expandible self-retracting linkage. 2,734,359, 2-14-56, Cl. 59-79.
- Aughy, William H., and W. S. Hillman, to E. I. du Pont de Nemours and Co. Spark cell assembly. 2,753,479, 7-3-56, Cl. 313-231.
- August, Edward H., J. W. Gustavson, and H. E. Hahn, to Gustavson, Inc. Mounting for metering current transformers. 2,756,399, 7-24-56, Cl. 336-174.
- August, Pablo. Mixers, particularly mortar mixer. 2,756,975, 7-31-56, Cl. 259-161.
- August, Pablo. Internal combustion engines. 2,760,467, 8-28-56, Cl. 123-34.
- Augustin, Darold A., to Bendix-Westinghouse Automotive Air Brake Co. Power steering apparatus. 2,746,557, 5-22-56, Cl. 150-79.2.
- Augustin, Johann W., to International Standard Electric Corp. Method and device for transmitting code signals. 2,737,545, 3-6-56, Cl. 178-3.
- Auhagen, Ernst: *See—*
- Bauer, Klaus, and Auhagen. 2,734,845.
- Auhagen, Ernst, and K. Bauer, to Schenley Industries, Inc. Aqueous suspensions of procaine penicillin. 2,731,387, 1-17-56, Cl. 167-65.
- Auhagen, Ernst, and K. Bauer, to Schenley Industries, Inc. Aqueous suspension of procaine penicillin and quaternary ammonium salt of antihistamine. 2,734,846, 4-14-56, Cl. 167-65.
- Aukema, Simon. Axial pressure type self-centering tire removing device. 2,757,720, 8-7-56, Cl. 157-1.2.
- Aukens, Adrian E. Holder emptying device. 2,757,810, 8-7-56, Cl. 214-315.
- Auld, James E. Automatic control system for hoisting apparatus. 2,730,245, 1-10-56, Cl. 212-39.
- Aull, Henry B.: *See—*
- Bayes, Ross, and Aull. 2,729,558.
- Aull, Watson F. Tracking toy. 2,754,598, 7-17-56, Cl. 36-1.
- Ault, Cyrus F., to Allen B. Du Mont Laboratories, Inc. Regulating circuit. 2,734,163, 2-7-56, Cl. 321-1.
- Ault, Hyman J. Drapery cornice mounting. 2,757,724, 8-7-56, Cl. 160-19.
- Ault, Neil N., to Norton Co. Zirconia cement. 2,769,718, 11-6-56, Cl. 106-85.
- Ault, Thomas J. Cargo container locking structure. 2,736,602, 2-28-56, Cl. 296-35.
- Ault, Waldo C.: *See—*
- LeCompte, George C., and Ault. 2,735,780.
- Aul, Waldo C., and S. G. Morris, to the United States of America as represented by the Secretary of Agriculture. Lard oil and oleo oil. 2,729,659, 1-3-56, Cl. 260-409.
- Aultman, George J. Cleaning apparatus. 2,753,212, 7-3-56, Cl. 299-84.
- Aumer, Roger J., and A. Meyerhoff. Machining tool. 2,762,250, 9-11-56, Cl. 82-18.
- Aumick, Kenneth D., to Bendix Aviation Corp. Reciprocating electromagnetic pump. 2,765,747, 10-9-56, Cl. 103-53.
- Aumüller, Edward F., R. L. Dwight, and R. T. Kirchhoff, to Sperry Rand Corp. Electromagnetic clutch. 2,761,056, 8-19-56, Cl. 192-56.
- Aumüller, Walter: *See—*
- Ehrhart, Gustav, and Aumüller. 2,745,839.
- Aune, Melvin O. Straw cutter and spreader attachment for combines. 2,754,126, 7-10-56, Cl. 275-3.
- Aupoix, Marcel, and E. Droche, to Hartford National Bank and Trust Co., as trustee. Electron gun, particularly for cathode ray tubes. 2,745,979, 5-15-56, Cl. 313-82.
- Apperle, William. Yarn spool. 2,741,442, 4-10-56, Cl. 242-118.
- Aurandt, Harry K.: *See—*
- Durand, Charles. 2,766,472.
- Aurin, Bruno, and W. Dehne, to H. E. Thomas. Blast nozzles for melting furnaces. 2,735,409, 2-21-56, Cl. 122-6.6.
- Aurora Equipment Co.: *See—*
- Dunham, Thomas M. 2,733,037.
  - Dunham, Thomas M. 2,733,112.
  - Dunham, Thomas M. 2,754,025.
- Ausmus, Bernell L. Fire hose holder and clamp. 2,746,064, 5-22-56, Cl. 7-4.
- Aust, Joseph B.: *See—*
- Van Ormer, William K., and Aust. 2,770,928.
- Aust, Robert J., and W. K. Newman, to P. R. Mallory & Co., Inc. Adjustable timer switch. 2,758,166, 8-7-56, Cl. 200-38.
- Auster, Louis. Safety locking device for gas and electric appliances. 2,749,903, 6-12-56, Cl. 126-42.
- Austin, Albert M.: *See—*
- Bemis, Robert F. 2,750,099.
- Austin, Benjamin L.: *See—*
- Baker, Reuben C., and Austin. 2,737,247.
- Austin, Dwight E. Headrest for vehicle. 2,760,559, 8-28-56, Cl. 155-177.
- Austin, Earl B., to Lockheed Aircraft Corp. Blind rivet with lock. 2,756,624, 7-31-56, Cl. 85-40.
- Austin, Elsworth W.: *See—*
- Deuschel, Andrew L., and Austin. 2,752,123.
- Austin, Horace F. Waterproof shield for the protection of men's lowerpart garments. 2,753,568, 7-10-56, Cl. 2-231.
- Austin Hoy and Co., Ltd.: *See—*
- Proctor, Sidney E. 2,733,905.
  - Proctor, Sidney E. 2,755,077.
  - Proctor, Sidney E. 2,773,394.
- Austin, James A. Roving holder for a juke box selector. 2,734,951, 2-14-56, Cl. 191-22.
- Austin, James A. Roving holder for a juke box selector. 2,734,952, 2-14-56, Cl. 191-22.
- Austin, John R., Sr. Separating screen for overshot loader bucket. 2,764,292, 9-25-56, Cl. 209-421.
- Austin, John R., Sr. Piston rod guard for material handling apparatus. 2,764,303, 9-25-56, Cl. 214-131.
- Austin, Leonard E., to Illinois Tool Works. Hopper screw feeding mechanism. 2,740,438, 4-3-56, Cl. 144-32.
- Austin, Leonard E., to Illinois Tool Works. Power screw driver. 2,770,269, 11-13-56, Cl. 144-32.
- Austin, Leslie W., and J. C. Hicks, to Kaiser Aluminum & Chemical Corp. Composite refractory material. 2,775,525, 12-25-56, Cl. 106-59.
- Austin, Leslie W., and J. C. Hicks, to Kaiser Aluminum & Chemical Corp. Refractory material. 2,775,526, 12-25-56, Cl. 106-59.
- Austin, Leslie W., and J. C. Hicks, to Kaiser Aluminum & Chemical Corp. Refractory material. 2,775,527, 12-25-56, Cl. 106-60.
- Austin Motor Co., Ltd.: *See—*
- Harris, David P. 2,753,726.
  - Harris, David P. 2,756,611.
- Highfield, Frank W. W. 2,744,032.
- Stuart, Duncan J. K. 2,765,893.
- Weaving, John H., Payne, and Stuart. 2,753,024.
- Austin, Ralph W., to Process Engineering Inc. Fire extinguisher. 2,751,025, 6-19-56, Cl. 169-32.
- Austin, Ralph W., to Process Engineering Inc. Fire-extinguishing apparatus. 2,760,587, 8-28-56, Cl. 169-31.
- Austin, Ruth A.: *See—*
- Austin, Walter S. 2,735,529.
- Austin, Walter S.,  $\frac{1}{4}$  to R. A. Austin, and  $\frac{1}{4}$  to W. S. Austin, Jr. Variable-ratio hydraulic transmission. 2,735,529, 2-21-56, Cl. 192-58.
- Austin, Walter S., Jr.: *See—*
- Austin, Walter S. 2,735,529.
- Austin, Wendell F., to Metromatic Mfg. Co., Inc. Forced flow air heating and water heating furnace. 2,741,242, 4-10-56, Cl. 126-101.
- Austing, Lawrence B.: *See—*
- Giese, Alphonse J., and Austing. 2,742,733.
- Austing, Lawrence B., to Vulcan Corp. Educational spinning toy. 2,752,816, 7-3-56, Cl. 88-116.

- Australian Iron & Steel Ltd.: *See*—  
Escher, Hans. 2,755,750.
- Auten, Robert W.: *See*—  
Hurwitz, Melvin D., and Auten. 2,765,336.  
Yost, Robert S., and Auten. 2,742,450.
- Auten, Robert W., and R. S. Yost, to Rohm & Haas Co. Poly-  
hydroxypolyalkylenepolyureas. 2,742,453, 4-17-56, Cl.  
260-77.5.
- Auto Arc-Weld Mfg. Co., The: *See*—  
Cornell, Elliot C., Jr. 2,759,120.
- Auto-Diesel Piston Ring Co., The: *See*—  
Sawyer, Orrin F. 2,738,243.
- Auto Lamp Mfg. Co.: *See*—  
Daneke, August J. 2,760,113.  
Dorfman, Oscar W., and Peters. 2,740,105.  
Spangenberg, Charles B. 2,751,522.
- Auto Research Corp.: *See*—  
Thomas, Thomas R. 2,765,661.  
Thomas, Thomas R. 2,773,562.
- Auto Specialties Mfg. Co.: *See*—  
Lucker, Millard B. 2,731,232.  
Lucker, Millard B. 2,743,903.  
Lucker, Millard B. 2,750,150.  
Lucker, Millard B. 2,760,756.
- Auto Union Co. m. b. H.: *See*—  
Schwenk, Kurt. 2,734,742.
- Autogiro Co. of America: *See*—  
Pitcairn, Harold F., and Campbell. 2,742,095.  
Pullin, Cyril G. 2,761,521.
- Automatic Canteen Co. of America: *See*—  
Swingler, William F. 2,775,465.  
Thompson, Ernest H. Re. 24,228.
- Automatic Canteen Co. of America, Inc.: *See*—  
Mueller, Richard J. 2,770,394.
- Automatic Coinwrapping Machine Corp.: *See*—  
Schoenewolf, Friederich W. 2,755,978.
- Automatic Devices Corp.: *See*—  
Johnson, Arthur A. 2,747,605.  
Johnson, Arthur A. 2,734,987.
- Automatic Electric Laboratories, Inc.: *See*—  
Baird, Douglas O., and Bielenberg. 2,739,184.  
Bakker, Pier. 2,744,962.  
Bakker, Pier. 2,751,436.  
Bakker, Pier. 2,761,908.  
Bartelink, Everhard H. B. 2,737,578.  
Bartha, Stephen J. 2,735,898.  
Bieg, John H. 2,739,558.  
Coleman, Ivan V. 2,773,127.  
Crabtree, Leonard F. 2,748,374.  
Dimmer, Robert P. 2,751,546.  
Dimmer, Robert P. 2,766,936.  
Eckman, Leonard G., and Zaruba. 2,731,554.  
Faulkner, Alfred H. 2,729,705.  
Faulkner, Alfred H. 2,733,374.  
Faulkner, Alfred H. 2,748,196.  
Faulkner, Alfred H. 2,765,426.  
Faulkner, Alfred H. 2,769,365.  
Faulkner, Alfred H., and Huffman. 2,729,703.  
Grandstaff, Otto D. 2,742,538.  
Grandstaff, Otto D. 2,745,008.  
Graybill, Kenneth W. 2,734,974.  
Graybill, Kenneth W., and Lomax. 2,769,863.  
Hendfield, Bertram M. 2,729,771.  
Henrikson, Oscar W. 2,737,651.  
Johnston, Leith, and Coulombe. 2,750,880.  
Johnston, Leith, McCreary, and Stiles. 2,770,675.  
Jones, Roy W. 2,735,892.  
Kaiser, Kenneth G. 2,740,528.  
Lindbloom, William A. 2,742,529.  
Lomax, Clarence E. 2,733,295.  
Lomax, Clarence E. 2,750,447.  
Lomax, Clarence E. 2,751,434.  
Lomax, Clarence E. 2,759,048.  
Lomax, Clarence E. 2,761,906.  
Lomax, Clarence E. 2,761,906.  
Lomax, Clarence E. 2,763,724.  
Lomax, Clarence E. 2,767,247.  
Lomax, Clarence E. 2,773,126.  
Lomax, Clarence E. 2,774,819.  
MacDonald, Duncan N. 2,733,323.  
MacDonald, Duncan N. 2,767,249.  
McCreary, Harold J. 2,740,948.  
McCreary, Harold J. 2,744,219.  
Molnar, Imre. 2,744,965.  
Murray, James S. 2,750,458.  
Newstedt, Harry N. 2,775,648.  
Ostline, John E. 2,740,836.  
Ostline, John E. 2,748,197.  
Ostline, John E. 2,763,725.  
Ostline, John E. 2,771,510.  
Peterson, Edward S. 2,755,372.  
Sengebusch, Hans. 2,735,891.  
Sengebusch, Hans. 2,739,485.  
Sengebusch, Hans. 2,762,866.  
Sengebusch, Hans. 2,767,352.  
Wicks, John. 2,731,515.  
Woodruff, Albert E. 2,772,390.
- Automatic Lite Co., The: *See*—  
Linhardt, Charles, Jr. 2,770,436.
- Automatic Phone Recorder Co. Ltd.: *See*—  
Fontaine, John G. 2,754,358.
- Automatic Poultry Feeder Co.: *See*—  
Smallegan, Marvin L. 2,729,415.  
Smallegan, Marvin L. 2,737,823.  
Smallegan, Marvin L. 2,742,020.  
Smallegan, Marvin L. 2,742,139.  
Smallegan, Marvin L. 2,768,527.
- Automatic Pump & Softener Corp.: *See*—  
Whitlock, Robert A., Jr. 2,742,540.
- Automatic Shifters, Inc.: *See*—  
Ingres, Jeannot G. 2,737,251.
- Automatic Steel Products, Inc.: *See*—  
Kilian, Robert J., Williams, and Wickwire. 2,729,110.
- Automatic Telephone & Electric Co. Ltd.: *See*—  
Murray, Lawrence J., Davidson, Threadgold, and Allum. 2,761,012.  
Terroni, Teso B. D. 2,752,571.  
Threadgold, Ronald. 2,745,455.
- Automatic Temperature Control Co., Inc.: *See*—  
MacGeorge, William D. 2,737,641.
- Automatic Totalisators Ltd.: *See*—  
Julius, Awdry F. 2,732,794.
- Automatic Tow Bar Co., Inc.: *See*—  
Gross, Arthur R. 2,746,771.
- Automotive & Marine Products Corp.: *See*—  
Harvey, Draper M. 2,741,237.  
Harvey, Draper M. 2,745,396.  
Harvey, Draper M. 2,765,784.
- Automotive Products Co. Ltd.: *See*—  
Chouings, Leslie C. 2,753,956.  
Mott, Frederick M., and Bradbury. 2,742,987.  
Parker, Sydney M. 2,739,678.
- Autophon A. G.: *See*—  
Stricker, Walter. 2,740,048.
- Autopulse Corp.: *See*—  
Germann, George J. 2,764,947.
- Autoscope, Inc.: *See*—  
Smith, Tom F. 2,734,420.
- Autover Co., Inc. The: *See*—  
Giesker, William C., and Britton. 2,746,915.  
Lewis, Arthur J., 3rd. 2,749,670.  
Tredeley, George D. 2,760,924.
- Auvel, Harvey, and L. D. Schmidt, to Allied Chemical  
& Dye Corp. Elimination of phenol from coke plant ef-  
fluents. 2,768,977, 10-30-56, Cl. 260-627.
- Auville, Raymond K., and T. Walton. Violin construction.  
2,741,937, 4-17-56, Cl. 84-274.
- Auwärter, Max, to A. Vogt. Device for the cleaning of sight  
glasses allowing inspection of high vacuum rooms.  
2,745,131, 5-15-56, Cl. 15-255.
- Auwärter, Max, to Dr. A. Vogt. Process and apparatus for  
treating by vapour deposition a plurality of articles intro-  
duced at several levels, while maintaining the same vacuum.  
2,745,767, 5-15-56, Cl. 117-38.
- Auwärter, Max, to A. Vogt. Hand-operated valve, in par-  
ticular for vacuum plants. 2,755,059, 7-17-56, Cl. 251-167.
- Auwärter, Max, to Alois Vogt. Interference filter for sun-  
glasses. 2,758,510, 8-14-56, Cl. 88-106.
- Auwärter, Max, to Dr. A. Vogt. Two-stage pump, in par-  
ticular a vacuum pump. 2,759,664, 8-21-56, Cl. 230-152.
- Avakian, Souren: *See*—  
Martin, Gustav J., Beiler, and Avakian. 2,769,817.
- Avakian, Souren, J. M. Beiler, and G. J. Martin, to The Na-  
tional Drug Co. Inorganic acid esters of polyhydroxylated  
flavones and flavanones. 2,764,596, 9-25-56, Cl. 260-345.2.
- Avco Mfg. Corp.: *See*—  
Benson, Ralph L., and Scherzinger. 2,740,578.  
Bopp, Calvin C. 2,751,446.  
Bopp, Calvin C., and Bradmiller. 2,770,731.  
Bussard, Emmery J. H. 2,748,286.  
Bussard, Emmery J. H., and Nathan. 2,763,776.  
Duncan, Dan B., and Mitterdorf. 2,749,717.  
Garcla, Arthur. 2,748,357.  
Haverstock, Julius J. 2,760,639.  
Jansen, Robert A. 2,770,954.  
Kenjowski, Nicholas. 2,763,976.  
Maher, Richard A., and Pfitzer. 2,745,899.  
Myers, William H. 2,734,013.  
Nave, Alfred E., and Kenna. 2,755,972.  
Norberg, Oscar E. 2,775,430.  
Norberg, Oscar E., and Ladin. 2,747,773.  
Roedter, Henry E. 2,770,102.  
Rohm, Frederic G. 2,729,201.  
Schwarz, Hans G. 2,743,313.  
Stott, Ted, and Shepstone. 2,741,512.  
Tann, David. 2,758,461.  
Wiegman, Clarence H., King, Rickenbach, and Rohm. 2,764,247.
- Wissel, Francis A., Parker, and Wedig. 2,739,182.  
Woodburn, Joseph J. 2,731,962.
- Avedisian, Arthur A. to The Taylor & Fenn Co. Ductile  
iron. 2,749,236, 6-5-56, Cl. 75-123.
- Avellone, Richard C.: *See*—  
Shepard, George A., and Avellone. 2,760,929.
- Avenell, Eric R.: *See*—  
Tapp, Raymond P. J., Avenell, and Hansen. 2,758,730.
- Avera, William W., and M. G. Saunders, to The  
Co. Eliminator plate assembly for air washers. 2,752,005,  
6-26-56, Cl. 183-113.
- Averill, Charles C., to Union Steel Products Co. Heating  
element unit for ovens and the like. 2,732,475, 1-24-56,  
Cl. 219-19.
- Averill, Charles C., to Union Steel Products Co. Collapsible  
stacking receptacle. 2,733,828, 2-7-56, Cl. 220-6.

- Averill, Charles C., to Union Steel Products Co. Material handling pallets or skids. 2,733,884, 2-7-56, Cl. 243-120.
- Averill, Charles C., to Union Steel Products Co. Collapsible walled stacking pallet and stacking container. 2,735,569, 2-21-56, Cl. 220-6.
- Averill, Charles C., and H. W. Tuttle, Jr., to Union Steel Products Co. Oven heating unit. 2,730,603, 1-10-56, Cl. 219-19.
- Averill, William D.: See—
- Raehrs, Emery C., and Averill. 2,747,271.
- Aversten, Karl J. Electric welding and soldering gun. 2,747,062, 5-22-56, Cl. 219-4.
- Aversten, Karl J., Svenska Aktiebolaget Gasaccumulator. Porous shielding body to be used while fastening pins, studs and the like by means of arc welding or soldering and method for producing same. 2,753,426, 7-3-56, Cl. 219-8.
- Avertisseurs Rouliers Silencieux: See—
- Gourdou, Charles. 2,771,594.
- Avery Adhesive Label Corp.: See—
- Smith, Charles E. 2,748,697.
- Avery, Charles C., Jr., to The Cravenette Co. Metal-coated cloth and composition and method for making the same. 2,767,104, 10-16-56, Cl. 117-65.
- Avery, Fred J. Apparatus for treating meat and the like. 2,741,974, 4-17-56, Cl. 99-257.
- Avery, Fred J., to H. L. Kuehlthau. Swingable material handling units for lift trucks. 2,756,888, 7-31-56, Cl. 214-653.
- Avery-Hardoll Ltd.: See—
- Fraser, John. 2,729,471.
- Fraser, John. 2,734,660.
- Fraser, John. 2,760,680.
- Fraser, John. 2,762,389.
- Fraser, John. 2,773,707.
- Fraser, John. 2,775,258.
- Avery, Harold T.: See—
- Nolde, George V., and Avery. 2,771,599.
- Avery, Harold T., to Minneapolis-Honeywell Regulator Co. Automatic control system for rotating wing aircraft. 2,731,215, 1-17-56, Cl. 244-17.13.
- Avery, Harold T., and R. W. Hampton, to Marchant Research, Inc. Readout devices. 2,771,505, 11-20-56, Cl. 178-23.
- Avery, Leon M., to Crouse-Hinds Co. Housing for electrical apparatus. 2,734,097, 2-7-56, Cl. 174-52.
- Avery, W. & T., Ltd.: See—
- Round, David S. 2,730,351.
- Aves, Fred J. Curb indicator. 2,731,935, 1-24-56, Cl. 116-28.
- Aviation Developments, Inc.: See—
- McDowell, Nathan H., and Myers. 2,752,742.
- Aviation Engineering Division Avien-Kniekerbocker, Inc.: See—
- Feigin, Leon. 2,744,416.
- Feigin, Leon. 2,765,662.
- Meyer, Franklin. 2,745,053.
- Snyder, Ellery P., and Antipapas. 2,755,397.
- Avien, Inc.: See—
- Sullivan, Thomas J. 2,759,134.
- Avila-Figueroa, Alberto. Padlock hasp and knocker. 2,761,719, 9-4-56, Cl. 292-281.
- Avondoglio, Leo, to Curtiss-Wright Corp. Closure for access opening in propeller spinner. 2,759,624, 8-21-56, Cl. 220-35.
- Avoset Co.: See—
- Porch, Arthur E., and Harrison. 2,772,819.
- Avril, Arthur C., to A and T Development Corp. Sectional concrete forms. 2,762,105, 9-11-56, Cl. 25-131.
- Avruch, Julius. Antenna protector. 2,748,905, 6-5-56, Cl. 189-26.
- Avrubin, Victor. Safety electric socket. 2,735,906, 2-21-56, Cl. 200-51.09.
- Awe, Raymond H. Ventilated back rest for a vehicle seat. 2,758,532, 8-14-56, Cl. 98-2.
- Awenius, William R., Sr.: See—
- Slater, Francis W. 2,757,384.
- Axe, William N.: See—
- Hutto, John F., and Axe. 2,757,194.
- Whitney, William B., and Axe. 2,773,038.
- Axe, William N., to Phillips Petroleum Co. Separation of straight-chain compounds from branched-chain compounds. 2,737,508, 3-6-56, Cl. 260-96.5.
- Axel Bros., Inc.: See—
- Grafstein, Peter. 2,745,265.
- Axelrad, Bernard A., to Freeport Sulphur Co. Sea water heating. 2,756,207, 7-24-56, Cl. 210-14.
- Axelrad, Bernard A., and Y. H. Brogdon, to Freeport Sulphur Co. Heating of saline water and mining of sulfur therewith. 2,756,035, 7-24-56, Cl. 262-3.
- Axelrad, Bernard A., and B. M. Fisher, to Freeport Sulphur Co. Water heating process for sulfur mining. 2,758,208, 7-24-56, Cl. 210-14.
- Axelrad, Corinne: See—
- Axelrad, Sol. 2,756,747.
- Axelrad, Sol, deceased; C. Axelrad, executrix, to Allergists Supply Co. Inc. Hypodermic syringe having an adjustable plunger. 2,756,747, 7-31-56, Cl. 128-219.
- Axelrod, Albert, to Transitor, Inc. Electro mechanical transducers. 2,761,981, 9-4-56, Cl. 310-27.
- Axelsson, Carl A.: See—
- Baker, Kenneth L., and Axelsson. 2,754,759.
- Axelsson Mfg. Co., Division of Pressed Steel Car Co., Inc.: See—
- Rose, Howard E., and Bloudoff. 2,729,941.
- Axelsson, Eskil A. Cup heater. 2,730,608, 1-10-56, Cl. 219-188.
- Axford, Anthony J.: See—
- Kendall, John D., and Axford. 2,753,265.
- Grafstein, Peter. 2,745,266.
- Axlander, Axel N. A. Automatic air relief device. 2,751,925, 8-26-56, Cl. 137-202.
- Axt, Wallis C.: See—
- Heizer, Edward J., and Axt. 2,748,797.
- Axtell, Willard G., D. T. Beggs, and D. A. Amerose, to Shwayder Bros. Folding chair seat fastener. 2,729,279, 1-3-56, Cl. 155-196.
- Axtom, Robert T., to E. A. Dodd. Article transfer mechanism. 2,741,356, 4-10-56, Cl. 198-20.
- Ayars, Harry D., to American Machinery Corp. Filler-valve for filling containers. 2,761,607, 9-4-56, Cl. 226-109.
- Aycock, Benjamin F., to Rohm & Haas Co. Condensation products of urea-formaldehyde resin and an amide and methods of producing them. 2,765,287, 10-2-56, Cl. 260-25.
- Aycock, Benjamin F., and L. E. Kelley, to Rohm & Haas Co. Transparentized paper and method making. 2,765,243, 10-2-56, Cl. 117-155.
- Ayensa, Robinsoniano G. Valves for watercloset tanks and means for operating same. 2,746,059, 5-22-56, Cl. 4-53.
- Ayer, Ermon F., to General Hardware Mfg. Co., Inc. Clamping devices. 2,741,077, 4-10-56, Cl. 51-221.
- Ayer, Ermon F., to General Hardware Mfg. Co., Inc. Pliers having jaw limiting means thereon. 2,760,390, 8-28-56, Cl. 81-41.
- Ayers, Arnold L.: See—
- Scott, Cleveland R., and Ayers. 2,771,738.
- Scott, Cleveland R., Ayers, and Mahan. 2,771,737.
- Ayers, Arnold L., and C. R. Scott, to Phillips Petroleum Co. Resinous compounds by condensing peroxides with alkene thiols. 2,738,541, 3-13-56, Cl. 260-79.7.
- Ayers, David T., Jr., to Kelsey-Hayes Wheel Co. Booster brake mechanism. 2,731,797, 1-24-56, Cl. 60-54.6.
- Ayers, David T., Jr., to Kelsey-Hayes Wheel Co. Booster brake mechanism. 2,765,989, 9-25-56, Cl. 60-54.6.
- Ayers, David T., Jr., to Kelsey-Hayes Wheel Co. Master cylinder structure for booster brake mechanisms. 2,767,548, 10-23-56, Cl. 60-54.6.
- Ayers, David T., Jr., and E. G. Hill, to Kelsey-Hayes Wheel Co. Fluid pressure operated motor. 2,760,223, 11-13-56, Cl. 121-41.
- Ayers, Eppie M. Leg rest. 2,760,558, 8-28-56, Cl. 155-169.
- Ayers, Fred L., 51% to C. G. Keferstein and 20% to A. Elkin; A. H. Bogutz, and P. Sterling, trustees under inter vivos trust of N. Elkin. Mechanism for attaching welts. 2,765,758, 10-9-56, Cl. 112-80.
- Ayers, Fred L. Method of making a shoe. 2,769,189, 11-6-56, Cl. 12-142.
- Ayers, George W., and A. F. Millikan, to The Pure Oil Co. Ductile asphalt composition. 2,761,823, 9-4-56, Cl. 196-152.
- Ayers, James B. Steering and braking means for child's car. 2,766,994, 10-16-56, Cl. 280-87.01.
- Ayers, Joseph G.: See—
- Sparkes, Harry P., Ayers, and Newman. 2,765,526.
- Ayers, Roy E. Harvester machine and sickle guard extension therefor. 2,746,231, 5-22-56, Cl. 56-318.
- Ayling, Robert W.: See—
- Swart, Richard H., and Ayling. 2,752,213.
- Ayling, Robert W., to Carrier Corp. Flexible coupling. 2,747,386, 5-20-56, Cl. 64-11.
- Ayling, Robert W., to Carrier Corp. Seals for rotating shafts. 2,752,176, 6-26-56, Cl. 286-11.
- Ayling, Robert W., to Carrier Corp. Seal for a rotating shaft. 2,753,198, 7-3-56, Cl. 286-11.
- Aylor, Elmo E. Scale. 2,741,473, 4-10-56, Cl. 265-68.
- Aymerich, Jose M. B. System for drafting fibrous materials. 2,771,639, 11-27-56, Cl. 19-130.
- Aynes, Marcy F.: See—
- Altschwaiger, Wilmer J., and Aynes. 2,769,105.
- Ayo, Jackson J., Jr.: See—
- Knowles, Cecil M., and Ayo. 2,758,977.
- Ayre, James E. Instrument for obtaining cells for cytodiagnosis. 2,739,585, 3-27-56, Cl. 128-2.
- Ayre, Clifford C.: See—
- Ayres, Waldemar A. 2,763,121.
- Ayres, Frank W., and F. A. Helfrecht, deceased (by W. M. Helfrecht, executrix), to National Motor Bearing Co., Inc. Fluid seal. 2,743,951, 5-1-56, Cl. 288-3.
- Ayres, Gilbert A., to David & Gock, Inc. Tertiary butyl alcohol as a tubing fluid. 2,739,704, 3-27-56, Cl. 206-63.3.
- Ayres, Jay J., and L. H. Shanin, to Radio Corp. of America. Sliding connector. 2,730,683, 1-10-56, Cl. 339-17.
- Ayres, John E., to Oil Equipment Laboratories, Inc. Combined closure and valve operating member. 2,753,590, 2-2-56, Cl. 222-304.
- Ayres, John E., to Oil Equipment Laboratories, Inc. Combined dispenser and valve operating mechanism. 2,752,066, 6-26-56, Cl. 222-41.
- Ayres, Nancy, to T. S. Kelly. Elastic insert for undergarments. 2,756,899, 3-6-56, Cl. 2-19.
- Ayres, Nancy. Device for rolling pastry dough. 2,744,475, 5-8-56, Cl. 107-46.
- Ayres, Sarah A. Pie crust package and method of making same. 2,745,753, 5-15-56, Cl. 99-172.
- Ayres, Waldemar A., to White Sewing Machine Corp. Sewing machine. 2,730,978, 1-17-56, Cl. 112-228.
- Ayres, Waldemar A., to White Sewing Machine Corp. Sewing machine. 2,731,929, 1-24-56, Cl. 112-205.



- Ayres, Waldemar A., to White Sewing Machine Corp. Bobbin winder. 2,733,867, 2-7-56, Cl. 242-22.
- Ayres, Waldemar A., to White Sewing Machine Corp. Sewing machine. 2,746,407, 5-22-56, Cl. 112-228.
- Ayres, Waldemar A., to White Sewing Machine Corp. Sewing machine. 2,746,408, 5-22-56, Cl. 112-229.
- Ayres, Waldemar A., to White Sewing Machine Corp. Sewing machine. 2,760,458, 8-28-56, Cl. 112-254.
- Ayres, Waldemar, to Ayres Clock Co., Inc. Horeological mechanism. 2,763,121, 9-18-56, Cl. 58-28.
- Ayres, William R., to Radio Corp. of America. Resistance actuated control network. 2,767,244, 10-16-56, Cl. 179-1.
- Ayup, Gilbert J. Portable fan. 2,759,714, 8-21-56, Cl. 261-24.
- Azbe Corp. *See*—
- Azbe, Victor J. 2,742,276.
- Azbe, Victor J., to Azbe Corp. Calcining apparatus for producing lime or the like. 2,742,276, 4-17-56, Cl. 263-29.
- Azéma, Charles *See*—
- Gutton, Henri, and Azéma. 2,761,091.
- Azéma, Charles, to Compagnie Generale de Telegraphie Sans Fil. Magnetron tube. 2,734,148, 2-7-56, Cl. 315-39.61.
- Azgapetian, Victor, and J. Worthing, to Servomechanisms, Inc. Frequency responsive device and system employing the same. 2,747,149, 5-22-56, Cl. 318-29.
- Azoplate Corp. *See*—
- Neugebauer, Wilhelm, and Bartheneier. 2,739,889.
- Neugebauer, Wilhelm, and Tomanek. 2,757,090.
- Neugebauer, Wilhelm, and Tomanek. 2,759,820.
- Neugebauer, Wilhelm, Tomanek, and Scherer. 2,768,077.
- Schmidt, Maximilian P. 2,767,092.
- Schmidt, Maximilian P., and Süs. 2,754,209.
- Schmidt, Maximilian P., and Süs. 2,759,817.
- Süs, Oskar, and Möller. 2,773,766.
- Süs, Oskar, and Schmidt. 2,766,118.
- Süs, Oskar, Schmidt, and Glos. 2,773,765.
- Tomanek, Martha, and Neugebauer. 2,773,767.
- B. B. Chemical Co. *See*—
- Clark, Alfred S. 2,774,699.
- Paulsen, Hans C. 2,746,067.
- Perkins, John L. 2,746,179.
- Seeton, Frederic E., Perkins, and Winslow. 2,760,282.
- Wedge, Walter H. 2,769,188.
- B. & E. Engineering & Supply Co., Inc. *See*—
- Smith, Egmont S. 2,751,941.
- Smith, Egmont S. 2,773,527.
- B-I-F Industries, Inc. *See*—
- Borden, Walter E. 2,760,371.
- Gary, Francis H. 2,740,957.
- Coffman, Paul A., Jr. 2,740,561.
- Coffman, Paul A., Jr. 2,750,073.
- Smith, Marsden C. 2,741,986.
- Walker, James D. 2,769,785.
- B & L Mfg. Co. *See*—
- Linscheid, Arthur A. 2,762,183.
- B & M Mills, Inc. *See*—
- MacIntyre, John A. 2,750,245.
- B-W Brake Co. *See*—
- McComb, Claude A. 2,757,729.
- Baader, Rudolf, deceased; R. Fahrigr, executor, to Nordischer Maschinenbau Rudolf Baader. Process for removing backbones from fish. 2,750,623, 6-19-56, Cl. 17-43.
- Baak, Albert E., to P. Henry. Snap action switch. 2,753,411, 7-3-56, Cl. 12-67.
- Babalan, Masrop K., to Centric Clutch Co. Overload release clutch. 2,753,029, 7-3-56, Cl. 192-56.
- Babb, Lyonal A. *See*—
- O'Donnell, Edward P. 2,729,464.
- Babb, Thomas W. *See*—
- O'Donnell, Edward P. 2,729,464.
- Babb, Warren C. *See*—
- Merritt, Thomas W., Thomas, and Babb. 2,737,924.
- Babbage, Neville F. Sanitary appliance for children's use. 2,730,726, 1-17-56, Cl. 4-141.
- Babbitt, Bernard R., and J. Y. Welsh, to Manganese Chemicals Corp. Manganese dioxide depolarizer. 2,739,914, 3-27-56, Cl. 136-139.
- Babcock, David L., and M. N. Nowak, to Eastman Kodak Co. Photographic copying apparatus. 2,747,479, 5-29-56, Cl. 95-89.
- Babcock-Davis Associates, Inc. *See*—
- Levine, Nathan. 2,736,931.
- Babcock, Earl, to Ezzo Research and Engineering Co. Gun perforators for wells. 2,749,840, 6-12-56, Cl. 102-20.
- Babcock, Horace W., to the United States of America as represented by the Secretary of the Navy. Rocket sight for aircraft. 2,733,006, 1-31-56, Cl. 235-61.5.
- Babcock, John C. *See*—
- Holysz, Roman P., and Babcock. 2,752,369.
- Babcock, John C., and A. C. Ott, to The Upjohn Co. Thio-steroid production. 2,775,062, 12-25-56, Cl. 260-397.3.
- Babcock, Kenneth L., to Air Control Products, Inc. Air register of the wall type commonly designated as baseboard registers. 2,766,676, 10-16-56, Cl. 93-40.
- Babcock, Roger S. *See*—
- Kelley, Dewitt T., Babcock, and Holab. 2,735,796.
- Babcock & Wilcox Co., The *See*—
- Alexeff, Alexander V., and Godshalk. 2,775,216.
- Allen, Robert K., and Coulter. 2,758,017.
- Anderson, Clarence E. 2,749,809.
- Carpenter, Otis R., and Jessen. 2,770,030.
- Coughlin, Daniel T. 2,757,649.
- Coulter, Earl E. 2,732,028.
- Coulter, James H., Jr., and Hutton. 2,744,812.
- Culp, Samuel K. 2,762,573.
- Eberle, Fritz T. 2,759,249.
- Edgecombe, David A. 2,731,123.
- Edgecombe, David A. 2,738,062.
- Edgecombe, David A., Evans, and Laposki. 2,749,782.
- Evans, Sider O. 2,739,799.
- Forrer, Gilbert R., and Schwinn. 2,769,095.
- Gay, Cecil H., and G. J. and E. E. Schoessow. 2,736,400.
- Hage, William T. 2,752,473.
- Hamilton, Carl C. 2,743,950.
- Hardgrove, Ralph M. 2,772,645.
- Harter, Isaac, I. Harter, Jr., and Ratcliffe. 2,767,449.
- Harter, Isaac, I. Harter, Jr., Ratcliffe, and Armstrong. 2,769,218.
- Harter, Isaac, Jr., and Ratcliffe. 2,770,021.
- Hart, John H., Hermann, Dorfer and Mason. 2,747,657.
- Huge, Ernest C. 2,739,668.
- Junkermann, Wolfgang. 2,747,339.
- Koch, Paul H. 2,737,931.
- Koch, Paul H. 2,764,137.
- Koolstra, Lambert F. 2,748,597.
- Koolstra, Lambert F., and Cobb. 2,771,460.
- Lorber, William R. 2,762,635.
- Lotz, Otto. 2,748,754.
- Maxwell, Carl A. 2,754,577.
- McCullough, James D. 2,746,405.
- McLaren, Donald M. 2,742,712.
- Neale, Oliver A. 2,748,631.
- Puhr-Westerheide, Jurgen. 2,762,610.
- Puhr-Westerheide, Jurgen. 2,765,588.
- Ratcliffe, Temple W. 2,726,692.
- Ratcliffe, Temple W. 2,746,105.
- Reiland, Will H., Raymond, and Woolley. 2,737,930.
- Schoessow, Earl E. 2,754,573.
- Seidl, Herbert. 2,747,526.
- Sifrin, Andreas. 2,747,553.
- Silk, Philip B. 2,754,808.
- Smith, Charles S. 2,754,807.
- Stalkamp, Hubert G. 2,730,080.
- Toth, John E. 2,737,996.
- Troutman, Louis G. 2,752,898.
- Webb, Thomas B. 2,763,923.
- Babcock, William J. Telescoped driving connection for power tools. 2,746,493, 5-22-56, Cl. 143-68.
- Babee-Tenda License Corp. *See*—
- Puls, Alfred E., and Hoag. 2,772,684.
- Babel, Paul V., to International Business Machines Corp. Record controlled punch with provision for serial numbering. 2,771,137, 11-20-56, Cl. 164-115.
- Baber, Thompson *See*—
- Wente, Robert J., Baber, Irwin, and Boyer. 2,768,504.
- Babers, Frank H. *See*—
- Sullivan, William N., and Babers. 2,750,252.
- Babicz, George. Blanket cylinder construction for printing machines. 2,767,653, 10-23-56, Cl. 101-409.
- Babington, Roy D. *See*—
- Torregrasso, Robert E., and Babington. 2,759,679.
- Babish, Richard C., to the United States of America as represented by the Secretary of the Navy. Relay circuit. 2,770,758, 11-13-56, Cl. 317-140.
- Babitch, Abraham M., deceased (by S. Babitch, executrix), to General Motors Corp. Throttle dash pot. 2,741,474, 4-10-56, Cl. 267-1.
- Babitch, Sadie *See*—
- Babitch, Abraham M. 2,741,474.
- Babson Bros. Co. *See*—
- Henrad, Fernand J. J. 2,735,399.
- Merritt, Thomas W., and Thomas. 2,730,071.
- Merritt, Thomas W., Thomas, and Babb. 2,737,924.
- Thomas, Chester A. 2,747,544.
- Babst, Otto, to Rotaprint Aktiengesellschaft. Flyer sheet deliverer for offset machines. 2,753,798, 7-10-56, Cl. 101-232.
- Babunov, Momir, and N. D. Dalton, to Quirk Machinery Co. Cutter for woodworking machine. 2,771,108, 11-20-56, Cl. 144-229.
- Baca, Florentino B., to Cardox Corp. Cutter head. 2,741,462, 4-10-56, Cl. 255-69.
- Baccash, Gibrion M. *See*—
- Scantay, Elmer, and Baccash. 2,750,232.
- Bacchi, Ray, to Baldwin-Lima-Hamilton Corp. Hydro-mechanical pumping jack. 2,755,780, 7-24-56, Cl. 121-164.
- Bacchini, Sam J. *See*—
- Kanelos, George A. 2,751,920.
- Bacci, Romeo. Paper seat-covering distributing device for hygienic pans. 2,752,611, 7-3-56, Cl. 4-243.
- Bacci, Romeo. Paper seat-covering distributing device for hygienic pans. 2,767,409, 10-23-56, Cl. 4-246.
- Bach, Dorothy E. H. *See*—
- Bach, Emmon, and Goodwin. 2,749,967.
- Bach, Edward M. *See*—
- Nystrom, Carl H., Bach, and Huse. 2,772,668.

- Bach, Emman, deceased, by D. E. H. Bach, administratrix, and E. W. Goodwin, to Dexter Folder Co., Bookcase making machine. 2,749,967, 6-19-56, Cl. 154-1.8.
- Bach, Emmon, E. W. Goodwin, and R. H. Rauneker, to Dexter Folder Co., Sheet handling apparatus. 2,747,869, 5-29-56, Cl. 271-54.
- Bach, Frederick L., Jr., H. J. Brabander, and S. Kushner, to American Cyanamid Co., Derivatives of 4,4'-dichloroethoxy-1,1'-methylenebipiperazine and their salts. 2,756,251, 7-24-56, Cl. 260-268.
- Bach, Guido: See—
- Nikles, Paul A., Steiger, and Bach. 2,772,552.
- Bach, Harold H., and C. L. Towle, Method and apparatus for processing ballast. 2,775,438, 12-25-56, Cl. 262-2.
- Bach, Henry M., to Radio Corp. of America, Cathode input amplifiers. 2,756,283, 7-24-56, Cl. 179-171.
- Bach, John O.: See—
- Schmidt, Truman L., and Bach. 2,754,047.
- Bach, John W.: See—
- Hanson, Walter J., Rouan, and Bach. 2,766,040.
- Bach, John W., and R. L. Peet, Jr., to Pitney-Bowes, Inc., Sheet feeding and straightening device. 2,757,927, 8-7-56, Cl. 270-68.
- Bacharach Industrial Instrument Co.: See—
- Kruger, Frederick B., Resonance and Stein. 2,744,407.
- Bachelder, Albert J., to Polaroid Corp., Applicator devices for applying coatings to photographic prints. 2,759,212, 8-21-56, Cl. 15-224.
- Bachelder, Albert J., and W. J. McCune, Jr., to Polaroid Corp., Photographic film assembly. 2,740,714, 4-3-56, Cl. 93-8.
- Bachelder, Albert J., to Westinghouse Electric Corp., Frequency control systems for alternators. 2,763,824, 9-18-56, Cl. 318-164.
- Bachelet, Albert E., and J. S. Bomba, to Bell Telephone Laboratories, Inc., Air raid warning system. 2,746,028, 5-15-56, Cl. 340-147.
- Bacher, Adolf: See—
- Panzerbieter, Hans, Hagenhaus, Jabczynski, Bacher, and Tiesler. 2,739,185.
- Bacher, Eric, to Paillard S. A., Talking machine with an automatic disc changing device. 2,747,879, 5-29-56, Cl. 274-10.
- Bacher, Eric, to Paillard S. A., Automatic record changers. 2,749,130, 6-5-56, Cl. 274-10.
- Bacher, Eric, to Paillard S. A., Talking machine with disc changing device. 2,752,159, 6-26-56, Cl. 274-10.
- Bachert, Arthur, Apparatus and method for curing meats. 2,742,367, 5-29-56, Cl. 99-155.
- Bachi, Robert W., to Soreng Products Corp., Electromagnetically operated door latch mechanism. 2,752,188, 6-26-56, Cl. 292-332.
- Bachi, Robert W., to Soreng Products Corp., Overcenter snap latch. 2,755,353, 7-17-56, Cl. 200-67.
- Bachi, Robert W., and H. V. Fisher, to Controls Corp. of America, Solenoid with hinged core. 2,738,451, 3-13-56, Cl. 317-197.
- Bachi, Robert W., and H. Y. Fisher, to Soreng Products Corp., Electromagnetically operated latch mechanism. 2,752,189, 6-26-56, Cl. 292-336.
- Bachl, Herbert, Thermodynamic plural-substance processes and plants for converting heat into mechanical energy. 2,751,748, 6-26-56, Cl. 60-36.
- Bachman Bakeries, Inc.: See—
- Curtis, Earl W. 2,760,218.
- Bachman, Carl W., Holder arrangement for printing plates. 2,764,089, 9-25-56, Cl. 101-415.1.
- Bachman, Fred E., to American Steel Foundries, Brake hanger. 2,733,782, 2-7-56, Cl. 188-207.
- Bachman, Fred E., to American Steel Foundries, Brake rotor. 2,745,918, 5-15-56, Cl. 188-218.
- Bachman, Fred E., to American Steel Foundries, Brake head and shoe connection. 2,762,468, 9-11-56, Cl. 188-243.
- Bachman, Fred E., to American Steel Foundries, Brake rotor. 2,735,322, 12-25-56, Cl. 188-218.
- Bachman, Fred E., and J. G. Spelman, Jr., to American Steel Foundries, Self-compensating brake. 2,765,879, 10-9-56, Cl. 188-198.
- Bachman, George S.: See—
- Fitzgerald, John V., and Bachman. 2,747,105.
- Fitzgerald, John V., and Bachman. 2,770,922.
- Fitzgerald, John V., Bachman, and Laine. 2,752,506.
- Bachman, Robert J., C. E. Lewis, P. L. Mueller, and G. E. Murray, to Western Electric Co., Inc., Electroplating apparatus with current control means. 2,734,858, 12-14-56, Cl. 204-211.
- Bachmann, Rudolph E., to Trans-American Precision Instrument Corp., Differential gearing apparatus. 2,771,791, 11-27-56, Cl. 74-675.
- Bachman, William S., to Columbia Broadcasting System, Inc., Sound recording apparatus. 2,738,885, 3-13-56, Cl. 179-100.4.
- Bachmann Bros. Inc.: See—
- McNeill, Albert G. 2,758,506.
- Bachmann, John F., to Bendix Aviation Corp., Moving target indication system. 2,746,033, 5-15-56, Cl. 343-7.7.
- Bachmann, Rudolf, to Kalivertriebsstelle G. m. b. H., (Abt. Kalifornischungstelle), Flotation of potash-containing salts using bivalent, aliphatic alcohols. 2,762,509, 9-11-56, Cl. 209-166.
- Bachmann, Werner E., E. L. Jenner, and L. B. Scott, to United States of America as represented by the Secretary of War, Manufacture of cyclonite. 2,731,463, 1-17-56, Cl. 260-248.
- Bachner, Martin, to The Firestone Tire & Rubber Co., Tow target. 2,731,046, 1-17-56, Cl. 139-420.
- Bach, Frank A., Variational objectives with optical image shift compensation. 2,741,947, 4-17-56, Cl. 88-57.
- Back, Frank G., and H. Lowen, Catadioptric telephoto objective systems. 2,720,926, 1-17-56, Cl. 88-57.
- Back, Frank G., and H. Lowen, said Lowen assor to said Back, Variational objectives with optical image shift compensation. 2,732,763, 1-31-56, Cl. 88-57.
- Back, James, 1/2 to W. F. Vocke and 1/2 to B. J. Vocke, Glass cleaning device. 2,768,402, 10-30-56, Cl. 15-164.
- Back, Laurel M., Dent-removing tool. 2,768,544, 10-30-56, Cl. 51-15.
- Back, Stanley, Method of and apparatus for spinning yarns. 2,773,282, 12-11-56, Cl. 18-8.
- Backes, Elmer Z., to J. V. and E. M. Thurmond, Refuse handling device. 2,741,375, 4-10-56, Cl. 214-82.
- Backflow Engineering & Equipment Co.: See—
- Snyder, Leonard L. 2,773,251.
- Backhouse, Healdley T.: See—
- Tebbs, George W. 2,761,679.
- Tebbs, George W. 2,761,681.
- Backhouse Healdley T., Sheet feeding mechanisms. 2,729,448, 1-3-56, Cl. 271-56.
- Backhouse Healdley T., Means for locking a collar to a rod. 2,733,082, 1-31-56, Cl. 287-52.02.
- Backhouse, Healdley T., Sheet feeding machines. 2,734,744, 2-14-56, Cl. 271-62.
- Backhouse, Healdley T., Sheet conveyor. 2,747,870, 5-29-56, Cl. 271-79.
- Backhouse Healdley T., Sheet feeding mechanisms. 2,753,184, 7-3-56, Cl. 271-60.
- Backhouse, Healdley T., and W. J. Pirie, Sheet feeding machines. 2,741,479, 4-10-56, Cl. 271-60.
- Backlund, Peter S., to Union Oil Co. of California, Wax deooling process. 2,743,213, 4-24-56, Cl. 196-20.
- Backlund, Peter S., and E. A. Pullen, to Union Oil Co. of California, Deooling of wax-oil mixtures. 2,748,056, 5-29-56, Cl. 196-20.
- Backman, Arne J., Overhead rear door and door locking means for a pick-up truck. 2,744,782, 5-8-56, Cl. 296-50.
- Backlund, Peter S., Butt ganes for correct fitting of hinges on doors and jambs. 2,729,895, 1-10-56, Cl. 33-197.
- Bäckström, Ove F., Device to prevent the formation of ice on aerodrome runways. 2,743,057, 4-24-56, Cl. 237-69.
- Backstrom, Sigurd M., to Aktiebolaget Elektrolux, Absorption refrigeration. 2,748,575, 6-5-56, Cl. 62-119.5.
- Backstrom, Sigurd M., to Aktiebolaget Elektrolux, Absorption refrigeration. 2,770,108, 11-13-56, Cl. 62-119.5.
- Backus, Dwight P., Multiple shelved receptacle. 2,765,209, 10-2-56, Cl. 312-350.
- Bacon, Allan R., Two-way livestock feeder. 2,751,883, 6-26-56, Cl. 119-51.
- Bacon, Conrad G., to the United States of America as represented by the United States Atomic Energy Commission, Ion generator and projector. 2,736,809, 2-28-56, Cl. 250-41.9.
- Bacon, Cyril G., and D. Friend, to Fisons Ltd., Manufacture of acid phosphates. 2,747,964, 5-29-56, Cl. 23-107.
- Bacon, Daniel R.: See—
- Gerschbach, Herbert A., and Bacon. 2,742,996.
- Bacon, John H., Musical whistle. 2,730,920, 1-17-56, Cl. 84-380.
- Bacon, Osborne C., and L. E. Hughes, to E. I. du Pont de Nemours & Co., Method of imparting antistatic properties to textile materials. 2,729,577, 1-3-56, Cl. 117-76.
- Bacon, Walter M., G. J. Kandel, J. A. Kreeck, and G. A. Locke, to Bell Telephone Laboratories, Inc., Printing telegraph automatic switching system. 2,766,318, 10-9-56, Cl. 173-2.
- Badalich, Frank C., to Bell & Howell Co., Slide carrying means. 2,774,472, 12-18-56, Cl. 206-62.
- Badalini, Giovanni, to Cambi Idraulici Badalini S. p. A., Rotary pump. 2,737,121, 3-6-56, Cl. 103-136.
- Badalini, Giovanni, Rotary pump and motor hydraulic transmission with speed varying mechanism therefor. 2,770,099, 11-13-56, Cl. 60-53.
- Badavas, Charles A., and C. E. Magnuson, to General Mills, Inc., Multiple feed hopper and gate adjustment. 2,758,752, 8-14-56, Cl. 222-134.
- Badberg, Henry W., Liquid supply system. 2,752,934, 7-3-56, Cl. 37-98.
- Badders, Louis O., Crop sprayer, including improved spray boom mount. 2,743,133, 4-24-56, Cl. 299-39.
- Bade, Alfred G.: See—
- Schmitter, Walter P., and Bade. 2,747,711.
- Schmitter, Walter P., Bade, and FitzGerald. 2,732,731.
- Bade, Alfred G., to The Falk Corp., Mechanical type infinitely variable speed-changing transmission. 2,734,397, 2-14-56, Cl. 74-691.
- Bade, Alfred G., to The Falk Corp., Infinitely variable speed transmission. 2,747,434, 5-29-56, Cl. 74-796.
- Bade, Alfred G., to The Falk Corp., Multiple take-off power transmission. 2,755,686, 7-24-56, Cl. 74-665.
- Bade, Alfred G., to The Falk Corp., Speed reducer. 2,762,232, 9-11-56, Cl. 74-421.
- Badeau, Carroll A., to The Thomas & Betts Co., Flexible toggle link actuated crimping tool. 2,743,634, 5-1-56, Cl. 81-15.
- Badenoch, Benjamin W., to Vickers Inc., Constant gain hydraulic power control system. 2,733,688, 2-7-56, Cl. 121-41.



- Badenoch, Benjamin W., to Vickers Inc. Constant gain hydraulic power control system. 2,733,689, 2-7-56, Cl. 121-41.
- Badenoch, Benjamin W., to Vickers Inc. Power transmission. 2,763,242, 9-18-56, Cl. 121-39.
- Bader, Alfred R., *See* Vogel, Henry A., and Bader. 2,730,517.
- Bader, Alfred R., to Pittsburgh Plate Glass Co. Preparation of dypnone. 2,769,842, 11-6-56, Cl. 260-590.
- Bader, Alfred R., and J. E. Hyre, to Pittsburgh Plate Glass Co. Preparation of 2,3-dimethylindole. 2,765,320, 10-2-56, Cl. 260-519.
- Bäder, Erich, *See* Brederick, Hellmut, and Bäder. 2,750,357.
- Brederick, Hellmut, and Bader. 2,768,156.
- Brederick, Hellmut, Bäder, and Wohnhaas. 2,758,106.
- Bader, H. H., J. Barth, and F. E. Ambrose. Deposited rubber undergarment with variegated surfaces. 2,770,808, 11-20-56, Cl. 2-37.
- Bader, Irving. Automobile brake line shortener. 2,741,818, 4-17-56, Cl. 24-711.1.
- Bader, John P., *See* Carlson, George E., Bader, and Owen. 2,744,665.
- Bader, Richard M., and R. Newman, to California Institute Research Foundation. Microillumination for spectrometers. 2,730,004, 1-10-56, Cl. 88-14.
- Bader, Stephen. Belt grinding and polishing machine. 2,763,103, 9-18-56, Cl. 51-135.
- Badger, Alfred E., and D. E. Sharp, to Libbey-Owens-Ford Glass Co. Glass refractory composition. 2,748,007, 5-29-56, Cl. 106-66.
- Badger, Everett H., Jr., to The Parker Appliance Co. Closure device for tanks. 2,757,819, 8-7-56, Cl. 220-40.
- Badger, Frank S., to Union Carbide and Carbon Corp. Metal articles for use at elevated temperatures. 2,763,584, 9-18-56, Cl. 148-32.
- Badger Mfg. Co., The: *See* Latham, Allen, Jr. 2,760,919.
- Newton, Roger H. 2,744,394.
- Badger Meter Mfg. Co.: *See* Henke, Russell W. 2,768,522.
- Henke, Russell W. 2,768,638.
- Badger, Walter L. Manufacture of plaster of Paris. 2,767,972, 10-23-56, Cl. 263-53.
- Badin, Ferdinand. Centrifugal powder clutches. 2,771,170, 11-20-56, Cl. 192-58.
- Badische Anilin- & Soda-Fabrik Aktiengesellschaft: *See* Altsstaedt, Werner. 2,740,564.
- Bartholomé, Ernst, Lehrer, and Lorenz. 2,738,859.
- Becke, Friedrich, Libowitzky, Markgraf, and Klug. 2,767,219.
- Dammler, Guenther. 2,748,102.
- Ebel, Friedrich. 2,753,349.
- Ebel, Friedrich, Rupp, and Keller. 2,731,464.
- Ebel, Friedrich, Rupp, and Keller. 2,735,849.
- Hoeischer, Friedrich. 2,775,614.
- Hopf, Heinrich, con Schickh, and Riedl. 2,748,166.
- Janson, Alfons. 2,761,483.
- Johannsen, Adolf, Danz, Pfannmueller, and Wolf. 2,761,762.
- Johannsen, Adolf, Danz, Pfannmueller, and Wolf. 2,761,763.
- Johannsen, Adolf, Danz, Pfannmueller, and Wolf. 2,761,764.
- Johannsen, Adolf, Danz, Pfannmueller, and Wolf. 2,768,959.
- Johannsen, Adolf, Hettler, Lampe, and Wolf. 2,768,880.
- Keller, Rudolf and Eder. 2,748,156.
- Keller, Rudolf, Keyssner, Muenster, and Pfaff. 2,738,030.
- Kling, August. 2,748,095.
- Kroeper, Hugo, and Hummel. 2,748,165.
- Krzikalla, Hans, and Lissner. 2,768,910.
- Kzikalla, Hans, and Pfohlmann. 2,736,729.
- Kzikalla, Hans, Toepel, and Elstert. 2,729,630.
- Kzikalla, Hans, and van Raak-Trakranen. 2,748,094.
- Lorenz, Lothar, and Chorbach. 2,738,860.
- Markert, Ferdinand, and Raichle. 2,747,967.
- Muehlbauer, Fritz. 2,768,170.
- Pistor, Hans J. 2,753,366.
- Reppe, Walter, and Friedrich. 2,730,546.
- Reppe, Walter, Friedrich, von Kutepow, and Morsch. 2,729,651.
- Reppe, Walter, Friedrich, and Wiebusch. 2,771,478.
- Reppe, Walter, Pasedach, Dreher, and Amann. 2,769,008.
- Reppe, Walter, Pasedach, and Seefelder. 2,734,061.
- Reppe, Walter, Pasedach, and Seefelder. 2,748,194.
- Reppe, Walter, Schlichting, and Mueller-Gliemann. 2,769,019.
- Reppe, Walter, Schlichting, and Westphal. 2,744,900.
- Reppe, Walter, Schlichting, Westphal, and Amann. 2,752,350.
- Reppe, Walter, Schlichting, Westphal, and Amann. 2,759,926.
- Reppe, Walter, Schweckendiek, and Friedrich. 2,738,364.
- Reppe, Walter, v. Kutepow, and Heintzeler. 2,731,504.
- Reppe, Walter, v. Kutepow, and Titzenthaler. 2,734,913.
- Reppe, Walter, von Kutepow, and Koelsch. 2,768,968.
- Scheuermann, Hans. 2,755,263.
- Schlecht, Leo and H. 2,753,259.
- Schlecht, Leo and H. 2,758,020.
- Schoiz, Heinrich, Oettel, and Zeller. 2,764,581.
- Schubert, Rudolf, and Otto. 2,744,836.
- Stastny, Fritz, and Buchholz. 2,744,291.
- Badische Anilin- & Soda-Fabrik Aktiengesellschaft: *See* Continued
- Tartter, Arnold. 2,759,950.
- Triessmann, Hans-Georg, and Reuter. 2,748,065.
- Uelzmann, Heinz. 2,755,268.
- Ufer, Hanns. 2,733,230.
- V. Reibnitz, Bruno. 2,731,472.
- V. Reibnitz, Bruno, Ruemens, and Beideck. 2,731,364.
- Woellhalb, Josef. 2,733,123.
- Badovinus, Peter, and N. R. Meurer. Bite guide. 2,758,375, 8-14-56, Cl. 32-19.
- Baecker, Henry J.: *See* Volkmann, Ronald J., and Baecker. 2,755,194.
- Baehr, Carl G., to The Greist Mfg. Co. Binders. 2,735,388, 2-21-56, Cl. 112-137.
- Baehr, Carl G., and J. Connors, to The Greist Mfg. Co. Button-sewing attachments. 2,735,387, 2-21-56, Cl. 112-115.
- Baehr, Carl G., and J. Connors, to The Greist Mfg. Co. Sewing machine attachment. 2,770,206, 11-13-56, Cl. 112-235.
- Bael, Philip F.: *See* Hogg, John A., Beal, and Lincoln. 2,774,776.
- Baenziger, Leonard N., to Royal Electric Co., Inc. Fuse construction. 2,769,059, 10-30-56, Cl. 200-117.
- Baenziger, Leonard N., to Royal Electric Co., Inc. Portable electric hand lamp having receptacles to receive attachment plugs. 2,774,048, 12-11-56, Cl. 339-39.
- Baer, Alvin H. Control valve for liquid pressure reduction. 2,742,768, 4-24-56, Cl. 62-127.
- Baer, Austin R. Sanding device. 2,735,242, 2-21-56, Cl. 51-170.
- Baer, Austin R. Valve structure. 2,766,914, 10-16-56, Cl. 222-394.
- Baer, Donald R., to E. I. du Pont de Nemours and Co. Anthraquinone dyes and intermediates. 2,749,354, 6-5-56, Cl. 260-105.
- Baer, John M. Puffing of tobacco and tobacco products. 2,759,858, 8-21-56, Cl. 131-1.
- Baer, John S.: *See* Marshall, John N., and Baer. 2,761,509.
- Baer, John S., to Radio Corp. of America. Reeling system. 2,730,309, 1-10-56, Cl. 242-55.
- Baer, John S., to Radio Corp. of America. Magnetic recording apparatus. 2,751,438, 6-19-56, Cl. 179-100.2.
- Baer, John S., to Radio Corp. of America. High speed recorder. 2,762,297, 9-11-56, Cl. 101-93.
- Baer, Martin, to Monsanto Chemical Co. Plasticized vinyl polymer compositions. 2,750,351, 6-12-56, Cl. 260-30.6.
- Baer, Walter S., Sr. Cam-locked valve. 2,729,421, 1-3-56, Cl. 251-188.
- Baer, Walter S., Sr. Constant pressure control valve. 2,734,527, 2-14-56, Cl. 137-506.
- Baerumann, Hans. Bearings for instruments and machines. 2,747,944, 5-29-56, Cl. 308-10.
- Baerwald, Hans G., to Cleveite Corp. Device for controlling light intensity. 2,766,659, 10-16-56, Cl. 88-61.
- Baessler, John J.: *See* Abplanalp, Robert H. 2,733,842.
- Abplanalp, Robert H. 2,733,214.
- Abplanalp, Robert H. 2,773,722.
- Baetz, Clarence O., to Gilbert & Nash Co. Wire guide device. 2,729,111, 1-3-56, Cl. 74-240.
- Baez, Guillermo F. Rotary pumps and the like. 2,771,036, 1-20-56, Cl. 103-90.
- Baffrey, Aoinne R.: *See* Finchelstein, Lazare, and Baffrey. 2,761,939.
- Bafour, Georges P., and A. R. Blanchard, and F. H. Raymond. Automatic composing machine. 2,762,485, 9-11-56, Cl. 197-20.
- Bagaloff, Lewis. Jacket. 2,751,596, 6-26-56, Cl. 2-93.
- Bagarozzy, Tully J. Filling head. 2,763,415, 9-18-56, Cl. 226-68.
- Bagby, Francis K., to the United States of America as represented by the Secretary of the Air Force. Portable continuous metal membrane airfield surfacing and subseal. 2,742,829, 4-24-56, Cl. 94-4.
- Baggenstoss, Alois C.: *See* Stanley, Lester N., and Baggenstoss. 2,774,749.
- Streck, Clemens, Stanley, and Baggenstoss. 2,768,055.
- Baggett, Durward A., to The Dow Chemical Co. Preparation of methylacetylene. 2,755,319, 7-17-56, Cl. 260-378.
- Baggett, Joe C., to The Dow Chemical Co. Device for cleaning internal threads of pipes. 2,764,991, 10-2-56, Cl. 134-167.
- Baggett, Edmund W., to Ideal Toy Corp. Walking and crawling doll. 2,761,243, 9-4-56, Cl. 46-149.
- Baggs, Burton D.: *See* Smith, Alexander, and Baggs. 2,732,675.
- Smith, Alexander, and Baggs. 2,740,246.
- Baghuis, Ludovicus H. Automatically reversing valves. 2,748,752, 6-5-56, Cl. 121-157.
- Bagley, Alan S., to Hewlett-Packard Co. Electronic decade scaler. 2,762,915, 9-11-56, Cl. 250-27.
- Bagley, Alan S., to Hewlett-Packard Co. Frequency counter. 2,769,595, 11-6-56, Cl. 235-52.
- Bagley, Bruce R. Stamped fabricated pulley. 2,741,134, 4-10-56, Cl. 74-230.8.
- Bagley, Glen D., and M. C. Carosella, to Union Carbide and Carbon Corp. Electrowinning of manganese. 2,755,241, 7-17-56, Cl. 204-105.
- Bagnard, Ernest A., to Ceco Steel Products Corp. Reversible metal doors. 2,747,705, 5-29-56, Cl. 189-46.
- Bagnasco, Dante V. Pin clasps. 2,760,247, 8-28-56, Cl. 24-156.
- Bagnell, Edgar W., to Johnston Testers, Inc. Packer construction. 2,734,552, 2-14-56, Cl. 166-187.



- Bagnell, Edgar W., to Johnston Testers, Inc. Wire line tester. 2,741,313, 4-10-56, Cl. 166-147.
- Bagno, Samuel M., to Walter Kidde & Co., Inc. Testing means for an intruder detection system. 2,732,544, 1-24-56, Cl. 340-214.
- Bagno, Samuel M., to Walter Kidde & Co., Inc. Approach alarm system with unwanted signal elimination. 2,767,393, 10-16-56, Cl. 340-258.
- Bagsar, Aaron B., to Sun Oil Co. Monolithic metal shell structure. 2,729,184, 1-3-56, Cl. 114-79.
- Bagsar, Aaron B., deceased, to Sun Oil Co. Monolithic metal structure. 2,737,918, 3-13-56, Cl. 114-79.
- Bagshaw, Charles M., and L. D. Kirk, to United Shoe Machinery Corp. Toe molding machines. 2,747,207, 5-29-56, Cl. 12-97.
- Baharian, Roy E.: *See—*  
Smith, Eric H., and Baharian. 2,755,781.
- Bahlsen, Werner: *See—*  
Kovac, Ferdinand. 2,730,035.
- Bahn, Ferdinand. 2,767,533.
- Bahn, John J., and J. A. Victor, to General Electric Co. Gas-cooled high voltage bushing for large generator. 2,742,582, 4-17-56, Cl. 310-52.
- Bahner, Carl T., to The Pennsylvania Salt Mfg. Co. Polyfluoro organic sulfides. 2,754,334, 7-10-56, Cl. 260-609.
- Bahnluik, Eugene, to The New York Air Brake Co. Inlet valves for hydraulic pumps of the plunger type. 2,744,467, 5-8-56, Cl. 103-153.
- Bahnluik, Eugene, to The New York Air Brake Co. Pump. 2,749,845, 6-12-56, Cl. 103-175.
- Bahnson Co., The: *See—*  
Avera, William W., and Saunders. 2,752,005.
- Bahr, James P., Jr. 2,734,771.
- Bahorik, Steve. Adjustable vise extension. 2,741,145, 4-10-56, Cl. 81-38.
- Bahr, Helmut E.: *See—*  
Vogel, Harold A., and Bahr. 2,740,131.
- Bahr, Simon A.: *See—*  
Craine, Marvin W. 2,748,233.
- Baier, Walter, to Wilhelm Baier K. G. Rocking piston pumps. 2,767,660, 10-23-56, Cl. 103-159.
- Baier, Walter, and R. von Linde, to Wilhelm Baier K. G. Fuel atomizer. 2,734,772, 2-14-56, Cl. 299-63.
- Baier, Walter, and R. von Linde, to Wilhelm Baier K. G. Liquid-fuel operated heating device for vehicles. 2,757,662, 8-7-56, Cl. 126-110.
- Baier, Wilhelm, K. G.: *See—*  
Baier, Walter. 2,767,660.
- Baier, Walter, and von Linde. 2,734,772.
- Baier, Walter, and R. von Linde. 2,757,662.
- Baier, Willard E., to Sunkist Growers, Inc. Method of canning foods. 2,748,005, 5-29-56, Cl. 99-182.
- Baigent, George M. Apparatus for observing and/or measuring light. 2,759,601, 8-21-56, Cl. 209-111.
- Baigent, George M. Apparatus for detecting variation of surface characteristics of objects. 2,759,602, 8-21-56, Cl. 209-111.
- Bailes, Richard H.: *See—*  
Long, Ray S., and Bailes. 2,770,520.
- Long, Ray S., Bailes, and De Haven. 2,761,758.
- Bailes, Richard H., and R. S. Long, to the United States of America as represented by the United States Atomic Energy Commission. Uranium-vanadium recovery and purification process. 2,756,123, 7-24-56, Cl. 23-14.5.
- Bailes, Richard H., R. O. Lindblom, and R. R. Grinstead, to the United States of America as represented by the United States Atomic Energy Commission. Process for recovery of uranium and the upgrading of alkali-uranium fluoride precipitates. 2,768,059, 10-23-56, Cl. 23-14.5.
- Bailes, Richard H., and R. R. Grinstead, to the United States of America as represented by the United States Atomic Energy Commission. Method of purifying and recovering vanadium phosphate-containing solutions. 2,770,522, 11-13-56, Cl. 23-19.
- Bailey, Bruce S., to The Texas Co. Means for reducing formation of engine deposits. 2,763,247, 9-18-56, Cl. 123-41.86.
- Bailey, Charles S., to General Motors Corp. Thermostatically operable valve mechanisms. 2,735,620, 2-21-56, Cl. 236-34.
- Bailey, Charles W. Combination container. 2,739,751, 3-27-56, Cl. 229-15.
- Bailey, Christopher E. G., and D. H. Paul, to Hartford National Bank and Trust Co. as trustee. Pulse code modulation system. 2,745,064, 5-8-56, Cl. 332-11.
- Bailey, Clifford D., to Harris Mfg. Co. Sealing assembly for the header mount of a sidehill harvester. 2,750,728, 6-19-56, Cl. 56-209.
- Bailey Co., Inc.: *See—*  
Gray, William C. 2,758,871.
- Bailey, David R. Method for making nut kernels friable. 2,761,781, 9-4-56, Cl. 99-126.
- Bailey, David R. G., to F. M. MacMillan. Fully oscillating vehicular suspension and/or drive. 2,748,879, 6-5-56, Cl. 180-24.
- Bailey, David Z. Hydrofoil craft. 2,773,467, 12-11-56, Cl. 114-66.5.
- Bailey, Donald L., to Union Carbide and Carbon Corp. Disproportionation of alkoxysilyl hydrocarbons. 2,745,860, 5-15-56, Cl. 260-448.2.
- Bailey, Donald L., and G. H. Wagner, to Union Carbide and Carbon Corp. Disproportionation of chlorosilanes employing cyanamide catalysts. 2,732,280, 1-24-56, Cl. 23-14.
- Bailey, Donald L., and G. H. Wagner, to Union Carbide and Carbon Corp. Disproportionation of chlorosilanes employing metallic-halide-treated cyanamides as catalysts. 2,732,281, 1-24-56, Cl. 23-14.
- Bailey, Donald L., P. W. Shafer, and G. H. Wagner, to Union Carbide and Carbon Corp. Disproportionation of chlorosilanes employing nitrile catalysts. 2,732,282, 1-24-56, Cl. 23-14.
- Bailey, Edward A.: *See—*  
Schulz, Edward L., and Bailey. 2,765,629.
- Bailey, Ernest M. Sign printing or painting machine. 2,747,505, 5-29-56, Cl. 101-287.
- Bailey, Harold D.: *See—*  
Wilson, Alexander M., Woodward, Bailey, and Lucas. 2,756,364.
- Bailey, Henry K. Medical thermometer protector and holder. 2,767,704, 10-23-56, Cl. 128-2.
- Bailey, Howell A. Skirt with removable insert. 2,747,197, 5-29-56, Cl. 2-211.
- Bailey, James, to Flax Corp. Method and apparatus for making corrugated tubing. 2,753,596, 7-10-56, Cl. 18-13.
- Bailey, John H. Baffle muffler silencer. 2,730,188, 1-10-56, Cl. 181-47.
- Bailey, Marcus A. Sweeper. 2,740,147, 4-3-56, Cl. 15-160.
- Bailey Meter Co.: *See—*  
Dickey, Paul S. 2,747,595.
- Dickey, Paul S., and Bailey. 2,760,508.
- Dickey, Paul S., Weaver, Gorrie, and Shannon. 2,729,222.
- English, James F., Jr., and Hornebeck. 2,744,223.
- Gorrie, Harvard H. 2,730,379.
- Gorrie, Harvard H., and Shannon. 2,737,963.
- Greer, Thomas A. 2,757,053.
- Hornebeck, Anthony J. 2,761,124.
- Hornebeck, Anthony J. 2,774,019.
- Howard, William C. 2,767,724.
- Markow, George R., and Hornebeck. 2,730,304.
- Parish, Michael, Shannon, and Dickey. 2,781,023.
- Shannon, Jack F. 2,743,710.
- Sullivan, Alan P. 2,762,568.
- Wermelskirchen, Louis M. 2,730,697.
- Wilhelm, Jack E. 2,743,603.
- Bailey, Norman L., to Joy Mfg. Co. Swivel couplings with magnet controlled lock. 2,753,992, 2-21-56, Cl. 339-91.
- Bailey, Percy T. Earth boring device. 2,738,164, 3-13-56, Cl. 255-22.
- Bailey, Ray. Sphygmomanometers. 2,753,863, 7-10-56, Cl. 128-205.
- Bailey, Regis G.: *See—*  
Brown, Harry J., and Bailey. 2,735,223.
- Bailey, Rex B. Television tower. 2,740,504, 4-3-56, Cl. 189-14.
- Bailey, Richard W., to Milo Harding Co. Rotary printing drum for duplicating machines. 2,743,670, 5-1-56, Cl. 101-113.
- Bailey, Roy W., and J. T. Faull, to Detroit Power Screwdriver Co. Nut holding and centering means for nut driving machine. 2,763,173, 9-18-56, Cl. 81-54.
- Bailey, Roy W., J. T. Faull, and E. Gill, to Detroit Power Screwdriver Co. Device for inserting heated members in apertured members. 2,772,426, 12-4-56, Cl. 10-155.
- Bailey, Russell L. Safety paper box cutter. 2,730,800, 1-17-56, Cl. 30-2.
- Bailey, Sidney, Jr. Apparatus for treating and finishing hosiery. 2,750,781, 6-19-56, Cl. 68-20.
- Bailey, Thomas, to Corning Glass Works. Chuck assembly. 2,737,386, 6-6-56, Cl. 279-60.
- Bailey, Walter,  $\frac{1}{2}$  to E. A. Camp, and  $\frac{1}{2}$  to H. J. Dorr. Machine for cutting off the end turns of coils of electrical machine elements. 2,734,573, 2-14-56, Cl. 164-60.
- Bailey, William D., and J. T. Cooper. Section and pressure controlled valve system. 2,771,094, 11-20-56, Cl. 137-620.
- Bailey, William F., to Hazeltine Research, Inc. Color-image-reproducing apparatus of the projection type. 2,752,419, 6-26-56, Cl. 178-5.4.
- Bailey, William J. Fish lure. 2,747,318, 5-29-56, Cl. 101-12.
- Bailey, William M., Co.: *See—*  
Miller, James R. 2,747,858.
- Bailey, William R., to Minneapolis-Honeywell Regulator Co. Controller having an output proportional to the product of two inputs. 2,771,897, 11-27-56, Cl. 137-85.
- Ballard, Pierre A. J., and G. Gardin. Detachable handle. 2,753,106, 7-3-56, Cl. 229-52.
- Balliff, Ernest A., to Whirlpool-Seeger Corp. Condenser and compressor mountings for household refrigerators. 2,753,697, 7-10-56, Cl. 62-117.4.
- Bailly, Louis. Needlework canvas carrying a stitchwork pattern and method of stencilling said pattern thereon. 2,769,723, 11-6-56, Cl. 117-38.
- Bailly, Randolph M.: *See—*  
Perry, Stephen F., Bailly, and Zoeller. 2,737,470.
- Bailly, Randolph M., and H. F. Hitchcox, to Esso Research and Engineering Co. Process for decolorizing and deodorizing petroleum waxes. 2,733,188, 1-31-56, Cl. 196-21.
- Bailly, Randolph M., and H. F. Hitchcox, to Esso Research and Engineering Co. Dairy wax composition. 2,758,100, 8-7-56, Cl. 260-28.5.
- Bain, Joseph P., R. E. Fugitt, and W. Y. Gary, to The Glidden Co. Process for treating monocyclic terpene hydrocarbons and for preparing nickel catalyst therefor. 2,741,645, 4-10-56, Cl. 260-666.

- Bain, Joseph P., and W. Y. Gary, to The Glidden Co. Preparation of verbenone. 2,767,215, 10-16-56, Cl. 260—587.
- Bain, William R., to General Motors Corp. Propeller brake systems. 2,737,018, 8-8-56, Cl. 60—39.14.
- Baines, Charles H., to Harbo Mfg. Co. Automatic temperature and pressure control circuit for sheet metal forming tools. 2,743,933, 5-1-56, Cl. 219—3.
- Baines, Frederick: See—
- Bain, George W., and Baines. 2,735,372.
- Bainston, George W., Jr., to General Electric Co. Plastic printing plate and molding composition for the manufacture of plastic printing plates. 2,768,146, 10-23-56, Cl. 260—17.2.
- Baird, Calvin J. Mooring device for boats. 2,754,792, 7-17-56, Cl. 114—230.
- Baird, David E. Corsage holder. 2,728,964, 1-3-56, Cl. 24—5.
- Baird, Douglas O., and R. G. Bielenberg, to Automatic Electric Laboratories, Inc. Automatic telephone systems provided with toll recording facilities. 2,739,184, 3-20-56, Cl. 179—18.
- Baird, Dyer C.: See—
- Baird, Clifford E. 2,749,997.
- Baird, Leslie L., to General Electric Co. Circuit breaker. 2,744,974, 5-8-56, Cl. 200—50.
- Baird, Milan. Rotating hand cultivator for loosening soil. 2,764,372, 8-25-56, Cl. 244—111.
- Baird, Philip W. Tube flaring tool. 2,742,948, 4-24-56, Cl. 153—79.
- Baird, Roy W., and L. M. Snyder, to The Goodyear Tire & Rubber Co. Landing gear brake pressure metering apparatus. 2,764,372, 8-25-56, Cl. 244—111.
- Baisch, Carl H., to Ford Motor Co. Hydraulic brake construction. 2,755,629, 7-24-56, Cl. 60—54.6.
- Baisch, Stephen J.: See—
- Seaborne, Charles R., and Baisch. 2,739,635.
- Baish, John J. Spraying apparatus. 2,755,128, 7-17-56, Cl. 290—39.
- Baisse, Jacques, to Societe Promidel. Method of producing stable theophyllinic aerosols. 2,745,786, 5-15-56, Cl. 167—67.
- Baizer, Manuel M., to New York Quinine and Chemical Works Inc. Dihydroisocouline. 2,774,762, 12-18-56, Cl. 260—285.
- Bajorek, Charles J. Piezo-electric musical device. 2,754,713, 7-17-56, Cl. 84—1.18.
- Bakalic, Mary, and W. H. Smyth. Utility chairs. 2,765,025, 10-2-56, Cl. 155—188.
- Bakensto, Elwood B., and K. F. Hayden, to Socony Mobil Oil Co., Inc. Restricted non-catalytic oxidative regeneration. 2,743,969, 8-8-56, Cl. 23—184.
- Baker, Albert B.: See—
- McIntenny, William F., Baker, and Clarke. 2,772,143.
- Baker, Albert D., K. L. Jones, and E. A. Leavengood, to General Motors Corp. Refrigerating apparatus. 2,730,866, 4-17-56, Cl. 62—4.
- Baker, Albert D., L. E. Muller, and El. P. Harris, to General Motors Corp. Air grille. 2,731,104, 1-17-56, Cl. 183—44.
- Baker, Allister L.: See—
- Hillman, Conway D., and Baker. 2,757,567.
- Baker, Arvid H., to Pittsburgh Plate Glass Co. Prestressing double glazing units. 2,736,075, 2-28-56, Cl. 20—56.5.
- Baker, Benjamin P.: See—
- MacNeill, John B., and Baker. 2,737,556.
- MacNeill, John B., and Baker. 2,748,226.
- MacNeill, John B., and Baker. 2,752,448.
- MacNeill, John B., Leeds, and Baker. 2,734,973.
- Baker, Benjamin P., to Westinghouse Electric Corp. Circuit interrupter. 2,769,067, 10-30-56, Cl. 200—150.
- Baker, Benjamin P., and W. A. Gaskill, to Westinghouse Electric Corp. Circuit interrupters. 2,752,458, 6-26-56, Cl. 200—149.
- Baker, Benjamin P., and O. von Mehren, to Westinghouse Electric Corp. Circuit interrupter. 2,760,031, 8-21-56, Cl. 200—148.
- Baker, Benjamin P., and G. B. Cushing, to Westinghouse Electric Corp. Circuit interrupters. 2,760,032, 8-21-56, Cl. 200—150.
- Baker, Bernard R., and F. J. McEvoy, to American Cyanamid Co. Method for preparing quinazoline intermediates. 2,775,597, 12-25-56, Cl. 260—294.3.
- Baker, Calvin A., 25 $\frac{1}{2}$ % to G. A. Laughlin and 25 $\frac{1}{2}$ % to J. F. Friel. Slide block connection for reciprocating flush-cutting tool. 2,736,351, 2-28-56, Cl. 143—60.
- Baker-Cammack Hosiery Mills, Inc.: See—
- Haddad, Salomao J. 2,756,575.
- Baker Castor Oil Co., The: See—
- Bolley, Don S., and Naughton. 2,734,916.
- Baker, Charles H., to S & C Electric Co. Circuit interrupter. 2,750,469, 6-12-56, Cl. 200—116.
- Baker, Charles H., Jr., to Borg-Warner Corp. Valve control mechanism. 2,733,732, 2-7-56, Cl. 137—620.
- Baker, Charles L. Dewatering vacuum return receiver. 2,735,623, 2-21-56, Cl. 237—83.
- Baker, Charles R., and K. R. Prentiss, to Stewart-Warner Corp. Drying system for purging gas generator. 2,753,950, 7-10-56, Cl. 183—41.
- Baker, Charles T., Jr., to International Business Machines Corp. Diode protection circuit. 2,745,956, 5-15-56, Cl. 250—27.
- Baker, Cole D.: See—
- Miller, Mike A., and Baker. 2,763,805.
- Baker & Co., Inc.: See—
- Brioux, Uleric V. 2,747,259.
- Cohn, John S. 2,751,281.
- Dodd, Clinton R., Hartnett, and Robinson. 2,761,207.
- Kuczynski, Walter J., and Lehmann. 2,747,143.
- Lincoln, Arnold J. 2,759,088.
- Rosenblatt, Edgar P. 2,747,970.
- Russell, Harry J. 2,768,441.
- Sivil, Cecil S. 2,737,591.
- Streicher, Johann S. 2,752,665.
- Stumbock, Max J. 2,729,881.
- Baker, Corwin W., to United Shoe Machinery Corp. Shoe insole trimming machines. 2,729,838, 1-10-56, Cl. 12—82.
- Baker, David B. Bagging machine. 2,763,109, 9-18-56, Cl. 53—135.
- Baker, David S. Question and answer game. 2,760,274, 8-28-56, Cl. 35—9.
- Baker, Delia V. Toe spacing sandal. 2,751,693, 6-26-56, Cl. 36—8.5.
- Baker, Donald L., to Carrier Corp. Window locking assembly. 2,775,001, 12-25-56, Cl. 20—52.
- Baker, Donald S.: See—
- Blackhall, James M., Ryon, Baker, and Martin. 2,742,535.
- Ryon, Maurice G., and Baker. 2,742,533.
- Baker, Donald S., and E. W. Nelson, to Continental Oil Co. Soluble cutting oil. 2,744,070, 5-1-56, Cl. 252—48.8.
- Baker, Edwin R., and M. L. Sharrah, to Continental Oil Co. Pour point depressant. 2,773,915, 12-11-56, Cl. 260—668.
- Baker, Floyd A., to Westinghouse Electric Corp. Magnetic amplifiers. 2,752,560, 6-26-56, Cl. 323—89.
- Baker, Forrest G., Sr. Apparatus for parking and storing motor vehicles. 2,761,572, 9-4-56, Cl. 214—16.1.
- Baker, Forrest G.: See—
- Jacobsen, Le Roy V., and Baker. 2,742,707.
- Baker, George T., to British Telecommunication Research Ltd. Electronic storage arrangements. 2,732,493, 1-24-56, Cl. 250—27.
- Baker, George T. Electrical signalling systems. 2,769,030, 10-30-56, Cl. 178—50.
- Baker, Griffin J.: See—
- Boyd, Loyd Q., and Baker. 2,772,922.
- Baker, Harold E. Door framing jig. 2,771,688, 11-27-56, Cl. 33—194.
- Baker, Harold W., Jr. Rotary motor and pump. 2,747,551, 6-29-56, Cl. 121—93.
- Baker, Harold W., Jr., to Connorsville Casket Co., Inc. Casket closure and sealing means. 2,753,613, 7-10-56, Cl. 147—17.
- Baker, Harold W., Jr., to Connorsville Casket Co., Inc. Casket closure device. 2,754,142, 7-10-56, Cl. 292—8.
- Baker, Harriett V.: See—
- Baker, Herbert K. 2,762,238.
- Baker, Herbert K., 4% to H. V. Baker, and 24% to H. K. Baker, Jr. Hydraulic torque converter transmission. 2,762,238, 9-11-56, Cl. 74—677.
- Baker, Herbert K., Jr.: See—
- Baker, Herbert K. 2,762,238.
- Baker, Horace M., Jr. Stove guard. 2,771,873, 11-27-56, Cl. 118—214.
- Baker, Horace M., Jr. Stove guard. 2,772,414, 11-27-56, Cl. 126—214.
- Baker, Howard: See—
- Heron, Kenneth M., Baker, and Benson. 2,774,818.
- Baker, Hugh L.: See—
- Brown, Oscar E., and Baker. 2,775,469.
- Baker, James E. Metering valve for a carburetor. 2,775,437, 12-25-56, Cl. 261—62.
- Baker, James G., to The Perkin-Elmer Corp. Objectives comprising two outer positive doublets enclosing a middle negative component for aerial photography. 2,771,007, 11-20-56, Cl. 88—57.
- Baker, James M. Trundle hoop with sounding means. 2,767,515, 10-23-56, Cl. 46—114.
- Baker, John C., to Baker Process Co. Measuring device for dough. 2,768,523, 10-30-56, Cl. 73—19.
- Baker, John G., to Baker Mfg. Co. Spring detent coupling for telescoped parts. 2,749,153, 6-8-56, Cl. 285—169.
- Baker, John H., to General Electric Co. Reaction power plant variable discharge area nozzle control system. 2,746,244, 5-22-56, Cl. 60—35.6.
- Baker, John H., and J. W. Jacobson, to General Electric Co. Temperature responsive control system for gas turbine power plant having exhaust reheating. 2,739,441, 3-27-56, Cl. 60—35.6.
- Baker, John R.: See—
- Baker, Reuben C. and J. R. 2,737,243.
- Baker, John R., and J. F. Muse, to Baker Oil Tools, Inc. Back pressure valve apparatus for automatically filling well conduit strings. 2,748,873, 6-8-56, Cl. 166—225.
- Baker, John S., to Cook Electric Co. Heavy duty arrester. 2,756,367, 7-24-56, Cl. 817—66.
- Baker, John T.: See—
- Alexander, Warren A., and Baker. 2,733,412.
- Baker, Jose C., and O. Beard, to Diamond Alkali Co. Electrolytic cell base structure. 2,742,419, 4-17-56, Cl. 204—252.
- Baker, Joseph C.: See—
- Crowell, Arnold B., Schlessiger, and Baker. 2,749,839.
- Baker, Kenneth L., and C. A. Axelsson. Time delay fuze for a rocket. 2,754,759, 7-17-56, Cl. 102—71.
- Baker, Leonard, and N. H. Runge, to Dexter Folder Co. Bookbinding machine. 2,766,870, 10-16-56, Cl. 198—102.



- Baker, Leonard, W. Holms, and L. C. Williams, to Michle Printing Press & Mfg. Co. Machine for and method of folding sheets. 2,775,448, 12-25-56, Cl. 270-85.
- Baker, Leslie N. Rotary toothbrush. 2,766,470, 10-16-56, Cl. 15-28.
- Baker, Malcolm C. Pipe collar tester. 2,761,311, 9-4-56, Cl. 40-46.
- Baker Mfg. Co.: *See—*
- Baker, John G. 2,749,153.
- Baker, Marshall W., H. C. Johnston, and C. F. Henney, to General Motors Corp. Vehicle refrigerating apparatus. 2,773,360, 12-11-56, Cl. 62-117.
- Baker, Matthew M. Moulds or containers for the making of ice blocks, frozen confections and the like. 2,766,596, 10-16-56, Cl. 62-114.
- Baker, Max P., to General Motors Corp. Drive shaft. 2,761,296, 9-4-56, Cl. 64-1.
- Baker, Nellie M. Dish. 2,732,696, 1-31-56, Cl. 65-15.
- Baker Oil Tools, Inc.: *See—*
- Althouse, William S., Jr., and Muse, 2,768,695.
- Baker, John R., and Muse, 2,748,873.
- Baker, Reuben C. 2,737,242.
- Baker, Reuben C. 2,737,248.
- Baker, Reuben C. 2,751,015.
- Baker, Reuben C. 2,751,018.
- Baker, Reuben C. 2,751,019.
- Baker, Reuben C., and Austin, 2,737,247.
- Baker, Reuben C., and Conrad, 2,737,195.
- Baker, Reuben C., and Conrad, 2,737,244.
- Baker, Reuben C., and Conrad, 2,751,012.
- Baker, Reuben C., and Conrad, 2,751,017.
- Baker, Reuben C., and Conrad, 2,751,022.
- Baker, Reuben C. and J. R. 2,737,243.
- Baker, Reuben C., and King, 2,750,958.
- Baker, Reuben C., and Ragan, 2,771,091.
- Baker, Reuben C. and Ragan, 2,750,911.
- Conrad, Martin B. 2,751,013.
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- Kline, Albert K., and Conrad, 2,760,583.
- Muse, John F. 2,735,498.
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- Baker, Opal, to Par East Associates, Inc. Headwear for women. 2,735,110, 2-21-56, Cl. 2-198.
- Baker Perkins Inc.: *See—*
- Finlayson, John. 2,750,875.
- Irving, Henry F. 2,742,918.
- Riordan, Albert O. 2,732,263.
- Tunley, Allan A. 2,753,817.
- Baker Perkins Ltd.: *See—*
- Woodward, Stanley, and Morgan. 2,740,627.
- Baker, Peter J., to National Cylinder Gas Co. Manufacture of lithium grease. 2,760,936, 8-28-56, Cl. 252-41.
- Baker Process Co.: *See—*
- Baker, John C. 2,768,523.
- Baker, Ralph W., G. W. Mattson, and F. L. Padgett, to Ethyl Corp. Protective arrangement. 2,729,239, 1-3-56, Cl. 137-563.
- Baker-Rauland Co., The: *See—*
- Lull, Le Grand H. 2,752,056.
- Lull, Le Grand H. 2,753,060.
- Remde, Edward H. 2,751,994.
- Remde, Edward H. 2,774,437.
- Schenkelberger, Frank J. 2,755,949.
- Schenkelberger, Frank J. 2,756,850.
- Sirotak, Edward R. 2,761,098.
- Baker, Raymond G., and L. E. Willett, to Chamberlain Co. of America. Combination guide and weatherstrip for sliding window constructions. 2,744,297, 5-8-56, Cl. 20-52.2.
- Baker, Reuben C., to Baker Oil Tools, Inc. Explosion resistant well packer. 2,737,242, 3-6-56, Cl. 166-123.
- Baker, Reuben C., to Baker Oil Tools, Inc. Nonrotary threaded coupling. 2,737,248, 3-6-56, Cl. 166-221.
- Baker, Reuben C., to Baker Oil Tools, Inc. Rotary well scratcher for well bores. 2,751,015, 6-19-56, Cl. 166-173.
- Baker, Reuben C., to Baker Oil Tools, Inc. Aligned slip well tool. 2,751,018, 6-19-56, Cl. 166-217.
- Baker, Reuben C., to Baker Oil Tools, Inc. Apparatus for disengaging threaded joints. 2,751,019, 6-19-56, Cl. 166-218.
- Baker, Reuben C., and M. B. Conrad, to Baker Oil Tools, Inc. Subsurface back pressure valve apparatus for effecting automatic fluid filling of well casing. 2,737,195, 3-6-56, Cl. 137-68.
- Baker, Reuben C. and J. R., to Baker Oil Tools, Inc. Apparatus for setting equipment in well bores. 2,737,243, 3-6-56, Cl. 166-124.
- Baker, Reuben C., and M. B. Conrad, to Baker Oil Tools, Inc. Multiple ball release devices for well tools. 2,737,244, 3-6-56, Cl. 166-124.
- Baker, Reuben C., and B. L. Austin, to Baker Oil Tools, Inc. Well packer apparatus. 2,737,247, 3-6-56, Cl. 166-218.
- Baker, Reuben C., and T. M. Ragan, to Baker Oil Tools, Inc. Rotatable, expandible welding fixture. 2,750,911, 6-19-56, Cl. 113-103.
- Baker, Reuben C., and C. M. King, to Baker Oil Tools, Inc. Drill pipe float valve. 2,750,958, 6-19-56, Cl. 137-515.7.
- Baker, Reuben C., and M. B. Conrad, to Baker Oil Tools, Inc. Well packer apparatus. 2,751,012, 6-19-56, Cl. 166-121.
- Baker, Reuben C., and M. B. Conrad, to Baker Oil Tools, Inc. Retrievable well packer. 2,751,017, 6-19-56, Cl. 166-216.
- Baker, Reuben C., and M. B. Conrad, to Baker Oil Tools, Inc. Apparatus for allowing well conduits to fill with well bore fluid. 2,751,022, 6-19-56, Cl. 166-225.
- Baker, Reuben C., and T. M. Ragan, to Baker Oil Tools, Inc. Drill pipe float valve. 2,771,091, 11-20-56, Cl. 137-542.
- Baker, Richard E., and F. D. Covey, to Radio Corp. of America. Automatic radar target tracking system. 2,774,964, 12-18-56, Cl. 343-7.3.
- Baker, Richard H., and D. E. Eckdahl, to Northrop Aircraft Inc. Electronic counting device. 2,773,983, 12-11-56, Cl. 250-40.
- Baker, Richard S. Polyphase electromagnet strip guiding and tension device. 2,731,212, 1-17-56, Cl. 242-75.
- Baker, Richard S., to Mine Safety Appliances Co. Polyphase electromagnetic induction pump. 2,764,095, 9-25-56, Cl. 103-49.
- Baker, Robert F.: *See—*
- Byron, Edgar S., and Baker. 2,767,112.
- Baker, Robert M., to Westinghouse Electric Corp. Combination control system for continuous heat treatment. 2,773,161, 12-4-56, Cl. 219-10.77.
- Baker, Robert M., and T. A. Birckhead, to Westinghouse Electric Corp. Tank circuit. 2,748,242, 5-29-56, Cl. 219-10.77.
- Baker, Roy C. Apparatus for detecting holes in fabric. 2,748,381, 5-29-56, Cl. 340-259.
- Baker, Stephen C. Ignition element. 2,773,141, 12-4-56, Cl. 200-31.
- Baker, Tillman A., to J. H. Vicary. Supporting devices. 2,765,999, 10-9-56, Cl. 248-124.
- Baker, Trevor, to Fish lure. 2,774,170, 12-18-56, Cl. 43-42.5.
- Baker, Wavy L. Hand rod hook. 2,752,190, 6-26-56, Cl. 20-26.
- Baker, Weldon S., to Safety Seal Piston Ring Co. Piston or packing rings. 2,768,865, 10-30-56, Cl. 309-46.
- Baker, William O., and R. O. Grisdale, to Bell Telephone Laboratories, Inc. Abrasive devices. 2,736,642, 2-28-56, Cl. 51-295.
- Baker, William O., and F. H. Winslow, to Bell Telephone Laboratories, Inc. Methods of forming bodies of dehydrogenated hydrocarbon polymers. 2,758,940, 8-14-56, Cl. 117-33.3.
- Baker, William R.: *See—*
- Wright, Byron T., and Baker. 2,735,943.
- Baker, William R., to the United States of America as represented by the United States Atomic Energy Commission. Spark gap. 2,763,816, 9-18-56, Cl. 317-31.
- Baker, William R., and Q. A. Kerns, to the United States of America as represented by the United States Atomic Energy Commission. Suppressor circuit. 2,735,963, 2-21-56, Cl. 317-31.
- Baker, William R., and R. De Liban, to the United States of America as represented by the United States Atomic Energy Commission. Beam current regulator. 2,745,018, 12-4-56, Cl. 250-41.9.
- Bakewell, Harding F. Helicopter with fuselage-encircling lift rotor means. 2,740,595, 4-3-56, Cl. 244-17.11.
- Bakewell, Sidney. Valve assembly machine. 2,749,602, 6-12-56, Cl. 29-208.
- Bakke, Edgar H., to Boeing Airplane Co. Piston-mounted end lock for hydraulic actuators. 2,764,132, 9-25-56, Cl. 121-40.
- Bakke, Hans A., and S. Gabrielson, to General Electric Co. Sealed operating mechanism. 2,746,302, 5-22-56, Cl. 74-18.1.
- Bakke, Laurence D.: *See—*
- Altman, Peter, and Bakke. 2,771,862.
- Bakke, Olaf. Fan attachment for combines. 2,747,792, 5-29-56, Cl. 230-273.
- Bakker, Johannes. Composite prestressing reinforcement. 2,737,802, 3-13-56, Cl. 72-110.
- Bakker, Pier, to Automatic Electric Laboratories, Inc. Switching selector repeater. 2,744,962, 5-8-56, Cl. 179-18.
- Bakker, Pier, to Automatic Electric Laboratories, Inc. Carrier current telephone systems. 2,751,436, 6-19-56, Cl. 179-27.
- Bakker, Pier, to Automatic Electric Laboratories, Inc. Telephone system. 2,761,908, 9-4-56, Cl. 179-27.
- Bakker, Willem, to American Enka Corp. Thread drying apparatus. 2,746,169, 5-22-56, Cl. 34-68.
- Bakula, Walter M. Punches for notching blanks and tubing. 2,765,848, 10-9-56, Cl. 164-50.
- Balab: *See—*
- Larsen, Rudolph H., and Lam. 2,773,041.
- Balaban, Samuel A.: *See—*
- Chamberlain, Harvey H., and Balaban. 2,761,005.
- Balanda, Anthony J., to The Bristol Co. Electrical equipment component mounting. 2,735,965, 2-21-56, Cl. 317-101.
- Bala, Frederick P.: *See—*
- Frederick, Edward B., and Balas. 2,730,891.
- Balassa, Ladislav, and H. A. Christoph, to L. L. Balassa. Process of making alkali-insoluble cellulose glycolic acid ether fabric. 2,729,535, 1-3-56, Cl. 8-120.
- Balassa, Leslie L.: *See—*
- Frederick, Edward B., and Balas. 2,730,891.
- Balcerem, Edward S., and G. C. Catherino. Emergency brake system. 2,738,037, 3-13-56, Cl. 188-106.
- Balchen, Dolfe J., to United States Rubber Co. Adhesive sheeting. 2,744,041, 5-1-56, Cl. 154-53.5.
- Balcom, John A., and G. P. Nixon. Apparatus for cleaning paint spray guns and containers utilized in conjunction therewith. 2,745,418, 5-15-56, Cl. 134-102.
- Balcrank, Inc.: *See—*
- Field, Richard P. 2,735,586.
- Baldasare, Michael, to The Capitol Machine Co. Multiple switch. 2,740,004, 3-27-56, Cl. 200-5.



- Baldi, Alfonso L., Jr.: *See*—  
Schuster, Ludwig K., and Baldi. 2,768,103.  
Schuster, Ludwig K., and Baldi. 2,768,104.  
Schuster, Ludwig K., and Baldi. 2,773,623.
- Baldrige, Byron C.: *See*—  
Holmes, Raymond S., Baldrige, O'Neill, and Silk. 2,771,351.
- Baldrige, Byron C., to Olin Mathieson Chemical Corp. Explosive. 2,773,550, 11-20-56, Cl. 52-5.1.
- Baldwin, Henry D., to Calcey Chemical Co. Preparation of alkali metal hydrides. 2,768,064, 10-23-56, Cl. 23-204.
- Baldt Anchor, Chain and Forge Division of the Boston Metals Co.: *See*—  
Linnenbank, Charles D. 2,753,680.  
May, Fred B., and Linnenbank. 2,738,643.
- Baldunam, Agapito P. Device for detecting metal. 2,762,970, 9-11-56, Cl. 324-41.
- Baldwin, Arthur I. Screw head gripping attachment for screw drivers. 2,762,408, 9-11-56, Cl. 145-52.
- Baldwin, Francis P.: *See*—  
Sparks, William J., Newberg, and Baldwin. 2,762,504.
- Baldwin, George, to The Cincinnati Milling Machine Co. Grinding wheel. 2,749,685, 6-12-56, Cl. 51-209.
- Baldwin-Hill Co.: *See*—  
Hollenberg, Frederick H., Jr. 2,732,295.
- Baldwin, John D., Jr.: *See*—  
McMahon, James, and Baldwin. 2,749,788.
- Baldwin, John D., Jr., to The Weatherhead Co. Relief valve cap. 2,744,535, 5-8-56, Cl. 137-377.
- Baldwin, John D., Jr., T. A. St. Clair, and A. J. Weatherhead, Jr., to The Weatherhead Co. Mounting means for rotors. 2,731,228, 1-27-56, Cl. 248-300.
- Baldwin, John D., Jr., T. A. St. Clair, and A. G. Johnson, to The Weatherhead Co. Automatic filler unit. 2,751,181, 6-19-56, Cl. 249-63.
- Baldwin, John D., Jr., and A. G. Johnson, to The Weatherhead Co. Appliance regulator. 2,737,202, 3-6-56, Cl. 137-505.41.
- Baldwin, John H., K. C. Cummings, and O. H. Schuck, to Minneapolis-Honeywell Regulator Co. Control apparatus. 2,751,921, 6-26-56, Cl. 137-98.
- Baldwin-Lima-Hamilton Corp.: *See*—  
Bacchi, Ray. 2,755,733.
- Brown, Edwin C., and Benbow. 2,748,509.
- Byerlein, Arthur A. 2,750,909.
- Esher, Joseph C. 2,736,270.
- Esher, Joseph C. 2,753,813.
- Gleeson, Claude F., and Fervier. 2,742,769.
- Kaplan, Bernard, and Chace. 2,756,617.
- Krause, Gerhard P. 2,766,878.
- Lorant, Hugo, and Kent. 2,755,661.
- Peters, Anthony. 2,756,707.
- Ruge, Arthur C. 2,771,579.
- Ruge, Arthur C. 2,772,569.
- Zeiflin, Alexander, Mollick, and Morrison. 2,756,589.
- Baldwin, Lloyd D. Pressing machine. 2,731,743, 1-24-56, Cl. 38-12.
- Baldwin, Mack. Removable bottom for bird cages. 2,747,545, 5-29-56, Cl. 119-17.
- Baldwin, Morris J., to General Electric Co. Dynamoelectric machine core member and method of making same. 2,745,030, 5-8-56, Cl. 310-214.
- Baldwin Piano Co., The: *See*—  
Bissonette, Alfred J. 2,756,332.  
Chick, Russell W. 2,768,295.  
Chick, Russell W. 2,768,551.  
Corwin, Merton D. 2,734,416.  
Gregory, Marion B. 2,756,287.  
Knoblauch, Armand F. 2,768,235.  
Trinkle, Carl. 2,736,224.
- Baldwin, Richard E., to Powers-Samas Accounting Machines Ltd. Mechanism for sensing perforated record cards. 2,763,431, 9-18-56, Cl. 235-61.11.
- Baldwin, Richard E., to Powers-Samas Accounting Machines Ltd. Record card controlled statistical machines. 2,772,051, 11-27-56, Cl. 235-61.6.
- Baldwin, Robert R., to E. L. Sargent. Removal of sugars by enzymatic process. 2,744,017, 5-1-56, Cl. 99-150.
- Baldwin Rubber Co.: *See*—  
Hunter, Gerald G. 2,730,356.
- Baldyga, Joseph. Internal grinder. 2,733,551, 2-7-56, Cl. 51-90.
- Bale, Earl R. Combination sawing and abrading machine. 2,760,532, 8-28-56, Cl. 144-3.
- Bales, Irvin W., to Chipman Chemical Co., Inc. Method of defolating with sodium chlorate and sodium metaborate. 2,749,227, 6-5-56, Cl. 71-2.2.
- Bale, Max G., to General Motors Corp. Ignition distributor. 2,732,465, 1-24-56, Cl. 200-166.
- Bales, Max G., to General Motors Corp. Bayonet connector for distributor terminal. 2,736,871, 2-28-56, Cl. 339-94.
- Bales, Max G., to General Motors Corp. Ignition apparatus. 2,739,195, 3-20-56, Cl. 200-19.
- Balfour, L. G. Co.: *See*—  
Niven, Henry A. 2,756,571.
- Yeager, Clarence R., and Niven. 2,756,572.
- Balinkin, Isay: *See*—  
Furchenal, Charles H., and Balinkin. 2,733,592.
- Balint, John, and D. F. Gorman, to Tinnerman Products, Inc. Knob connection or the like. 2,745,689, 5-15-56, Cl. 287-53.
- Balint, Julius J., G. A. Bannasch, and D. H. Bratton, to General Motors Corp. Operating apparatus for a vehicle window. 2,775,479, 12-25-56, Cl. 296-44.
- Balintfi, John V., to Storm Sash, Inc. Storm sash locking device. 2,757,419, 8-7-56, Cl. 20-52.
- Balis, Charles B., to Frank D. Saylor & Son. Insulating shield. 2,733,716, 1-31-56, Cl. 154-45.
- Balkin, Mark, and D. G. Turner, to George Angus and Co., Ltd. Fibre-contacting elements used in processing textile fibres, particularly in spinning. 2,729,860, 1-10-56, Cl. 19-143.
- Balko, John H.: *See*—  
Childs, Emery S., and Balko. 2,738,615.
- Ball, Albert L., to Bay State Abrasive Products Co. Manufacture of flexible abrasive products. 2,740,725, 4-3-56, Cl. 117-20.
- Ball, Albert L., to Bay State Abrasive Products Co. Process of forming a durable open mesh fabric. 2,771,659, 11-27-56, Cl. 28-73.
- Ball, Albert L., O. S. Buckner, and P. C. Tucker, to Bay State Abrasive Products Co. Flexible abrasive products. 2,740,239, 4-3-56, Cl. 51-185.
- Ball, Albert L., and S. E. Lull, to Bay State Abrasive Products Co. Abrasive bands. 2,743,559, 5-1-56, Cl. 51-188.
- Ball, Albert L., to Briggs Mfg. Co. Sink assembly. 2,762,061, 9-11-56, Cl. 4-187.
- Ball Brothers Co., Inc.: *See*—  
Lawson, Percy J. 2,763,228.
- Pasotti, Felice G. 2,748,537.
- Pitto, Louis R. 2,738,891.
- Ball, Charles F., to Joy Mfg. Co. Oil well drilling apparatus. 2,730,330, 1-10-56, Cl. 255-19.
- Ball, Charles F., to Joy Mfg. Co. Floor clean-up mechanism for continuous mining apparatus. 2,737,284, 3-6-56, Cl. 198-9.
- Ball, Charles F., to Joy Mfg. Co. Rotary oil well drilling apparatus. 2,739,790, 2-27-56, Cl. 255-23.
- Ball, Charles F., to Joy Mfg. Co. Fluid operated motors. 2,742,880, 4-24-56, Cl. 121-164.
- Ball, Charles F., to Joy Mfg. Co. Rotary cutter and shaft mounting for a pavement cutter. 2,744,740, 3-8-56, Cl. 292-20.
- Ball, Charles F., to Joy Mfg. Co. Mobile drilling machine. 2,745,637, 5-15-56, Cl. 255-51.
- Ball, Charles F., to Joy Mfg. Co. Material gathering, receiving, storing and delivering apparatus. 2,753,971, Cl. 198-9.
- Ball, Charles F., to Joy Mfg. Co. Hydraulic drive with pressure equalizer and control for plural motors. 2,771,958, 11-27-56, Cl. 180-6.48.
- Ball, Charles F., and R. T. Hair, to Joy Mfg. Co. Cable reeling mechanism. Re. 2,747,78, 7-10-56, Cl. 242-90.
- Ball, Charles O., to The United Products Company. Sterilization of novel cream-style corn products. 2,767,101, 10-16-56, Cl. 99-186.
- Ball, Eric H., to the British Thomson-Huston Co. Ltd. Transporting of rotary machines. 2,749,190, 6-5-56, Cl. 308-8.
- Ball, Frederick S.: *See*—  
Palmgren, Per G., and Ball. 2,751,277.
- Ball, Geoffrey R., and P. H. Kemp, to United States Borax & Chemical Corp. New crystalline sodium borate and method for producing the same. 2,773,738, 12-11-56, Cl. 230-59.
- Ball, Howard L., and H. A. Mercer. Stirring spoon. 2,740,617, 4-3-56, Cl. 259-128.
- Ball, Merrill L. Necktie construction. 2,728,918, 1-3-56, Cl. 2-150.
- Ball, Richard H., T. B. Murdock, and H. M. Ogle, to General Electric Co. Jet-driven helicopter rotor power plant control system. 2,734,385, 2-14-56, Cl. 170-135.4.
- Ball, Thomas M., to Chrysler Corp. Carburetor. 2,757,914, 8-7-56, Cl. 261-23.
- Ball, William B., to Henry J. Kaiser Co. Measuring device. 2,765,104, 10-2-56, Cl. 222-20.
- Ball, William E. Awning assembly. 2,731,686, 1-24-56, Cl. 20-57.5.
- Ball, William F., to T. C. Thompson & Son Ltd. Spray apparatus for printing presses. 2,766,718, 10-16-56, Cl. 118-46.
- Ballack, John W.: *See*—  
Parker, Harold R. 2,754,528.
- Ballantine Laboratories, Inc.: *See*—  
Uiza, Endel. 2,763,831.
- Ballantine, P., & Sons: *See*—  
Pagdin, William G. 2,761,542.
- Ballantine, Warren W.: *See*—  
Rivers, John P., Jr., Ballantine, Kidder, and Gibson. 2,728,963.
- Ballard, Albert E., to the United States of America as represented by the United States Atomic Energy Commission. Process for the recovery of U in the presence of iron. 2,753,128, 1-31-56, Cl. 23-145.
- Ballard, Albert E., to the United States of America as represented by the United States Atomic Energy Commission. Either extraction of uranium salt from solutions. 2,758,007, 8-7-56, Cl. 23-14.5.
- Ballard Belt and Buckle Co.: *See*—  
Ballard, Mary H. 2,729,867.
- Ballard, Clayton A., and E. P. Horn, to The Air Preheater Corp. Pivotaly supported housing for rotary regenerators. 2,732,184, 1-24-56, Cl. 257-6.
- Ballard, Clinton S., and W. G. Lowe, to Eastman Kodak Co. Silver halide emulsions containing a diamino diphenyl amine stabilizer. 2,756,145, 7-24-56, Cl. 99-7.
- Ballard, Edwin. Floor surfacing machine. 2,752,736, 7-3-56, Cl. 51-176.
- Ballard, Herman E. Pipe coupling sealing means. 2,730,838, 1-10-56, Cl. 285-143.

- Ballard, Hyde W., to American Viscose Corp. Apparatus for the continuous fabrication of reinforced tubing. 2,730,762, 1-17-56, Cl. 18-13.
- Ballard, Hyde W., to American Viscose Corp. Apparatus for transferring segments with annular reels. 2,761,551, 9-4-56, Cl. 203-327.
- Ballard, James W.: *See*—
- Horst, William R., and Ballard. 2,767,975.
- Ballard, James W., and W. R. Horst, to The Commonwealth Engineering Co. of Ohio. Weighing unit. 2,767,974, 10-23-56, Cl. 265-27.
- Ballard, John S., to Wallace & Tiernan Inc. Dry feeder. 2,765,899, 10-9-56, Cl. 198-64.
- Ballard, Lee, to Burlington Industries, Inc. Stop-motion for narrow fabric looms. 2,740,433, 4-3-56, Cl. 139-371.
- Ballard, Louis M., to Wayne Mfg. Co. Sweeper conveyors. 2,743,829, 5-1-56, Cl. 214-83.36.
- Ballard, Louis M., to Wayne Mfg. Co. Attachment of elements to flexible conveyor belts. 2,753,980, 7-10-56, Cl. 198-174.
- Ballard, Mary H., to Ballard Belt and Buckle Co. Buckle frame and covering therefor. 2,729,867, 1-10-56, Cl. 24-176.
- Ballard, Robert L.: *See*—
- Garvey, Louis P., Walter, and Ballard. 2,770,489.
- Rodge, Allen W., and Ballard. 2,753,168.
- Ballard, Robert L., to General Motors Corp. Moisture responsive control means. 2,748,687, 6-5-56, Cl. 98-2.
- Ballard, Sam L. Pipe bending machine for industrial piping. 2,771,116, 11-20-56, Cl. 153-45.
- Ballard, Seaver A.: *See*—
- Finch, Harry De V., and Ballard. 2,768,155.
- Ballard, Seaver A., H. de V. Finch, and E. A. Peterson, to Shell Development Co. Production of unsaturated alcohols. 2,767,221, 10-16-56, Cl. 260-638.
- Ballard, Seaver A., and R. R. Whetstone, to Shell Development Co. Preparation of alpha, omega-glycol esters. 2,760,895, 12-11-56, Cl. 260-491.
- Ballard, Wiley P.: *See*—
- Meadows, James L., Ballard, and Chandler. 2,731,392.
- Ballash, Andrew, S. A. Stam, and P. E. Anderson, to the United States of America as represented by the Secretary of the Army. Repeating rocket launcher. 2,774,282, 1-18-56, Cl. 29-4.7.
- Ballastra Corp.: *See*—
- Kittie, Ordean. 2,731,591.
- Ballaue, Alb C., E. R. Sargent, and J. H. Schmidt, to McDonnell Aircraft Corp. Compound aircraft propelling ram jet and pulse jet engine. 2,740,254, 4-3-56, Cl. 60-35.6.
- Ballentine, James B., to The Chemstrand Corp. Dissolution of acrylonitrile polymers. 2,744,082, 5-1-56, Cl. 260-32.6.
- Baller, Albert H., to Rand McNally & Co. Animated toy booklet. 2,740,231, 4-3-56, Cl. 46-36.
- Ballew, Dallas D. Doughnut filling machine. 2,757,620, 8-7-56, Cl. 107-1.
- Ballew, Dallas D. Doughnut former and cutting mechanism. 2,759,436, 8-21-56, Cl. 107-14.
- Balley, Eric J. G., and W. Walker, to Imperial Chemical Industries Ltd. Plasticised compositions. 2,730,513, 1-10-56, Cl. 260-31.8.
- Ballhausen, Carl, to Deutsche Edelstahlwerke Aktiengesellschaft. Method of and apparatus for adjusting the spark gap length in metalworking apparatus by which metal may be removed or eroded by sparking. 2,744,991, 5-8-56, Cl. 214-15.
- Ballhausen, Carl, to Deutsche Edelstahlwerke Aktiengesellschaft. Method of and a feed drive for the regulation of the spark gap in metal-working machines. 2,761,050, 8-28-56, Cl. 219-15.
- Ballman, Charles W. Jack for machine tools. 2,729,990, 1-10-56, Cl. 77-5.
- Ballman, Charles W. Collapsible anchor. 2,735,395, 2-21-56, Cl. 114-207.
- Ballman, Edwin C., to Ballman Engineering Co. Stator construction. 2,769,933, 11-6-56, Cl. 310-217.
- Ballman Engineering Co.: *See*—
- Ballman, Edwin C. 2,769,933.
- Balmer, James E.: *See*—
- May, Claude H., Balmer, and Trainer. 2,772,756.
- Rockwood, Albert M., Balmer, and May. 2,731,849.
- Ballonoff, Irv., to Ballonoff Metal Products Co. Insulating mat. 2,739,412, 3-27-56, Cl. 45-68.4.
- Ballonoff Metals Products Co.: *See*—
- Ballonoff, Irv. 2,739,412.
- Ballou, B. A., & Co., Inc.: *See*—
- Ballou, Frederick A., Jr. 2,772,472.
- Morchouse, Eugene. 2,732,603.
- Sauer, Alfred E. 2,767,453.
- Sauer, Alfred E. 2,773,292.
- Watson, John R. 2,751,655.
- Watson, John R. 2,773,293.
- Watson, John R., and Stauffer. 2,773,305.
- Ballou, Frederick A., Jr., to B. A. Ballou & Co. Inc. Attachment of pin stem finding to an ornament. 2,772,472, 12-4-56, Cl. 29-160.6.
- Ballou, Richard P., to Federal Electric Products Co. Electric switches. 2,747,060, 5-22-56, Cl. 200-170.
- Balmer, Donald F., and F. E. Runge, to The Soundscrubber Corp. Optical indicating apparatus for dictating machines. 2,757,048, 7-31-56, Cl. 299-89.
- Balmer, Ralph M. Foldable tray for playing cards. 2,740,632, 4-3-56, Cl. 273-148.
- Balmer, Verne and E. Grain cleaner attachment. 2,765,080, 10-2-56, Cl. 209-350.
- Balmes, Estrajares, S. A.: *See*—
- Balmes Solanas, Ramon. 2,769,210.
- Balmes Solanas, Ramon, to Estrajares Balmes, S. A. Drawing mechanism for textile machines. 2,740,995, 4-10-56, Cl. 7-130.
- Balmes Solanas, Ramon, to Estrajares Balmes, S. A. Mechanism for applying pressure to the drafting rollers of spinning and other textile preparation machinery. 2,769,210, 11-6-56, Cl. 19-135.
- Balogh, Roy O., to McCabe-Powers Auto Body Co. Vehicle mounted transport clamps. 2,733,039, 1-31-56, Cl. 248-361.
- Balon, Walter J., and O. Stallmann, to E. I. du Pont de Nemours & Co. Stabilized coloring compositions and methods of making and using same. 2,755,200, 7-17-56, Cl. 117-36.
- Balon, Walter J., and O. Stallmann, to E. I. du Pont de Nemours & Co. Stabilized coloring compositions and methods of making and using same. 2,755,202, 7-17-56, Cl. 117-36.
- Bals, Edward J. Crop spraying apparatus. 2,738,226, 3-13-56, Cl. 29-63.
- Balsa Processing Co., Inc.: *See*—
- Bass, Donald B. 2,760,533.
- Balsam, Maurice M. Apparatus for folding sheet material over an edge of a blank. 2,743,650, 5-1-56, Cl. 93-36.6.
- Balsam, Maurice M. Apparatus for cutting a strip into portions of a predetermined length. 2,743,777, 5-1-56, Cl. 18-14.
- Balsam, Maurice M. Adjustable band cutting apparatus. 2,743,778, 5-1-56, Cl. 164-201.
- Balshone, Leon. Spectacles, including lens-locking and lens-releasing structure. 2,758,507, 8-14-56, Cl. 88-47.
- Balsiger, Harold E.: *See*—
- Fries, John R., and Balsiger. 2,735,240.
- Balsiger, Harold E., to Landis Tool Co. Speed regulation for control wheels. 2,735,237, 2-21-56, Cl. 51-103.
- Balsiger, Harold E., to Landis Tool Co. Bearing construction. 2,743,442, 4-24-56, Cl. 308-73.
- Balsiger, Harold E., to Landis Tool Co. Grinding machine set-up means. 2,749,673, 6-12-56, Cl. 51-103.
- Balsiger, Harold E., to Landis Tool Co. Cam grinder. 2,754,633, 7-17-56, Cl. 51-105.
- Balsiger, Harold E., to Landis Tool Co. Concentric grinding work support and method. 2,760,312, 8-28-56, Cl. 51-103.
- Balsley, Fredric M.: *See*—
- Abbott, Fredric M., Balsley, and Bamesberger. 2,746,375.
- Balter, Sallye E., to Jack I. Ellerstein Co. Stereoscopic film mount. 2,739,401, 3-27-56, Cl. 40-158.
- Baltzore, Robert C.: *See*—
- MacDermott, Angus A., Baltzore, and Parks. 2,759,052.
- Baltimore Paper Box Co., The: *See*—
- Riley, Melvin A. 2,746,666.
- Balton, James, to The Maryland Baking Co. Machine for automatically making rolled cones. 2,745,363, 5-15-56, Cl. 107-58.
- Baltkoser, Robert W., to Selsmograph Service Corp. Selsmograph. 2,748,370, 5-29-56, Cl. 340-17.
- Baltuch, Bario E. Relay with time delay action. 2,756,302, 7-24-56, Cl. 200-98.
- Baltzy, Richard, W. S. Ide, and E. Lorz, to Burroughs Wellcome & Co. (U. S. A.) Inc. Spasmolytic piperazines. 2,742,472, 4-17-56, Cl. 260-268.
- Baltzy, Richard, and P. B. Russell, to Burroughs Wellcome & Co. (U. S. A.) Inc. Phenylcycloalkylcarbinyl piperazines and method of making. 2,748,126, 5-29-56, Cl. 260-268.
- Baltzy, Richard, and P. B. Russell, to Burroughs Wellcome & Co. (U. S. A.) Inc. N-( $\alpha$ -cyclohexenyl benzyl)piperazines and method of making. 2,748,127, 5-29-56, Cl. 260-268.
- Baltzy, Richard, and P. B. Russell, to Burroughs Wellcome & Co. (U. S. A.) Inc. N-( $\alpha$ -cycloalkenylbenzyl)piperazines and method of making. 2,748,128, 5-29-56, Cl. 260-268.
- Baltzy, Richard, and M. B. Sherwood, to Burroughs Wellcome & Co. (U. S. A.) Inc. 1-alkyl 2,5-dimethyl piperazines. 2,755,279, 7-17-56, Cl. 260-268.
- Baltzy, Richard, E. Lorz, and P. B. Russell, to Burroughs Wellcome & Co. (U. S. A.) Inc. Method for the preparation of amino cycloalcohols and products. 2,767,185, 10-16-56, Cl. 260-268.
- Baltzy, Richard, W. S. Ide, and E. Lorz, to Burroughs Wellcome & Co. (U. S. A.) Inc. Quaternary ammonium salts of substituted benzhydryl piperazines and method of making. 2,767,186, 10-16-56, Cl. 260-268.
- Balzer, Rudolf. Needle threader. 2,747,778, 5-29-56, Cl. 223-199.
- Balzer, Vernon W., to Hallett Mfg. Co. Seed planter. 2,732,975, 1-31-56, Cl. 211-234.
- Balzer, Vernon W., to Hallett Mfg. Co. Internal combustion engine. 2,758,580, 8-14-56, Cl. 123-41.65.
- Bambas, Joseph E., to Columbia Broadcasting System, Inc. Television. 2,764,628, 9-25-56, Cl. 178-5.4.
- Bame, John L.: *See*—
- Yust, Venard E., and Bame. 2,750,267.
- Yust, Venard E., and Bame. 2,765,220.
- Bamesberger, Henry F.: *See*—
- Abbott, Fredric M., Balsley, and Bamesberger. 2,746,375.
- Bamford, Arthur P., to E. G. Staude Mfg. Co., Inc. Printing cylinder elevating means. 2,746,386, 5-22-56, Cl. 101-153.



- Bamford, Randall W., to Imperial Chemical Industries Ltd. Manufacture of a pyridine homologue. 2,769,007, 10-30-56, Cl. 260-290.
- Baummann, Heinrich. Sand and stone intercepting means for best-dating troughs. 2,735,549, 2-21-56, Cl. 209-454.
- Bampton, Robert F. : See—
- Schlosser, Paul H., Mitchell, and Bampton. 2,762,795.
- Bancroft Cap Co. : See—
- Goldman, Louis. 2,769,272.
- Bancroft, George H., to Consolidated Vacuum Corp. Vacuum dehydration apparatus. 2,731,734, 1-24-56, Cl. 34-76.
- Bancroft, John W., and J. F. Storm, to Minneapolis-Honeywell Regulator Co. Rate indicating apparatus for quantity measurements. 2,750,800, 6-19-56, Cl. 73-304.
- Bancroft, Joseph, & Sons Co. : See—
- Linard, Lee W., and Shattuck. 2,734,251.
- Shattuck, Ewart H. 2,734,229.
- Shattuck, Ewart H. 2,734,252.
- Shattuck, Ewart H. 2,740,992.
- Vonaesch, Fritz. 2,743,190.
- Wood, George H., Jr. 2,763,914.
- Bandel, David, to International Cigar Machinery Co. Tobacco sheet material and method of forming. 2,769,734, 11-6-56, Cl. 131-15.
- Band-It Co. : See—
- Beardsley, Harold H. 2,746,324.
- Mahn, Holbrock. 2,746,156.
- Band, Isaac. 2,731,286, 1-17-56, Cl. 292-5.
- Bandy, Kenneth L., to The McKay Machine Co. Length control apparatus for use in feeding strip stock. 2,747,285, 5-29-56, Cl. 33-132.
- Bandy, Kenneth L., to The McKay Machine Co. Length control device for feeding strip stock and the like. 2,763,064, 9-18-56, Cl. 33-132.
- Banerjee, Tarapada, and P. B. Chakravarty, to The Council of Scientific and Industrial Research. Process for the recovery of beryllium oxide. 2,749,296, 6-5-56, Cl. 204-96.
- Banet, Fred W. : See—
- Hubbard, Addison W., Banes, and Johnson. 2,735,875.
- Hubbard, Addison W., Leary, and Banes. 2,764,577.
- Mirviss, Stanley B., and Banes. 2,750,353.
- Nelson, Joseph F., Banes, and Hubbard. 2,751,422.
- Nelson, Joseph F., Leary, and Banes. 2,734,046.
- Perge, Bruce R., and Banes. 2,770,613.
- Wilson, Howard L., Banes, Smith, and Nelson. 2,736,685.
- Young, David W., and Banes. 2,730,436.
- Banes, Fred W., and J. D. Garber, to Esso Research and Engineering Co. Hydrolyzed acrylonitrile-isobutylene copolymers. 2,749,330, 6-5-56, Cl. 260-85.5.
- Banes, Fred W., J. F. Nelson, and S. B. Mirviss, to Esso Research and Engineering Co. Resins from selected distillates. 2,753,325, 7-3-56, Cl. 260-82.
- Banes, Fred W., and J. F. Nelson, to Esso Research and Engineering Co. Petroleum resins using cycloclene monomers. 2,754,288, 7-10-56, Cl. 260-82.
- Banes, Fred W., J. F. Nelson, and H. K. Wiese, to Esso Research and Engineering Co. Petroleum resins from solvent extracted fractions. 2,758,988, 8-14-56, Cl. 260-82.
- Banes, Fred W., and E. Arundale, to Esso Research and Engineering Co. Cationic derivatives of itaconate-diene copolymers. 2,741,459, 10-20-56, Cl. 260-75.5.
- Bang, Mogens W., to Allen B. Du Mont Laboratories, Inc. Dial knobs. 2,737,148, 3-6-56, Cl. 116-124.4.
- Bangert, John T., to Bell Telephone Laboratories, Inc. Wave transmission network using transistor. 2,730,680, 1-10-56, Cl. 333-80.
- Bangert, John T., to Bell Telephone Laboratories, Inc. Wave transmission network using transistor. 2,733,415, 1-31-56, Cl. 333-80.
- Bangs, Joseph F., and T. R. Duncan, said Bangs to said Duncan. Music comb mounting means. 2,735,328, 2-21-56, Cl. 183-80.
- Banham, James W., Jr., and W. A. Fritz, Jr., to the United States of America as represented by the Secretary of the Navy. Spark and fly ash arrester. 2,770,322, 11-13-56, Cl. 183-80.
- Banham, William G. Double-hung window structure. 2,743,148, 5-15-56, Cl. 20-48.
- Banigan, Thomas F., Jr. : See—
- Meeks, James W., and Banigan. 2,744,125.
- Banister, Guy, to Barber-Greene Co. Boom suspension means for a continuous bucket trenching machine. 2,750,687, 6-19-56, Cl. 37-90.
- Bank of America National Trust and Savings Association : See—
- Boghossian, Victor. 2,767,694.
- Stone, Donald D. 2,764,140.
- Bank, Thor G., and W. S. Lorenz, to Allis-Chalmers Mfg. Co. Thermal trip device with pickup coil on an adjustable armature. 2,744,979, 5-8-56, Cl. 200-88.
- Banker, Oscar H., to New Products Corp. Self-cleaning apparatus for purifying sea water by distillation. 2,735,807, 2-21-56, Cl. 202-238.
- Banker, Oscar H., to New Products Corp. Hydraulic tappet. 2,737,934, 3-13-56, Cl. 123-90.
- Banker, Oscar H., to New Products Corp. Fluid pump. 2,742,862, 4-24-56, Cl. 103-126.
- Banker, Oscar H., to New Products Corp. Automatic stop for fluid motor. 2,743,704, 5-1-56, Cl. 121-38.
- Banker, Oscar H., to New Products Corp. Hydraulic tappet. 2,744,509, 5-8-56, Cl. 123-90.
- Banker, Oscar H., to New Products Corp. Vacuum powered hydraulic brakes with anti-skid controls. 2,747,697, 5-29-56, Cl. 188-152.
- Banker, Oscar H., to New Products Corp. Sprag mechanisms. 2,752,912, 5-56, Cl. 192-45.1.
- Banker, Oscar H., to New Products Corp. Follow-up type booster with reaction to actuator. 2,752,892, 7-3-56, Cl. 121-41.
- Banker, Oscar H., to New Products Corp. Hydraulic tappet. 2,752,947, 7-3-56, Cl. 123-90.
- Banker, Oscar H., to New Products Corp. Power-operated braking system with potential manual operation. 2,756,845, 7-31-56, Cl. 188-152.
- Banker, Oscar H., to New Products Corp. Control valve for track laying tractor. 2,757,513, 8-7-56, Cl. 60-97.
- Banker, Oscar H., to New Products Corp. Automatic over-drive and transmission system. 2,774,256, 12-18-56, Cl. 74-740.
- Banker, Oscar H., to New Products Corp. Torsional vibration absorber. 2,775,105, 12-25-56, Cl. 64-27.
- Banker, Oscar H., and H. A. Hedland, to New Products Corp. Hydraulic fuse. 2,742,254, 4-17-56, Cl. 251-16.
- Banks, Charles T., to Kimberly-Clark Corp. Apparatus for collecting articles for packaging. 2,759,615, 8-21-56, Cl. 214-6.
- Banks, Charles T., C. J. Greiner, and R. N. Sabee, to Kimberly-Clark Corp. Method and apparatus for the manufacture of sanitary napkins with attachment loops. 2,759,441, 8-21-56, Cl. 112-2.
- Banks, Daniel B., to Sun Oil Co. Catalyst unloader. 2,766,002, 10-9-56, Cl. 249-60.
- Banks, George, deceased; M. A. Banks, administratrix, to said C. Lytle, executor. Folding support for receptacles. 2,733,640, 2-21-56, Cl. 248-166.
- Banks, John J., Jr.,  $\frac{1}{2}$  to L. Feinstein. Hollow cover for sheet material. 2,737,353, 3-6-56, Cl. 242-55.5.
- Banks, John N., to Linotype and Machinery Ltd. Typographic composing and slug casting machines. 2,758,705, 8-14-56, Cl. 199-63.
- Banks, Mary A. : See—
- Banks, George. 2,735,640.
- Banks, Reginald M., to Davis & Geck, Inc. Mixtures of alcohols as tubing fluids for non-bollable catgut. 2,742,148, 4-17-56, Cl. 206-65.3.
- Bank, Robert : See—
- Garner, Stanley, Banks, and Porter. 2,741,107.
- Banks, William B. : See—
- Meyers, Douglas C., Banks, and Slagle. 2,773,556.
- Banks, William V. : See—
- Lytle, William. 2,752,910.
- Banks, Willis L. : See—
- Oosterhout, Johan C. D., Banks, and Glassmire. 2,741,597.
- Bannasch, Gilbert A. : See—
- Balling, Julius J., Bannasch, and Bratton. 2,775,479.
- Banner, Edwin P. : See—
- Pentland, Mary, and Banner. 2,729,258.
- Banneyer, Joseph. Building wall structure. 2,750,016, 6-12-56, Cl. 189-88.
- Banning, Alfred J., to C. V. A. Jigs Moulds & Tools Ltd. Driving gear for automatic lathes. 2,729,983, 1-10-56, Cl. 74-740.
- Banning, Joe D. Push button telephone number selector. 2,761,015, 8-28-56, Cl. 179-90.
- Banning, Thomas A., Jr. Color television and the like. 2,755,334, 7-17-56, Cl. 178-5.2.
- Bannister, Bryant, to United States Steel Corp. Method of making bars. 2,761,204, 9-4-56, Cl. 29-424.
- Bannister, Bryant, and J. E. Bentley, to United States Steel Corp. Apparatus for maintaining a loop of continuous strip at entry end of a processing line. 2,750,187, 6-12-56, Cl. 271-2.1.
- Bannister, Harold V., to Schield Bantam Co. Crane attachment. 2,755,573, 7-24-56, Cl. 37-144.
- Bannon, John H., to Esso Research and Engineering Co. Surface coatings for polymer dryers. 2,766,224, 10-9-56, Cl. 260-88.1.
- Bannon, Thomas C. : See—
- Spencer, Lloyd. 2,748,660.
- Spencer, Lloyd. 2,748,874.
- Banowitz, Michael W., Sr., to Master Industries Inc. Clip for fish cleaning device. 2,756,457, 7-31-56, Cl. 17-8.
- Banowitz, Benjamin B. Cooking vessel cover and agitator. 2,736,536, 2-28-56, Cl. 259-122.
- Banowitz, Benjamin B., to TV Time Foods, Inc. Packaged article of food and method of making the same. 2,741,559, 4-10-56, Cl. 99-171.
- Banta, Edwin D., to Philco Corp. Electromechanical delay means. 2,764,741, 9-25-56, Cl. 333-30.
- Bantam-Lite, Inc. : See—
- Schwartz, Sidney. 2,762,907.
- Bantar, Inc. : See—
- McBride, John W. 2,736,226.
- McBride, John W. 2,748,644.
- McBride, John W. 2,764,052.
- Banus, Mario D. : See—
- Bragdon, Robert W., and Banus. 2,741,540.
- Banus, Mario D., to Metal Hydrides Inc. Method for preparing valve parts for apparatus for handling molten calcium. 2,740,730, 4-3-56, Cl. 117-131.



- Banus, Mario D., T. R. P. Gibb, Jr., and R. W. Bragdon, to the United States of America as represented by the United States Atomic Energy Commission. Method for making quaternary ammonium borohydrides. 2,738,369, 3-13-56, Cl. 260—567-8.
- Banus, Mario D., and R. W. Bragdon, to Metal Hydrides Inc. Method for preparing potassium borohydride. 2,741,539, 4-10-56, Cl. 23-14.
- Banzhof, William S., Jr., and J. A. Hosford, to Western Electric Co., Inc. Automatic feeding mechanism. 2,769,143, 10-30-56, Cl. 324—158.
- Baquet, Harold W., to Corhart Refractories Co. Method of feeding glass batch materials. 2,749,666, 6-12-56, Cl. 49—77.
- Bar-Brook Mfg. Co., Inc.: See—  
Tongue, Thomas O., and Baral. 2,768,145.
- Barackett, Albert J., to International Telephone and Telegraph Corp. Cathode ray electron discharge device. 2,771,566, 11-20-56, Cl. 315—16.
- Baral, Leon L.: See—  
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- Baran, Edward C., W. H. Fletcher, H. A. Jatzek, and M. A. Pappas, to The Standard Oil Co. pH sampling apparatus. 2,752,307, 6-26-56, Cl. 204—195.
- Baranaukas, Charles F., and E. T. McBee, to Purdue Research Foundation. Chlorocarbon reduction and products thereof. 2,747,225, 10-16-56, Cl. 260—648.
- Barasch, Hans P., and H. C. Hinshaw. Dual compartment mixing valv. 2,764,983, 10-2-56, Cl. 128—272.
- Barassi, Carlo, and R. Menghi, to Pirelli S. p. A. Foldable luggage-carrier. 2,753,095, 7-3-56, Cl. 224—42.1.
- Baratelli, Charles A., to American Optical Co. Receptacles. 2,738,054, 3-13-56, Cl. 206—5.
- Baratelli, Charles A., to American Optical Co. Spectacle case. 2,739,698, 3-27-56, Cl. 206—5.
- Baratelli, Charles A., to American Optical Co. Eye protection devices. 2,758,809, 8-14-56, Cl. 2—14.
- Baratelli, Charles A., to American Optical Co. Spectacle cases. 2,758,707, 8-14-56, Cl. 206—5.
- Baraut, Marcel J.: See—  
Paris, François G., Le Foll, Bertin, and Baraut. 2,750,733.
- Barba, Carl J. Power take-off. 2,731,840, 1-24-56, Cl. 74—15.8.
- Barbas, Felix J. F. Gas-tightening devices for oven doors. 2,745,399, 5-15-56, Cl. 126—190.
- Barber, Charles C., to Bell Telephone Laboratories, Inc. Damping device for lever type keys. 2,763,737, 9-18-56, Cl. 212—1.
- Barber-Colman Co.: See—  
Andres, Ralph W., and Townsend. 2,762,107.
- Borchardt, Robert E. 2,742,125.
- Borchardt, Robert E. 2,747,806.
- Drake, Russell P., and Borchardt, and Crandall. 2,769,598.
- Felton, Charles. 2,754,170.
- Kennedy, Walter W. 2,737,106.
- Marcellus, Phillips B. 2,753,126.
- Barber, Everett M., to The Texas Co. Internal combustion engine and method of operation. 2,760,471, 8-28-56, Cl. 1-1-19.
- Barber, Everett M., to The Texas Co. Method of operating an internal combustion engine. 2,767,692, 10-23-56, Cl. 123—32.
- Barber-Greene Co.: See—  
Banister, Guy. 2,750,687.
- McDonald, Dan. 2,752,377.
- McDonald, Dan. 2,755,293.
- Barber, Harry J., to May & Baker Ltd. Methane sulphonic acids and production thereof. 2,740,808, 4-3-56, Cl. 260—512.
- Barber, Harry J., and M. B. Green, to May & Baker Ltd. Preparation of chlorophenoxy acetonitriles. 2,733,257, 1-31-56, Cl. 260—465.
- Barber, Harry J., and M. B. Green, to May & Baker Ltd. Preparation of chlorophenoxy compounds. 2,733,271, 1-31-56, Cl. 260—412.
- Barber, Harry J., and M. B. Green, to May & Baker Ltd. Quaternary salts of chlorophenoxy methylamines. 2,734,918, 2-14-56, Cl. 260—567.6.
- Barber, John J., to Knock A Bar, Inc. Liquid level signalling device. 2,744,177, 5-1-56, Cl. 200—84.
- Barber, Leo W.: See—  
Isabelle, Jessie C. 2,770,487.
- Barbera, Richard J. Christmas tree stand. 2,746,700, 5-22-56, Cl. 248—44.
- Barbknecht, Fred W., and D. A. Walker, to International Harvester Co. Cotton picker drum structure with lubricating means. 2,743,569, 5-1-56, Cl. 56—44.
- Barbour, Fenner S.: See—  
Worthen, Eugene P., and Barbour. 2,759,882.
- Barbour, Harry S., to J. M. Huber Corp. Method of compacting carbon black. 2,758,039, 8-7-56, Cl. 117—100.
- Barbour, Roswell P. Lid for lug boxes. 2,759,619, 8-21-56, Cl. 217—56.
- Barbour Welting Co.: See—  
Vizard, William C. 2,750,686.
- Vizard, William C. 2,754,600.
- Vizard, William C. 2,762,135.
- Barbulesco, Daniel J.: See—  
Jacobs, James W., and Barbulesco. 2,774,222.
- Barch, Walter F. Truss structure. 2,756,745, 7-31-56, Cl. 128—104.
- Barclay, Harry A., and D. P. Nichols, to Socony Mobil Oil Co., Inc. Subsurface igniter. 2,771,140, 11-20-56, Cl. 166—60.
- Barco, Allen A.: See—  
Preisig, Joseph O., and Barco. 2,742,523.
- Sziklai, George C., Lohman, and Barco. 2,762,870.
- Barco, Allen A., to Radio Corp. of America. Field identification apparatus. 2,742,527, 4-17-56, Cl. 178—69.5.
- Barco, Allen A., to Radio Corp. of America. Color television receiver. 2,750,438, 6-12-56, Cl. 178—3.4.
- Barco, Allen A., to Radio Corp. of America. Semi-conductor signal amplifier circuits. 2,762,874, 9-11-56, Cl. 179—171.
- Bard, Francis N. Cushioned universal pipe joint. 2,740,646, 4-3-56, Cl. 285—11.
- Bardahl, Ole: See—  
Quinton, Wayne E. 2,752,566.
- Bardenheuer, Peter, G. Wehner, and P. Klare, to Vereinigte Deutsche Metallwerke Aktiengesellschaft. Production of wire rod and wire. 2,749,611, 6-12-56, Cl. 29—547.
- Bardin, Georges: See—  
Ballard, Pierre A., J., and Bardin. 2,753,106.
- Barditch, Irving F., to Aircraft Armaments, Inc. Time modulators. 2,774,942, 12-18-56, Cl. 332—9.
- Bardolph, Marinus P., to Commercial Solvents Corp. Production of crystalline porcine penicillin. 2,739,962, 3-27-56, Cl. 260—239.1.
- Bardone and Oliver, Inc.: See—  
Kilby, Henrik O. 2,753,502.
- Bardsley, Joseph R., to Bell Telephone Laboratories, Inc. Housing for electrical apparatus and method of manufacture. 2,743,808, 4-24-56, Cl. 174—52.
- Bardwell, Howard F.: See—  
Borazin, James H., and Bardwell. 2,756,557.
- Bardwell, Howard F., and P. L. May, to International Harvester Co. Wire twisting mechanism for hay balers. 2,775,190, 12-25-56, Cl. 100—4.
- Barecki, Chester J., to American Seating Co. Chair with seat tilt adjustment. 2,748,835, 6-5-56, Cl. 155—126.
- Barecki, Chester J., to American Seating Co. Manual control device. 2,754,688, 7-17-56, Cl. 74—100.
- Barecki, Chester J., to American Seating Co. Inertia locking safety reel. 2,760,737, 8-28-56, Cl. 242—107.
- Barki, Chester J., and W. E. Nordmark, to American Seating Co. Inertia operated electric switch. 2,768,256, 10-23-56, Cl. 200—61.48.
- Barefoot, Josie C. Bread carrier. 2,747,748, 5-29-56, Cl. 211—126.
- Bareis, David W., to the United States of America as represented by the United States Atomic Energy Commission. Method of purifying liquid fuels of nuclear reactors. 2,758,023, 8-7-56, Cl. 75—84.1.
- Barényi, Béla: See—  
Wilfert, Karl, and Barényi. 2,761,722.
- Wilfert, Karl, and Barényi. 2,767,014.
- Barényi, Béla, to Daimler-Benz Aktiengesellschaft. Rigid axle suspension for motor vehicles. 2,732,902, 1-31-56, Cl. 180—73.
- Barényi, Béla, to Daimler-Benz Aktiengesellschaft. Drive arrangement for sectional type vehicle. 2,738,023, 3-13-56, Cl. 180—54.
- Barényi, Béla, to Daimler-Benz Aktiengesellschaft. Motor vehicle equipped with a defrosting system. 2,746,099, 5-22-56, Cl. 20—40.5.
- Barényi, Béla. Wheel suspension of the swinging-arm type with favorable spatial arrangements, especially for motor vehicles. 2,749,142, 6-5-56, Cl. 280—124.
- Barényi, Béla. Roof support for a motor vehicle. 2,751,246, 6-19-56, Cl. 296—28.
- Barényi, Béla, to Daimler-Benz Aktiengesellschaft. Passenger car frame structure. 2,751,247, 6-19-56, Cl. 296—28.
- Barényi, Béla, to Daimler-Benz Aktiengesellschaft. Method for assembling motor vehicles. 2,757,447, 8-7-56, Cl. 29—430.
- Barényi, Béla, to Daimler-Benz Aktiengesellschaft. Dashboard housing support for motor vehicle controls. 2,765,863, 10-9-56, Cl. 180—90.
- Bares, Emil O., to Ford Motor Co. Fold-down others Inc. Inclined shaft mucking apparatus. 2,743,830, 5-1-56, Cl. 214—90.
- Barfield, Walter. Auxiliary drive for earth moving machine. 2,747,677, 5-29-56, Cl. 180—54.
- Barford, Frederik: See—  
Wirth, Emil O., and Barford. 2,736,539.
- Barford, Frederik, to Bendix Aviation Corp. Fuel injection nozzles. 2,733,960, 2-7-56, Cl. 299—107.6.
- Barg, Herbert, to True Form Corset Co., Inc. Brassiere construction. 2,735,101, 2-21-56, Cl. 2—42.
- Bargehr, Robert. Electric heating element. 2,747,070.
- Bargen, William J.: See—  
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- Bargen, William J. Vertically adjustable chair pedestal. 2,741,299, 4-10-56, Cl. 155—89.
- Bargen, William J. Table leg unit structure. 2,759,781, 8-21-56, Cl. 311—109.
- Bargen, William J. Combination seat support and desk bracket. 2,764,229, 9-25-56, Cl. 155—191.
- Bargen, William J. Desk or table top support frame. 2,772,936, 12-4-56, Cl. 311—105.
- Bargezi, Edward, to General Refractories Co. Process of making refractory brick and brick. 2,744,021, 5-1-56, Cl. 106—59.
- Bargman, Theodore. Rotary-bolt lock. 2,731,822, 1-24-56, Cl. 70—135.
- Barhorst, Robert C., to Glebar Co. Centerless grinder. 2,756,546, 7-31-56, Cl. 51—103.

- Barhorst, Robert C., to Royal Master, Inc. Convertible centerless grinder. 2,761,253, 9-4-56, Cl. 51-103.
- Baril, Albert, Jr., and I. H. De Barbieris, to Thos. J. Moran's Sons Inc. Sheet separator. 2,731,263, 1-17-56, Cl. 27-13.
- Baril, Edward J. Adjustable mounting devices for window cleaning squeegee and other articles. 2,771,623, 11-27-56, Cl. 15-144.
- Barish, Thomas, to The Cleveland Hobbing Machine Co. Hobbing machine. 2,773,427, 12-11-56, Cl. 90-4.
- Barlow, Clara E., to Sperry Rand Corp. Directional gyros. 2,752,789, 7-3-56, Cl. 74-5-2.
- Barkdoll, Archie E., and R. N. MacDonald, to E. I. du Pont de Nemours and Co. Solutions of formaldehyde polymers. 2,775,570, 12-25-56, Cl. 280-33.4.
- Barkdoll, Joseph E., to Smith-Corona Inc. Carriage retarding device for typewriters. 2,758,692, 8-14-56, Cl. 197-64.
- Barkolew Electric Mfg. Co., The: See—
- Stevens, Arthur M. 2,771,520.
- Barker, R. Lincoln. Easel assembly. 2,746,202, 5-22-56, Cl. 45-129.
- Barker, Alvin. Animated greeting card or folder. 2,742,287, 4-17-56, Cl. 272-27.
- Barker, Clifford L., to Walker Crosswell & Co. Ltd. Fluid mixing devices. 2,767,924, 10-23-56, Cl. 236-12.
- Barker, Edward D. Inflatable tent. 2,752,928, 7-3-56, Cl. 135-1.
- Barker, Edward D. Inflatable mattress. 2,753,573, 7-10-56, Cl. 5-350.
- Barker, Ernest C., to United States Steel Corp. Strap-tensioning tool. 2,751,939, 9-26-56, Cl. 140-93.6.
- Barker, Ernest C., and S. B. Brouse, to United States Steel Corp. Compression device for packages and bundles. 2,745,337, 5-15-56, Cl. 100-269.
- Barker, Eros V., to The Cobey Corp. Pivotaly-connected draft tongue with selective steering mechanism. 2,734,754, 12-14-56, Cl. 280-103.
- Barker, Geoffrey C., to The National Research Development Corp. Polarographs. 2,766,423, 10-9-56, Cl. 324-31.
- Barker, George E., to Atlas Powder Co. Oil-soluble surface active composition. 2,753,303, 7-3-56, Cl. 252-8.55.
- Barker, George E., to Atlas Powder Co. Hydraulic fluid compositions. 2,753,251, 7-17-56, Cl. 252-79.
- Barker, George E., to Atlas Powder Co. Nonflammable hydraulic fluid. 2,758,976, 8-14-56, Cl. 252-79.
- Barker, George E., to Atlas Powder Co. Low freezing liquid. 2,767,145, 10-16-56, Cl. 252-77.
- Barker, Guy, Jr. Collapsible crossed legs table support. 2,759,740, 8-21-56, Cl. 311-83.
- Barker, Harold C., E. E. Lewis, and W. B. Happpold, Jr., to E. I. du Pont de Nemours and Co. Polyethylene composition. 2,770,608, 11-13-56, Cl. 260-32.6.
- Barker, Harry R., Jr., to Sylvania Electric Products, Inc. Wreath-like luminaire. 2,766,431, 10-9-56, Cl. 333-9.
- Barker, James M., to The Keyes-Davis Co. Spout forming can opener. 2,741,836, 4-17-56, Cl. 30-6.3.
- Barker, John: See—
- Flurschein, Cedric H., Fawdrey, and Barker. 2,766,354.
- Barker, John L., and W. C. Pennell, to Eastern Industries, Inc. Traffic control system. 2,761,119, 8-28-56, Cl. 340-37.
- Barker, Luther P., Jr. Cradle clip for safety hats. 2,769,175, 11-6-56, Cl. 2-3.
- Barker, Maurice E., to the United States of America as represented by the Secretary of War, trustee. Incendiary shell. 2,757,859, 3-13-56, Cl. 102-66.
- Barker, Orrin W.: See—
- Armitage, Joseph B., and Barker. 2,765,711.
- Barker, Orrin W., and J. J. Lenert, to Kearney & Trecker Corp. Transfer machines. 2,749,811, 6-12-56, Cl. 90-15.
- Barker Poultry Equipment Co.: See—
- Barker, Seth S., and Sharp. 2,743,477.
- Sharp, Allen W. 2,759,216.
- Sharp, Allen W., and Crane. 2,739,347.
- Barker, Raymond C. Fishhook guard. 2,775,060, 12-25-56, Cl. 43-37.5.
- Barker, Robert S.: See—
- Hultquist, Martin E., and Barker. 2,748,137.
- Barker, Robert S., and R. H. Ebel, to American Cyanamid Co. Oxidation of mixed tar bases. 2,748,138, 5-29-56, Cl. 260-295.
- Barker, Ronald H., to National Research Development Corp. Pulse code systems. 2,730,676, 1-10-56, Cl. 332-11.
- Barker, Seth S., and A. W. Sharp, to Barker Poultry Equipment Co. Poultry picking machine. 2,743,477, 5-1-56, Cl. 17-11.1.
- Barker, Sidney C. Oil burner tobacco curer. 2,762,361, 9-1-56, Cl. 26-59.3.
- Barker, Sydney W., to Lustrafrl Ltd. Apparatus for treating threads. 2,771,180, 11-20-56, Cl. 203-65.
- Barker, William T., to North American Aviation, Inc. Hollow rivet and expander pin having curved engaging surfaces. 2,751,809, 6-26-56, Cl. 85-40.
- Barkin, Aaron, to Practical Electrical Products, Inc. Thermally controlled vaporizer. Re. 24,196, 8-21-56, Cl. 219-40.
- Barking, Herbert, and C. Eymann. Production of useful combustible gases from caking bituminous fuels. 2,760,855, 8-28-56, Cl. 75-4.
- Barkley, Charles J., to United States Steel Corp. Supporting structure for an open hearth furnace. 2,741,470, 4-10-56, Cl. 263-46.
- Barkley, Charles J., to United States Steel Corp. Burner support for open hearth furnaces. 2,773,682, 12-11-56, Cl. 263-15.
- Barkley & Dexter, Inc.: See—
- Dexter, Robert G. 2,751,222.
- Barkley, Dwight W., to Libbey-Owens-Ford Glass Co. Rear-view mirror assembly. 2,741,156, 4-10-56, Cl. 88-77.
- Barkley, Dwight W., to Libbey-Owens-Ford Glass Co. Rear-view mirror. 2,746,354, 5-22-56, Cl. 88-77.
- Barkley, Lloyd B., to Monsanto Chemical Co. Method for removal of a side chain. 2,749,367, 6-5-56, Cl. 260-586.
- Barkow, Eugene V.: See—
- Ashton, Benjamin N., Barkow, and Von Pessler. 2,753,730.
- Barkow, William H.: See—
- Kratz, Jerrold K., and Barkow. 2,729,759.
- Barkow, William H., to Radio Corp. of America. Cathode ray tube device. 2,761,989, 9-4-56, Cl. 313-70.
- Barkschat, Eric. Resistance therapeutic exercisers. 2,733,065, 1-31-56, Cl. 272-57.
- Barksdale, Edgar W. High speed dental engines. 2,764,815, 10-2-56, Cl. 32-23.
- Barlett, Helen B.: See—
- Schwartzwalder, Karl, and Barlett. 2,760,875.
- Barlow, Benjamin W., to D. Napier & Son Ltd. Bearing and journal assemblies. 2,757,990, 8-7-56, Cl. 308-78.
- Barlow Corp.: The: See—
- Wilson, Edward B. 2,761,979.
- Barlow, Dick S., and G. B. Crofutt, Jr., to Bell Telephone Laboratories, Inc. Translating system. 2,749,387, 6-5-56, Cl. 173-18.
- Barlow, Ernest, to Metropolitan-Vickers Electrical Co. Ltd. Dynamo electric machine cooling. 2,760,091, 8-21-56, Cl. 310-61.
- Barlow, John N.: See—
- Wilson, Robert A., and Barlow. 2,757,603.
- Barlow, Joseph S. Engine induction charge forming an upper cylinder lubricating device. 2,756,558, 2-28-56, Cl. 261-18.
- Barlow, Meyer, to Marsel Mirror and Glass Products, Inc. Collapsible three panel multiview mirror. 2,763,186, 9-18-56, Cl. 89-85.
- Barlow, Ronald: See—
- Tunncliffe, Eustace, and Barlow. 2,732,592.
- Barlow, Thomas E., to International Minerals & Chemical Corp. Refractory composition and method of use. 2,736,660, 2-28-56, Cl. 106-64.
- Barltrop, Albert C.: See—
- Douglas, H., Musgrave, and Barltrop. 2,730,166.
- Barmer, Maschinenfabrik Aktiengesellschaft. See—
- Grein, Hermann. 2,732,142.
- Lenk, Walter. 2,762,533.
- Lenk, Walter. 2,757,453.
- Barnaby, Roland E., to Sperry Rand Corp. Aircraft navigation instrument. 2,737,640, 3-6-56, Cl. 340-27.
- Barnaby, Roland E., and C. T. Morrow, to Sperry Rand Corp. Turn rate measuring instrument. 2,753,173, 7-3-56, Cl. 264-1.
- Barnard, Daniel P., 4th, to Standard Oil Co. Low-temperature starting of gas turbine engines. 2,771,741, 11-27-56, Cl. 60-39.06.
- Barnard, Kenneth N., J. H. Greenblatt, and P. Sullivan, to the Minister of National Defence of her Majesty's Canadian Government. Primary cell using a deposited cathode. 2,774,417, 1-24-56, Cl. 136-100.
- Barnard, Kent R., to Stanolind Oil and Gas Co. Recovery of oil soluble alcohols from hydrocarbon solutions. 2,762,830, 9-11-56, Cl. 260-450.
- Barnard & Leas Mfg. Co., Inc.: See—
- Ronk, George T. 2,742,140.
- Ronk, George T. 2,744,615.
- Barnard, Randolph H., to L. O. F. Glass Fibers Co. Method and apparatus for high frequency preparation of molten glass. 2,747,006, 5-22-56, Cl. 13-6.
- Barneburg, James L.: See—
- Benson, Floyd R., and Barneburg. 2,759,492.
- Barnes, Arthur W., S. S. Dyer, and J. A. Gahan, to Imperial Chemical Industries Ltd. Production of vinyl chloride polymers. 2,771,457, 11-20-56, Cl. 260-29.6.
- Barnes Drill Co.: See—
- Fowler, Leslie L. 2,758,715.
- Barneburg, Donald K. 2,757,488.
- Klein, James B. 2,729,924.
- Klein, James B. 2,751,726.
- Barnes, Frank D. Lead extractor for pipe joints. 2,757,452, 8-7-56, Cl. 30-168.
- Barnes, Frank D., deceased (by W. J. C. Taylor, executor), S. F. Plant, and J. R. Eyre, to International Standard Electric Corp. Coaxial cable joints. 2,758,148, 8-7-56, Cl. 174-22.
- Barnes, Harry M., to General Foods Corp. Treatment of tannin extracts. 2,753,371, 7-3-56, Cl. 260-473.5.
- Barnes, Hugh C.: See—
- Todd, George H., and Barnes. 2,772,960.
- Barnes, James D.: See—
- Sommers, Armiger H., and Barnes. 2,769,819.
- Barnes, James H. Trim and protective member for attachment to an automobile tire and wheel assembly. 2,737,422, 3-6-56, Cl. 301-37.
- Barnes, John V. Overrunning clutch. 2,740,511, 4-3-56, Cl. 192-41.
- Barnes, Julius L. High pressure fluid control valves. 2,738,948, 3-20-56, Cl. 251-205.



- Barnes, Marion D., to Monsanto Chemical Co. Production of soluble phosphates. 2,750,270, 6-12-56, Cl. 71—34.
- Barnes, Marion D., to Monsanto Chemical Co. Fertilizer manufacture. 2,753,252, 7-3-56, Cl. 71—43.
- Barnes, Marion D., to Monsanto Chemical Co. Fertilizer manufacture and uranium recovery. 2,762,698, 9-11-56, Cl. 71—42.
- Barnes, Marion D., and J. P. Lea, to Monsanto Chemical Co. Caking bomb assembly. 2,762,294, 9-11-56, Cl. 100—99.
- Barnes, Marion W., to Universal Oil Products Co. Combustion gas flow restricting member. 2,762,322, 9-11-56, Cl. 110—98.
- Barnes, Preston D. Earthworking machine with automatic leveling means. 2,734,293, 2-14-56, Cl. 37—168.
- Barnes, Ralph G. Safety device. 2,734,932, 2-14-56, Cl. 123—146.5.
- Barnes, Raymond F., H. Diamond, and P. R. Fields, to United States of America as represented by the United States Atomic Energy Commission. Preparation of boric acid esters. 2,739,979, 3-27-56, Cl. 260—462.
- Barnes, Richard C. M., and E. H. Cooke-Yarborough, to National Research Development Corp. Multi-electrode gaseous-discharge tube circuit. 2,753,488, 7-3-56, Cl. 315—64.6.
- Barnes, Richard W., and G. A. Zelinskas. Aid to packing, deployment, and initial inflation of parachutes. 2,749,066, 6-5-56, Cl. 244—148.
- Barnes, Robert B., to American Optical Co. Cathode ray tubes. 2,734,142, 2-7-56, Cl. 313—92.
- Barnes, Robert T., and G. D. Lewis, to United Aircraft Corp. Stirling system for ramjets. 2,747,366, 5-29-56, Cl. 60—39.14.
- Barnes, Russell D. Table game device. 2,754,122, 7-10-56, Cl. 273—37.
- Barnes, Sanford H., to Hughes Aircraft Co. Fused-junction silicon diode. 2,736,847, 2-28-56, Cl. 317—234.
- Barnes, Sanford H., and J. N. Carman, Jr., to Hughes Aircraft Co. Germanium junction-type semiconductor devices. 2,742,383, 4-17-56, Cl. 148—33.
- Barnes, W. P., and John Co. *See*—  
Laxo, Ed., and Werge. 2,757,627.
- Barnes, William A., to Utica Drop Forge & Tool Corp. Adjusting and locking means for slidable jaw wrench. 2,729,999, 1-10-56, Cl. 81—165.
- Barnes, William A., to Utica Drop Forge & Tool Corp. Forging apparatus. 2,736,948, 3-6-56, Cl. 29—35.
- Barnes, William A., to Utica Drop Forge & Tool Corp. Compound grip tool. 2,737,564, 3-6-56, Cl. 219—8.
- Barnes, William A., to Utica Drop Forge & Tool Corp. Compound action grip and work performing tool. 2,745,300, 5-15-56, Cl. 78—82.
- Barnes, William A., to Utica Drop Forge & Tool Corp. Offset grip for split dies and method of making same. 2,772,095, 1-27-56, Cl. 29—57.
- Barnes, William A., and W. J. Rozmus, to Utica Drop Forge & Tool Corp. Power drive and locking mechanism for adjustable jaw wrenches. 2,759,829, 6-19-56, Cl. 81—165.
- Barnes, William A., and D. E. Brown, to Utica Drop Forge & Tool Corp. Impact welding tool. 2,754,704, 7-17-56, Cl. 78—82.
- Barnes, William E., to Sun Oil Co. Wire line jar tool. 2,762,608, 9-11-56, Cl. 255—27.
- Barnett, Arthur R., O. Suter, and A. J. Abs, to Technical Oil Tool Corp. Ltd. Directional inclination recording apparatus. 2,770,787, 11-20-56, Cl. 33—205.5.
- Barnett, Cyril, I. M. Cohn, and J. Lincoln, to British Celanese Ltd. Production of lactams and amides. 2,754,298, 7-10-56, Cl. 260—239.3.
- Barnett, Edward F., to Hewlett-Packard Co. Microwave apparatus for measuring the impedance of waveguide components. 2,756,067, 7-24-56, Cl. 324—58.
- Barnett, Edward J. Measuring and dispensing device. 2,739,741, 3-27-56, Cl. 222—455.
- Barnett, Guy F., to Philco Corp. Method of manufacturing cathode-ray tube screen structures. 2,756,167, 7-24-56, Cl. 117—217.
- Barnier, Harold M. Method for recovering carotene, fiber, and serum from vegetable material. 2,739,145, 3-20-56, Cl. 260—112.
- Barnett, Irvin, to Johns-Manville Corp. Making a dyed flameproof fabric. 2,755,534, 7-24-56, Cl. 28—74.
- Barnett, John O., to American Home Products Corp. Composition for combating malaria and process of making same. 2,762,746, 9-11-56, Cl. 167—65.
- Barnett, Ted. Combination plug-box and belt. 2,765,109, 10-2-56, Cl. 224—5.
- Barney, Arthur L. *See*—  
Abisetti, Charles J., Barney, Cairns, and Winberg. 2,729,622.
- Barney, Arthur L., to E. I. du Pont de Nemours and Co. Quaternary ammonium polymers of the acrylic type. Re. 24,164, 6-12-56, Cl. 260—85.5.
- Barney, Arthur L., to E. I. du Pont de Nemours and Co. Azonitriles containing quaternary ammonium salt groups. 2,744,105, 5-1-56, Cl. 260—192.
- Barney, Arthur L., to E. I. du Pont de Nemours and Co. Vinyloxyalkyl quaternary ammonium copolymers. 2,764,678, 9-11-56, Cl. 260—85.5.
- Barney, Arthur L., to E. I. du Pont de Nemours and Co. Isomerization of  $\Delta^4$ -cyclohexene 1,2-dicarboxylic acid anhydride and esters. 2,764,597, 9-25-56, Cl. 260—346.3.
- Barney, Freeman *See*—  
Lee, James E., and Barney. 2,735,650.
- Barnhardt, Scott B. *See*—  
Mulheim, Joseph E., and Barnhardt. 2,734,359.
- Barnhart, George, to E. I. du Pont de Nemours and Co. Treatment of polychloro copper phthalocyanine. 2,765,319, 10-2-56, Cl. 260—314.5.
- Barnhart, George, and B. F. Skiles, to E. I. du Pont de Nemours & Co. Solvent-soluble, complex, phthalocyanine-yielding compounds. 2,772,284, 11-27-56, Cl. 260—314.5.
- Barnhart, Philip W., to the United States of America as represented by the Secretary of the Navy. Arrangement for producing full-wave output from half-wave magnetic amplifiers. 2,754,474, 7-10-56, Cl. 323—89.
- Barnhart, Robert R., and H. D. Glenn, to United States Rubber Co. Method of stiffening unvulcanized rubber. 2,761,857, 9-4-56, Cl. 260—83.3.
- Barnhart, Vern A. Hollow structural clay building unit. 2,737,801, 3-13-56, Cl. 72—41.
- Barnhart, William S. *See*—  
Mantell, Russell M., and Barnhart. 2,751,375.
- Mantell, Russell M., and Barnhart. 2,774,799.
- Barnhart, William S., to The Firestone Tire & Rubber Co. Process of preparing bromochlorodifluoromethane by reacting chlorodifluoro methane and bromine. 2,731,505, 1-17-56, Cl. 260—663.
- Barnhart, William S., to The M. W. Kellogg Co. Copolymer of tetrachloroethylene and isobutylene and a method of manufacturing same. 2,753,328, 7-3-56, Cl. 260—87.5.
- Barnhart, William S., to The M. W. Kellogg Co. Telomerization with sulfonyl halide and product thereof. 2,770,659, 11-13-56, Cl. 260—653.
- Barnhart, William S., and R. M. Mantell, to The M. W. Kellogg Co. Purification process for fluorine-containing polymers. 2,751,376, 6-19-56, Cl. 260—92.1.
- Barnickel, Arthur K., to Cutler-Hammer, Inc. Supervisory control and fault indicating system. 2,736,009, 2-21-56, Cl. 340—113.
- Barns, Robert E., G. N. Jenkins, and T. B. Wasserbach, to Esso Research and Engineering Co. Process for producing a hydrocarbon fuel. 2,749,225, 6-5-56, Cl. 52—0.5.
- Barnewell, Dorothy J. Article carrying attachments for crutches. 2,750,951, 6-19-56, Cl. 135—47.
- Barocca, Aldo J., to Olin Mathieson Chemical Corp. Electric blasting cap. 2,772,633, 12-4-56, Cl. 102—28.
- Baroch, George F. *See*—  
Frihart, Henry N., and Baroch. 2,734,132.
- Frihart, Henry N., and Baroch. 2,770,724.
- Baron, Abraham L., to S. B. Penick & Co. Bacitracin composition for recovery of bacitracin. 2,774,712, 12-18-56, Cl. 167—65.
- Baron, Charlotte M. Rocking bed structure and synchronized respirator. 2,771,069, 11-20-56, Cl. 128—29.
- Baron, Paul. Liquid metering blending and dispensing valve. 2,740,554, 4-3-56, Cl. 222—133.
- Baron, Raoul, to Onfrigue Electrique Silex S. A., Nationalité Française Industrielle. Armatures of electric motors. 2,756,354, 7-24-56, Cl. 310—43.
- Barone, Robert J. Electric and portable piano. 2,767,607, 10-23-56, Cl. 84—128.
- Baroni, Francis J., Jr. L. Blind for straight openings. 2,771,134, 11-20-56, Cl. 160—115.
- Barr, Andrew R. *See*—  
Hamilton, Harry H., and Barr. 2,759,621.
- Barr, Charles R. *See*—  
Salminen, Ilmari F., and Barr. 2,772,162.
- Barr, Frank T. *See*—  
Jahning, Charles E., and Barr. 2,731,395.
- Martin, Homer Z., and Barr. 2,765,222.
- Martin, Homer Z., Burnside, Barr, and Krebs. 2,763,601.
- Barr, Frank T., J. W. Brown, H. E. W. Burnside, and C. E. Jahning, to Esso Research and Engineering Co. Integrated refining of crude oil. 2,778,017, 12-4-56, Cl. 196—52.
- Barr, Irving S. Hose. 2,753,215, 7-3-56, Cl. 299—104.
- Barr, Le Roy H., to Lear, Inc. Balanced pressure relief valve. 2,755,817, 7-24-56, Cl. 137—536.
- Barr, Malcolm J., to W. H. Allen, P. L. Savage, and C. L. Lapham. Thermal proportional timers. 2,751,240, 1-17-56, Cl. 257—3.
- Barr, Victor L., K. L. Herrmann, and G. A. Henwood, to Roller Bearing Co. of America. Cage type roller bearings and method of assembling rollers therein. 2,765,202, 10-2-56, Cl. 308—212.
- Barr, Victor L., and K. L. Herrmann, to Roller Bearing Co. of America. Roller bearing. 2,765,203, 10-2-56, Cl. 308—212.
- Barr, William E., to Phillips Petroleum Co. Method and apparatus for flash vaporization of vapors from liquids. 2,766,138, 8-28-56, Cl. 196—77.
- Barr, William W., and P. J. Maddox, to Laclede-Christy Co. Furnace wall construction. 2,762,217, 9-11-56, Cl. 72—101.
- Barraclough, R. W. Ltd. *See*—  
Barraclough, Ronald W., and R. W. Barraclough Ltd. Machine for packing articles into containers. 2,738,116, 3-13-56, Cl. 226—16.
- Barraclough, William, and J. Butterfield. Tubes for carrying yarn for weaving from shuttles. 2,767,885, 8-7-56, Cl. 242—161.
- Barron, Charles W., to The American Manikin friction joints. 2,751,709, 6-26-56, Cl. 46—173.
- Barras, Herbert. Riding platform arrangement for wheel-type ditching machine. 2,737,734, 3-13-56, Cl. 37—92.
- Barratt, Jesse, to Scovill Mfg. Co. Snap fastener socket. 2,771,651, 11-27-56, Cl. 24—216.



- Barre, Wade E., Jr., to Sylvania Electric Products Inc. Socket type connector. 2,741,750, 4-10-56, Cl. 359-193.
- Barrell, Robert E., to Westinghouse Electric Corp. Fluid flow responsive apparatus. 2,743,327, 4-24-56, Cl. 200-136.
- Barreire, Maurice, to Societe d'Etudes et de Constructions Aero-Navales. Sectional containers, particularly for aircraft and similar applications. 2,756,893, 7-31-56, Cl. 22-5.
- Barrett, Altina: See—
- Barrett, Eric and A. 2,744,527.
- Barrett, Eric and A. 2,744,528.
- Barrett, Arthur L., to Joy Mfg. Co. Mining machine bit patterns. 2,737,373, 3-8-56, Cl. 262-29.
- Barrett, Arthur L., to Joy Mfg. Co. Auger drill head. 2,749,104, 6-5-56, Cl. 262-26.
- Barrett, Arthur L., to Joy Mfg. Co. Drum type disintegrating feed for continuous miner. 2,751,207, 6-19-56, Cl. 262-26.
- Barrett, Arthur L., to Joy Mfg. Co. Continuous mining apparatus with floor clean-up means. 2,751,209, 6-19-56, Cl. 262-29.
- Barrett, Arthur L., to Joy Mfg. Co. Adjustable limit means for mining disintegrating mechanism. 2,756,038, 7-24-56, Cl. 262-29.
- Barrett, Arthur L., to Joy Mfg. Co. Guides for flexible elements of coal mining apparatus. 2,756,039, 7-24-56, Cl. 262-29.
- Barrett, Arthur L., to Joy Mfg. Co. Floor clean-up mechanism for a continuous miner. 2,760,767, 8-28-56, Cl. 262-26.
- Barrett, David M., to J. E. Barrett. Paddle and ball rack for ball-bat games. 2,767,854, 10-23-56, Cl. 211-13.
- Barrett, David M.: See—
- Stava, Robert J., Reininger and Barrett. 2,767,323.
- Barrett, Edward L. Battery plate and method of making it. 2,739,179, 3-20-56, Cl. 136-33.
- Barrett, Edward L., to D. B. Alexander, E. R. Bourke, H. T. Chamberlain, J. F. Mannion, E. W. Schneider, W. A. Wade, and C. S. Vrtis, not individually, but as trustees of The Arthur J. Schmitt Foundation, a charitable trust. Magnetic annunciator. 2,740,955, 4-8-56, Cl. 340-373.
- Barrett, Edward L. Closure for alkali batteries. 2,755,329, 7-24-56, Cl. 136-178.
- Barrett, Edward L. Battery construction. 2,763,706, 9-18-56, Cl. 136-90.
- Barrett, Edward L., to Gar Wood Industries, Inc. Package hydraulically-operated bulldozer unit for tractor frame mounting. 2,740,213, 4-3-56, Cl. 37-14.
- Barrett, Elliott P., to Baugh and Sons Co. Basic calcium phosphate composition. 2,735,823, 2-21-56, Cl. 252-423.
- Barrett, Elton T. Switching device. 2,741,689, 4-10-56, Cl. 200-1.
- Barrett, Elton T., to The Liquidometer Corp. Liquid level measuring device. 2,741,531, 6-19-56, Cl. 317-249.
- Barrett, Eric, deceased (A. Barrett, administratrix, and A. Barrett. Syringes and syringe mixers. 2,744,527, 5-8-56, Cl. 128-216.
- Barrett, Eric, deceased (A. Barrett, administratrix), and A. Barrett. Hypodermic syringe. 2,744,528, 5-8-56, Cl. 128-216.
- Barrett, Francis T. Disk sharpening machine. 2,742,742, 4-24-56, Cl. 51-173.
- Barrett, Harold G.,  $\frac{1}{2}$  to Nanko C. Bos. Simulated baseball game. 2,749,122, 6-5-56, Cl. 273-89.
- Barrett, Harry B. Hydraulic brake servicing equipment. 2,737,601, 2-13-56, Cl. 226-113.
- Barrett, Harry B. Silencer bands for deadening the sound of the cutting tool in brake drum turning lathes. 2,755,881, 7-24-56, Cl. 181-33.
- Barrett, Harry B. Brake drum gauges. 2,769,241, 11-6-56, Cl. 33-14.
- Barrett, Herbert M., to Phillips Petroleum Co. Drilling fluid additive and methods for using the same. 2,739,940, 3-27-56, Cl. 252-8.5.
- Barrett, Hillard E., and E. A. Gallo, to Curtiss-Wright Corp. Fluid pressure regulator. 2,731,039, 1-17-56, Cl. 138-45.
- Barrett, Hillard E., W. S. Bower, and W. F. Payne, to the United States of America as represented by the Secretary of the Air Force. Combustion chamber assembly for ram jet fuel burner. 2,773,350, 12-11-56, Cl. 60-35.6.
- Barrett, James A., J. A. Whitworth, and F. W. Sisk: said Whitworth and said Sisk assors. to said Barrett. Waste collector for textile machinery. 2,765,495, 10-9-56, Cl. 19-130.
- Barrett, John H. Angle wheel dresser. 2,733,702, 2-7-56, Cl. 125-11.
- Barrett, John L., J. A. L. Latosynski, C. Morris, and A. Frankel, to The English Electric Co. Ltd. Compound gas turbine plant, including simplified ducting arrangements. 2,750,738, 6-19-56, Cl. 60-39.15.
- Barrett, Joseph E.: See—
- Barrett, David J. 2,767,854.
- Barrett, Lawrence D., Jr., and J. R. Dennis, to Westinghouse Electric Corp. Blade structure. 2,775,426, 12-25-56, Cl. 253-71.
- Barrett, Wayne I., and C. S. Shipley,  $\frac{1}{2}$  each to The Atlantic Refining Co., and W. R. Grace & Co. Platinum-containing reforming catalysts. 2,750,329, 6-12-56, Cl. 196-50.
- Barrett, Wayne T., and C. E. Wellink, to W. R. Grace & Co. Method of preparing low soda-content alumina catalyst. 2,774,744, 12-18-56, Cl. 252-465.
- Barrett, William H.: See—
- Enzmann, Ralph, and Barrett. 2,744,492.
- Barrick, L. D.: See—
- Nawiasky, Paul, and Barrick. 2,729,631.
- Barringer, Charles A., B. F. Harvey, J. M. Quattlebaum, and J. D. Sterling, Jr., to E. I. du Pont de Nemours & Co. Process for reacting  $\text{ccl}_4$  with  $\text{ca}_2$  in a fluid bed, and the fluid bed therefor. 2,739,989, 3-27-56, Cl. 260-653.
- Barrington, William F., and W. Skillen, to Somerville Ltd. Cover locking cartons. 2,768,777, 10-30-56, Cl. 229-36.
- Baron, James J., J. J. Dill, and J. H. Hotelling, to Brown & Sharpe Mfg. Co. Loading device for automatic screw and similar machines. 2,746,128, 5-22-56, Cl. 29-93.
- Baron, William A. Detachable back rest. 2,754,891, 7-17-56, Cl. 155-133.
- Barrow, Henry A.: See—
- Clevidence, Lewis G., and Crippen. 2,731,546.
- Barroso, Alberto M. Apparatus for cleaning the evaporators used in the sugar industry. 2,746,535, 5-22-56, Cl. 159-1.
- Barrow, Wesley J.: See—
- Warren, Robert C., and Barrow. 2,764,962.
- Barrows, Robert C., to Westinghouse Electric Corp. Flexible drive. 2,772,546, 12-4-56, Cl. 64-1.
- Barrows, Royal L.: See—
- Dowd, Howard M., and Barrows. 2,739,813.
- Dowd, Howard M., and Barrows. 2,757,000.
- Barrows, Wendell. Electrically conductive coating. 2,747,011, 6-12-56, Cl. 102-43.
- Barry, Arthur J., to Dow Corning Corp. Siloxane-silicate compositions. 2,746,926, 5-22-56, Cl. 252-78.
- Barry Controls Inc.: See—
- Crede, Charles E. 2,739,774.
- Cunningham, Clinton L. 2,733,615.
- Markowski, Edwin P., and Symonds. 2,744,718.
- Barry, Frederic N.: See—
- Walker, Robert M., Barry, and Hogue. 2,764,680.
- Barry, Joseph F., to Bell Telephone Laboratories, Inc. Point contact translators. 2,753,495, 7-3-56, Cl. 317-235.
- Barry, Joseph F., to Bell Telephone Laboratories, Inc. Portable hoist mechanism. 2,768,757, 10-30-56, Cl. 214-75.
- Barry, Richard H., S. M. Wang, and L. A. Walter, to Wallace & Tiernan Inc. Mercurial diuretics and method of preparation thereof. 2,749,339, 6-5-56, Cl. 260-242.
- Barry-Wehmiller Machinery Co.: See—
- Harold, James L., and Nelson. 2,731,128.
- Vamvakas, Michael, and Dungfelder. 2,738,866.
- Vamvakas, Michael, and Dungfelder. 2,765,897.
- Barsel, Norman: See—
- Fleischhaker, Desider, and Barsel. 2,774,711.
- Barski, Julius.: See—
- Barth, Everhard H. B., and Barski. 2,758,482.
- Barski, Julius J., and H. D. Lathrop, to The Lathrop-Paulson Co. Belt drive. 2,741,133, 4-10-56, Cl. 74-216.5.
- Barsky, George. Method of making cyanohydrins. 2,731,490, 1-17-56, Cl. 260-465.6.
- Baron, Alfred J., C. Clinton E. C. Maas, to Shell Development Co. Oil-soluble sodium hydrocarbyl phenates as color stabilizers for mineral lubricating oils. 2,768,140, 10-23-56, Cl. 252-42.7.
- Barta, Joseph F. Rotatable work piece support and clamp. 2,732,868, 1-31-56, Cl. 144-288.
- Bartel, Everhard H. B., to Automatic Electric Laboratories, Inc. Control terminal for mobile radio telephone systems. 2,737,578, 3-6-56, Cl. 250-6.
- Bartelink, Everhard H. B., to the United States of America, as represented by the Secretary of the Navy. Radio echo detection system. 2,745,097, 5-8-56, Cl. 343-11.
- Bartelink, Everhard H. B., to the United States of America as represented by the Secretary of the Navy. Radar system. 2,756,417, 7-24-56, Cl. 343-11.
- Bartelink, Jan A., to Nationaal Luchtvaartlaboratorium. Electronic flowmeter. 2,767,582, 10-23-56, Cl. 73-231.
- Bartels, Alfred F. A., and P. F. W. Jobmann, to Nordischer Maschinenbau Rtt. Bader. Method of preparing finless fish fillets. 2,771,633, 11-27-56, Cl. 17-45.
- Bartels, Charles R., B. Berk, and W. L. Bryan, to Olin Mathieson Chemical Corp. Process for the purification of streptomycin. 2,765,302, 10-2-56, Cl. 260-210.
- Bartels, Henning G. Foldable pads. 2,754,869, 7-17-56, Cl. 150-1.
- Bartelt, Donald E.: See—
- Bartelt, Harold L. 2,734,431.
- Bartelt, Harold L. 2,737,278.
- Bartelt Engineering Co.: See—
- Harker, Charles B. 2,732,989.
- Harker, Charles B. 2,742,215.
- Harker, Charles B. 2,745,583.
- Harker, Charles B. 2,762,273.
- Johnson, Kenneth R. 2,738,187.
- Bartelt, Harold L.,  $\frac{1}{2}$  to D. E. Bartelt. Machine for making window bars. 2,734,431, 2-14-56, Cl. 93-8.
- Bartelt, Harold L.,  $\frac{1}{2}$  to D. E. Bartelt. Drive mechanism. 2,737,278, 3-6-56, Cl. 192-145.
- Bartelt, John E., to International Business Machines Corp. End of record detector. 2,739,238, 3-20-56, Cl. 250-27.
- Barth, Otto F. E.: See—
- Izagopian, Vahan, Barth, and Wilkins. 2,766,161.
- Barth, Elmer J., and C. J. Gustafson, to Dana Corp. Air assist gear shift. 2,763,159, 9-18-56, Cl. 74-335.
- Barth, Harry J.: See—
- Sader, Harry F., Barth, and Ambrose. 2,770,808.
- Barth, Otto F. E., to Hognais-Billesbollen Aktiebolag. Method for gaining vanadium values from vanadium containing iron ores. 2,771,341, 11-20-56, Cl. 23-51.
- Barth, Robert M., to The FR Corp. Method for unwinding film strip. 2,742,239, 4-17-56, Cl. 242-55.

- Barth, Robert M., to Price-Driscoll Corp. Combined line storage and control device. 2,765,128, 10-2-56, Cl. 242-96.
- Barth, Wilhelm: *See—*
- Hobein, Herbert, Barth, Cumbriegel, Klein, and Nothelfer. 2,767,443.
- Bartha, Stephen J., to Automatic Electric Laboratories, Inc. Carrier system splash ring signal. 2,735,898, 2-21-56, Cl. 179-84.
- Barthel, Donald R.: *See—*
- Foley, William V., and Barthel. 2,756,419.
- Barthel, Eric Jr., to E. L. du Pont de Nemours and Co. Substituted di(isocyanatophenyl) ureas. 2,757,185, 7-31-56, Cl. 260-453.
- Barthel, Julius A. Attachment for welding machines. 2,773,170, 12-4-56, Cl. 219-131.
- Barthelmess, Hermann.
- Hinske, Josef, Barthelmess, and Meyer. 2,756,689.
- Barthenheier, Jakob: *See—*
- Neugebauer, Wilhelm, and Barthenheier. 2,739,889.
- Barthod, Edouard. Multiple-action high pressure ejecting device. 2,754,153, 7-10-56, Cl. 299-140.
- Bartholome, Bernard C. Shirt package board. 2,743,045, 4-24-56, Cl. 223-71.
- Bartholomé, Ernst, E. Lehrer, and L. Lorenz, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Separation of acetylene from gaseous mixtures. 2,738,859, 3-20-56, Cl. 183-115.
- Bartholomew, Richard N.: *See—*
- Anderson, Henry W., Warren, and Bartholomew. 2,738,326.
- Bartleson, John D.: *See—*
- Alford, Harvey E., and Bartleson. 2,766,206.
- Paris, Robert B., Jr., and Bartleson. 2,729,970.
- Bartleson, John D., to The Standard Oil Co. Method of minimizing the octane demand of an engine. 2,751,285, 6-19-56, Cl. 44-76.
- Bartleson, John D., to The Standard Oil Co. Treatment of lubricants with potassium hydroxide and products. 2,773,034, 12-4-56, Cl. 252-32.7.
- Bartleson, John D., and H. E. Alford, to The Standard Oil Co. Odor stabilized lubricating oil additives. 2,744,068, 5-1-56, Cl. 252-32.7.
- Bartleson, John D., and M. L. Christoph, to The Standard Oil Co. Lubricant compositions and treatment. 2,773,033, 12-4-56, Cl. 252-32.7.
- Bartlett, C. O., and Snow Co., The: *See—*
- McCreery, Edward P. 2,754,827.
- Bartlett, Edwin S., to Sunbeam Corp. Portable shearing machine. 2,741,136, 4-10-56, Cl. 74-228.
- Bartlett, Ernest, to The Standard Oil Co. Shale separator. 2,733,813, 2-7-56, Cl. 209-270.
- Bartlett, Harold W., to California Packing Corp. Photoelectric voltage regulator. 2,749,501, 6-5-56, Cl. 323-21.
- Bartlett, Harold W., to California Packing Corp. Comestible sorting apparatus. 2,773,596, 12-11-56, Cl. 209-111.
- Bartlett, Jeffrey H.: *See—*
- Cross, Thomas, Jr., and Bartlett. 2,733,235.
- Matuszak, Alfred H., Bartlett, and Morway. 2,757,139.
- Morway, Arnold J., and Bartlett. 2,754,268.
- Bartlett, Jeffrey H., D. I. Cottle, and H. C. De Hoff, to Esso Research and Engineering Co. Penetrating oil composition. 2,758,068, 8-7-56, Cl. 252-45.
- Bartlett, Joe H.: *See—*
- Bartlett, Ernest E. 2,733,813.
- Bartlett, John S.: *See—*
- Martin, Rex K., and Bartlett. 2,769,269.
- Bartlett, Kenneth M., to Thompson Products, Inc. Method of making shell mold components. 2,736,077, 2-28-56, Cl. 22-193.
- Bartlett, Kenneth M., to Thompson Products, Inc. Valve seat insert. 2,753,859, 7-10-56, Cl. 123-188.
- Bartlett, Lawrence D., to Fluid pressure operated dispenser. 2,753,080, 7-3-56, Cl. 222-82.
- Bartlett, Lawrence E., to Allis-Chalmers Mfg. Co. Crepe paper insulating elements. 2,754,355, 7-10-56, Cl. 174-209.
- Bartlett, Lawrence E., O. M. Olivier, and H. J. Schumacker, to Allis-Chalmers Mfg. Co. Lifter lug on blade of movable contact. 2,751,447, 6-19-56, Cl. 200-14.
- Bartlett, Paul D., to Columbia-Southern Chemical Corp. Production of benzene hexachloride. 2,733,276, 1-31-56, Cl. 260-648.
- Bartlett, Richard J., and R. W. Hompe, to Geo. J. Meyer Mfg. Co. Device for applying bands to containers. 2,751,735, 6-26-56, Cl. 53-292.
- Bartletti, John E. Fishing rods. 2,735,208, 2-21-56, Cl. 43-24.
- Barley, Lewis D. Machine for adhesively assembling screw threaded parts. 2,755,840, 7-24-56, Cl. 154-1.8.
- Bartley, Samuel C., to Electric lamp. 2,743,388, 4-24-56, Cl. 313-317.
- Bartman, John. Auxiliary seat for barber chairs. 2,743,766, 5-1-56, Cl. 155-132.
- Bartman, William H.: *See—*
- Turner, James F., and Bartman. 2,752,756.
- Barto, Isaac S. Cutter blade holder during sharpening thereof. 2,761,260, 9-4-56, Cl. 51-224.
- Bartolett, William H.: *See—*
- Fischer, Frederick K., and Bartolett. 2,749,776.
- Barton, Alfred P.: *See—*
- Talalay, Anselm, and Barton. 2,755,215.
- Barton, Daniel M.: *See—*
- Schoeffel, Eugene W., and Barton. 2,760,992.
- Schoeffel, Eugene W., and Barton. 2,774,665.
- Barton, Daniel M., and E. W. Schoeffel, to Sterling Drug, Inc. Ammonia-sulfur dioxide cooking acid regeneration. 2,752,243, 6-26-56, Cl. 92-2.
- Barton, Daniel M., and E. W. Schoeffel, to Sterling Drug, Inc. Recovery of cooking liquor from spent soda pulping liquors. 2,774,666, 12-18-56, Cl. 92-2.
- Barton, David W., and J. C. Bassie, to Ford Motor Co. Turbine governor. 2,741,256, 4-10-56, Cl. 137-56.
- Barton, Derek H. R.: *See—*
- Hunt, John S., Walker, and Barton. 2,751,398.
- Barton, Donald E., and L. J. Spaeth, to Chicago Railway Equipment Co. Brake beam safety guard and guide structure. 2,729,311, 1-3-56, Cl. 188-210.
- Barton, Edwin C.: *See—*
- Borg, Gustave A., and Barton. 2,731,242.
- Barton Foundation, The: *See—*
- Barton, Richard E. 2,756,742.
- Barton, Frank W. Brake band with removable lining. 2,741,339, 4-10-56, Cl. 189-249.
- Barton, George C., to United Shoe Machinery Corp. Toe lasting machines. 2,758,323, 8-14-56, Cl. 12-8.2.
- Barn, Gerald W. Protective cover for surfaces at sinks. 2,762,062, 9-11-56, Cl. 4-189.
- Barton, Loy E.: *See—*
- Law, Russell R., Johnson, Giacioletto, and Barton. 2,750,507.
- Barton, Loy E., to the United States of America as represented by the Secretary of the Navy. Cylinder tuning of cavity. 2,745,070, 5-8-56, Cl. 333-82.
- Barton, Loy E., to Radio Corp. of America. Self-biasing semi-conductor amplifier circuits and the like. 2,761,916, 8-4-56, Cl. 179-171.
- Barton, Loy E., to Radio Corp. of America. Transistor receiver oscillator injection using capacitance between stators of gang capacitor. 2,764,674, 9-25-56, Cl. 250-20.
- Barton, Richard T., to The Barton Foundation. Endotracheal tongue blade with tube guide. 2,756,742, 7-31-56, Cl. 183-55.
- Barton, Robert P. Nut hulling machine. 2,747,632, 5-29-56, Cl. 146-8.
- Bartow Beacons, Inc.: *See—*
- Bartow, John B., and J. A., and MacLaughlin. 2,741,710.
- Bartow, John B., and MacLaughlin. 2,730,566.
- Bartow, Jack A.: *See—*
- Bartow, John B., and J. A., and MacLaughlin. 2,741,710.
- Bartow, John B., and G. D. MacLaughlin, Jr., to Bartow Beacons, Inc. Method and apparatus for X-ray fluorescence. 2,730,566, 1-10-56, Cl. 178-6.5.
- Bartow, John B., and J. A., and G. D. MacLaughlin, Jr., to Bartow Beacons, Inc. Directivity control of X-rays. 2,741,710, 4-10-56, Cl. 250-105.
- Bartsch, Carroll A.: *See—*
- Jessey, Marvin E., and Bartsch. 2,766,414.
- Baruch, Jordan J., to Bolt Beranek and Newman Inc. Acoustic absorber. 2,759,554, 8-21-56, Cl. 181-33.
- Baruch, Jordan J., to Bolt Beranek and Newman Inc. Acoustic method and system. 2,759,553, 8-21-56, Cl. 181-50.
- Baruch, Jordan J., to Bolt Beranek and Newman Inc. Acoustic method and system. 2,759,556, 8-21-56, Cl. 181-50.
- Baruch, Jordan J., and H. C. Lang, to Research Corp. Loud-speaker system. 2,766,839, 10-16-56, Cl. 181-31.
- Barusch, Maurice R., and R. Y. Mixer, to California Research Corp. Diesel fuel oil. 2,763,537, 9-18-56, Cl. 44-57.
- Basch, Walter M., to Esso Research and Engineering Co. Liquid-lubed treating process. 2,733,187, 1-31-56, Cl. 196-14.42.
- Basch, Walter M., and H. J. Zoeller, to Esso Research and Engineering Co. Method for removing water from liquid organic compositions. 2,733,218, 1-31-56, Cl. 252-344.
- Bascher, Francisco. Automatic transmission and speed changing mechanism. 2,763,165, 9-18-56, Cl. 74-752.
- Basci, Joseph. Controls for heating burners. 2,740,863, 4-3-56, Cl. 200-124.
- Basdekis, Costas H., to The Chemstrand Corp. Polymerization method for acrylonitrile-vinylpyridine copolymers. 2,732,364, 1-24-56, Cl. 260-45.5.
- Basdekis, Costas H., to The Chemstrand Corp. Method of preparing dyeable copolymers. 2,775,567, 12-25-56, Cl. 260-29.6.
- Baselt, Walter H., to American Steel Foundries. Rotor brake. 2,751,047, 6-19-56, Cl. 188-59.
- Basfer, Albert R. License plate mounts. 2,760,811, 8-28-56, Cl. 296-1.
- Bash, Irwin J., and C. Ross; said Bash assor. to said Ross. Food supplements and process of preparing the same. 2,764,485, 9-25-56, Cl. 99-11.
- Bash, Irwin J., H. J. Nash, Jr., and C. D. Nash. Paper folding machine inserter attachment. 2,764,406, 9-25-56, Cl. 270-45.
- Basham, Raymond B., and W. J. Parrish. Line inserting device. 2,748,870, 6-5-56, Cl. 166-77.
- Bashe, Charles J., to International Business Machines Corp. Ring checking circuit. 2,769,971, 11-6-56, Cl. 340-213.
- Bashford, Leslie A., to Courtaulds Ltd. Process for the recovery of dimethyl nitrosamine from its aqueous solutions. 2,754,329, 7-10-56, Cl. 260-583.
- Bashin, Saul. Machine for marking hems of skirts and coats. 2,750,673, 6-19-56, Cl. 33-10.
- Bashour, Joseph T., to Stauffer Chemical Co. Asymmetric tertiary alkyl trithiocarbonates. 2,731,487, 1-17-56, Cl. 260-455.



- Bashour, Joseph T., to Stauffer Chemical Co. Rhodanines. 2,743,211, 4-24-56, Cl. 167-33.
- Bashuk, Peter. Lining machine. 2,737,228, 3-6-56, Cl. 31.
- Basic Inc.: *See*—
- Paylish, Arnold E. 2,745,759.
- Basic, John: *See*—
- Kostka, August and G. 2,759,762.
- Basic Vegetable Products, Inc.: *See*—
- Odnie, Ernest D. 2,706,794.
- Baskerville, Ralph J., to General Electric Co. Circuit breaker operating mechanism. 2,756,806, 7-24-56, Cl. 200-169.
- Baskin, Robert F., and A. D. Brown, Jr., to Clevite Corp. D. C. amplifier. 2,758,160, 8-7-56, Cl. 179-171.
- Bass, Hermann. Method for the production of hard fiberboards. 2,757,583, 8-7-56, Cl. 92-61.
- Bass, Alice M.: *See*—
- Bass, Harvey G., Sr. 2,770,252.
- Bass, Charles S. Agricultural disc sharpener. 2,770,986, 11-20-56, Cl. 76-89.2.
- Bass, Donald E., to Balsa Processing Co., Inc. Wood slicing machine. 2,760,533, 8-28-56, Cl. 144-162.
- Bass, George H. Bulletin board word elements. 2,746,189, 5-22-56, Cl. 40-143.
- Bass, Harvey G., Sr., to A. M. Bass. Gas pressure reduction reactor. 2,770,252, 11-13-56, Cl. 137-305.12.
- Bass, Mary R. Artificial limb extension. 2,736,902, 3-6-56, Cl. 3-4.
- Bass, Walter A. Billfolds. 2,737,991, 3-13-56, Cl. 150-38.
- Bass, Wilfred M. Roller fish net. 2,744,350, 5-8-56, Cl. 43-9.
- Bassett, Calvin P.: *See*—
- Ashe, Neil W., Huskey, McNaughton, and Bassett. 2,744,669.
- Bassett, Cecil E., and C. B. Bradfield, to Schuykill Products Co., Inc. Apparatus for refining lead scrap. 2,770,374, 11-21-56, Cl. 214-16.
- Bassett, Kenneth S.: *See*—
- Jones, Don F., and Bassett. 2,749,904.
- Bassett, William E. Nail clipper. 2,738,795, 3-20-56, Cl. 132-75.5.
- Bassett, William E. Nail clipper. 2,739,379, 3-27-56, Cl. 30-28.
- Bassick Co., The: *See*—
- Claud-Mantle, Arthur. 2,751,240.
- Kramcsak, Michael, Jr. 2,735,131.
- Kramcsak, Michael, Jr. 2,738,540.
- Kramcsak, Michael, Jr. 2,743,971.
- Kramcsak, Michael, Jr. 2,748,419.
- Kramcsak, Michael, Jr. 2,750,619.
- Kramcsak, Michael, Jr. 2,757,407.
- Bassie, Jack C.: *See*—
- Barton, David W., and Bassie. 2,741,256.
- Bassinger, Ross. Fluid actuated impact tool. 2,756,723, 7-31-56, Cl. 121-30.
- Bassinger, Ross. Fluid actuated impact tool. 2,756,966, 7-31-56, Cl. 255-4.4.
- Bassinger, Ross. Percussion tools for wells. 2,758,817, 8-14-56, Cl. 255-4.4.
- Bassinger, Ross. Fluid actuated impact tool. 2,764,130, 9-25-56, Cl. 121-16.
- Basso, Arthur J.: *See*—
- O'Neill, Robert C., and Basso. 2,731,383.
- O'Neill, Robert C., and Basso. 2,731,384.
- O'Neill, Robert C., and Basso. 2,731,385.
- O'Neill, Robert C., Basso, and Foster. 2,755,285.
- O'Neill, Robert C., and Basso. 2,762,742.
- Basso, Arthur J., and R. C. O'Neill, to Merck & Co., Inc. Pyrimidine substituted urea complexes and processes for preparing the same. 2,731,382, 1-17-56, Cl. 167-33.1.
- Basso, Arthur J., and R. C. O'Neill, to Merck & Co., Inc. 1-phenyl-3-(3-ascarbyl) urea compositions for the treatment of coccidiosis and method for preparing the same. 2,762,743, 9-11-56, Cl. 167-63.1.
- Bast, Nathan G., to N. F. Testor. Toy airplane construction. 2,770,072, 11-13-56, Cl. 46-17.
- Basten, Albert T.: *See*—
- Fontein, Preerk J., and Basten. 2,748,941.
- Bastian, Raymond E., to The Firestone Tire & Rubber Co. Apparatus for engraving positive tire tread models. 2,754,726, 7-17-56, Cl. 90-13.1.
- Bastin, Edgar J.: *See*—
- Stava, Robert J., and Bastin. 2,749,445.
- Bastow, Wendell R., to Raytheon Mfg. Co. Automatic frequency-control circuits. 2,730,616, 1-10-56, Cl. 250-20.
- Batchelder, Charles F., Jr.: *See*—
- Lord, Francis L. 2,758,626.
- Batchelder, James W. Thread rolling tool. 2,771,799, 11-27-56, Cl. 80-8.
- Batcheller, Hugh W., to Ark-Les Switch Corp. Electrical connector member with a central longitudinal strip having a supported free end. 2,738,485, 3-13-56, Cl. 339-258.
- Batcheller, Hugh W., to Ark-Les Switch Corp. Electric connector. 2,739,294, 3-20-56, Cl. 339-256.
- Batcheller, Hugh W., to Kent Mfg. Corp. Female member of electrical connector of the spade type. 2,742,476, 4-17-56, Cl. 339-256.
- Batcheller, Hugh W., to Kent Mfg. Corp. Connector member with resilient center. 2,747,170, 5-23-56, Cl. 339-258.
- Batcheller, Hugh W., to Ark-Les Switch Corp. Electrical connector member with spring tongue. 2,759,165, 8-14-56, Cl. 339-256.
- Batcheller, Hugh W., to Ark-Les Switch Corp. Electric connectors. 2,762,029, 9-4-56, Cl. 339-256.
- Batcheller, Hugh W., to Kent Mfg. Corp. Connector member with split floor. 2,770,790, 11-13-56, Cl. 339-256.
- Batcheller, Hugh W., to Kent Mfg. Corp. Electric connector member with opposed bottom flaps. 2,770,791, 11-13-56, Cl. 339-258.
- Batcheller, Hugh W., to Kent Mfg. Corp. Electric connector member and method of making the same. 2,770,792, 11-13-56, Cl. 339-258.
- Batcheller, Hugh W., to Kent Mfg. Corp. Electric connector member with marginal slits. 2,774,055, 12-11-56, Cl. 339-258.
- Batcheller, Hugh W., to Kent Mfg. Corp. Connector member with curved flange extensions. 2,774,952, 12-18-56, Cl. 339-258.
- Batchelor, Joseph B., Jr., to W. R. Schum. Method for reactivating cathode ray tubes. 2,774,645, 12-18-56, Cl. 316-2.
- Batchelor, Robert L. Determination of butterfat content of milk products. 2,752,815, 7-3-56, Cl. 88-14.
- Bateman, Coates F., to The Wayne Pump Co. Combined pump and motor assembly for liquid dispensing apparatus. 2,762,306, 9-11-56, Cl. 103-42.
- Bateman, John T., to General Electric Co. Control valve for reversible refrigerating system. 2,768,509, 10-30-56, Cl. 69.
- Baten, Bessie M. Diaper. 2,739,594, 3-27-56, Cl. 128-284.
- Bates, Beulah H.: *See*—
- Bates, Walter A., Sr., and W. A. Bates, Jr. 2,760,416.
- Bates, C. J., & Son. *See*—
- Lanzi, Jesse M. 2,739,700.
- Bates, Edmund E. Cooler for drinking glasses and the like. 2,740,545, 4-3-56, Cl. 215-100.5.
- Bates, Harold, J. W. Fisher, and E. J. Upton, to British Celanese Ltd. Pressure reactor. 2,739,879, 3-27-56, Cl. 23-285.
- Bates, Harold, C. W. Sammons, and J. W. Fisher, to British Celanese Ltd. Manufacture and use of cellulose esters. 2,775,529, 12-25-56, Cl. 106-163.
- Bates, Harold, J. W. Fisher, and J. R. Smith, to British Celanese Ltd. Ripening cellulose esters in solution. 2,775,585, 12-25-56, Cl. 260-230.
- Batek, Lawrence G., to Continental Say-When Corp. Universal liquid dispenser. 2,771,226, 11-20-56, Cl. 222-401.
- Bates Mfg. Co.: *See*—
- Brant, Joseph H. 2,745,240.
- Delaney, Robert B. 2,769,463.
- Mills, George L. 2,741,270.
- Feldner, Peter F. 2,769,497.
- Robbins, Chandler, II, and Mills. 2,741,824.
- Bates, Norman H. Locking electric plug. 2,750,570, 6-12-56, Cl. 339-74.
- Bates, Robert W., C. J. Davis, Jr., and C. E. Morris, to Swift & Co. Process for the production of molecularly modified lard. 2,751,034, 6-19-56, Cl. 99-118.
- Bates, Richard B.: *See*—
- Trinity, Joseph B., and Bates. 2,748,875.
- Bates, Walter A., Jr.: *See*—
- Bates, Walter A., Sr., and W. A. Bates, Jr. 2,760,416.
- Bates, Walter A., Sr., and W. A. Bates, Jr., to B. H. Bates. Grate construction. 2,760,416, 8-28-56, Cl. 94-5.
- Batezell, Alfred P., and A. J. Grandy. Method of splicing insulated conductor. 2,730,473, 1-10-56, Cl. 154-22.2.
- Bath Iron Works Corp.: *See*—
- Kelper, Edwin H. 2,736,503.
- Kelper, Edwin H. 2,750,123.
- West, Woodrow W. 2,767,929.
- Batorski, Edward J., to The Cleveland Hobbing Machine Co. Hobbing machine. 2,773,428, 12-11-56, Cl. 90-4.
- Batson-Cook Co.: *See*—
- Smith, Jesse G. 2,730,413.
- Battaglia, Eugene P., and C. Miller. Toy hobby horse. 2,770,463, 11-13-56, Cl. 280-1195.
- Battarra, Alberto: *See*—
- Battarra, Arnoldo, Maveri, Melloni, and Frigeri. 2,773,740.
- Battarra, Arnoldo, deceased (by M. E. Battarra, heir and guardian ad litem, Battarra, heir, and M. E. Maveri, A. Melloni, and L. Frigeri, to Montecatini, Societa Generale per l'Industria Mineraria e Chimica. Process and apparatus for the continuous production of aqueous solutions of sodium hydrosulfite from sodium amalgam and gaseous SO<sub>2</sub>). 2,773,740, 12-11-56, Cl. 23-116.
- Battarra, Marie E.: *See*—
- Battarra, Arnoldo, Maveri, Melloni, and Frigeri. 2,773,740.
- Battelle Development Corp., The: *See*—
- Bennett, John E. 2,737,507.
- Brittain, John O., and Frost. 2,739,887.
- Carlson, Chester F. 2,761,416.
- Cocks, George G., and Schwartz. 2,739,507.
- Finlay, Alexander, Jr., Hecox, and Thompson. 2,773,951.
- Happe, Ralph A. 2,734,817.
- Kraus, John D. 2,732,551.
- Slyh, John A., Lynch, and Runck. 2,749,254.
- Sims, Chester T. 2,749,280.
- Todd, Francis C., and Wyler. 2,744,073.
- Batten, Frederick J. R.: *See*—
- Leslie, Philip, and Batten. 2,745,140.
- Batten, Webster R., and D. Hadden, to Geo. D. Roper Corp. Dual pump drive with overrunning clutches. 2,775,204, 12-25-56, Cl. 103-11.



- Battenfeld Grease & Oil Corp.: *See*—  
Boner, Charles J., and Breed. 2,753,364.
- Battery, Alexander J., and J. Green, to Auburn Spark Plug Co., Inc. Spark plug terminal connector. 2,762,021, 9-4-56, Cl. 339-26.
- Battery, Alfred P., to R. Hoe & Co. Inc. Apparatus to maintain the top of a pile of sheets at a sensibly constant height. 2,746,733, 5-22-56, Cl. 271-13.
- Battery, Alfred P., to R. Hoe & Co., Inc. Pneumatic sheet-tacking apparatus. 2,749,119, 6-5-56, Cl. 271-26.
- Battin, Harold T. Unitary tube valve and cap. 2,749,931, 6-12-56, Cl. 137-233.
- Battista, Orlando A., and G. G. Whytlaw, to American Viscose Corp. Shrinkable paper wrappers for filamentary packages. 2,738,060, 3-13-56, Cl. 206-64.
- Batkie, Willie, to F. Ritter & Sohn. Lemon slice squeezers. 2,735,360, 2-21-56, Cl. 100-234.
- Battle, Norman, and P. B. Smith, to Rolls-Royce Ltd. Protective devices. 2,758,029, 13-56, Cl. 133-62.
- Battle, Richard, and R. E. Donner, to Douglas Aircraft Co., Inc. Solvent proof marking for conduits. 2,745,436, 5-15-56, Cl. 138-47.
- Battle Creek Packaging Machines, Inc.: *See*—  
Smith, John W. 2,730,359.
- Batts, Carl T. Pilot controlled valves. 2,761,470, 9-4-56, Cl. 137-620.
- Batts, Harvey J.: *See*—  
Iknayan, Alfred N., Peterson, and Batts. 2,756,801.
- Iknayan, Alfred N., Peterson, and Batts. 2,771,936.
- Peterson, Lester, and Batts. 2,734,039.
- Peterson, Lester C., Mulbarger, and Batts. 2,760,542.
- Schaefer, William E., Batts, and Bradford. 2,749,323.
- Batts, Harvey J., and T. G. Delang, to United States Rubber Co. Acceleration of the dimethylol phenol of butyl rubber by means of polychloroprene. 2,734,877, 2-14-56, Cl. 280-19.
- Batty, Granville, to Sir James Farmer Norton & Co., Ltd. Swaging machine. 2,734,404, 2-14-56, Cl. 78-21.
- Batz, George C. Machine for forming and heat treating metal articles. 2,744,746, 5-8-56, Cl. 266-6.
- Bates, William, and W. Dale, to Radio Corp. of America. Indirectly heated cathode structure and method of assembly. 2,753,480, 7-3-56, Cl. 313-340.
- Baudat, Andre A.: *See*—  
Swenson, Harvey F., Baudat, and Ryder. 2,746,730.
- Baue, John, to Allis-Chalmers Mfg. Co. Synchronous motor control system employing a dual control thermal relay and zero speed switch coordinated with circuit breaker. 2,740,929, 4-3-56, Cl. 318-170.
- Bauder, Josef: *See*—  
Wistenezy, Herbert, Bauder, and Stabenau. 2,772,878.
- Baudr, Paul, to Triumph Bekleidungs u. Textilwerke G. m. b. H. Adjustable fastening device particularly adapted for adjustably securing together two ends of a garment. 2,738,509, 3-20-56, Cl. 2-42.
- Baudin, Charles, to Compagnie des Freins et Signaux Westinghouse. Lubrication apparatus for air compressors. 2,753,014, 7-3-56, Cl. 184-105.
- Baudoin, Chester C., and Wright, Kenneth H., and Baudoin. 2,733,952.
- Baudou, Antoine J. G. Device for the manufacture of molded rubber boots and similar articles. 2,750,629, 6-19-56, Cl. 1-15.
- Baudry, René A., to Westinghouse Electric Corp. Turbine-generator ventilation. 2,763,794, 9-18-56, Cl. 310-55.
- Baudry, René A., and P. R. Heller, to Westinghouse Electric Corp. Booster-fan rotor-ventilation. 2,752,515, 6-26-56, Cl. 310-55.
- Bauer, Alfred F., and C. Pack, to National Lead Co. Ejection mechanism for metal forming presses. 2,759,380, 8-21-56, Cl. 78-18.
- Bauer, Alois, and L. Bulla. Noncloggable dispenser. 2,729,363, 1-3-56, Cl. 222-189.
- Bauer, Andrew, to Radio Corp. of America. Methods of mounting metal cones for cathode ray tubes. 2,752,675, 7-3-56, Cl. 29-535.
- Bauer, Anna M.: *See*—  
Bauer, Fred R. 2,774,209.
- Bayer, Benjamin B. Photometric apparatus. 2,732,737, 1-31-56, Cl. 88-23.
- Bayer, Benjamin B., to Shure Brothers, Inc. Phonograph translating device. 2,752,428, 6-26-56, Cl. 179-100.41.
- Bayer, Benjamin B., to Shure Brothers Inc. Mechanical damping means for the diaphragms of microphones, speakers, and the like. 2,774,438, 12-18-56, Cl. 181-31.
- Bayer, Benjamin B., and L. Gutter, Jr., to Shure Brothers, Inc. Head construction for magnetic recorders and reproducers. 2,744,165, 5-1-56, Cl. 179-100.2.
- Bauer, Carl. Crop dusting machines. 2,743,549, 5-1-56, Cl. 43-148.
- Bauer, Carl W. Snapping rolls having trash removing means. 2,751,743, 6-2-56, Cl. 56-104.
- Bauer, David M. Can openers. 2,751,678, 6-26-56, Cl. 30-6.1.
- Bauer, Donald J. Plow attachment. 2,733,647, 2-7-56, Cl. 97-211.
- Bauer, Edwin. Process of determining degree of milling of flour and apparatus for same. 2,749,796, 6-12-56, Cl. 88-14.
- Bauer, Ernest K., to American Viscose Corp. Portable cap spinning unit with hydraulic traverse. 2,749,056, 6-5-56, Cl. 242-43.4.
- Bauer, Ernest K., to American Viscose Corp. Yarn tension device. 2,756,481, 7-31-56, Cl. 28-35.
- Bauer, Eugen, G. m. b. H.: *See*—  
Veit, Karl. 2,754,723.
- Bauer, Eugene C. Jr., to Kensington Steel Co. Link for tractor rails. 2,743,140, 4-24-56, Cl. 305-10.
- Bauer, Eugene E.: *See*—  
Abitz, Franz, Robert H., and Bauer. 2,763,002.
- Bauer, Franz. Electric switch. 2,773,950, 12-11-56, Cl. 200-21.
- Bauer, Fred R., 49% to N. B. and A. M. Bauer. Straw bunching attachment for combines. 2,774,209, 12-18-56, Cl. 56-122.
- Bauer, Fritz L.: *See*—  
Botcher, Bruno, and Bauer. 2,729,649.
- Bauer, George W.: *See*—  
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- Bauer, Hubert: *See*—  
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- Bauer, Klaus: *See*—  
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- Auhagen, Ernst, Hörelin, and Bauer. 2,734,846.
- Bauer, Klaus, and E. Auhagen, to Schenley Industries, Inc. Aqueous emulsion of procaine penicillin and acid salt of antihistamine. 2,734,845, 2-14-56, Cl. 167-65.
- Bauer, La Verne N., H. T. Neher, and W. L. Van Horne, to Rohm & Haas Co. Copolymers of allyl esters and itaconates. 2,731,448, 1-17-56, Cl. 260-78.5.
- Bauer, Lawrence E., 1/2 to G. L. Kliner. Fishing rod holder with signal means. 2,745,088, 5-8-56, Cl. 340-213.
- Bauer, Milton E. Disposable measuring cup. 2,758,771, 8-14-56, Cl. 229-1.5.
- Bauer, Norbert B.: *See*—  
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- Bauer, Paul C.: *See*—  
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- Bauer, Phillip F., and V. B. Honsinger, to Allis-Chalmers Mfg. Co. Synchronous induction motor having a segmented rotor and squirrel cage winding. 2,733,362, 1-31-56, Cl. 310-52.
- Bauer, William E., to Minneapolis-Honeywell Regulator Co. Elastic-fluid-pressure-actuated means for adjusting the proportional band of a controller. 2,773,506, 12-11-56, Cl. 137-86.
- Bauerle, Kurt: *See*—  
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- Bauerlein, Carl C., to The Dole Valve Co. Beverage dispenser. 2,736,465, 2-28-56, Cl. 222-129.2.
- Bauerlein, Carl C., to The Dole Valve Co. Throw-away type dispenser. 2,754,999, 7-17-56, Cl. 222-129.2.
- Bauerlein, Carl C., to The Dole Valve Co. Juice concentrate dispenser. 2,757,773, 7-31-56, Cl. 137-84.
- Bauerlein, Carl C., to The Dole Valve Co. Dispenser for concentrates. 2,766,910, 10-16-56, Cl. 222-129.2.
- Bauersfeld, Walther, to Carl Zeiss. Mounting for telescope mirrors. 2,736,231, 2-28-56, Cl. 88-32.
- Bauersfeld, Walther, H. Werner, and A. Vieweg, to C. Zeiss. Photogram projection device for representing the individual travel of fixed stars upon a screen. 2,748,652, 6-5-56, Cl. 88-24.
- Bauersfeld, Walther, and H. Sonnberger, to C. Zeiss. Optical system for photogrammetric plotting instruments. 2,751,813, 6-2-56, Cl. 88-24.
- Bauersfeld, Walther W. J., to C. Zeiss. Bearing for telescope mirror. 2,760,407, 8-28-56, Cl. 88-73.
- Bauger, Louis A. J.: *See*—  
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- Baugh and Sons Co.: *See*—  
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- Baughan, Fred A. Valve control means. 2,741,259, 4-10-56, Cl. 137-405.
- Baughan, Graham O. Oscillatable paste dispensing unit. 2,730,991, 1-17-56, Cl. 13-41.5.
- Bauknecht, G. m. b. H.: *See*—  
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- Bauknecht, Joseph A.: *See*—  
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- Baum, Arthur A., to E. I. du Pont de Nemours and Co. Process of removing zinc salts of nuclear chlorinated aromatic mercaptans. 2,770,604, 11-13-56, Cl. 260-30.8.
- Baum, Arthur A., and P. A. Sanders, to E. I. du Pont de Nemours & Co. Whitening agents for cellulosic fiber. 2,733,247, 1-31-56, Cl. 260-304.
- Baum, David. Phonograph attachment for eliminating static electricity from records. 2,744,212, 5-1-56, Cl. 317-2.
- Baum, Harold M., to Warner-Lambert Pharmaceutical Co. Dehydroacetic acid dental compositions. 2,746,905, 5-22-56, Cl. 187-93.
- Baum, Herbert J. L., and E. W. Colthurst, to Mipro Metal Products Co. Spring top dispenser structure for waste receptacles. 2,759,630, 8-21-56, Cl. 221-34.
- Baum, John W. Trolling release. 2,735,212, 2-21-56, Cl. 43-43.12.
- Baum, Louis J. Nozzle. 2,742,325, 4-17-56, Cl. 299-139.
- Baum, Richard V., to Goodyear Aircraft Corp. Electronic multistep. 2,773,641, 12-11-56, Cl. 235-11.
- Baum, Robert A. Treatment of liquids by means of dissolved gases. 2,746,605, 5-22-56, Cl. 210-53.
- Baum, Victor E. Positive suspension, leveling, and aligning. 2,735,169, 2-21-56, Cl. 29-458.
- Baum, Wilhelm M. Method of handling radio-active materials. 2,730,517, 6-12-56, Cl. 250-108.

- Baum, William A. to Photo Research Corp. Regulated D. C. power supply. 2,755,428, 7-17-56, Cl. 321—13.
- Bauman, Alvin H., to United States of America as represented by the Secretary of the Navy. Article feed mechanism. 2,766,869, 10-16-56, Cl. 198—26.
- Bauman, Edward, to Motorola, Inc. Selective squeelch receiver. 2,743,361, 4-24-56, Cl. 250—20.
- Bauman, Gus A., to Bemis Bro. Bag Co. Bag. 2,740,577, 4-24-56, Cl. 229—62.5.
- Bauman, Jack L., to See—  
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- Bauman, Merritt R., and A. W. Allen, to Ansul Chemical Co. Apparatus and method for fluidizing fire-extinguishing dry chemical. 2,742,970, 4-24-56, Cl. 189—11.
- Bauman, Robert H., to General Motors Corp. Automatic screw type brake wear adjustor. 2,730,205, 1-10-56, Cl. 188—196.
- Bauman, William C., to See—  
Simpson, Donald W., and Bauman. 2,771,193.
- Bauman, William C., to The Dow Chemical Co. Manufacture of free-flowing solid salts of alkenyl aromatic resin sulfonic acids. 2,733,232, 1-31-56, Cl. 260—79.3.
- Bauman, William C., and R. M. Wheaton, to The Dow Chemical Co. Method of sulfonating insoluble aromatic materials. 2,733,231, 1-31-56, Cl. 260—79.3.
- Bauman, William C., and D. F. Harrington, to The Dow Chemical Co. Process for removing sulfuric acid from aqueous solutions of inorganic sulfates. 2,738,322, 3-13-56, Cl. 210—24.
- Bauman, William C., and D. F. Harrington, to The Dow Chemical Co. Process for removing acids from aqueous solutions of organic solutes with ion exchange resins. 2,772,237, 11-27-56, Cl. 210—24.
- Baumann, Albert F., Card holder. 2,729,452, 1-3-56, Cl. 273—150.
- Baumann, Arthur. Attachment for a corn picker. 2,738,637, 3-20-56, Cl. 56—104.
- Baumann, Edward G., Clasp. 2,728,969, 1-3-56, Cl. 24—260.
- Baumann, Fritz, to See—  
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- Baumann, Fritz, to Farbenfabriken Bayer Aktiengesellschaft. Azo dye. 2,737,625, 1-13-56, Cl. 260—261.
- Baumann, Fritz, and B. Bienen, to Farbenfabriken Bayer Aktiengesellschaft. Vat dyestuff composition. 2,756,119, 7-24-56, Cl. 8—34.
- Baumann, Fritz, and B. Bienen, to Farbenfabriken Bayer Aktiengesellschaft. Phthalocyanine dyestuff intermediates. 2,768,567, 10-30-56, Cl. 8—1.
- Baumann, Hans, to See—  
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- Baumann, Poul H., Wheel dressers. 2,736,310, 2-28-56, Cl. 125—11.
- Baumeister, Willi. Hair curler. 2,768,633, 10-30-56, Cl. 132—40.
- Baumgardner, William C., to See—  
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- Baumgartner Frères S. A., to See—  
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- Baumgartner, Hans. Windshield wiper with pneumatic drive. 2,753,850, 7-10-56, Cl. 121—97.
- Baumgartner, John G., Method and apparatus for cutting the head from a manufactured member and moving the member to a predetermined position. 2,747,268, 5-29-56, Cl. 29—418.
- Baumgartner, John G., Brush making machine and method. 2,770,079, 11-13-56, Cl. 51—74.
- Baumgartner, John R., Backlash eliminator. 2,737,056, 3-6-56, Cl. 74—409.
- Baumgartner, John R., Apparatus for decurling a web. 2,737,089, 3-6-56, Cl. 92—70.
- Baumgartner, John R., Metal cutting apparatus. 2,737,383, 3-6-56, Cl. 266—23.
- Baumgartner, Walter E., and G. P. Monet, to E. I. du Pont de Nemours and Co. Process for the separation of 2,6-dinitrotoluene from its admixture with 2,4-dinitrotoluene. 2,765,348, 10-2-56, Cl. 260—645.
- Baumheckel, Ralph E., to Link-Belt Co. Bearing seal. 2,755,113, 7-17-56, Cl. 286—5.
- Baumier, Karl, and W. D. Ford, to Pittsburgh Corning Corp. Process for manufacturing cellululated material. 2,736,142, 2-28-56, Cl. 49—77.
- Baumunk, Harry, Carpenter's square. 2,775,037, 12-25-56, Cl. 33—120.
- Baur, John W., to Binks Mfg. Co. Spray coating means. 2,739,543, 3-27-56, Cl. 299—40.1.
- Baur, John W. O., to Piers and S. J. Simms, to Binks Mfg. Corp. Fluid pressure motor driven pump and valve control device therefor. 2,750,930, 6-19-56, Cl. 121—164.
- Baur, Ottmar, to See—  
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- Baur, Willy, to See—  
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- Bausch & Lomb Optical Co., to See—  
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- Stegeman, Raymond F. E., 2,747,729.
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- Stegeman, Raymond F. E., 2,762,499.
- Straat, Harold W., 2,740,320.
- Truby, Frank K., 2,762,722.
- Baverstock, Richard, to See—  
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- Bavley, Abraham, and E. K. Hamilton, to Chas. Pfizer & Co., Inc. Process for preparing citrazinc acid. 2,729,647, 1-3-56, Cl. 260—295.
- Bavley, Abraham, E. K. Hamilton, and W. J. Kraus, to Chas. Pfizer & Co., Inc. Purification of pyridine compounds. 2,738,352, 3-13-56, Cl. 260—295.
- Bavley, Abraham, and M. Harfenist, to Chas. Pfizer & Co., Inc. Halogenation of pyridines. 2,742,478, 4-17-56, Cl. 260—295.
- Bavley, Abraham, and M. Harfenist, to Chas. Pfizer & Co., Inc. Halogenation of pyridines. 2,742,479, 4-17-56, Cl. 260—295.
- Bavley, Abraham, M. Harfenist, W. A. Lazier, and W. M. McLamore, to Chas. Pfizer & Co., Inc. Preparation of isonicotinic acid and esters thereof. 2,742,480, 4-17-56, Cl. 260—295.
- Bavley, Abraham, M. G. Gollaher, and W. M. McLamore, to Chas. Pfizer & Co., Inc. Preparation of isonicotinic acid esters. 2,745,838, 5-15-56, Cl. 260—295.
- Bavley, Abraham, and W. M. McLamore, to Chas. Pfizer & Co., Inc. Hypnotic agent and method of making the same. 2,746,900, 5-22-56, Cl. 167—52.
- Bavley, Abraham, M. Harfenist, and W. M. McLamore, to Chas. Pfizer & Co., Inc. Hypnotic agents. 2,750,423, 6-12-56, Cl. 260—633.
- Bavley, Abraham, and E. K. Hamilton, to Chas. Pfizer & Co., Inc. Process for preparing citrazinamide. 2,758,998, 8-14-56, Cl. 260—295.
- Bavley, Abraham, and E. C. Schreiber, to Chas. Pfizer & Co., Inc. Process for manufacture of 2,5 diketo-8-nonen-3-ol. 2,768,967, 10-30-56, Cl. 260—483.
- Bavley, Abraham, and C. J. Knuth, to Chas. Pfizer & Co., Inc. Preparation of methylsuccinic acid and metal salts thereof. 2,773,897, 12-11-56, Cl. 260—537.
- Baxley, William H., to See—  
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- Baxter, Ernest L., to Eastman Kodak Co. Paper for roll photographic film. 2,751,309, 6-19-56, Cl. 117—14.
- Baxter Filtration Corp., to See—  
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- Baxter, Floyd. Ice cream mold. 2,746,402, 5-22-56, Cl. 107—19.
- Baxter, Frederic L., Jr., to Sperry Rand Corp. Brake type centrifugal governor. 2,742,983, 4-24-56, Cl. 188—185.
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- Baxter, Joseph Jr., to The Black-Clawson Co. Fourdrinier machine breast roll support and table structure. 2,760,411, 8-28-56, Cl. 92—44.
- Baxter, Joseph, Jr., to The Black-Clawson Co. Paper machinery. 2,775,168, 12-25-56, Cl. 92—23.
- Baxter Laboratories, Inc., to See—  
Gewecke, Theodore H., and Broman. 2,757,669.
- Homan, John F., 2,760,262.
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- Nesset, Maurice M., and Broman. 2,770,235.
- Baxter, Joseph E., C. Smith, and A. L. Mottet, to said Smith and said Mottet assors., to The Long-Bell Lumber Co. Felting apparatus. 2,746,096, 5-22-56, Cl. 19—155.
- Baxter, Thomas D., and A. A. McIntyre, to Baxter Filtration Corp. Method of filtering. 2,771,194, 11-20-56, Cl. 210—40.
- Baxter, Thomas R., to See—  
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- Baxter, Thomas R., to Continental Can Co., Inc. Bag. 2,749,020, 6-5-56, Cl. 229—53.
- Baxter, Thomas R., and T. A. Weisz, to Continental Can Co., Inc. Apparatus for fabricating drum lines. 2,758,522, 8-4-56, Cl. 93—55.1.
- Bay, Zoltan L., Mass spectrometer. 2,768,303, 10-23-56, Cl. 250—41.9.
- Bayard, Gaston. Cooling turbine system. 2,740,267, 4-3-56, Cl. 62—136.
- Bayard, Jere, to See—  
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- Bayard, Julius H., to Foster Wheeler Corp. Heat exchange system for power generators. 2,743,583, 5-1-56, Cl. 60—67.
- Bayard, Julius H., to Foster Wheeler Corp. Heat exchange system for vapor generators. 2,762,345, 9-11-56, Cl. 122—1.
- Bayer, Frank C., to See—  
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- Lober, Friedrich, Bayer, Bögemann, and Schneider. 2,775,636.
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- Bayes, Ross, and H. B. Aull, to The American Platinum Works. Silver brazing alloys. 2,729,558, 1-3-56, Cl. 75-134.
- Bahl, Joseph F., to Esso Research and Engineering Co. Geophone arrangement for seismic prospecting. 2,747,172, 5-22-56, Cl. 34-15.
- Bayless, Frank K., to General Electric Co. Impeller assembly. 2,766,699, 10-16-56, Cl. 103-115.
- Bayly, George R., to General Motors Corp. Power operated hook mechanism. 2,737,254, 3-6-56, Cl. 180-69.
- Bayliss, Alan J., to The General Electric Co. Ltd. Electric pulse generators. 2,740,047, 3-27-56, Cl. 250-36.
- Baymiller, John W., to Armstrong Cork Co. Method of making loom picker from polyvinyl alcohol and product. 2,750,348, 6-12-56, Cl. 260-23.
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- Baynes, Leslie E. 2,744,698.
- Baynes, Leslie E., to Baynes Aircraft Interiors Ltd. High speed aircraft having wings with variable sweepback. 2,741,444, 4-10-56, Cl. 244-46.
- Baynes, Leslie E., to Baynes Aircraft Interiors Ltd. High speed aircraft wing and tail surfaces having variable sweepback. 2,744,698, 5-8-56, Cl. 244-42.
- Bayon, Patrice M. Method for the manufacture of leather belts and bracelets formed by two elongated leather strips. 2,739,096, 3-20-56, Cl. 154-116.
- Bay State Abrasive Products Co.: *See*—  
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- Ball, Albert L. 2,771,659.
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- Ball, Albert L., and J. R. Bayston, trustee, Icecrafter (Liquidating) Trust. Machine for manufacturing ice cubes. 2,740,265, 4-3-56, Cl. 62-7.
- Bayston, John R., to John R. Bayston, trustee, Icecrafter (Liquidating) Trust. Ice cube manufacturing apparatus. 2,763,993, 9-25-56, Cl. 260-23.
- Bayston, John R., to J. R. Bayston, trustee, Icecrafter (Liquidating) Trust. Ice cube making refrigerator. 2,774,224, 12-18-56, Cl. 62-7.
- Bazarian, Albert V.: *See*—  
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- Bazarian, Albert V., F. Grimm, L. Gusman, and M. N. Silver, to Gera Corp. Gaseous counting tube. 2,767,350, 10-16-56, Cl. 315-169.
- Bazarnie, Peter P. Dishwashing machine. 2,764,169, 9-25-56, Cl. 134-110.
- Bazett, Floyd W. Tool handle wedges. 2,754,158, 7-10-56, Cl. 306-33.
- Beach, Andrew H. Oil burning furnace with fire extinguisher. 2,753,926, 7-10-56, Cl. 158-4.
- Beach, Clarence E.: *See*—  
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- Beach, Clarence E., and W. P. Munger, deceased (by M. C. Munger, executrix), to R. R. Stratton. Sensing devices for data records. 2,759,670, 8-21-56, Cl. 235-61.11.
- Beach, Edward J., to Beach-Russ Co. Combined oil purifier and water separator. 2,738,877, 3-20-56, Cl. 210-44.
- Beach, Edward J., to Beach-Russ Co. Boring device for elliptical or the like openings. 2,751,800, 6-25-56, Cl. 77-61.
- Beach, Edward J., to Beach-Russ Co. Vacuum pump. 2,774,532, 12-18-56, Cl. 230-153.
- Beach, Edward L.: *See*—  
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- Beach, Edward L., and M. E. Keck, to Westinghouse Electric Corp. Lighting fixture. 2,763,774, 9-18-56, Cl. 240-52.
- Beach, John G., and C. L. Faust, to the United States of America as represented by the United States Atomic Energy Commission. Electroplating on beryllium. 2,729,601, 1-3-56, Cl. 204-32.
- Beach, Leland K.: *See*—  
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- Beach, Leland K., to Esso Research and Engineering Co. Azeotropic dehydration of maleic acid to anhydride. 2,729,600, 1-3-56, Cl. 202-42.
- Beach, Robert W., to American Mfg. Co., Inc. Router guide mechanism. 2,751,945, 6-26-56, Cl. 144-136.
- Beach, Royal A., to The Dumore Co. Indexing device for chain saw sharpener. 2,729,988, 1-10-56, Cl. 76-77.
- Beach-Russ Co.: *See*—  
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- Beach, Theodore L., Jr. Shock resistant rearview mirror. 2,729,142, 1-3-56, Cl. 88-96.
- Beach, Wallace W., to Guardian Container Co. Furniture saddle support. 2,749,012, 6-5-56, Cl. 229-11.
- Beach, William H. Wall plug protector. 2,738,475, 3-13-56, Cl. 339-36.
- Beacham, Harry H., to National Lead Co. Fatty acid esters of epoxy resins and alkyl titanates. 2,733,222, 1-31-56, Cl. 260-13.
- Beacham, Harry H., to National Lead Co. Gelled compositions and method for making the same. 2,736,666, 2-28-56, Cl. 106-244.
- Beacham, Harry H., and K. M. Merz, to National Lead Co. Epoxy resin compositions containing titanate. 2,742,448, 4-17-56, Cl. 260-47.
- Beachler, Edward D.: *See*—  
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- Beachler, Edward D., to Beloit Iron Works. Stock flow. 2,748,670, 6-5-56, Cl. 92-44.
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- Beadle, Anthony C., to International Standard Electric Corp. Telephone subsets. 2,770,679, 11-13-56, Cl. 179-81.
- Beadles, George D. Combination paint can spout and scraper. 2,767,891, 10-23-56, Cl. 222-570.
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- Hogg, John A., Beal, and Lincoln. 2,752,366.
- Hogg, John A., Beal, Nathan, and Lincoln. 2,730,525.
- Hogg, John A., Beal, Nathan, and Lincoln. 2,771,475.
- Beal, Philip P., III, and J. A. Hogg, to The Upjohn Co. 3-keto-1,2,3,4-tetrahydro-2H-pyran-2-one-21-al and process. 2,732,384, 1-24-56, Cl. 260-397.45.
- Beal, Philip P., III, and J. A. Hogg, to The Upjohn Co. Steroid production. 2,758,993, 8-14-56, Cl. 260-239.55.
- Beale, Evelyn S. L., to Alan Muntz & Co. Ltd. Free-piston air-compressor. 2,768,751, 10-30-56, Cl. 200-23.
- Beale, Evelyn S. L., to Alan Muntz & Co. Ltd. Turbines operated by free-piston gas generators. 2,770,943, 11-20-56, Cl. 60-13.
- Beals, Clem. Chain conveyor lift. 2,736,423, 2-28-56, Cl. 198-185.
- Beals, Ernest L., and M. S. Trupp, to Burroughs Wellcome & Co. (U. S. A.) Inc. Injectable solutions of digoxin. 2,765,256, 10-2-56, Cl. 167-65.
- Beals, Malcolm D., and J. F. Miller, to National Lead Co. Preparation of monocrySTALLINE rutile. 2,756,157, 7-24-56, Cl. 108-42.
- Beals, Roscoe G. Multi-purpose precision bending machine. 2,751,960, 6-26-56, Cl. 153-39.
- Beam, Albert S.: *See*—  
Osplock, Joseph J., and Beam. 2,747,424.
- Beam, Albert S., and C. B. Stapleton, to Vinco Corp. Master gauge for level bars. 2,750,676, 6-19-56, Cl. 33-179.5.
- Beam, Arthur P. Flexible extension attachment for electric drills. 2,747,384, 5-29-56, Cl. 64-2.
- Beam, John S. Adjustment mechanism for tractor-drawn ditch digging blade. 2,762,138, 9-11-56, Cl. 37-98.
- Beaman, Floyd L., to The Dow Chemical Co. Phenyl dihydrobenzoic acids. 2,756,256, 7-24-56, Cl. 260-521.
- Beaman, Ralph G., to E. I. du Pont de Nemours & Co. Acrylonitrile-vinyl pyridine copolymer solutions. 2,757,154, 7-31-56, Cl. 260-30.2.
- Beaman, Robert W., and J. W. Hendricks, to Gem Crib and Cradle Co. Folding play-yard. 2,774,082, 12-18-56, Cl. 5-99.
- Beaming Products Co., Inc.: *See*—  
Minish, Mervin A. 2,758,967.
- Beamish, Bernard D. Electric can counter circuit. 2,730,301, 1-10-56, Cl. 235-98.
- Beamish, Bernard D. Conveyor system. 2,767,823, 10-23-56, Cl. 18-4.
- Beams, Clare F. Fishing lure. 2,750,701, 6-19-56, Cl. 43-42.09.
- Beams, Jesse W., to the United States of America as represented by the Secretary of the Navy. Magnetically supported gyroscope. 2,733,857, 2-7-56, Cl. 238-24.
- Beams, Jesse W., and L. B. Snoddy, to the United States of America as represented by the Secretary of the Navy. High altitude burner simulator. 2,763,155, 9-18-56, Cl. 73-116.
- Bean, Arthur I., to The Fellows Gear Shaper Co. Relieving spindle mechanism. 2,736,240, 2-28-56, Cl. 90-7.
- Bean, Arthur I., and P. H. Kingston, to The Fellows Gear Shaper Co. Feed cam grip mechanism for gear shapers. 2,737,377, 8-7-56, Cl. 90-7.
- Bean, Claude T., Jr.: *See*—  
Robitschke, Paul, and Bean. 2,752,361.
- Bean, John E. Collapsible tube dispenser. 2,748,981, 6-5-56, Cl. 222-97.
- Bean, Morris, & Co.: *See*—  
Bean, Morris M. 2,736,924.
- Spitler, Robert A. 2,765,508.
- Bean, Morris M., to Morris Bean & Co. Bladed tire molds and method. 2,736,924, 3-6-56, Cl. 18-44.



- Bean, Reginald, to The Pirelli-General Cable Works, Ltd. Electrical conducting ropes. 2,759,990, 8-21-56, Cl. 174-69.
- Bean, Russell K., to the United States of America as represented by the Solicitor of the Department of the Interior. Ellipsoidal reflector projector for stereo-photogrammetric map plotting. 2,737,846, 3-13-56, Cl. 88-24.
- Beane, Carson H., to The Brewer-Titchener Corp. Apparatus for indicating and controlling the temperature of products within predetermined limits. 2,741,099, 4-10-56, Cl. 62-6.
- Bea Mfg. Co.: See—  
MacMillan, Charles W. 2,755,554.  
MacMillan, Charles W. 2,775,042.  
MacMillan, Charles W., Holaday, and Pierce. 2,765,540.  
MacMillan, Charles W., and Richards. 2,732,233.  
Martin, Sidney W. 2,758,885.
- Beard, Arthur D., to Radio Corp. of America. Photoelectric inspection by a coincident method. 2,730,922, 1-17-56, Cl. 88-14.
- Beard, Arthur D., to Radio Corp. of America. Signal responsive circuit. 2,734,134, 2-7-56, Cl. 250-27.
- Beard, Arthur D., to Radio Corp. of America. Signal responsive circuit. 2,757,280, 7-31-56, Cl. 250-27.
- Beard, Arthur D., and E. Eberhard, to Radio Corp. of America. Method and apparatus for inspecting hollow articles. 2,735,017, 2-14-56, Cl. 250-52.
- Beard, Charles I., and R. L. Mills, to Socony Mobil Co., Inc. Stabilized low frequency amplifier with drift correction. 2,768,247, 10-23-56, Cl. 179-171.
- Beard, Chester E. Means for placing elastic bands. 2,737,181, 3-6-56, Cl. 128-303.
- Beard, Donald M., F. H. Wildung, and P. P. Bruce. Light trap for darkroom. 2,732,719, 1-31-56, Cl. 95-90.
- Beard, Donald M., P. P. Bruce, and K. Kriegsmann. Shoulder camera mount. 2,746,369, 5-22-56, Cl. 95-86.
- Beard, Oscar: See—  
Baker, Jose C., and Beard. 2,742,419.
- Beard, Richard C., to Minneapolis-Honeywell Regulator Co. Bubble tube. 2,755,669, 7-24-56, Cl. 73-439.
- Beard, Richard B., to Minneapolis-Honeywell Regulator Co. Ultrasonic absorption measuring apparatus. 2,768,524, 10-30-56, Cl. 73-53.
- Beard, Walter C., Jr., and A. B. Dayton, Jr., to The Risdon Mfg. Co. Container and applicator for liquid and gaseous compounds. 2,780,180, 1-10-56, Cl. 169-31.
- Beardslee, Lewis D., to Gibson Refrigerator Co. Cooking stove. 2,734,988, 2-14-56, Cl. 219-37.
- Beardsley, Harold H., to Band-It Co. Tool for applying pressure clamps. 2,746,324, 5-22-56, Cl. 81-9.3.
- Beardsley, Richard G.: See—  
Lee, Lyman S., and Beardsley. 2,755,396.
- Beardwood, Joseph T., III: See—  
Chatterton, Edward, Jr., and Beardwood. 2,773,979.
- Beare, Charles H., to General Motors Corp. Method of making elastomeric bushing. 2,761,202, 9-4-56, Cl. 29-417.
- Beare, Charles H., to General Motors Corp. Sealing strip for refrigerator door. 2,774,120, 12-18-56, Cl. 20-69.
- Bearer, Louis C.: See—  
Benz, George R., and Bearer. 2,738,262.
- Bearer, Louis C., to Phillips Petroleum Co. Pebble heat exchange chamber. 2,744,732, 5-8-56, Cl. 257-55.
- Bearer, Louis C., to Phillips Petroleum Co. Means for converting hydrocarbons. 2,752,231, 6-26-56, Cl. 23-284.
- Bearer, Louis C., to Phillips Petroleum Co. Means and method for converting hydrocarbons. 2,755,320, 7-17-56, Cl. 260-679.
- Bearer, Louis C., to Phillips Petroleum Co. Pebble heat exchange chamber. 2,756,130, 7-24-56, Cl. 23-284.
- Bearer, Louis C., to Phillips Petroleum Co. Pebble heater for liquid feed process. 2,767,130, 10-16-56, Cl. 196-55.
- Bearer, Louis C., to Phillips Petroleum Co. Method and apparatus for heating fluids. 2,775,635, 12-25-56, Cl. 260-679.
- Bearer, Louis C., to Phillips Petroleum Co. Pebble heat exchanger. 2,769,693, 11-6-56, Cl. 23-284.
- Bearings Mfg. Co.: See—  
Rhodes, Robert H. 2,759,306.
- Beart, Alvin. Projection cabinet. 2,769,368, 11-6-56, Cl. 88-24.
- Beart, Robert W., to Illinois Tool Works. Method of making lock washers. 2,744,268, 6-8-56, Cl. 10-72.
- Beasley, Harry K.: See—  
Crossland, Lloyd B., and Beasley. 2,768,082.
- Beason, William J. Waste retainer for journal boxes. 2,736,623, 2-28-56, Cl. 308-89.
- Beattie, Horace S., to International Business Machines Corp. High speed printing mechanism. Re. 24,131, 3-20-56, Cl. 101-93.
- Beattie, John O., to Optical Plastics Corp. Apparatus for the manufacture of plastic lenses from monomeric materials. 2,745,138, 5-15-56, Cl. 18-26.
- Beattie, Robert, to Tidewater Oil Co. System for detecting solids in gaseous streams. 2,760,184, 8-21-56, Cl. 340-239.
- Beattie, Robert D., to Godfrey L. Cabot, Inc. Production of oil from petroleum residues. 2,752,290, 6-26-56, Cl. 196-50.
- Beatty, Allan W., to Welding Fittings Corp. Fabrication of branched fittings. 2,771,665, 11-27-56, Cl. 29-157.
- Beatty Bros. Ltd.: See—  
Anderson, Harry M. 2,761,531.  
Beatty, William G. 2,733,785.
- Beatty, Charles G., and W. O. Osborn, to the United States of America as represented by the Secretary of the Navy. Pressure sensitive device. 2,761,318, 9-4-56, Cl. 73-398.
- Beatty, David L., and L. G. Sturtz. Pantograph engraving machine. 2,730,842, 2-7-56, Cl. 90-13.1.
- Beatty, George B.: See—  
Hunt, Arthur E. Re. 24,259.
- Beatty, James R.: See—  
Juve, Arthur E., and Beatty. 2,768,068.
- Beatty, John W., and R. M. Anderson, to General Electric Co. Fluid actuated circuit breaker operating mechanism. 2,740,859, 4-3-56, Cl. 200-82.
- Beatty, Julian L., to A. B. Dick Co. Lithographic plates and methods for manufacturing same. 2,760,431, 8-28-56, Cl. 101-149.2.
- Beatty, Julian L., and R. T. Florence, to A. B. Dick Co. Stencil duplicating inks. 2,772,175, 11-27-56, Cl. 106-28.
- Beatty, William G., to Beatty Bros. Ltd. Stall post anchor. 2,733,785, 2-7-56, Cl. 189-34.
- Beaubien, William H., to General Electric Co. Vehicle actuated traffic signal apparatus. 2,750,576, 6-12-56, Cl. 340-38.
- Beaubien, William H., to General Electric Co. Electric motor braking system. 2,767,362, 10-16-56, Cl. 318-212.
- Beaubien, William H., to General Electric Co. Saturable reactor. 2,767,371, 10-16-56, Cl. 323-89.
- Beaumont, Wilfred A., to the Youngstown Steel Door Co. Laterally movable doors for railway freight cars. 2,765,501, 10-9-56, Cl. 20-23.
- Beaudet, Simon C. Fire extinguisher. 2,772,744, 12-4-56, Cl. 169-81.
- Beaudry, John R., and H. L. Whitte. Device for preventing theft. 2,742,898, 4-24-56, Cl. 128-133.
- Beaufoy, Raymond, to British Telecommunications Research Ltd. Start-stop oscillator. 2,748,285, 5-29-56, Cl. 250-36.
- Beaufoy, Raymond, to British Telecommunications Research Ltd. Electrical timing circuits. 2,752,511, 6-26-56, Cl. 340-38.
- Beaumont Birch Co.: See—  
McMullan, Cletus C. 2,737,308.
- Beaumont, Thomas E. 2,760,695.
- Beaumont, Georges. Extinguisher. 2,731,092, 1-17-56, Cl. 169-81.
- Beaumont, James O., to Hughes Aircraft Co. Rotational analogue-to-digital converters. 2,747,797, 5-29-56, Cl. 235-1.
- Beaunit Mills, Inc.: See—  
Haas, Sidney V., Jr. 2,772,551.  
Hofmann, Hugo. 2,730,757.  
Hofmann, Hugo. 2,765,489.  
Rogosin, Lionel. 2,741,108.
- Beautiful Bryans, Inc.: See—  
Coberg, Arthur J. 2,746,275.
- Beaver, David J., to Monsanto Chemical Co. Manufacture of cellular articles. 2,746,939, 5-22-56, Cl. 260-2.5.
- Beaver, David J., P. J. Stoffel, and R. S. Shumard, to Monsanto Chemical Co. Antiseptic detergent composition. 2,730,502, 1-10-56, Cl. 252-107.
- Beaver, David J., R. S. Shumard, and P. J. Stoffel, to Monsanto Chemical Co. Halogenated tris-phenols. 2,750,551, 1-10-56, Cl. 260-619.
- Beaver, David J., R. S. Shumard, and P. J. Stoffel, to Monsanto Chemical Co. Tris-phenols. 2,735,872, 2-21-56, Cl. 260-619.
- Beaver, David J., R. S. Shumard, and P. J. Stoffel, to Monsanto Chemical Co. Antiseptic soap composition. 2,749,314, 6-5-56, Cl. 252-107.
- Beaver, David J., and P. J. Stoffel, to Monsanto Chemical Co. N-hydrocarbon-substituted ureas as antieuperoxide cracking agents for sulfur vulcanizable rubbers. 2,766,219, 10-9-56, Cl. 260-45.9.
- Beaver, John F. Method of producing a composite liquid bituminous binder. Re. 24,253, 12-11-56, Cl. 204-52.
- Beaver Cable Dolly Corp.: See—  
De Arment, John E. 2,775,357.
- Beaver Pond Machine Co., The: See—  
Meneo, Pasquale. 2,752,657.
- Beavers, Ellington M., to Rohm & Haas Co. Preparation of bis (4-glycidioxyphenyl) sulfone. 2,765,322, 10-2-56, Cl. 260-348.
- Beavers, Virgil W.: See—  
Martin, Irvin B., and Beavers. 2,761,143.
- Beaver Saw Chain Corp.: See—  
Siverson, Harry E., Hauser, and Tubensing. 2,737,830.
- Beaver Tool and Engineering Corp.: See—  
Jackson, Robert O. 2,774,603.
- Beavon, David K., to The Texas Co. Regeneration of cracking catalysts. 2,758,978, 8-14-56, Cl. 252-417.
- Beber, Adolph J. Paint brush cleaner. 2,750,343, 6-12-56, Cl. 252-153.
- Beber, Oral L., and B. B. Woertz, to The Pure Oil Co. Method and apparatus for cleaning filters in vapor systems of catalytic reactions. 2,746,361, 5-22-56, Cl. 183-51.
- Bebie, Edwin W., to International Paper Co. Core cap. 2,760,732, 8-28-56, Cl. 242-68.
- Bebinger, Charles N., to Joy Mfg. Co. Tailpiece for flexible shaker conveyors. 2,753,984, 7-10-56, Cl. 198-220.
- Bebinger, Charles N., to Joy Mfg. Co. Flexible shaker conveyor apparatus. 2,753,985, 7-10-56, Cl. 198-220.
- Bebinger, Charles N., to Joy Mfg. Co. Materials handling apparatus. 2,758,701, 8-14-56, Cl. 198-75.

- Bebrly Bedding Corp.**: *See*—  
 Bebrly, Peter P., 2,729,829.  
 Bebrly, Peter P., 2,734,201.  
 Bebrly, Peter P., 2,760,210.
- Bebrly, Peter P.**, to **Bebrly Bedding Corp.** Love seat bed with automatic latching and unlatching means. 2,729,829, 1-10-56, Cl. 5-13.
- Bebrly, Peter P.** to **Bebrly Corp.** Sofa bed construction. 2,734,201, 2-14-56, Cl. 5-13.
- Bebrly, Peter P.**, to **Bebrly Bedding Corp.** Studio couch beds. 2,760,210, 8-28-56, Cl. 5-21.
- Bechard, Conrad E.**, and **H. E. Hermanson**, to **General Electric Co.** Lamp basing method. 2,732,878, 1-31-56, Cl. 153-1.
- Bechard, Conrad E.**, and **W. P. Schoenoff**, to **General Electric Co.** Lamp base connection and method of manufacture. 2,736,873, 2-28-56, Cl. 339-146.
- Bechard, Conrad E.**, and **W. P. Schoenoff**, to **General Electric Co.** Electric lamp. 2,736,874, 2-28-56, Cl. 339-146.
- Becher, Harold.** Article holder. 2,753,054, 7-3-56, Cl. 211-73.
- Becher, Merlin H.**: *See*—  
 Smith, Rudolph O., and **Becher**, 2,742,087.
- Becher, Paul**, to **Colgate-Palmolive Co.** Detergent bars. 2,774,735, 12-18-56, Cl. 252-117.
- Becher, William D.**: *See*—  
 Rod, Robert L., and **Becher**, 2,753,542.  
 Rod, Robert L., and **Becher**, 2,775,748.
- Bechle, Rudolph F.**, to **Pordevin Machine Co.** Web slitting and cross basing apparatus. 2,731,890, 1-24-56, Cl. 93-8.
- Bechler, Andre.** Bearings. 2,729,522, 1-8-56, Cl. 308-240.
- Bechman Instruments, Inc.**: *See*—  
 Molloy, Everett W., and **Schultz**, 2,729,727.
- Becht, Benno**: *See*—  
 Kleiner, Helmut, **Bayer**, and **Becht**, 2,762,718.  
 Kleiner, Helmut, **Bayer**, and **Becht**, 2,762,719.
- Bechtie, Richard**, and **O. Metzner**, to **Adolf Messer G. m. b. H.** Control mechanism for cutting torches. 2,766,982, 10-16-56, Cl. 266-23.
- Bechtler & Co.**: *See*—  
 Bechtler, Hans C., 2,765,030.
- Bechtler, Hans C.**, to **Bechtler & Co.** Actuating device for blinds. 2,765,030, 10-2-56, Cl. 160-170.
- Bechtold, Karl.** Method and apparatus for securing work pieces. 2,730,787, 1-17-56, Cl. 26-15.
- Bechtold, Leonard E.**: *See*—  
 Schwarz, Randolph P., and **Bechtold**, 2,758,316.
- Bechtold, Max F.**, to **E. I. du Pont de Nemours and Co.** Preparation of shaped cellulose articles. 2,737,437, 3-6-56, Cl. 18-54.
- Bechtold, Max F.**, and **J. H. Werntz**, to **E. I. du Pont de Nemours & Co.** Cellulose compositions and preparation of shaped articles therefrom. 2,737,438, 3-6-56, Cl. 106-194.
- Beck, Alfred C.**, to **Bell Telephone Laboratories, Inc.** Pulse heterodyne transmission testing systems. 2,741,740, 4-10-56, Cl. 324-58.
- Beck, Anita E.** Ornamental box. 2,769,588, 11-6-56, Cl. 229-31.
- Beck, Arnold H. W.**, to **International Standard Electric Corp.** Electron discharge devices. 2,764,708, 9-25-56, Cl. 313-82.
- Beck, Arnold H. W.**, and **A. B. Cutting**, to **International Standard Electric Corp.** Cavity resonators. 2,737,631, 3-6-56, Cl. 333-93.
- Beck, Arnold H. W.**, and **A. D. Brisbane**, to **International Standard Electric Corp.** Ionisation manometers. 2,774,936, 12-18-56, Cl. 324-33.
- Beck, Arnold H. W.**, **T. M. Jackson**, and **J. Lytollis**, to **International Standard Electric Corp.** Electric discharge tubes. 2,775,722, 12-25-56, Cl. 315-169.
- Beck, Carl E.** Vertical slit Venetian draw drapes. 2,748,853, 6-5-56, Cl. 160-172.
- Beck, Charles E.**, to **Motorola, Inc.** Radio set housing and mounting. 2,731,555, 1-17-56, Cl. 250-16.
- Beck, Charles E.**, to **General Electric Co.** Means for securing a lead wire to an electric lamp base. 2,733,419, 1-31-56, Cl. 339-144.
- Beck, Clarence E.** Automatic bi-directional flow valves. 2,735,443, 2-21-56, Cl. 137-493.3.
- Beck, Clarence E.** Removable shelf for station wagons. 2,767,896, 6-5-56, Cl. 224-42.42.
- Beck, Curt B.**, and **C. A. Stokes**, to **Godfrey L. Cabot, Inc.** Densification of ink grade carbon blacks. 2,771,347, 11-20-56, Cl. 23-314.
- Beck, Edward F. W.**, and **A. M. Opsahl**, to **Westinghouse Electric Corp.** Lightning arrester. 2,763,818, 9-18-56, Cl. 317-61.
- Beck, Edwin H.**, to **Manufacturers Supplies Co.** Skiving machine. Re. 24,142, 4-17-56, Cl. 69-9.5.
- Beck, Edwin H.**, to **Manufacturers Supplies Co.** Skiving machines. 2,753,709, 7-10-56, Cl. 69-9.5.
- Beck, Eugene**, and **C. T. Lanstrom**, to **United States Steel Corp.** Preforming head. 2,757,506, 8-7-56, Cl. 57-9.
- Beck, Frederick J.** Sectional overhead door seal. 2,749,582, 6-12-56, Cl. 20-68.
- Beck, George W.**: *See*—  
 Clingman, Paul E., and **Beck**, 2,763,345.  
 Beck, Hans, and **E. F. Fink**, to **SKF Kugellagerfabriken Gesellschaft mit beschränkter Haftung**. Press fit arrangement. 2,743,141, 4-24-56, Cl. 308-18.
- Beck, Hans J.**, and **E. F. Schmid**, to **SKF Kugellagerfabriken Gesellschaft mit beschränkter Haftung**. Top roller for spinning machines. 2,730,771, 1-17-56, Cl. 19-142.
- Beck, Harold J.**: *See*—  
 Noland, Robert L., and **Sanders**, 2,767,436.
- Beck, Howard G.**, to **The General Tire and Rubber Co.** Belt take-up mechanism. 2,747,420, 5-29-56, Cl. 74-219.
- Beck, Howard G.**, to **The General Tire and Rubber Co.** Journal box seal. 2,758,853, 8-14-56, Cl. 286-6.
- Beck, John T.**, to **Beck's Inc.** Circuit component and method of making same. 2,734,150, 2-7-56, Cl. 317-101.
- Beck, Joseph J.**, to **Chain Belt Co.** Method of increasing the strength of a pocket chain. 2,729,935, 1-10-56, Cl. 59-8.
- Beck, Mrs. Jözsef**: *See*—  
 Beck, Jözsef, 2,734,259.
- Beck, József**, deceased, **Mrs. J. Beck**, née **I. Szanto**, sole heir, to **"Lőcencia" Talaimanyokt Ertekesito Vallalat**. Method of making heat exchanger. 2,734,259, 2-14-56, Cl. 29-157.
- Beck, Melvin L.** Fishing device. 2,766,543, 10-16-56, Cl. 43-16.
- Beck, Robert C.** Apparatus for photographic printing. 2,763,180, 9-18-56, Cl. 58-24.
- Beck, Robert M.**, to **Northrop Aircraft, Inc.** Graph plotter. 2,769,680, 11-6-56, Cl. 346-49.
- Beck, Roland A.**, to **The Texas Co.** Pulverizing process, including forming a slurry of solid particles and a liquified normally gaseous refrigerant, vaporizing the liquid, and turbulently passing the vaporized dispersion through a zone of high velocity and decreasing pressure. 2,735,624, 2-21-56, Cl. 241-17.
- Beck, Ronald D.**, to **General Motors Corp.** Method for bonding plastic materials. 2,742,390, 4-17-56, Cl. 154-126.
- Beck, Sam**: *See*—  
 Smith, Herschel D., 2,755,099.
- Beck, Walter**, to **Montgomery Elevator Co.** Fluid buffer for elevators. 2,744,587, 5-8-56, Cl. 187-67.
- Beck, Walter**, to **Montgomery Elevator Co.** Load limit control for elevators. 2,769,052, 10-30-56, Cl. 200-85.
- Beck, William A.**: *See*—  
 Kollman, Jack, and **Beck**, 2,775,383.  
 Russell, John J., **Beck**, and **Kollman**, 2,738,897.  
 Russell, John J., **Beck**, and **Kollman**, 2,773,817.
- Beckadolph, Richard**, and **W. Nicias**, to **Firma Continental Gummi-Werke, A.-G.** Method and apparatus for building tire casings. 2,743,760, 5-1-56, Cl. 151-5.
- Beckadolph, Richard**, and **W. Nicias**, to **Continental Gummi-Werke Aktiengesellschaft**. Belt transmissions. 2,770,977, 11-20-56, Cl. 74-229.
- Beckberger, La Vern H.**, to **Sinclair Refining Co.** Hydrocracking of heavy oils. 2,738,307, 3-13-56, Cl. 196-49.
- Beckel, Walter**: *See*—  
 Walkup, Lewis E., **Copley**, and **Beckdahl**, 2,750,922.
- Beckelhymer, E. A.**: *See*—  
 Ponder, Walter P., 2,740,530.
- Beckelhymer, E. A., Jr.**: *See*—  
 Ponder, Walter P., 2,740,530.
- Becker, Adam**, and **A. W. Woker**, to the **United States Atomic Energy Commission**. Crucible and stopper therefor. 2,770,856, 11-20-56, Cl. 22-87.
- Becker, Alois F.**, to **Amara Refrigeration, Inc.** Refrigerator cabinet drawer structure. 2,758,903, 8-14-56, Cl. 312-320.
- Becker, Anthony F.**, to **The American Floor Surfacing Machine Co.** Floor covering removing machine having yieldable flared cutters. 2,769,626, 11-6-56, Cl. 262-19.
- Becker, Anthony F.**, to **The American Floor Surfacing Machine Co.** Floor scraping machine having floating scraper. 2,774,586, 12-18-56, Cl. 262-8.
- Becker, Arthur B.** Airplane simulating attachment for tricycles. 2,761,689, 9-4-56, Cl. 280-121.
- Becker, Carl**. Apparatus for suppressing galloping conductors. 2,731,509, 1-17-56, Cl. 174-42.
- Becker, Charles E.**: *See*—  
 Mahan, John E., and **Becker**, 2,766,248.  
 Stoops, Charles E., and **Becker**, 2,745,833.
- Becker, Charles E.**, to **Phillips Petroleum Co.** Continuous process for production of alkyl pyridines. 2,745,835, 5-15-56, Cl. 260-290.
- Becker, Earl M.**: *See*—  
 Bub, Robert A., and **Becker**, 2,764,258.
- Becker, Ernst**, and **H. Weinstock**, to **L. & C. Steinmüller, Gesellschaft mit beschränkter Haftung**. Firing plant. 2,763,220, 8-15-56, Cl. 110-38.
- Becker, Francis N.**: *See*—  
 Miller, Carroll de V., and **Becker**, 2,729,845.
- Becker, Fred**, to **Underwood Corp.** Form stop for carriages. 2,744,604, 5-8-56, Cl. 197-140.
- Becker, Frederick G. L.**, deceased, by **E. Goulding** and **D. John**, executors, to **Cellulose Development Corp. Ltd.** Treating vegetable fibrous material with chlorine gas. 2,730,426, 1-10-56, Cl. 8-105.
- Becker, Frederick G. L.**, deceased, by **E. Goulding** and **D. John**, executors, to **Cellulose Development Corp. Ltd.** Process for the continuous treatment of vegetable fibers. 2,760,710, 11-6-56, Cl. 92-7.
- Becker, Friedrich H.**, **Libowitzky**, **O. Markgraf**, and **M. King** to **Badische Anilin- & Soda-Fabrik Aktiengesellschaft**. 2,2',6',6'-tetrahydroxy-3,3'-dinitro-5,5'-dichlorodiphenylmethane and alkali metal salts thereof. 2,767,219, 10-16-56, Cl. 260-619.
- Becker, George D.**, to **Allis-Chalmers Mfg. Co.** Vibrating apparatus utilizing a liquid as eccentric weight means. 2,757,544, 8-7-56, Cl. 74-87.
- Becker, Hans**, and **T. Noppen**. Lathe. 2,739,501, 3-27-56, Cl. 82-19.
- Becker, Harold A.**, to **Universal Oil Products Co.** Multiple cell circular heater. 2,745,388, 5-15-56, Cl. 122-240.



- Becker, Henry. Confection dispenser. 2,756,902, 7-31-56, Cl. 221-202.
- Becker, Joseph, to Koppers Co., Inc. Low temperature tar conversion to high temperature tar in high temperature coking chambers. 2,756,198, 7-24-56, Cl. 202-23.
- Becker, Joseph A., and M. C. Waltz, to Bell Telephone Laboratories, Inc. High speed negative resistance. 2,740,940, 4-3-56, Cl. 333-80.
- Becker, Joseph A. and L. M. Liquid wax dispenser. 2,768,401, 10-30-56, Cl. 15-131.
- Becker, Lucille M., See—
- Becker, Joseph A. and L. M. 2,768,401.
- Becker, Otto A. Filing drawings. 2,765,793, 10-9-56, Cl. 129-16.7.
- Becker, Paul K., See—
- Phelps, Charles F. 2,760,701.
- Becker, Philip D., to United-Carr Fastener Corp. Resilient stud and socket fastener assembly. 2,737,222, 3-6-56, Cl. 151-41.5.
- Becker, Philip D., to United-Carr Fastener Corp. Resilient, threadless sheet metal fastener for use with threadless studs. 2,754,717, 7-17-56, Cl. 85-36.
- Becker, Philip D., to United-Carr Fastener Corp. Fastening device. 2,755,114, 7-17-56, Cl. 287-20.
- Becker, Philip D., to United-Carr Fastener Corp. Caster support. 2,766,475, 10-16-56, Cl. 16-30.
- Becker, Philip D., to United-Carr Fastener Corp. Fastening device. 2,743,511, 11-13-56, Cl. 243-27.
- Becker, Robert B., to Logansport Machine Co., Inc. Cushion valve for air cylinders. 2,753,849, 7-10-56, Cl. 121-38.
- Becker, Robert E., to Logansport Machine Co., Inc. Rotating shaft and seal. 2,758,850, 8-14-56, Cl. 285-134.
- Becker, Rodger P. Separable suspension device for an extension lamp. 2,753,931, 2-21-56, Cl. 240-54.
- Becker, Rodger P. Safety and adjusting device for cord reel. 2,773,656, 12-11-56, Cl. 242-107.
- Becker, Rudolf, and W. Hartmann, to Gesellschaft für Lindes Elismaschinen Aktiengesellschaft. Apparatus for obtaining liquid oxygen. 2,737,784, 3-13-56, Cl. 62-123.
- Becker, Sam B., to Standard Oil Co. Refining hydrocarbon oils with BF<sub>3</sub> and perfluoroalkanoic acid. 2,754,252, 7-10-56, Cl. 196-31.
- Becker, Sylvan J., to Borg-Warner Corp. Clutch Belleville spring type. 2,738,864, 3-20-56, Cl. 192-69.
- Becker, Wilhelm, See—
- Logemann, Heino, Becker, and Bayer. 2,745,817.
- Logemann, Heino, Granlich, and Becker. 2,745,813.
- Schnell, Hermann, and Becker. 2,755,303.
- Schnell, Hermann, Becker, and Bayer. 2,768,991.
- Becker, Wilhelm, to Farbenfabriken Bayer Aktiengesellschaft. Cationomer of vinyl chloride and 1,1-dichloro-ethene. 2,769,803, 11-6-56, Cl. 260-30.5.
- Becker, Wilhelm, and O. Bayer, to Farbenfabriken Bayer Aktiengesellschaft. Process for chlorinating ethylene polymers in solution. 2,748,105, 5-29-56, Cl. 260-85.3.
- Beckers, Albert B., to Allen B. Du Mont Laboratories, Inc. Cathode ray tube. 2,754,147, 2-7-56, Cl. 315-23.
- Beckers, Hans, See—
- Fürst, Stefan, and Beckers. 2,754,071.
- Beckers, Norman L., See—
- Skeeters, Maxwell J., and Beckers. 2,775,624.
- Beckert, Charles H. Tube compressor and hanger. 2,742,190, 4-4-56, Cl. 102-100.
- Beckesh, Eugene R. Fishing lure. 2,755,591, 7-24-56, Cl. 43-42.5.
- Beckett, Donald E. and W. N., and W. T. Crannell, to Beckett-Harcum Co. Oscillator valve. 2,773,508, 12-11-56, Cl. 137-106.
- Beckett, Ernest S. Load compacting means for cargo space. 2,760,445, 8-28-56, Cl. 105-876.
- Beckett, Frederick J., to Esso Research and Engineering Co. Apparatus for continuous withdrawal of immiscible liquid phases from a settling zone. 2,767,848, 10-23-56, Cl. 210-51.
- Beckett-Harcum Co., See—
- Beckett, Donald E. and W. N., and Crannell. 2,773,508.
- Beckett, Leo G., and E. R. Wolfert, to Whirlpool-Seeger Corp. Household refrigerators of the two temperature type. 2,764,875, 10-2-56, Cl. 62-103.
- Beckett, Lewis R., See—
- Hosticka, Harold E., and Beckett. 2,749,499.
- Beckett, Reginald W. Air induction and tube system for fluid fuel burner. 2,748,843, 6-5-56, Cl. 158-4.
- Beckett, William N., See—
- Beckett, Thomas E. and W. N., and Crannell. 2,773,508.
- Beckette, Edmund S., to General Steel Castings Corp. Railway truck structure. 2,749,848, 6-12-56, Cl. 105-188.
- Beckham, Leland J., to Allied Chemical & Dye Corp. Ethylene oxide production. 2,734,906, 2-14-56, Cl. 260-348.5.
- Beckford, William E. Electric heater units. 2,739,213, 3-20-56, Cl. 201-67.
- Beckman, Arnold O., See—
- Negus, Robert W. 2,770,765.
- Beckman, Arnold O., and E. P. Arthur, to Beckman Instruments, Inc. Electrochemical electrode structure. 2,755,243, 7-17-56, Cl. 204-195.
- Beckman, Carl, and D. W. Jensen, to Burroughs Corp. Solderless terminal. 2,738,484, 3-13-56, Cl. 339-252.
- Beckman Instruments, Inc., See—
- Beckman, Arnold O., and Arthur. 2,755,243.
- Blanke, Gordon C. 2,734,162.
- B. W. Albert F. 2,768,295.
- Gilbert, Paul T., Jr. 2,756,203.
- Hare, George H., and Margets. 2,769,093.
- Beckman Instruments, Inc., See—Continued
- Hawes, Roland C., and Strickler. 2,770,531.
- Isborn, Carl L. 2,754,430.
- Madsen, Royal G., Stickney, and Hawes. 2,741,941.
- McCor, Howard B., and McAllister. 2,746,417.
- Molloy, Everett E. 2,735,947.
- Pickels, Edward G., and Scofield. 2,765,665.
- Toomin, Hershel, and Hare. 2,744,222.
- Beck's Inc., See—
- Beck, John T. 2,734,150.
- Beckton Dickinson and Co., See—
- Magash, Julius V., and Messineo. 2,736,992.
- Beckwith, Charles E., to Minneapolis-Honeywell Regulator Co. Mounting bracket for measuring instrument. 2,741,448, 4-10-56, Cl. 248-27.
- Beckwith, John O. Cigarette lighter. 2,771,762, 11-27-56, Cl. 67-7.1.
- Beckwith, Leo M., See—
- Binding, Kenneth W. 2,731,181.
- Binding, Kenneth W. 2,772,824.
- Binding, Kenneth W. 2,772,825.
- Beckwith Mfg. Co., See—
- Heaton, Walter H., and Morse. 2,734,289.
- Heaton, Walter H., and Morse. 2,758,045.
- Beckwith, Richard C. Methods and apparatus for controllably dispensing moisture bearing ingredients. 2,750,144, 6-12-56, Cl. 24-73.
- Beckwith, Sterling, to Allis-Chalmers Mfg. Co. Dynamoelectric machine with gas jet cooled lead conductors and terminal bushings. 2,742,583, 4-17-56, Cl. 310-57.
- Beckwith, Sterling, to Allis-Chalmers Mfg. Co. Disk spring for stator core. 2,761,987, 9-4-56, Cl. 510-255.
- Beckwith, Wendell K., to The Parker Pen Co. Writing instruments. 2,762,337, 9-11-56, Cl. 120-42.16.
- Beccoriti-Grubenaubau G. m. b. H., See—
- Haarmann, Arnold. 2,747,828.
- Becton, Dickinson and Co., See—
- Ferguson, Garwood W. 2,756,748.
- Ferguson, Garwood W. 2,764,977.
- Hill, Clifford W. 2,766,754.
- May, Edwin A. Re. 24,241.
- Molnari, Henry G. 2,748,538.
- Molnari, Henry G. 2,761,250.
- Molnari, Henry G., and Magash. 2,771,710.
- Morando, Emilio D. 2,755,801.
- Bedard, Paul H. Barking machine having an axially movable rotating drum carrying ringlike hammers. 2,733,742, 2-7-56, Cl. 144-208.
- Beddoes, John H., and V. J. Zitkus, to Owens-Illinois Glass Co. Apparatus for acid stamping glassware. 2,738,607, 3-20-56, Cl. 41-9.
- Bede, James A. Method of spray painting. 2,754,228, 7-10-56, Cl. 117-104.
- Bede, James A. Method of spray painting. 2,763,575, 9-8-56, Cl. 117-104.
- Bedell, Berkley W. Line measuring device. 2,747,286, 5-29-56, Cl. 33-134.
- Bedell, Harold L., R. T. Evans, and W. C. Fry, to Socony Mobil Oil Co., Inc. Asphalt and method of producing the same. 2,762,757, 9-11-56, Cl. 196-74.
- Bedell, Karl L., and J. H. Hollingsworth, to Holly Mfg. Co. Floor furnace. 2,745,398, 5-15-56, Cl. 126-116.
- Beder, Samuel L. Movable toy on rail. 2,774,182, 12-18-56, Cl. 46-32.
- Bedford, Alda V., to Radio Corp. of America. Stabilizing blocking oscillator circuits. 2,735,010, 2-14-56, Cl. 250-38.
- Bedford, Alda V., to Radio Corp. of America. Film shrinkage compensatory system. 2,750,442, 6-12-56, Cl. 178-7.1.
- Bedford, Alda V., to Radio Corp. of America. Vertical aperture compensation for cathode ray apparatus. 2,757,236, 7-31-56, Cl. 178-7.5.
- Bedford, Burnice D., See—
- Mittag, Albert H., and Bedford. 2,759,125.
- Bedford, Burnice D., to General Electric Co. Rapid response self-saturating magnetic amplifier. 2,733,306, 1-31-56, Cl. 179-171.
- Bedford, Burnice D., to General Electric Co. Magnetic separation of positive and negative ignitor firing pulses. 2,759,126, 8-14-56, Cl. 315-252.
- Bedford, Leslie H., to Marconi's Wireless Telegraph Co. Ltd. Color television transmission. 2,748,189, 5-29-56, Cl. 178-54.
- Bedford, William A., Jr., to United-Carr Fastener Corp. Molding fastener. 2,742,984, 4-24-56, Cl. 189-88.
- Bedford, William A., Jr., to United-Carr Fastener Corp. Fastening device. 2,744,708, 5-8-56, Cl. 248-73.
- Bedford, William A., Jr., to United-Carr Fastener Corp. Fastening device. 2,745,156, 5-15-56, Cl. 24-73.
- Bedford, William A., Jr., to United-Carr Fastener Corp. Resiliently retained fastener with flange detent. 2,745,458, 5-15-56, Cl. 151-41.75.
- Bedford, William A., Jr., to United-Carr Fastener Corp. Panel engaging fastening device. 2,746,110, 5-22-56, Cl. 24-73.
- Bedford, William A., Jr., to United-Carr Fastener Corp. Molding fastener. 2,754,561, 7-17-56, Cl. 24-213.
- Bedford, William A., Jr., to United-Carr Fastener Corp. Fastening device. 2,761,188, 9-4-56, Cl. 24-73.
- Bedford, William A., Jr., to United-Carr Fastener Corp. Fastening device for a support. 2,764,791, 10-2-56, Cl. 24-73.
- Bedford, William A., Jr., to United-Carr Fastener Corp. Panel fastening device. 2,775,010, 12-25-56, Cl. 24-73.

- Bedingfield, Sterling P. Oil well testing tool. Re. 24,236, Cl. 14-56, Cl. 16-56, 188.
- Bedingfield, Sterling P. Well tool. 2,736,382, 2-28-56, Cl. 166-128.
- Bedingfield, Sterling P. Oil well testing tool. 2,736,383, 2-28-56, Cl. 166-188.
- Bedker, Emma G. See—
- Bedker, Leo W. 2,748,633.
- Bedker, Leo W.  $\frac{1}{2}$  to E. G. Bedker. Thread rolling attachment. 2,748,633, 6-5-56, Cl. 80-6.
- Bednarczuk, Daniel. See—
- Bednarski, Marvin L. and Bednarczuk. 2,734,765.
- Bednarski, Ferdinand. Hinge for folding table. 2,763,889, 9-25-56, Cl. 16-130.
- Bednarz, Adolph. See—
- Bednarz, Eugene V. 2,762,995.
- Beduhn, Daniel E. to Manitowoc Engineering Corp. Dry cleaning apparatus. 2,759,346, 8-21-56, Cl. 68-18.
- Bee Chemical Co. See—
- Scott, A. B. and Wyrozumski. 2,743,490.
- Beebe, Frederick L. and C. H. Somers, to The Fry-Fryer Co. Valve for pressurized fire extinguishers. 2,753,945, 7-10-56, Cl. 169-31.
- Beebout, Forest O. Angle indicator. 2,775,044, 12-25-56, Cl. 33-221.
- Beech, Ronald W. Manufacture of fabric bindings or trimmings. 2,766,504, 10-16-56, Cl. 28-72.
- Beech Aircraft Corp. See—
- Hightower, Kenneth R. 2,759,177.
- Beech, Austin S., to Foundry Equipment Ltd. Foundry moulding machine. 2,752,647, 7-3-56, Cl. 22-36.
- Beech, Austin S., to Foundry Equipment Ltd. Foundry moulding apparatus. 2,752,453, 12-4-56, Cl. 22-36.
- Beech, James F. Cleaning apparatus for paint applicator rollers and the like. 2,773,274, 12-11-56, Cl. 15-3.
- Beech, Richard E. See—
- Beech, Thomas C. and R. T. 2,765,248.
- Beech, Thomas C. and R. T. Method of forming combined metal and plastic article. 2,765,248, 10-2-56, Cl. 154-110.
- Beechen Research Laboratories, Inc. See—
- Holland, David O. 2,775,616.
- Beecher, William J., to D. P. Bushnell. Combination binocular telescope and camera. 2,765,718, 10-9-56, Cl. 95-12.
- Beecroft, Julian B. Control system for power-operated moving members. 2,761,285, 9-4-56, Cl. 60-97.
- Beede, Arnold H., to Electrolux Corp. Fumigant-tight flexible containers. 2,755,013, 7-17-56, Cl. 229-65.
- Beede, Arnold H., to Electrolux Corp. Automatic vacuum cleaners. 2,764,255, 9-25-56, Cl. 183-37.
- Beegle, Lindley C. See—
- Hook, Edwin O., and Beegle. 2,731,415.
- Beegle, Lindley C., C. E. Funk, Jr., and E. O. Hook, to American Cyanamid Co. Lubricating oil compositions. 2,737,492, 3-6-56, Cl. 252-327.
- Beegle, Stewart M., to Reheis Co., Inc. Basic aluminium sulfamates and process for making them. 2,765,213, 10-2-56, Cl. 23-114.
- Bee-Line Co. See—
- Jacobsen, Le Roy V. 2,742,945.
- Jacobsen, Le Roy V., and Baker. 2,742,707.
- Beeman, Claude C., to Jackson & Church Co. Discharge structure for a pulp press. 2,747,499, 5-29-56, Cl. 100-147.
- Beeman, Lyle. Pressure switch. 2,754,388, 7-10-56, Cl. 200-83.
- Beemer, Paul K. See—
- Stelle, Allen M., Beemer, and Fuchs. 2,741,904.
- Stelle, Allen M., Beemer, and Fuchs. 2,742,318.
- Beemer, Paul K., to Preco Inc. Drive mechanism. 2,734,957, 2-14-56, Cl. 200-61,39.
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- Beemer, Jerome, and M. M. Grover, to Rubber and Asbestos Corp. Synthetic resins formed by heating together a phenol terpene resin with a phenol aldehyde resin. 2,741,651, 4-10-56, Cl. 260-443.
- Beemer, Ernest. Process and apparatus for renewing exhausted primary, more particularly dry, electric cells or batteries. 2,752,550, 6-26-56, Cl. 320-4.
- Beer, Walter A. See—
- Holm, Ralph L., Dalglis, Lager, Beer, and Mahoney. 2,754,073.
- Beer, William B., and R. C. Norris, to Dravo Corp. Concrete bucket. 2,738,218, 3-13-56, Cl. 294-70.
- Beerbaum, Friedrich, T. Grewe, and K. Steinbuch, to International Standard Electric Corp. Equalizer arrangement with an attenuator characteristic proportional to frequency. 2,737,629, 3-6-56, Cl. 333-28.
- Beeren, Francis H. J. Shoe polishing machine. 2,728,928, 1-3-56, Cl. 15-29.
- Beerman, Jack. Liquid transfer device. 2,767,744, 10-23-56, Cl. 141-319.
- Beers, George L., to Radio Corp. of America. Phonograph record storage system. 2,763,524, 9-18-56, Cl. 312-13.
- Beers, George L. Combined holder and carrying case for an electrical appliance. 2,773,663, 12-11-56, Cl. 248-814.
- Beers, Gerardus M. P. A., to Hartford National Bank and Trust Co., as trustee. Construction elements for contact banks in automatic telephone systems. 2,747,144, 5-22-56, Cl. 317-112.
- Beers, Leslie C. See—
- Schneible, Claude B., Lundy, and Beers. 2,763,337.
- Beers, Royce L. Leaf mulcher having a suction feed and a centrifugal pulverizer. 2,737,003, 3-6-56, Cl. 55-62.
- Berry, Lambert L. Antiskid device for vehicle tires. 2,735,472, 2-21-56, Cl. 152-242.
- Beery, Virgil R. Dual voltage control system. 2,769,924, 11-6-56, Cl. 307-34.
- Beese, Norman C. See—
- Atkinson, Russell H., and Beese. 2,768,517.
- Beese, Norman C., to the United States of America as represented by the United States Atomic Energy Commission. Method of purifying uranium. 2,768,873, 10-30-56, Cl. 23-5.
- Beese, Norman C., and D. E. Henry, to Westinghouse Electric Corp. Vapor lamps utilizing chemical compounds. 2,765,416, 10-2-56, Cl. 313-13.
- Beese, Norman C., and J. W. Marden, to the United States of America as represented by the United States Atomic Energy Commission. Electrolytic apparatus for the recovery of rare refractory metals. 2,773,826, 12-11-56, Cl. 204-245.
- Beesley, John H., to The General Electric Co. Ltd. Electrical signalling system. 2,766,326, 10-9-56, Cl. 179-18.
- Beeson, Donald M., to Esso Research and Engineering Co. Waterflooding method of secondary recovery. 2,771,138, 11-20-56, Cl. 166-9.
- Beeson, John D., to The Exact Weight Scale Co. Weighing scale apparatus with light beam indicating means. 2,731,880, 1-24-56, Cl. 88-34.
- Beethoven, Harry J. Rolling ball game. 2,744,753, 5-8-56, Cl. 273-125.
- Beeton, E. A., and A. E. Stafford, to Western Electric Co., Inc. Sample system for mass spectrometers. 2,767,319, 10-16-56, Cl. 250-41,9.
- Beets, Muus G. J., to N. V. Polak & Schwarz's Essenciefabriek. Invention for the preparation of novel perfumes containing an m-dioxane ring. 2,769,014, 10-30-56, Cl. 260-340,3.
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- Beetzley, Reginald R. Means for replacing timing gears on internal combustion engines. 2,728,977, 1-3-56, Cl. 29-283.
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- Curries, Albert G., and Rimple. 2,732,782.
- Johnson, Jacob G. 2,739,495.
- Rimple, Edward J. 2,730,940.
- White, John A., Jr. 2,741,173.
- Beggs, Harold T. See—
- Asch, Willard G., Beggs, and Amorose. 2,729,279.
- Beggs, Donald. See—
- De Vane, Fred D., and Beggs. 2,758,919.
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- Beggs, Donald, and E. R. Johnson, to Erie Mining Co. Indurating process. 2,772,958, 12-4-56, Cl. 75-5.
- Begin, Louis E., to The Dow Chemical Co. Esters of alpha-(2-dichlorophenoxy) propionic acid. 2,759,965, 8-21-56, Cl. 260-473.
- Begley, John W., to Phillips Petroleum Co. Pebble heat exchange chamber. 2,751,211, 6-19-56, Cl. 263-19.
- Begley, John W., to Phillips Petroleum Co. Improved pebble heat exchanger. 2,756,080, 7-24-56, Cl. 257-55.
- Begley, John W., and R. L. McIntire, to Phillips Petroleum Co. Pebble heat exchanger and process. 2,735,880, 2-21-56, Cl. 260-679.
- Begos, Woodrow A. See—
- Appelbaum, Sol, and Begos. 2,749,448.
- Béguelin, André, née Vacher. Apparatus for projecting kaileoscopic images. 2,762,257, 9-11-56, Cl. 88-24.
- Behlfeldt, Knut G. Angularly adjustable saw. 2,747,631, 5-8-56, Cl. 108-108.
- Behlfeldt, Knut G. Necktie supporting rack. 2,748,953, 6-5-56, Cl. 211-113.
- Behlen Mfg. Co. See—
- Behlen, Walter D. 2,742,114.
- Behlen, Walter D., to Behlen Mfg. Co. Prefabricated steel building. 2,742,114, 4-17-56, Cl. 189-1.
- Behnisch, Robert. See—
- Schmidt, Hans, Behnisch, and Schraufstatter. 2,768,970.
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- Behnke, Edward R. See—
- Scheller, Arthur P., and Behnke. 2,754,395.
- Behnke, Ervin E. Plant protector. 2,753,662, 7-10-56, Cl. 47-29.
- Behnke, George W., and R. G. Westcott, to Simplicity Engineering Co. Shaker conveying apparatus. 2,772,769, 12-4-56, Cl. 198-220.
- Behr, Erwin, to Allwood Inc. Apparatus for producing composite wooden boards and the like. 2,728,939, 1-3-56, Cl. 18-1.
- Behr, Joseph, & Sons, Inc. See—
- Akey, Robert R. 2,754,827.
- Behr, Leo J., and R. S. Hodges. Nonclog cap for spray dispensers. 2,737,416, 3-6-56, Cl. 299-95.
- Behr, Martin E., 50% to I. Panter. Vise having stepped movable jaws lockable to fixed jaw. 2,732,745, 1-31-56, Cl. 81-33.
- Behr, Peter H. See—
- Bellet, George R. 2,745,213.



- Behr, Siegfried. Lady's hair ornament. 2,775,245, 12-25-56, Cl. 132-46.
- Behrends, Dale F. : *See*—  
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- Behrendt, Ignatius F. : *See*—  
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- Behrendt, Julian F. and I. F. Grinding disk. 2,744,364, 5-8-56, Cl. 51-197.
- Behrens, Hans : *See*—  
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- Behrens, Herbert C., to Diebold, Inc. Combination locks. 2,775,113, 12-25-56, Cl. 70-133.
- Behrens, Wolfgang H. K. : *See*—  
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- Beideck, Kurt : *See*—  
V. Reibnitz, Bruno, Reumens, and Beideck. 2,731,364.
- Beier, Josef. Variable friction wheel gears. 2,743,621, 5-8-56, Cl. 74-199.
- Beierle, Gottfried H. Self adjusting garment hanger. 2,739,744, 3-27-56, Cl. 223-95.
- Beil, Forrest F., to Curtis Companies Inc. Multiple sash window operating mechanism. 2,754,553, 7-17-56, Cl. 20-42.
- Beiler, Jay M. : *See*—  
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Martin, Gustav J., Beiler, and Avakian. 2,769,817.
- Beilfuss, Harry R. : *See*—  
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- Beilfuss, Emil A. Grain drill. 2,755,751, 7-24-56, Cl. 111-84.
- Beintema, Chester D., to Hughes Aircraft Co. Cathode-ray storage tube system. 2,748,312, 5-29-56, Cl. 315-12.
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- Beitz, Richard C., to American Optical Co. Electric motor and control circuit. 2,751,538, 6-19-56, Cl. 318-345.
- Bejeuhr, Walter. Indicating static balancer. 2,738,680, 3-20-56, Cl. 73-480.
- Bejeuhr, Walter G. : *See*—  
Benson, Leslie A., and Bejeuhr. 2,770,283.
- Bekker, Johan G. Liquid dosing apparatus. 2,740,554, 4-3-56, Cl. 222-39.
- Bekker, Mieczyslaw G., to Her Majesty The Queen in the Right of Canada as represented by the Minister of National Defence. Tractor cleat and track. 2,738,237, 3-13-56, Cl. 300-10.
- Bekoff, Irving. Folding display paperboard box or cover. 2,771,986, 11-27-56, Cl. 206-45.3.
- Beland, Walter H. : *See*—  
Hensgen, Bernard T., and Beland. 2,760,248.
- Belanger, Sigvald. Folding container constructions. 2,741,391, 4-10-56, Cl. 220-6.
- Belasco, Irvin J., to E. I. du Pont de Nemours and Co. Ruminant feed containing ammonium formate. 2,755,187, 7-17-56, Cl. 99-2.
- Belcher, Clarence F., to E. I. du Pont de Nemours and Co. Process of preparing indolium styryl dyes. 2,734,901, 2-14-56, Cl. 260-240.9.
- Belcher, Harold H. Squeeze roll. 2,758,466, 8-14-56, Cl. 68-258.
- Belcher, Harold H., to Rodney Hunt Machine Co. Evaporator. 2,744,415, 12-18-56, Cl. 159-6.
- Belcher, Wallace J., to Minneapolis-Honeywell Regulator Co. Measuring apparatus. 2,755,020, 7-17-56, Cl. 235-61.
- Belchetz, Arnold, to The M. W. Kellogg Co. Catalytic conversion of hydrocarbons with the stripping of fouled catalyst particles. 2,731,398, 3-17-56, Cl. 196-52.
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- Belden, Charles W., and H. E. Northrop. Method of cutting flexible couplings. 2,744,449, 5-8-56, Cl. 90-4.
- Belden Mfg. Co. : *See*—  
Haworth, Howard H. 2,741,437.  
Haworth, Howard H., and Huth. 2,756,402.  
Olson, Einar R., and Miller. 2,750,437.  
Rapp, Howard C. 2,732,422.
- Beldon Mfg. Co. : *See*—  
Schelke, Robert K., and Huth. 2,748,387.
- Belin, Lauren F., to Collins Radio Co. Composite indicator mechanism. 2,765,764, 10-9-56, Cl. 116-124.1.
- Belejack, Stephen, and N. Feingold, to National Silver Co. Automatic buffing machine. 2,765,590, 10-9-56, Cl. 51-80.
- Belek, Emil, to Bell Telephone Laboratories, Inc. Wire wrapping tool for fine wires. 2,741,436, 4-10-56, Cl. 242-7.
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- Belser, Robert J. Flexible couplings. 2,740,271, 4-3-56, Cl. 11-1.
- Beif, Leon J., to The National Smelting Co. Ltd. Production of sulphuryl fluoride. 2,772,144, 11-27-56, Cl. 23-203.
- Belford, Dale : *See*—  
Thompson, Thomas F. 2,774,060.
- Belford, Richard. Gathering device. 2,732,242, 1-24-56, Cl. 94-31.
- Belgarde, Leo, to Fram Corp. Oil filters. 2,743,018, 4-24-56, Cl. 210-183.
- Belgard, Truly M. Hammer attachment. 2,747,835, 5-29-56, Cl. 254-26.
- Belis, Delmer J. Wallboard taping machine. 2,741,220, 4-10-56, Cl. 118-405.
- Belitz, Hans G., and O. F. Davis, to Commonwealth Engineering Co. of Ohio. Method of making corrosion resistant clad steel. 2,742,691, 4-24-56, Cl. 29-480.
- Belitz, Hans G., and O. F. Davis, to The Commonwealth Engineering Co. of Ohio. Method for gas plating. 2,763,576, 9-18-56, Cl. 117-104.
- Beliveau, Paul J., to Bridgeport Brass Co. Vitreous lubricated metal hot-working. 2,737,293, 3-6-56, Cl. 207-10.
- Belkowski, Jerzy : *See*—  
Senkowski, Alexander, and Belkowski. 2,741,323.  
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- Bell Aircraft Corp. : *See*—  
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O'Neill, Richard J. 2,759,062.
- Bell, Rogers, Cyril B. 2,739,769.
- Sinzelmann, Dietrich E., and Hall. 2,745,247.
- Bell Aktiengesellschaft : *See*—  
Herzer, Hermann. 2,742,937.
- Bell, Alan : *See*—  
Patterson, John L., and Bell. 2,756,124.
- Bell, Alan, to Eastman Kodak Co. Alkylated hydroquinone monoglycidyl ethers. 2,758,119, 8-7-56, Cl. 260-348.
- Bell, Alan, M. B. Knowles, and C. E. Tholstrup, to Eastman Kodak Co. Stabilization of fats and oils with 2,4,5-trihydroxybenzoic acid. 2,739,066, 3-20-56, Cl. 99-163.
- Bell, Alan, and W. V. McConnell, to Eastman Kodak Co. Bis-glycidyl ether of hindered dihydroxybenzenes and process for their manufacture. 2,739,160, 3-20-56, Cl. 260-348.
- Bell, Alan, and G. C. De Croes, to Eastman Kodak Co. Cellulose organic ester compositions containing an oxidation-resistant plasticizer. 2,743,187, 4-24-56, Cl. 106-150.
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- Bell, Arthur, and G. D. Horgan, to American Machine & Foundry Co. Manufacture of filter-tip cigarettes. 2,760,493, 8-28-56, Cl. 131-61.
- Bell Auto Parts, Inc. : *See*—  
Richter, Roy E. 2,763,005.
- Bell, Bernie F., and V. E. J. Morgan. Portable serving tray. 2,740-56, Cl. 105-61.
- Bell, Charles R., to Bendix Aviation Corp. Beam change pre-conditioner automatic pilots. 2,775,420, 12-25-56, Cl. 244-77.
- Bell, Edward M. Train unloader. 2,763,382, 9-18-56, Cl. 224-62.
- Bell, Edward R. : *See*—  
Van Winkle, John L., Bell, and Morris. 2,765,276.
- Bell, Elva L. Securing strip. 2,771,165, 11-20-56, Cl. 189-76.
- Bell, Floyd L. Cleaning and abrading tool. 2,728,929, 1-3-56, Cl. 104-01.
- Bell & Gossett Co. : *See*—  
Birkemeier, Henry P. 2,738,927.  
Birkemeier, Henry P. 2,751,053.  
Tidd, Edwin B. 2,774,848.
- Bell, Harry G., and J. D. Gay, Jr., to Gay-Bell Corp. Compaction machine. 2,734,450, 2-14-56, Cl. 100-99.
- Bell, Harry G., R. T. Heizer, Jr., and J. D. Gay, Jr., to Gay-Bell Corp. Hogshead loader and compactor. 2,766,782, 10-16-56, Cl. 141-73.
- Bell, Henry G., to Paramount Textile Machinery Co. Apparatus for packaging hosiery blanks. 2,737,324, 3-6-56, Cl. 22-110.
- Bell, Henry G., to Adams-Millis Corp. Stocking construction and method. 2,762,215, 9-11-56, Cl. 66-173.
- Bell & Howell Co. : *See*—  
Badalich, Frank C. 2,774,472.  
Koerber, Henry J., Jr. 2,773,446.  
Schuessler, Frank J. 2,730,571.  
Weber, John P., Jr. 2,768,242.  
Perzentka, Thomas R., and Plettner. 2,773,418.
- Bell, Jan C. M. : *See*—  
Ashcroft, Donald G., and Bell. 2,747,257.
- Bell, John, to Imperial Chemical Industries Ltd. Soldering bit. 2,758,191, 8-7-56, Cl. 219-26.
- Bell, John, F. H. Cannon, and G. A. Mundy, to Muirhead & Co. Ltd. Facsimile apparatus. 2,729,818, 1-10-56, Cl. 348-101.
- Bell, John B., Jr., and J. D. Malkemus, to Jefferson Chemical Co., Inc. Process of preparing oxazolidones. 2,755,286, 7-17-56, Cl. 260-307.
- Bell, John B., Jr., to Jefferson Chemical Co., Inc. Isolation of acetylenic diol from a mixture also containing propylene glycol. 2,775,623, 12-25-56, Cl. 260-637.
- Bell, John F., and L. E. Matthews, to Zenith Radio Corp. Frequency-selective electrical network. 2,753,457, 7-3-56, Cl. 250-40.
- Bell, John F., and R. M. Nordby, to Zenith Radio Corp. Multiband frequency selector and frequency converter. 2,771,547, 11-20-56, Cl. 250-20.
- Bell, Leo R., to American Machine & Foundry Co. Infeed conveyor flight adjusting mechanism. 2,736,421, 2-28-56, Cl. 198-168.
- Bell, Leroy. Hydraulic dredge ladder. 2,762,136, 9-11-56, Cl. 37-87.
- Bell Machine Co., The : *See*—  
Poster, Theodore D. 2,772,709.

- Bell, Norton W.: *See*—  
     Robinson, Charles F., Bell, Piccirillo, and Perkins. 2,772,367.  
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     Howarth, Arthur N. 2,747,173.  
     Webb, Christopher F. 2,756,932.  
     Webb, Christopher F. 2,773,647.  
 Bell, Ralph E., to Kirsch Co. Antifriction extension rod and track. 2,736,055, 2-28-56, Cl. 16—95.  
 Bell, Raymond M., to Pacific Alrmotive Corp. Aircraft cabin pressure regulator. 2,737,873, 3-13-56, Cl. 98—1.5.  
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     Bihler, Roger, and Bell. 2,733,752.  
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     Abbott, George F., Jr. 2,762,865.  
     Aikens, Andrew J., Botsford, Boysen, Dietze, Goodale, and Ingilis. 2,732,436.  
     Albersheim, Walter J. 2,756,390.  
     Aisberg, Dietrich A. 2,760,015.  
     Anderson, Alva E. 2,746,121.  
     Anderson, John R. 2,732,528.  
     Rachelet, Albert E., and Bomba. 2,746,028.  
     Bacon, Walter M., Knaedel, Krecke, and Locke. 2,766,318.  
     Baker, William O., and Grisdale. 2,736,642.  
     Baker, William O., and Winslow. 2,758,940.  
     Bangert, John T. 2,730,680.  
     Bangert, John T. 2,733,415.  
     Barber, Charles C. 2,763,737.  
     Barsley, Joseph H. 2,745,308.  
     Barlow, Dick S., and Crofut. 2,749,387.  
     Barry, Joseph F. 2,753,495.  
     Beck, Alfred C. 2,741,740.  
     Becker, Joseph A., and Waltz. 2,740,940.  
     Belek, Emil. 2,741,436.  
     Belek, Emil. 2,746,124.  
     Belek, Emil. 2,760,731.  
     Bellows, Brian C., Jr. 2,745,011.  
     Black, Harold S. 2,769,861.  
     Black, Harold S., and Clogston. 2,768,147.  
     Black, Harold S., and Morgan. 2,769,150.  
     Blair, Royer R. 2,763,817.  
     Blair, Royer R. 2,749,512.  
     Blair, Royer R. 2,749,517.  
     Blair, Royer R. 2,754,467.  
     Blount, Frank E. 2,733,401.  
     Bode, Hendrik W. 2,755,424.  
     Bogert, Bruce P. 2,757,345.  
     Bond, Walter L. 2,734,317.  
     Bond, Walter L. 2,768,557.  
     Bonomi, Felix A. 2,737,614.  
     Bostwick, Lee G. 2,747,092.  
     Bowen, Arnold E. 2,745,039.  
     Boyd, Richard C. 2,748,266.  
     Bredehoft, Harold A. 2,733,435.  
     Brewer, Sherman T. 2,759,130.  
     Brooks, Chester E., Lovell, McGuigan, Murphy, and Parkerson. 2,764,834.  
     Brooks, Chester E., McGuigan, and Murphy. 2,738,382.  
     Brown, Clayton B., Hampton, and Thiel. 2,774,821.  
     Brown, John T. L., and Pollard. 2,769,875.  
     Buehler, Ernest, and Teal. 2,768,914.  
     Burton, Joseph A. 2,774,695.  
     Carbrey, Robert L. 2,755,459.  
     Caruthers, Robert S. 2,730,576.  
     Case, Robert L., Jordan, and Kleist. 2,730,579.  
     Chaffee, Joseph G. 2,759,182.  
     Chase, Fay H. 2,751,345.  
     Chase, Fay H. 2,751,349.  
     Chase, Fay H. 2,751,350.  
     Chase, Fay H. 2,751,359.  
     Chen, Wayne H. 2,733,424.  
     Christensen, Howard. 2,746,129.  
     Cicciolella, David F. 2,763,050.  
     Clogston, Albert M. 2,769,148.  
     Clogston, Albert M. 2,769,170.  
     Collins, Robert J., Reynolds, and Stilwell. 2,759,861.  
     Collins, Ted R. D. 2,763,718.  
     Corenzwit, Ernest, and Matthias. 2,763,548.  
     Crump, Elmo E. 2,743,439.  
     Cutler, Cassius C. 2,760,141.  
     Cutler, Cassius C. 2,767,396.  
     Dalton, John F., Fischer, and Turnbull. 2,770,692.  
     Daschke, Arthur W. 2,767,377.  
     Depp, Wallace A. 2,745,958.  
     Dickten, Emil, Jr., Riesz, and Wallace. 2,748,349.  
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     Doba, Stephen, Jr., and Morrison. 2,733,436.  
     Drugan, Walter T. 2,740,066.  
     Duane, William R. G., Jr. 2,756,418.  
     Dudley, Homer W., and Homer. 2,771,509.  
     Duncan, Robert S. 2,751,497.  
     Dunlap, Kermit S., and Ferrell. 2,754,368.  
     Dunlap, Kermit S., and Lovell. 2,774,822.  
     Early, James M. 2,767,358.  
     Ehrhardt, Robert A. 2,753,299.  
     Ekstrand, Sture O., and Haggis. 2,746,123.  
     Elliott, Stanley J., Thomas, and Worley. 2,775,407.  
     Enright, Donald J. 2,754,374.  
     Felch, Edwin P. 2,775,699.  
     Felch, Edwin P., and Merrill. 2,743,367.  
     Felker, Jean H. 2,745,012.  
     Felker, Jean H. 2,758,787.  
     Felker, Jean H. 2,760,087.  
     Fletcher, Robert C. 2,760,156.  
     Fletcher, Robert C. 2,768,322.  
     Finn, Morris E. 2,775,536.  
     Follingstad, Henry G. 2,763,837.  
     Fox, Arthur G. 2,740,094.  
     Fox, Arthur G. 2,746,014.  
     Fox, Arthur G. 2,760,166.  
     Frantz, Glenn R. 2,747,163.  
     Fris, Harold T. 2,773,978.  
     Fritsch, Walter W., and Lucke. Re. 2,4117.  
     Fritsch, Walter W., and Weaver. 2,765,371.  
     Fuller, Calvin S. 2,740,700.  
     Fuller, Calvin S. 2,771,382.  
     Gansett, Danforth K. 2,745,068.  
     Gardner, Leland A., and Rysko. 2,770,670.  
     Glass, Myron S. 2,751,499.  
     Goddard, Charles T., and Wittwer. 2,747,138.  
     Goff, Harold W. 2,761,508.  
     Goodall, William M. 2,733,410.  
     Goodall, William M. 2,763,981.  
     Goss, Frank A., Jr. 2,734,975.  
     Graef, Robert P. 2,765,430.  
     Graham, Robert E. 2,740,901.  
     Graham, Robert E. 2,740,912.  
     Graham, Robert E. 2,764,677.  
     Graham, Robert S., and Sperry. 2,760,164.  
     Gray, Preston R. 2,764,636.  
     Grisdale, Richard O., and Sauer. 2,739,371.  
     Hagelbarger, David W., and Walker. 2,745,984.  
     Hamilton, Billy H. 2,759,142.  
     Hannay, Norman B. 2,743,200.  
     Hanson, Robert C., and Koch. 2,736,771.  
     Harrison, Charles W., and Nielsen. 2,771,517.  
     Harrison, Henry C. 2,775,662.  
     Harry, William R. 2,735,009.  
     Hewitt, William H., Jr. 2,745,069.  
     Hewitt, William H., Jr. 2,749,507.  
     Hill, Henry E., and Parkinson. 2,744,215.  
     Hines, Marion E. 2,745,013.  
     Hines, Marion E. 2,767,344.  
     Hogan, Clarence L. 2,748,353.  
     Hogan, Clarence L. 2,768,354.  
     Holden, Lawrence T. 2,765,366.  
     Holden, Lawrence T., and Stevens. 2,766,866.  
     Holden, William H. T. 2,739,187.  
     Holden, William H. T. 2,740,583.  
     Hollenberg, Arthur V. 2,742,588.  
     Houtz, Charles C., and Sheehan. 2,739,275.  
     Houtz, Charles C., and McLean. 2,756,373.  
     Howson, Louis. 2,774,872.  
     Hunt, Loyd E., and Schafer. 2,738,417.  
     Ingerson, William E., and Lovell. 2,757,283.  
     Israel, John O. 2,775,701.  
     Jakes, William C. Jr. 2,775,761.  
     Jeanne, Armand L., Keller, and White. 2,731,517.  
     Joel, Amos E., Jr. 2,761,900.  
     Keith, Clyde R., and Nickerson. 2,761,899.  
     Killy, Hugh P. 2,760,155.  
     Kelsay, Leroy W. 2,767,713.  
     Kernahan, John J., and Lozier. 2,775,727.  
     Ketchledge, Raymond W. 2,729,753.  
     Ketchledge, Raymond W. 2,751,442.  
     Ketchledge, Raymond W. 2,753,526.  
     King, Archie P. 2,750,912.  
     King, Archie P. 2,751,384.  
     King, Archie P. 2,760,171.  
     King, John H., and Kleinfelder. 2,771,502.  
     Kinzer, John P., Marshall, and Sproul. 2,767,260.  
     Kircher, Raymond J. 2,759,179.  
     Kirkpatrick, William E. 2,740,837.  
     Kleinack, Joseph J., and Siftner. 2,736,200.  
     Knowlton, Clarence S. 2,734,164.  
     Kock, Winston E. 2,733,438.  
     Kock, Winston E. 2,736,894.  
     Kock, Winston E. 2,747,184.  
     Kock, Winston E. 2,769,171.  
     Koehler, Donald C. 2,754,680.  
     Koerner, Lawrence F. 2,764,731.  
     Koenig, Walter, Jr. 2,733,303.  
     Koenig, Walter, Jr. 2,733,304.  
     Kreer, John G., Jr. 2,740,824.  
     Kreer, John G., Jr. 2,769,149.  
     Krom, Myron R., and Kuchas. 2,732,435.  
     Laico, Joseph P. 2,772,939.  
     Leed, Daniel. 2,743,362.  
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 Mason, Warren P. 2,742,614.  
 Mason, Warren P., and McKimlin. 2,774,042.  
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 Matlack, Richard C., Metzger, Miller, and Vroom. 2,733,297.  
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 Pfann, William G. 2,763,731.  
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 Pfeiffer, Kenneth W. 2,763,840.  
 Pierce, John R. 2,730,647.  
 Pierce, John R. 2,733,933.  
 Pierce, John R. 2,740,838.  
 Pierce, John R. 2,749,463.  
 Pierce, John R. 2,751,518.  
 Pierce, John R. 2,761,915.  
 Pierce, John R. 2,768,328.  
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 Samuel, Arthur L. 2,774,066.  
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 Shower, Edmund G. 2,732,614.  
 Simkins, Quinton W. 2,763,841.  
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 Staples, Elliot M. 2,733,299.  
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 Thomas, Donald E. 2,767,243.  
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 Treptow, Arnold W. 2,753,221.  
 Walker, Laurence R. 2,746,036.  
 Wallace, Robert L., Jr. Re. 2,4183.  
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Bellack, John. Replaceable window sills. 2,752,016, 6-26-56, Cl. 189-75.

Bellamy, Clyde H. Movable seat. 2,742,952, 4-24-56, Cl. 135-14.

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Bellamy, John C., to Cook Electric Co. Method and apparatus for recording and reproducing data. 2,771,596, 11-20-56, Cl. 340-177.

Bellamy, John I., and P. W. Hemminger, to International Telephone and Telegraph Corp. Transmitter for a remote supervisory and control system. 2,729,813, 1-8-56, Cl. 340-359.

Bellar, Menno. Paper and magazine rack and baler. 2,747,498, 5-29-56, Cl. 160-34.

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Beller, Fritz. Heavy oil internal combustion engines. 2,753,852, 7-10-56, Cl. 123-32.

Beller, Ray M., to Belson Mfg. Co. Folding table and seat structure for picnic tables and the like. 2,748,837, 6-5-56, Cl. 156-1.

Bellet, Paul, and G. Amiard, to UCLAF. Glucoside colchicoside and a method of making same. 2,734,014, 2-7-56, Cl. 167-65.

Bellett, George R., to P. H. Behr. Game device. 2,745,213, 5-15-56, Cl. 46-1.

Bellett, George R., and D. C. Porter, to D. C. Porter. Electrical self-energized toy. 2,752,730, 7-3-56, Cl. 46-247.

Belli, August. Bag sealing machine. 2,740,244, 4-3-56, Cl. 53-137.

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- Bellini, Robert, and W. H. Kibbie. Tool for use in splicing and dead-ending electrical conductors. 2,731,291, 1-17-56, Cl. 294-19.
- Bellio, Louis M. Safety switch assembly. 2,771,532, 11-20-56, Cl. 200-168.
- Bellis, Donald C.: *See*—  
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- Belliss & Morcom Ltd.: *See*—  
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- Bellman, Brian M.: *See*—  
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- Bellmann, Reinhold, to Dixi S. A. Holding device for tools, particularly for horizontal boring machines. 2,768,831, 10-30-56, Cl. 279-6.
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- Bello, Pablo D. Material container with self-valving dispenser. 2,740,562, 4-3-56, Cl. 222-410.
- Bellomonte, Ugo. Process and apparatus for manufacturing tubes, tanks and hollow bodies generally from metal in sheet form and from. 2,763,922, 9-25-56, Cl. 29-548.
- Bellomo, Andrea. Homokinetic ball joints. 2,737,790, 8-13-56, Cl. 64-21.
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- Bellon, François B., and J. L. M. H. Lenoir. Magnetic element for apparatus designed to determine the direction of a magnetic field. 2,770,890, 11-20-56, Cl. 33-222.
- Bellon, Ralph J., and I. J. Ferdinand, to S. A. Hirsh Mfg. Co. Shelf bracket. 2,767,950, 10-23-56, Cl. 248-243.
- Bellows, Brian C., Jr., to Bell Telephone Laboratories, Inc. Very high frequency gas discharge noise source. 2,745,011, 5-5-56, Cl. 250-36.
- Bellows, Foy E. Hand supportable clamp and bench mount therefor. 2,731,863, 1-24-56, Cl. 81-41.
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Armstrong, Godfrey P., Bewley, Jackson, Bellringer, Bramwyche, and Wilkins. 2,750,424.  
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- Bellringer, Frederick J., to The Distillers Co., Ltd. Manufacture of hydrogen cyanide. 2,746,843, 5-22-56, Cl. 23-151.
- Belluque, Jacques, to Compagnie Generale de Telegraphie Sans Fil. Devices for detecting and measuring magnetic fields. 2,757,335, 7-31-56, Cl. 324-47.
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- Belmont, Emanuel, to Sprague Electric Co. Process for introducing impurities. 2,759,895, 8-21-56, Cl. 252-62.3.
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- Hornbostel, Lloyd. 2,732,772.
- Hornbostel, Lloyd. 2,732,772.
- Hornbostel, Lloyd. 2,744,453.
- Hornbostel, Lloyd. 2,748,668.
- Hornbostel, Lloyd. 2,749,031.
- Hornbostel, Lloyd. 2,761,358.
- Justus, Edgar J. 2,755,032.
- Nessee, Alonzo A., and Beachler. 2,736,507.
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- Youngchild, Casper E. 2,748,669.
- Belokin, Paul Jr., to Modern Tackle Co. Device for attaching a weight to a fishline. 2,736,026, 2-28-56, Cl. 1-187.
- Belon, Paul L.: *See*—  
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- Beloungie, Lawrence W., to Raytheon Mfg. Co. Arithmetic adders. 2,765,115, 10-2-56, Cl. 235-61.
- Belpedio, Jobby, Can opener. 2,736,958, 3-6-56, Cl. 30-6.1.
- Belser, Richard B., to The Georgia Tech Research Institute. Method of molding to thin metallic films and to non-metallic substances. 2,746,140, 5-22-56, Cl. 29-471.1.
- Belser, Richard B., to The Georgia Tech Research Institute. Method of coating silicious material with indium. 2,746,886, 5-22-56, Cl. 117-123.
- Belsky, Frederick H., to General Electric Co. Magnetic amplifier. 2,730,574, 1-10-56, Cl. 179-171.
- Belshaw, A., Inc.: *See*—  
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- Belshaw, Philip L., to Imperial Chemical Industries Ltd. Anthraquinone dyestuffs. 2,766,262, 10-9-56, Cl. 260-376.
- Belshaw, Thomas E., and W. B. Dough dispensing machine. 2,742,198, 4-17-56, Cl. 222-287.
- Belshaw, Walter R.: *See*—  
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- Belsky, Jerome, to Talco Engineering Co., Inc. Cartridge actuated shears. 2,759,262, 8-21-56, Cl. 30-272.
- Belsky, Robert C., and T. B. and G. B. Klarfeld, to Ready, Inc. Mop having a disposable mop pad. 2,764,774, 10-2-56, Cl. 15-228.
- Belsky, Theodore B.: *See*—  
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- Belson Mfg. Co.: *See*—  
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- Belt, Salem F., to Monsanto Chemical Co. Production of formaldehyde cyanohydrin. 2,752,383, 6-26-56, Cl. 260-446.8.
- Beltman, George C., and D. H. Sweet, said Sweet to said Beltman. Grain car door. 2,752,994, 7-3-56, Cl. 160-368.
- Beltz, Daniel and R. E. Apparatus for collecting products of fractionation. 2,755,008, 7-17-56, Cl. 226-96.
- Beltz, Richard B.: *See*—  
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- Belz, Paul D., to the United States of America as represented by the Secretary of the Navy. Sliding hinge. 2,731,320, 1-17-56, Cl. 312-323.
- Belz, Raymond. Apparatus for pasting shoe parts. 2,729,195, 1-3-56, Cl. 118-505.
- Beman, Estey G. Air brake safety device. 2,754,805, 7-17-56, Cl. 121-38.
- Beman, Floyd L., to The Dow Chemical Co. Dialkylamino-alkyl esters of phenyl substituted dihydroxybenzoic acids. 2,759,964, 8-21-56, Cl. 260-473.
- Beman, Floyd L., to The Dow Chemical Co. Esters of phenyl substituted dihydroxybenzoic acids. 2,759,966, 8-21-56, Cl. 260-473.
- Beman, Floyd L., to The Dow Chemical Co. Hydrazides of dihydroxybenzoic acids. 2,763,684, 9-18-56, Cl. 260-559.
- Beman, Floyd L., and E. C. Britton, to The Dow Chemical Co. Preparation of salicylanilide. 2,763,683, 9-18-56, Cl. 260-559.
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- Bemis Bro. Bag Co.: *See*—  
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- Kindseth, Harold V. 2,742,199.
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- Kindseth, Harold V. 2,763,458.
- Kindseth, Harold V. 2,767,743.
- Kindseth, Harold V. 2,768,667.
- Kindseth, Harold V., Hopkins, and Fox. 2,766,001.
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- Ottinger, August F. 2,734,541.
- Ottinger, August F. 2,739,755.
- Scorgis, Thomas M. 2,772,699.
- Thompson, Jay D. 2,768,926.
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- Bemis, Harvey B. Fishhook. 2,750,704, 6-19-56, Cl. 43-43.
- Bemis, Thomas F. Disposable cardboard pan, end forms and inserts. 2,775,019, 12-25-56, Cl. 25-131.5.
- Bemis, Robert P., 1/4 each to A. M. Austin, W. D. Lynch, and W. E. Jason. Cellular carton. 2,750,099, 6-12-56, Cl. 229-28.
- Bemmels, Cyrus W., to Permacel Tape Corp. Adhesive tape. 2,750,314, 6-12-56, Cl. 154-53.5.
- Bemmels, Cyrus W., to Permacel Tape Corp. Adhesive tapes. 2,750,316, 6-12-56, Cl. 154-53.5.
- Benader, George B., to General Electric Co. Surface wiring devices. 2,738,492, 3-13-56, Cl. 339-164.
- Benader, George B., to General Electric Co. Pull-operated switch with arc snuffer. 2,752,442, 6-26-56, Cl. 200-51.15.
- Benader, George B., to General Electric Co. Convenience outlet with protective rotating shutters. 2,752,581, 6-26-56, Cl. 339-41.
- Benader, George B., to General Electric Co. Combined appliance outlet and fuse holder. 2,756,401, 7-24-56, Cl. 339-36.
- Benader, George B., and K. C. Johnson, to General Electric Co. Wire terminal connector. 2,762,022, 9-4-56, Cl. 339-47.
- Benapff, John R., to Consolidated Electrodynamics Corp. Heat compensating device. 2,775,707, 12-25-56, Cl. 250-41.9.
- Benbow, Curtis W. Drill press. 2,771,797, 11-27-56, Cl. 77-29.
- Benbow, James D.: *See*—  
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- Benbury, Lemuel S., and R. F. Connelly, to Bray Chemical Co. Corrosion preventive oils. 2,739,126, 3-20-56, Cl. 252-33.4.
- Benchemoul, Norbert R. Electric relays of the liquid resistance type. 2,732,460, 1-24-56, Cl. 200-114.
- Benckiser, John A., G. m. b. H. Chemische Fabrik: *See*—  
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- Bendall, Wilfrid H. Resilient gear couplings. 2,737,033, 3-6-56, Cl. 64-14.
- Bendall, Wilfrid H. Flexible link chain. 2,770,143, 11-13-56, Cl. 74-245.
- Bendall, Wilfrid H. Flexible link chain. 2,770,144, 11-13-56, Cl. 74-245.



- Bendar, Arthur Z., to Eastman Oil Well Survey Co. Barrel closure for survey instrument. 2,764,310, 9-25-56, Cl. 220—40.
- Bendell, Sidney L., to Radio Corp. of America. Electromagnetic focus coil for cathode ray tube. 2,763,805, 9-18-56, Cl. 313—84.
- Bender, Charles E., to Virtis Co., Inc. Mixing equipment. 2,766,022, 10-9-56, Cl. 259—122.
- Bender, Edward G., C. Oates, Jr., and W. J. Phane,  $\frac{1}{2}$  to Chance Vought Aircraft, Inc. and  $\frac{1}{2}$  to The Goodyear Tire & Rubber Co. Expellant bladder type fuel cell. 2,736,356, 2-28-56, Cl. 150—05.
- Bender, Harry, to Stauffer Chemical Co. Method of killing arthropod pests and composition therefor. 2,750,324, 6-12-56, Cl. 167-30.
- Bender, Howard L., A. G. Farnham, and J. W. Guyer, to Union Carbide and Carbon Corp. Diglycidyl thioethers of dithiols containing oxygen preparation, and reaction products. 2,731,437, 1-17-56, Cl. 260—42.
- Bender, Howard L., A. G. Farnham, and J. W. Guyer, to Union Carbide and Carbon Corp. Unsymmetrical diphenyl methanes. 2,744,882, 5-8-56, Cl. 260—47.
- Bender, Howard L., A. G. Farnham, J. W. Guyer, and T. B. Gibb, to Union Carbide and Carbon Corp. Triphenylols. 2,754,335, 7-10-56, Cl. 260—69.
- Bender, Lawrence A., to National Development Corp. Fire-place form. 2,752,691, 7-3-56, Cl. 33—174.
- Bender, Leon W. Oil filter. 2,732,075, 1-24-56, Cl. 210—140.
- Bender, Werner, and J. Arni, to Tessa S. A. Magnifying glass with a grip. 2,732,761, 1-31-56, Cl. 89—39.
- Bender, Willy, to Pintsch Bogen Aktiengesellschaft. Method of and means for circulating a heat-transferring liquid in a closed system. 2,740,583, 4-3-56, Cl. 237—56.
- Bendersky, Sadie. Means for converting a bed to a chair. 2,766,463, 10-16-56, Cl. 5—92.
- Bendisen, Olaf T., to Lockhead Aircraft Corp. Actuating and locking mechanism. 2,772,060, 11-27-56, Cl. 244—102.
- Benditt, Albert, and C. W. Musser, to the United States of America as represented by the Secretary of the Army. Dual control firing mechanism. 2,759,398, 8-21-56, Cl. 89—27.
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- Alexander, William G., and Harden. 2,747,178.
- Anthony, Elmer C. 2,774,853.
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- Barford, Frederik. 2,733,960.
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- Bervins, James E., and Hyde. 2,734,792.
- Bervins, James E., and Hyde. 2,737,453.
- Bervins, James E., and Hyde. 2,754,069.
- Bervins, James E., and Hosford. 2,767,580.
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- Blanchard, Allen W. 2,740,260.
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- Camp, Leon W. 2,774,892.
- Clayton, Joseph F. 2,759,233.
- Crosby, Edward L., Jr., and Pfund. 2,751,443.
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- Dickey, John W. 2,732,709.
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- Digby, James J. 2,752,794.
- Dingman, Glen H. 2,761,996.
- Dombeck, Edward K. 2,770,325.
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- Donjon, Jacques P. A. 2,755,375.
- Dorland, Robert R. 2,736,540.
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- Erie, Donald Z. 2,744,540.
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- Franklin, Paul W. 2,759,470.
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- Fricke, Guy C., and Hansen. 2,749,265.
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- Funston, Frederick D. 2,754,806.
- Gartner, Lawrence E. 2,746,004.
- Gerwig, Larry L. 2,744,386.
- Gerwig, Larry L. 2,749,741.
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- Gilbert, Samuel. 2,755,642.
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- Goepprich, Rudolph A., and Mossey. 2,762,458.
- Goldberg, Harold. 2,740,112.
- Goldberg, Harold. 2,740,893.
- Gordon, James F. 2,760,030.
- Gore, Warren J. 2,736,784.
- Grafinger, Louis N., and O'Connor. 2,729,061.
- Greenfield, Alexander. 2,739,301.
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- Haus, Harold G. 2,740,084.
- Hargrove, Atwood H. 2,751,493.
- Hastings, Donald F. 2,746,573.
- Haugen, Glenn L., and Wofford. 2,744,956.
- Hazen, Edward J. 2,736,499.
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- Bentley, Desmond M. Weighing the output of lifting and lowering machines. 2,758,830, 8-14-56, Cl. 265—5.
- Bentley, Edward P., and C. S. Draper, to Research Corp. Gyroscopic apparatus. 2,752,684, 7-3-56, Cl. 33—46.5.
- Bentley Engineering Co. Ltd. : *See*—  
Deans, Frederick E. 2,745,269.
- Deans, Frederick E., and Wainwright. 2,755,645.
- Deans, Frederick E., Wainwright, and Mountain. 2,754,668.
- Maner, Charles F. 2,737,793.
- Bentley, Ephraim G., to Northrop Aircraft, Inc. Escapement type incremental motor. 2,753,016, 7-3-56, Cl. 158—85.
- Bentley, James S., to Teleflex Inc. Guiding conduit. 2,774,382, 12-18-56, Cl. 138—56.
- Bentley, John E. : *See*—  
Bannister, Bryant, and Bentley. 2,750,187.
- Bentley, Raymond B. Tape wrapping machine and method. 2,767,535, 10-23-56, Cl. 53—198.
- Bentley, Robert H., to The Arrow-Hart & Hegeman Electric Co. Electric switch with slow break. 2,738,390, 3-13-56, Cl. 200—70.
- Bentley, George K., to McCray Refrigerator Co., Inc. Adjustable mezzanine shelf for refrigerated display cases. 2,744,807, 5-8-56, Cl. 312—351.

- Benton, Arron: *See*—  
Skannel, James A., and Benton. 2,768,715.
- Benton, Arron, and J. A. Skannel. Window frame hardware. 2,763,037, 9-18-56, Cl. 20—42.
- Benton, Charles H., and C. D. Robeson, to Eastman Kodak Co. Crystallizable pentaene aldehyde complexes. 2,765,343, 10-2-56, Cl. 260—598.
- Benton, Charles H., and C. D. Robeson, to Eastman Kodak Co. Crystallizable pentaene aldehyde complexes. 2,765,344, 10-2-56, Cl. 260—598.
- Benton, David W., and P. O. Benton. Amusement device. 2,760,778, 8-28-56, Cl. 273—131.
- Benton, Frank W. Fish clamps. 2,757,951, 8-7-56, Cl. 294—16.
- Benton, Harold Z. Perforating machine for thermoplastic films. 2,748,863, 6-5-56, Cl. 164—99.
- Benton, Philip O.: *See*—  
Benton, David W. and P. O. 2,760,778.
- Bentov, Itzhak. Method of making laminated plastic tubing. 2,766,160, 10-9-56, Cl. 154—83.
- Bentrup, Henry D. Automatic dam. 2,729,944, 1-10-56, Cl. 69—29.
- Bertz, Ralph W., to Eastman Kodak Co. Antioxidant concentrates comprising reaction products of mixed glycerides as solvent carriers. 2,772,243, 11-27-56, Cl. 252—399.
- Bertz, Russell A. Book wrapper. 2,762,553, 9-11-56, Cl. 229—40.
- Benna, Louis P.: *See*—  
Fischer, Harry C., and Benna. 2,734,347.  
Fischer, Harry C., and Benna. 2,734,357.  
Fischer, Harry C., and Benna. 2,766,005.
- Benvenuti, Giulio. Razor with skin stretching means. 2,766,521, 10-16-56, Cl. 30—34.
- Benvenuti, Ottavio. Gasifying devices. 2,751,202, 6-19-56, Cl. 261—47.
- Benya, George E., to Chrysler Corp. Retainer clip. 2,742,249, 4-17-56, Cl. 248—65.
- Benyak, John B., to The Osborn Mfg. Co. Cup brush. 2,755,496, 7-24-56, Cl. 15—180.
- Benz, Fritz: *See*—  
Wettstein, Albert, and Benz. 2,734,015.  
Wettstein, Albert, and Benz. 2,734,017.
- Benz, George R., and L. C. Bearer, to Phillips Petroleum Co. Manufacture of fuel gas. 2,738,262, 3-13-56, Cl. 43—190.
- Benz, Leonhardt W. Structural unit. 2,746,580, 5-22-56, Cl. 189—37.
- Benzien, Fritz E. P., to Colgate-Palmolive Co. Transfer apparatus. 2,741,381, 4-10-56, Cl. 214—309.
- Benzien, Fritz E. P., to Colgate-Palmolive Co. Valve operation. 2,747,122, 12-18-56, Cl. 137—1.
- Beranek, James, to Borg-Warner Corp. Commutator assembly device. 2,765,521, 10-9-56, Cl. 29—205.
- Beranek, Rudolph B., to American Blower Corp. Hub structures. 2,757,027, 7-31-56, Cl. 287—52.06.
- Berch, Henry. Motorized carrier for multiple golf bags. 2,772,113, 1-27-56, Cl. 296—24.
- Berardinelli, Nicola O. Buttonhole positioner. 2,741,851, 4-17-56, Cl. 33—190.
- Berardinelli, Nicola O. Pattern for coat button placement. 2,741,852, 4-17-56, Cl. 33—190.
- Berger, Harry. Compartment container for garment labels. 2,749,198, 6-5-56, Cl. 312—252.
- Berberich, Leo J., and H. M. Philofsky, to Westinghouse Electric Corp. Flexible bonded mica insulation. 2,763,315, 9-18-56, Cl. 154—2.6.
- Berberich, Willi. Apparatus for binding piles of sheets. 2,730,142, 1-10-56, Cl. 140—92.3.
- Berberich, Willi. Device for interlocking loose leaves. 2,754,826, 7-17-56, Cl. 129—1.
- Berchielli, Aldo S., to Yardney International Corp. Battery electrode and process for making same. 2,754,348, 7-10-56, Cl. 136—125.
- Berck, William F., to Ralph N. Brodie Co. Air eliminator valve. 2,745,511, 5-15-56, Cl. 183—2.5.
- Bercovitz, Bernard: *See*—  
McKean, James A. 2,755,740.
- Berch-Hilge, Philipp, P. Schreiner, W. Blessing, and R. Stöhr, to P. Hilge. Pump for liquid fluids, drugs and liquid chemicals. 2,773,454, 12-11-56, Cl. 103—97.
- Berdis, Albert J., to United States Steel Corp. Apparatus for prevention of coil breaks. 2,734,551, 2-14-56, Cl. 153—54.
- Bergow, Alex, and H. Berigow. Retractable fastener for sport shirt. 2,756,432, 7-31-56, Cl. 2—128.
- Berend, Paul C. Constructional element. 2,767,001, 10-16-56, Cl. 287—54.
- Beresford, Hobart: *See*—  
Collins, Edgar V., and Beresford. 2,765,542.
- Beresford, James, and Son Ltd.: *See*—  
Penlington, Thomas E. 2,742,597.
- Beresin, Morris. Artificial teeth and method of assembling same. 2,775,035, 12-25-56, Cl. 32—8.
- Berestneff, Alexis A., to Carrier Corp. Absorption refrigeration systems. 2,775,097, 12-25-56, Cl. 62—5.
- Beretvas, Helen S., to Standard Oil Co. Extreme pressure lubricant. 2,759,893, 8-21-56, Cl. 252—37.2.
- Berezyn, Mischa N. Automatic car spraying apparatus. 2,732,844, 1-31-56, Cl. 134—45.
- Berg, Clyde H. O., to Union Oil Co. of California. Conveyance of granular solids. 2,739,845, 3-27-56, Cl. 302—29.
- Berg, Clyde H. O., to Union Oil Co. of California. Process and apparatus for the elutriation of solids. 2,743,814, 5-1-56, Cl. 209—132.
- Berg, Clyde H. O., to Union Oil Co. of California. Catalytic process and apparatus for reforming and then hydrofining naphtha, using a common catalyst. 2,758,059, 8-7-56, Cl. 190—25.
- Berg, Clyde H. O., to Union Oil Co. of California. Hydrogen production process and apparatus. 2,759,799, 8-21-56, Cl. 23—213.
- Berg, Clyde H. O., to Union Oil Co. of California. Process for treating hydrocarbons in a moving bed with solid particles at different temperature levels. 2,759,878, 8-21-56, Cl. 196—52.
- Berg, Clyde H. O., to Union Oil Co. of California. Process for hydrocarbon conversion with the use of a moving bed of catalysts at different temperature levels. 2,759,879, 8-21-56, Cl. 196—52.
- Berg, Clyde H. O., to Union Oil Co. of California. Adsorption process and apparatus. 2,764,252, 9-25-56, Cl. 133—4.2.
- Berg, Clyde H. O., and J. E. Hines, Jr., to Union Oil Co. of California. Conveyance of granular solids. 2,730,407, 1-10-56, Cl. 302—17.
- Berg, Clyde H. O., and C. J. Welsh, to Union Oil Co. of California. Handling of granular solids. 2,748,497, 6-5-56, Cl. 34—168.
- Berg, Elaine. Head coverings. 2,742,646, 4-24-56, Cl. 2—197.
- Berg, Elaine. Head preventing hair net and method and apparatus for its manufacture. 2,742,910, 4-24-56, Cl. 132—49.
- Berg, Elaine,  $\frac{1}{2}$  to R. H. Wendt and  $\frac{1}{2}$  to F. P. Peters. Anti-drip device for coffee cups and the like. 2,750,770, 6-19-56, Cl. 65—65.
- Berg, Elaine. Workers' caps. 2,759,191, 8-21-56, Cl. 2—197.
- Berg, Elmer W., and E. J. Johnston, to International Harvester Co. Power actuated reel operating means. 2,770,939, 11-20-56, Cl. 56—222.
- Berg, Franklin, to International Telephone and Telegraph Corp. Subminiature tube socket assembly. 2,758,292, 8-7-56, Cl. 339—193.
- Berg, Herbert, C. Darr, and H. Wilhelm, to Siemens & Halske, Aktiengesellschaft. Chatterless contact arrangement for relays. 2,766,357, 10-9-56, Cl. 200—166.
- Berg, Josef: *See*—  
Ziesche, Kurt, and Berg. 2,740,273.
- Berg, Leo. Air cylinder locking means for spinning mold fixtures. 2,740,159, 4-3-56, Cl. 18—26.
- Berg, Morris J. Snow suit (easily detachable garment). 2,769,177, 11-6-56, Cl. 2—30.
- Berg, Robert H., to Aircraft-Marine Products Inc. Electrical connector and method of manufacture. 2,748,456, 6-3-56, Cl. 29—193.5.
- Berg, Quentin, to Aircraft-Marine Products Inc. Electrical connector and method. 2,759,161, 8-14-56, Cl. 339—97.
- Berg, Quentin, to Aircraft-Marine Products, Inc. Electrical connector and method. 2,760,195, 8-28-56, Cl. 1—177.
- Berg, Ralph L., to Controls Co. of America. Direction-controlling means for electric synchronous motors. 2,766,863, 10-16-56, Cl. 192—4.
- Berg, Robert H., to International Minerals & Chemical Corp. Control means for centrifugal multistage process. 2,738,258, 3-13-56, Cl. 23—270.
- Berg, Robert H., to International Minerals & Chemical Corp. Lever control mechanism. 2,745,293, 5-15-56, Cl. 74—471.
- Berg, Robert L.: *See*—  
Bushnell, James D., and Berg. 2,772,220.
- Berg, Robert L., and G. D. Ward, to Esso Research and Engineering Co. Fluid hydroforming. 2,768,124, 10-23-56, Cl. 196—50.
- Berg, Sven M. Apparatus for treating hair with liquids. 2,774,095, 12-18-56, Cl. 15—137.
- Berg, Sverre, to Eric Forge Co. Forging method and apparatus. 2,743,500, 5-1-56, Cl. 29—6.
- Berg, William F., to A. O. Smith Corp. Large capacity heat exchanger. 2,729,432, 1-3-56, Cl. 257—137.
- Berg, William F., to A. O. Smith Corp. Heat exchanger with removable tube banks. 2,729,433, 1-3-56, Cl. 257—241.
- Bergan, Martin D., to The Thomas & Betts Co. Method of forming dead end connectors. 2,734,263, 2-14-56, Cl. 29—433.
- Bergan, Martin D., to The Thomas & Betts Co. Y-shaped wire and cable tap. 2,748,366, 3-29-56, Cl. 339—243.
- Bergan, Martin D., to The Thomas & Betts Co. Method and blank for securing a cable repair sleeve to a cable. 2,759,256, 8-21-56, Cl. 29—515.
- Bergbom & Co. A.-B.: *See*—  
Swede, Harald. 2,773,580.
- Bergdall, Norman E.: *See*—  
Zerante, James A., and Bergdall. 2,772,504.
- Berge, Raymond G.: *See*—  
Bradley, George G., and Berge. 2,761,060.
- Bergin, Richard S., and B. E. Sealander, to Republic Aviation Corp. Supervisory circuit for ambient condition detector. 2,742,634, 4-17-56, Cl. 340—213.
- Bergen, Stephen A., to Evershed & Vignoles Ltd. Proportional band adjusting electrical control apparatus. 2,748,330, 6-29-56, Cl. 318—22.
- Bergner, Alexandre: *See*—  
Lemont, Harold E., Jr., and Berger. 2,751,988.
- Berger-Amour: *See*—  
Berger, Sol J., and Jacobson. 2,735,203.



- Berger, Arpad P.: *See*—  
Piperoux, Rene P., Berger, and Diemer. 2,730,175.
- Berger Brothers Co., The: *See*—  
Champagne, Emory C. 2,733,445.  
Champagne, Emory C. 2,760,199.  
Champagne, Emory C. 2,772,417.  
Versoy, Irving R., and Moller. 2,772,686.
- Berger, C. L., and Sons, Inc.: *See*—  
Churgin, Leopold, and Grundberg. 2,731,873.  
Churgin, Leopold, and Grundberg. 2,746,155.
- Berger, Daniel S. Saliva ejector. 2,742,701, 4-24-56, Cl. 32-33.
- Berger, Donald E.: *See*—  
Miller, Elmer C. and Berger. 2,771,149.
- Berger, Edward. Container for growing strawberry plants. 2,756,541, 7-31-56, Cl. 47-34.
- Berger, Emil J., and H. W. Matthews, to Dextdale Hosiery Mills. Textile treating apparatus. 2,736,105, 2-28-56, Cl. 34-45.
- Berger Engineering Co.: *See*—  
Troyer, Marc D. 2,757,037.
- Berger, Frank M., C. V. Hubbard, and B. J. Ludwig, to Carter Products, Inc. Dimethyl-chloro-phenoxy propanols. 2,734,087, 2-7-56, Cl. 260-613.
- Berger, Frank M., and S. L. Pletcher, to Carter Products, Inc. Perspiration inhibiting composition. 2,734,847, 2-14-56, Cl. 167-90.
- Berger, Hans: *See*—  
Gund, Konrad, Berger, and von Sanden. 2,773,183.
- Berger, Irving J., to Premier-Hall Mfg. Co. Closure and resiliently yieldable hinge means therefor. 2,763,527, 9-18-56, Cl. 312-325.
- Berger, Jacob: *See*—  
Gottfried, Louis. 2,760,218.
- Berger, Jacob,  $\frac{1}{2}$  to L. Gottfried. Beach or lounge chair. 2,752,929, 7-56, Cl. 135-5.
- Berger, Johannes, to C. Zeiss. Three component photographic objective. 2,760,406, 8-28-56, Cl. 88-57.
- Berger, Johannes, and G. Lange, to Carl Zeiss. Photographic objective comprising four air spaced meniscus shaped components. 2,744,447, 6-8-56, Cl. 88-57.
- Berger, Johannes, and G. Lange, to C. Zeiss. Four component Gauss type photographic objective. 2,748,656, 6-5-56, Cl. 88-57.
- Berger, John H.: *See*—  
Cunningham, Frederick C., Berger, and Rinckhoff. 2,737,448.
- Berger, Ketudus N., and J. P. Norton, to Hughes Aircraft Co. High speed oscillating device. 2,773,665, 12-11-56, Cl. 253-1.
- Berger, Sol J., and O. W. Jacobson, to Berger-Amour. Advertising display devices and method for forming and assembling the same. 2,735,203, 2-21-56, Cl. 40-128.
- Bergeron, Alfred L.: *See*—  
Vergobio, Robert W., and Bergeron. 2,754,644.
- Bergeron, Alfred L., to Pneumatic Scale Corp. Ltd. Vacuum filling machine. 2,768,655, 10-30-56, Cl. 141-65.
- Bergeron, Frank E. Apparatus for applying lubricant to threaded connections. 2,760,885, 8-28-56, Cl. 166-243.
- Berges, Donald M., to Borg-Warner Corp. Air turbine driven pump. 2,752,858, 7-3-56, Cl. 103-97.
- Bergeson, Harold B. Welding rod holder. 2,758,185, 8-7-56, Cl. 219-8.
- Bergin, Charles R., to The Torrington Mfg. Co. Spring coiling machine. 2,765,022, 10-13-56, Cl. 153-65.
- Berggren, Detlof E., to Hartford National Bank and Trust Co., as trustee. Tilting X-ray medical examination table. 2,775,496, 12-25-56, Cl. 311-6.
- Berggren, Eric E. Automobile transmission hoist. 2,730,244, 1-10-56, Cl. 212-28.
- Berghaus, Bernhard, and H. Bueck, said Bueck assignor to said Berghaus. Passing an electric conductor through the bounding walls of discharge vessels. 2,762,945, 9-11-56, Cl. 313-185.
- Berghoff, Norbert G., to Wayne Home Equipment Co. Inc. Oil burner. 2,761,735, 9-4-56, Cl. 299-107.
- Bergholtz, Willy, and H. Plitschka, to International Standard Electric Corp. Circuit arrangement for pulse controlled telephone systems. 2,744,160, 5-1-56, Cl. 179-16.
- Berglund, Gunnar. Combined pulling and tilting device for signaling blinds. 2,759,535, 8-21-56, Cl. 160-168.
- Bergling, Charles G., to Duplex International S. A. Device for sawing plastic masses. 2,771,872, 11-27-56, Cl. 125-18.
- Bergman, Carl A., to Standard Duplicating Machines Corp. Automatic raising mechanism for feed trays. 2,750,804, 6-19-56, Cl. 212-28.
- Bergman, Carl A., to Standard Duplicating Machines Corp. Fluid supply system for duplicating machines. 2,764,180, 9-25-56, Cl. 137-453.
- Bergman, Donald J., to Universal Oil Products Co. Fractionating apparatus. 2,753,166, 7-3-56, Cl. 261-114.
- Bergman, Eric, to Sibel Sales Corp. Devices for connecting desk tops together. 2,759,779, 8-21-56, Cl. 311-4.
- Bergman, Herbert R. Articulated conduit coupling with interior detent. 2,762,636, 9-11-56, Cl. 285-184.
- Bergman, William E., to Phillips Petroleum Co. Manufacture of quaternary. 2,735,858, 2-21-56, Cl. 260-448.
- Bergmann, Erick W. Machine tool construction. 2,729,144, 1-3-56, Cl. 90-20.
- Bergmann, Ernst R., to Goodman Mfg. Co. Duckbill slewing apparatus. 2,761,550, 9-4-56, Cl. 198-220.
- Bergmann, Ernst R., to Goodman Mfg. Co. Shaker conveyors. 2,772,770, 12-4-56, Cl. 198-220.
- Bergmann, Felix, and S. Sar El.  $\alpha,\beta$ -unsaturated ketones and their preparation. 2,750,408, 6-12-56, Cl. 260-476.
- Bergmann, Paul F., to Johnson Products, Inc. Hydraulic tappet anti-varnish structure. 2,752,901, 7-3-56, Cl. 123-30.
- Bergmann, Paul F., to Johnson Products, Inc. Hydraulic valve tappet. 2,760,470, 8-28-56, Cl. 123-30.
- Bergmann, Jan, and E. W. van Heuven, to Hartford National Bank and Trust Co. Apparatus comprising a fastening device. 2,745,623, 5-15-56, Cl. 248-358.
- Bergquist, Frank H.,  $\frac{1}{4}$  to P. S. Harper,  $\frac{1}{4}$  to C. L. Harper, and  $\frac{1}{4}$  to Harris Trust and Savings Bank, as trustee of the Philip S. Harper Trust, and  $\frac{1}{4}$  to Harris Trust and Savings Bank, as trustee of the Carolyn L. Harper Trust. Gas valves. 2,763,810, 10-9-56, Cl. 137-625.12.
- Bergson, Arnold, to Jack & Heintz, Inc. Transient control relay. 2,746,007, 5-15-56, Cl. 322-76.
- Bergson, Gustav. Backlash compensating mechanism. 2,763,161, 9-18-56, Cl. 74-409.
- Bergstedt, Dale C.: *See*—  
Klumb, George H., Schulze, and Bergstedt. 2,736,698.
- Bergstein, Frank D.: *See*—  
Nerenberg, Robert W. 2,775,388.
- Bergstein, Frank D., to The Bergstein Packaging Trust. Cartridge seal by internal end flooding. 2,764,044, 7-10-56, Cl. 229-31.
- Bergstein Packaging Trust, The: *See*—  
Bergstein, Frank D. 2,754,044.
- Bergstein, Robert M. 2,731,170.
- Bergstein, Robert M. 2,747,766.
- Bergstein, Robert M. 2,747,771.
- Bergstein, Robert M. 2,754,028.
- Nerenberg, Robert W. 2,775,388.
- Bergstein, Robert M.: *See*—  
Nerenberg, Robert W. 2,775,388.
- Bergstein, Robert M., to The Bergstein Packaging Trust. Fully partitioned collapsible bottle carrier. 2,731,170, 1-17-56, Cl. 220-113.
- Bergstein, Robert M., to The Bergstein Packaging Trust. Single row carrier. 2,747,766, 5-29-56, Cl. 200-113.
- Bergstein, Robert M., to The Bergstein Packaging Trust. Reinforced single row carrier. 2,747,767, 5-29-56, Cl. 220-113.
- Bergstein, Robert M., to The Bergstein Packaging Trust. Reinforced bottle carrier. 2,754,028, 7-10-56, Cl. 220-113.
- Bergstein, Seymour, and R. H. Lenhard, to American Cyanamid Co.  $\Delta^4$ -pregnenes. 2,773,058, 12-4-56, Cl. 280-239.55.
- Bergsten, Mary E.: *See*—  
Bergsten, Ralph A. 2,746,373.
- Bergsten, Peter A.: *See*—  
Bergsten, Ralph A. 2,746,373.
- Bergsten, Ralph A.,  $\frac{1}{4}$  to M. E. Bergsten and  $\frac{1}{4}$  to P. A. Bergsten. Window guard and ventilator. 2,746,373, 5-22-56, Cl. 98-98.
- Bergstrand, Richard H., to The Moline Tool Co. Transfer tables. 2,771,172, 11-20-56, Cl. 198-19.
- Bergstrom, Carl P., to Crompton & Knowles Loom Works. Replenishing loom with rotary magazine. 2,737,853, 147-56, Cl. 139-232.
- Bergstrom, Carl P., to Crompton & Knowles Loom Works. Weft replenishing loom with rotary magazine. 2,754,854, 7-17-56, Cl. 139-232.
- Bergstrom, Carl V. House trailer. 2,757,418, 8-7-56, Cl. 219-8.
- Bergstrom, Clarence G.: *See*—  
Dodson, Raymond M., and Bergstrom. 2,750,380.
- Bergstrom, Clarence G., to G. D. Searle & Co. 10,13-dimethyl-17-acetyl-perhydro-15H-cyclopenta [a] phenanthrene-2,3-dione. 2,748,150, 5-29-56, Cl. 260-397.4.
- Bergstrom, Eric V., to Socony Mobil Oil Co., Inc. Reforming cycle gas by thermocompressor. 2,756,192, 7-24-56, Cl. 196-52.
- Bergstrom, Eric V., to Socony Mobil Oil Co., Inc. Hydrocarbon conversion process and apparatus therefor. 2,756,193, 7-24-56, Cl. 196-52.
- Bergstrom, Eric V., to Socony Mobil Oil Co., Inc. Plug valve. 2,757,895, 8-7-56, Cl. 251-174.
- Bergstrom, Eric V., to Socony Mobil Oil Co., Inc. Nozzle for charging liquid hydrocarbons to a moving bed hydrocarbon conversion system. 2,766,073, 10-9-56, Cl. 299-121.
- Bergstrom, Eric V., to Socony Mobil Oil Co., Inc. Method and apparatus for hydrocarbon conversion. 2,766,187, 10-9-56, Cl. 196-52.
- Bergstrom, Eric V., to Socony Mobil Oil Co., Inc. Gas disengager. 2,774,440, 12-18-56, Cl. 183-1.
- Bergstrom, Eric V., and E. R. J. Sorf, to Socony Mobil Oil Co., Inc. Method and apparatus for continuously removing fines from a moving bed conversion system. 2,772,223, 11-27-56, Cl. 196-52.
- Bergstrom, Eric V., and E. J. Sorf, to Socony Mobil Oil Co., Inc. Method and apparatus for effecting conversion of hydrocarbons. 2,772,225, 11-27-56, Cl. 196-52.
- Bergstrom, Erik K. L., to Alimanna Brandrekskapsaffaren Aktiebolag. Method for manufacturing sleeve shaped details and an apparatus for performing the method. 2,748,732, 6-5-56, Cl. 113-1.
- Bergström, Ernst R., N. R. Fagerqvist, and Å. O. M. Norman, to Vibro-Plus Corp. Variable amplitude vibrator. 2,774,244, 12-18-56, Cl. 74-61.
- Bergström, Gunnar A. Dental articulators. 2,763,061, 9-18-56, Cl. 32-32.

- Bergstrom, Harold A., to Continental Can Co., Inc. Drum for liquids and semi-liquids. 2,775,384, 12-25-56, Cl. 229-5.5.
- Bergstrom, Harold A., to Continental Can Co., Inc. Composite can with quick-opening lap seam. 2,775,395, 12-25-56, Cl. 229-51.
- Bergstrom, Hilding O. V.: *See—*
- Bergtoback, Karl G., and Bergstrom. 2,772,240.
- Bergstrom, Lars O., and K. E. W. Hjelm, to Aktiebolaget Bofors. Safety device for the explosive head of missile. 2,730,046, 1-10-56, Cl. 102-81.
- Bergstrom, Ralph E., to Whiting Corp. Long tube vertical evaporator. 2,741,303, 4-10-56, Cl. 159-46.
- Bergstrom, Roland F., T. S. Hodgson, and H. E. Hook, to Shell Development Co. Method of oil testing and composition therefor. 2,770,530, 11-13-56, Cl. 23-230.
- Bergtholdt, George C., and K. S. Jaeger, to Surface Combustion Corp. Control system for furnace alternatively fired by gas and oil fuels. 2,758,637, 8-14-56, Cl. 158-11.
- Bergvall, Knut L., E. B. Dahlberg, B. G. W. Egerstrom, and N. Nilsson, to Aktiebolaget Boforsforsknings, Panel presses. 2,758,618, 8-14-56, Cl. 144-281.
- Bergwerksgesellschaft Hibernia: *See—*
- Steinle, Walter, and Exner. 2,762,699.
- Bergwerksverband zur Verwertung von Schutzrechten der Kohientechnik G. m. b. H.: *See—*
- Reerink, Wilhelm, Mischenborn, and Nötzold. 2,769,537.
- Berigow, Harry: *See—*
- Beregov, Alex, and Berigow. 2,756,432.
- Beringer, George E., to Bendix Aviation Corp. Process of shaping tubing. 2,741,824, 4-10-56, Cl. 29-538.
- Beringer, George E., and W. E. Sanders, to Bendix Aviation Corp. Method of making a shock strut. 2,733,503, 2-7-56, Cl. 29-553.
- Berk, Bernard: *See—*
- Bartels, Charles R., Berk, and Bryan. 2,765,302.
- Berk, Kenneth E.: *See—*
- Hott, Ion V. K., and Berk. 2,733,777.
- Berke, Aaron. Collapsible trays. 2,749,018, 6-5-56, Cl. 229-41.
- Berkey, Ralph L., to Kleinschmidt Laboratories, Inc. Electrical permutation selector switch. 2,759,046, 8-14-56, Cl. 178-33.
- Berkeley, Arnold D. Changeable display mechanisms. 2,754,605, 7-17-56, Cl. 40-31.
- Berkeley Industries: *See—*
- Gordon, Murray A. 2,775,379.
- Leebow, Albert A. 2,733,846.
- Berkeley, Laurence J. Continuous longitudinal seam welding apparatus. 2,766,368, 10-9-56, Cl. 219-60.
- Berkeley Machine Products: *See—*
- Federstein, Harry C., and J. J. 2,765,890.
- Berkeley Scientific Corp. and J. J. 2,765,890.
- Corl, John L., and Gundelfinger. 2,735,066.
- Berkepeis, Lukas, to American Enka Corp. Cone holding apparatus. 2,746,689, 5-22-56, Cl. 242-46.3.
- Berker, Otto. Furniture housing for a portable sewing machine. 2,738,248, 3-13-56, Cl. 312-29.
- Berker, Ralph C. Drawing rolls. 2,734,233, 2-14-56, Cl. 19-135.
- Berker, Ralph C. Stop-motion device. 2,734,956, 2-14-56, Cl. 200-61.18.
- Berkey, Harry L., to Landis Machine Co. Combined tool for cutting threads in one direction of rotation and counter-sinking in the reverse direction. 2,767,412, 10-23-56, Cl. 10-140.
- Berkis, Harriett L. Removable decorations for clothing. 2,748,517, 6-5-56, Cl. 41-34.
- Berkley, Carl, to Allen B. Dumont Laboratories, Inc. Continuously variable pulse delay system. 2,762,984, 9-11-56, Cl. 333-31.
- Berkley Machine Co.: *See—*
- Winkler, Richard, and Dunnebie. 2,770,303.
- Berkman, Sophia, to Transonic Corp. Replaceable catalytic plug for internal combustion engines. 2,744,211, 5-1-56, Cl. 313-143.
- Berkowicz, Josefina, and R. Turcan. Clamping strap for blankets. 2,772,460, 12-4-56, Cl. 24-72.5.
- Berkowitz, Bernard, to Sperry Rand Corp. Horn antenna system. 2,738,896, 2-7-56, Cl. 343-776.
- Berkowitz, Raymond S., to the United States of America as represented by the Secretary of the Army. Absolute value system. 2,764,679, 9-25-56, Cl. 250-27.
- Berkowitz, Samuel M.: *See—*
- Linker, Solomon E., and Berkowitz. 2,734,756.
- Berlant, Edmund. Container for developing tanks. 2,748,677, 6-5-56, Cl. 95-89.
- Berlant, Sigmund. Developing tank. 2,748,678, 6-5-56, Cl. 95-90.5.
- Berlin, Dennis. Child's chair for automobile. 2,764,222, 9-25-56, Cl. 155-11.
- Berlin, Dennis. Auxiliary automobile seat. 2,774,411, 12-18-56, Cl. 155-79.
- Berliner, Henry A. Fence formed of sheet material. 2,740,613, 4-3-56, Cl. 256-21.
- Berliner, Henry A. Cooking utensil. 2,775,684, 12-25-56, Cl. 219-44.
- Berliner Optische Werkstätten G. m. b. H.: *See—*
- Deutscher, Rolf. 2,763,185.
- Berliner, Victor R., W. C. Mende, and H. O. Singher, to Orho Pharmaceutical Corp. Spermicidal composition. 2,752,284, 6-26-56, Cl. 167-58.
- Berlin, Heinz R. Garment hanger linkage. 2,753,143, 7-3-56, Cl. 248-317.
- Berluti, Ercle R. Clip applying devices. 2,769,978, 11-13-56, Cl. 1-187.
- Berman, Aaron R.: *See—*
- Rogow, Seymour, and Berman. 2,734,996.
- Berman, Edith A. Folding lap desk. 2,763,522, 9-18-56, Cl. 311-25.
- Berman, Hymie D. Visual display device. 2,775,048, Cl. 1-56.
- Berman, Hymie D. 35-35.
- Berman, Irvin, to Sylvania Electric Products Inc. Contact rectifiers and methods. 2,762,953, 9-11-56, Cl. 317-234.
- Berman, Robert: *See—*
- Goldstein, Jacob M., and Berman. 2,736,917.
- Berman, Robert A. Plastic inflatable blood pressure cuff. 2,758,593, 7-14-56, Cl. 128-2.05.
- Bermingham, Peter D. Two-piece fluid seal. 2,750,214, 6-12-56, Cl. 286-10.
- Bermingham, Peter D. Mechanical oil seal. 2,750,215, 6-12-56, Cl. 286-11.
- Bermueller, Richard, to The Lovable Brassiere Co. Wire for brassieres. 2,762,055, 9-11-56, Cl. 2-264.
- Bernard, Arthur A., to National Cylinder Gas Co. Roll crusher for such metals as aluminum and zirconium, with means to reduce the static charges in the crusher output. 2,733,866, 2-7-56, Cl. 241-159.
- Bernard, John W., to The Dow Chemical Co. Spring loaded galvanic anode assembly. 2,758,080, 8-7-56, Cl. 204-197.
- Bernard, Silvere S. L. Device for assembling fabrics of synthetic material such as superpolyamide. 2,762,323, 9-11-56, Cl. 112-123.
- Bernardi, Alfredo N. Reamer. 2,761,335, 9-4-56, Cl. 77-73.
- Bernardin Bottle Cap Co., Inc.: *See—*
- Brown, Winthrop L. 2,767,878.
- McGee, John M. 2,756,652.
- Bernart, William F.: *See—*
- Russell, Alva G., and Bernart. 2,774,537.
- Bernat, Henri: *See—*
- Bernat, Raoul and H. 2,774,375.
- Bernat, Louis: *See—*
- Shaw, Albert E., and Moon. 2,749,392.
- Bernat, Raoul, deceased, and H. Bernat; said H. Bernat, sole heir of said R. Bernat. Automatic shut-off valves. 2,774,375, 12-18-56, Cl. 137-516.19.
- Bernat, William V. Rust filter or protector. 2,758,721, 8-14-56, Cl. 210-169.
- Bernd, Walter E.: *See—*
- Ophuls, Fred, and Bernd. 2,733,055.
- Berndt, Arthur A., to Electroline Co. Rope thimble. 2,729,480, 1-3-56, Cl. 287-81.
- Bernsdton, John O., to The Snow-Nabstet Gear Corp. Reverse gears. 2,734,401, 2-14-56, Cl. 74-792.
- Berne, William E. Attachment for operating tables. 2,735,738, 2-21-56, Cl. 311-10.
- Berner, Harry M., A. E. F. Johnson, C. W. Ensminger, and K. G. C. Savke, to American Hospital Supply Corp. Table top structure for overbed tables. 2,733,110, 1-31-56, Cl. 311-38.
- Berner, Harry M., and F. A. Blaschfeld, to American Hospital Supply Corp. Bag holder. 2,759,695, 8-21-56, Cl. 248-95.
- Berner, Philip J., and J. D. Connell, to General Motors Corp. Switch. 2,729,713, 1-3-56, Cl. 200-61.54.
- Berner, Philip J., and J. D. Connell, to General Motors Corp. Attachment. 2,732,448, 1-24-56, Cl. 200-61.56.
- Berner, Robert G., and E. D. Bollinger, to Deering Milliken Research Corp. Sizing of textile yarn. 2,743,194, 4-24-56, Cl. 117-139.5.
- Bernet, Armin H. Combined sponge and brush toilet bowl cleaner. 2,738,529, 3-20-56, Cl. 15-115.
- Bernet, Edwin J., to Institute of Textile Technology. Imperfection counter. 2,739,239, 3-20-56, Cl. 250-27.
- Bernet, Edwin J., to Institute of Textile Technology. Automatic evaluator. 2,774,940, 12-18-56, Cl. 324-102.
- Berney, Joseph C. Selective point pencils. 2,737,155, 3-6-56, Cl. 120-14.5.
- Bernhardt, Adolph C., Jr., to G. E. Green and C. W. Leahady. Coin assembler and wrapper. 2,736,478, 2-28-56, Cl. 226-14.
- Bernhardt, Ernest C., to E. I. du Pont de Nemours and Co. Injection-extrusion apparatus. 2,774,105, 12-18-56, Cl. 18-12.
- Bernhart, Alv W., to Higgins, Inc. Self releasing hook. 2,732,246, 1-24-56, Cl. 294-83.
- Berndl, Rene P., to Heyden Chemical Corp. Process for the decolorization and purification of p-hydroxybenzoic acid. 2,749,383, 6-5-56, Cl. 260-521.
- Bernier, Al F., and J. O. Dulak. Garment hangers. 2,757,834, 8-7-56, Cl. 223-88.
- Bernier, Carl J., and O. B. Goldsmith, to Sylvania Electric Products Inc. Vapor filling process for discharge lamps. 2,736,159, 7-17-56, Cl. 315-26.
- Bernier, Dorothy K. Soap brush. 2,739,328, 3-27-56, Cl. 15-122.
- Bernier, Edward, and A. J. Draghetti. Automatic dipping machine. 2,741,253, 4-10-56, Cl. 134-141.
- Bernier, Paul E. Combine pickup and conveyor with control means therefor. 2,732,676, 1-31-56, Cl. 56-10.
- Bernier, Robert V., to Synthetic Vision Corp. System and apparatus for projecting three dimensional motion pictures. 2,729,138, 1-3-56, Cl. 88-16.6.
- Bernillon, André. Method for cutting pieces of fabric intended for the execution of cartridge bags. 2,760,250, 8-28-56, Cl. 26-1.



- Berninger, Gale F.: *See*—  
Olson, Elmer, Berninger, and Aho. 2,762,235.
- Berninger, Kenneth L., and C. C. Covert, to General Motors Corp. Propeller control. 2,745,499, 3-15-56, Cl. 170-160,21.
- Berninger, Kenneth L., W. S. Neef, Jr., and C. B. Wright, to General Motors Corp. Propeller mechanism. 2,747,676, 5-29-56, Cl. 170-160,33.
- Berninger, Kenneth L., and W. A. Weis, to General Motors Corp. Variable pitch propeller control. 2,754,922, 7-17-56, Cl. 170-160,21.
- Berninger, Kenneth L., and W. A. Weis, to General Motors Corp. Pump control system. 2,773,452, 12-11-56, Cl. 103-11.
- Bernotas, Anton J.: *See*—  
Sills, Joseph A. 2,741,931.
- Bernotsky, George A.: *See*—  
Levy, Joseph, and Bernotsky. 2,767,190.
- Bernreuter, Herbert A., and L. E. Carlson, to American Gage & Machine Co. Room temperature compensating circuits for pyrometers. 2,769,340, 11-6-56, Cl. 73-361.
- Bernsohn, Edward, and H. Krichman, to Ipa Chemical Co. Process of stabilizing 2-bis(para methoxy phenyl)1,1,1 trichloroethane. 2,736,751, 2-28-56, Cl. 260-611.5.
- Bernstein, Allan C.,  $\frac{1}{2}$  to N. A. Karr and  $\frac{1}{2}$  to P. H. Seaman. Neutral relay. Re. 24,209, 9-4-56, Cl. 317-172.
- Bernstein, Allan C., to Executone Inc. Intercommunication system. 2,737,966, 5-8-56, Cl. 179-39.
- Bernstein, Benjamin.: *See*—  
Andrews, David H., Bernstein, and Wohl. 2,732,533.
- Bernstein, Jack.: *See*—  
Krapcho, John, Pribyl, and Bernstein. 2,733,256.
- Wischelgale, Frederick L., Losee, and Bernstein. 2,758,116.
- Yale, Harry L., and Bernstein. 2,733,237.
- Bernstein, Jack, and K. A. Losee, to Olin Mathieson Chemical Corp. Penicillin salt of benzhydryl-phenethylamine. 2,738,347, 3-13-56, Cl. 260-239.1.
- Bernstein, Jack, W. A. Lott, and K. A. Losee, to Olin Mathieson Chemical Corp. Derivatives of 2-mercaptopyridine-1-oxide. 2,742,393, 17-56, Cl. 167-33.
- Bernstein, Jack, and K. A. Losee, to Olin Mathieson Chemical Corp. Derivatives of 2-mercaptopyridine-1-oxide. 2,742,746, 4-17-56, Cl. 260-294.8.
- Bernstein, Jack, and K. A. Losee, to Olin Mathieson Chemical Corp. Derivatives of isonicotinic acid hydrazide. 2,753,352, 7-3-56, Cl. 260-295.
- Bernstein, Jack, and K. A. Losee, to Olin Mathieson Chemical Corp. Derivatives of isonicotinic acid hydrazide. 2,753,353, 7-3-56, Cl. 260-295.
- Bernstein, Nahum A.: *See*—  
Zepelovitch, Nathan. 2,729,354.
- Zepelovitch, Nathan. 2,771,205.
- Bernstein, Seymour, and R. Littell, to American Cyanamid Co. Pregnenadienes and method of preparing the same. 2,732,383, 1-24-56, Cl. 260-397.45.
- Bernstein, Seymour, and R. Littell, to American Cyanamid Co. Preparation of 11 $\beta$ -hydroxy-3,20-di-ketal pregnenes. 2,737,512, 3-6-56, Cl. 260-239.55.
- Bernstein, Seymour, and R. H. Lenhard, to American Cyanamid Co. Pregnenes and method of preparing the same. 2,742,461, 4-17-56, Cl. 260-239.55.
- Bernstein, Seymour, and W. S. Allen, to American Cyanamid Co. 4-pregnenes and method of preparing the same. 2,755,276, 7-17-56, Cl. 260-239.55.
- Bernstein, Seymour, and R. H. Lenhard, to American Cyanamid Co. 11- $\beta$ -hydroxy testosterone acetate and process. 2,766,264, 10-9-56, Cl. 260-397.45.
- Bernstein, Seymour, and R. H. Lenhard, to American Cyanamid Co.  $\Delta^4$ -pregnenes. 2,773,080, 12-4-56, Cl. 260-397.45.
- Bernstiel, Erwin, to Rhondra Plating Works Ltd. Anodizing metal articles. 2,739,931, 3-27-56, Cl. 204-23.
- Beroset, Walter G.: *See*—  
Manhart, Charles E., and Beroset. 2,765,481.
- Beroza, Morton. 3,4-methylenedioxyphenyl esters of aromatic sulfonic acids as synergists for pyrethrins and pyrethrin-type compounds. 2,755,218, 7-17-56, Cl. 167-33.
- Beroza, Morton. 2-(3,4-methylenedioxyphenoxy) tetrahydropyran as a synergist for pyrethrins. 2,755,219, 7-17-56, Cl. 167-33.
- Beroza, Morton; dedicated to the Public. 3,4-methylenedioxyphenyl ethers as synergists for pyrethrins. 2,764,517, 9-25-56, Cl. 167-33.
- Berquin, Yves J.: *See*—  
Andr s, Louis E., and Berquin. 2,769,703.
- Berquist, Leonard G., to National Standard Co. Annealing stem. 2,743,098, 4-24-56, Cl. 266-2.
- Berrigan, William J.: *See*—  
Prucknickl, Andrew H., Hennessy, and Berrigan. 2,729,033.
- Borrowers, Percival W., to Girling Ltd. Brakes for vehicles. 2,731,112, 1-17-56, Cl. 188-72.
- Berry, Alfred O.: *See*—  
Palmer, Paul C., and Berry. 2,773,358.
- Berry, Buford E. Electric flare. 2,755,373, 7-17-56, Cl. 240-8.18.
- Berry, Burr L. Fluorescent retouching materials. 2,754,427, 7-10-56, Cl. 250-71.
- Berry, Charles E. Spray device for oil treatment of coal. 2,763,511, 9-18-56, Cl. 299-66.
- Berry, Charles M.: *See*—  
Miller, Sidney E., and Berry. 2,729,655.
- Berry, Charles M., and S. E. Miller, to General Mills, Inc. Isolation of sterols. 2,729,656, 1-3-56, Cl. 260-397.25.
- Berry, Clifford E., to Consolidated Engineering Corp. Device for automatically and periodically correcting the zero drift in an amplifier. 2,734,949, 2-14-56, Cl. 179-171.
- Berry, Clifford E., to Consolidated Electrodynamics Corp. Frequency separating apparatus. 2,760,011, 8-21-56, Cl. 179-171.
- Berry, Clifford E., to Consolidated Electrodynamics Corp. Mass spectrometry. 2,772,866, 11-27-56, Cl. 250-41.9.
- Berry, Ernest V., and L. W. Harvey; said Harvey assor. to said Berry. Apparatus and method for supporting a deformable member while it is being worked. 2,737,761, 3-13-56, Cl. 51-237.
- Berry, Ernest V., and L. W. Harvey; said Harvey assor. to said Berry. Apparatus and method for supporting a deformable member. 2,737,762, 3-13-56, Cl. 51-237.
- Berry, Eugene G.: *See*—  
Selzer, Andrew H., Berry, and Williams. 2,746,736.
- Selzer, Andrew H., Berry, and Williams. 2,746,865.
- Berry, Francis J., B. Fluidising devices. 2,750,681, 6-19-56, Cl. 34-57.
- Berry, Frank, to Oliver Iron and Steel Corp. Rotary pump and motor hydraulic transmission. 2,737,020, 3-6-56, Cl. 60-53.
- Berry, Frank, to Oliver Iron and Steel Corp. Rotary power device of the rotary abutment type. 2,750,891, 6-19-56, Cl. 103-5.
- Berry, Frank. Multiple hydraulic compressor in a refrigeration system. 2,772,543, 12-4-56, Cl. 62-115.
- Berry, Glenn. Composite overhead door structure. 2,745,147, 5-15-56, Cl. 20-19.
- Berry, Francis S., and J. H. Showcase. 2,758,000, 8-7-56, Cl. 312-128.
- Berry, Hugh E., to Norma-Hoffmann Bearings Corp. Self-centering magnetic chuck. 2,769,642, 11-6-56, Cl. 279-1.
- Berry, Jack H. Construction of toy locomotive. 2,774,311, 12-18-56, Cl. 105-93.
- Berry, John C. Package of stretch socks. 2,742,149, 4-17-56, Cl. 206-79.
- Berry, John C., to Process Machinery Co., Inc. Stocking treating machine. 2,761,221, 9-4-56, Cl. 34-103.
- Berry, John E. Building construction. 2,733,784, 2-7-56, Cl. 18-2.
- Berry, Julia H.: *See*—  
Berry, Henry S., and J. H. 2,758,000.
- Berry, Kenneth L., and J. R. Caddell, to E. I. du Pont de Nemours & Co. Ion exchange resin compositions and preparation of same. 2,739,906, 3-27-56, Cl. 117-72.
- Berry, Kenneth L., R. M. Joy, J. R. Caddell, and J. E. Kirby, to E. I. du Pont de Nemours & Co. Product and process. 2,757,098, 7-31-56, Cl. 106-288.
- Berry, Leonard E. Firing position indicator for use in adjusting valve clearances. 2,741,213, 4-10-56, Cl. 116-124.
- Berry, Lester W. Multiple section rotary bed filter. 2,768,753, 10-30-56, Cl. 210-202.5.
- Berry Metal Co.: *See*—  
Berry, Walter V. 2,752,241.
- Berry, Norton E., to Servel, Inc. Concentration control for absorption refrigerating system. 2,738,653, 3-20-56, Cl. 62.
- Berry, Otto C. Foundry equipment. 2,743,491, 5-1-56, Cl. 22-77.
- Berry, Paul D.: *See*—  
Young, Donald M., and Berry. 2,767,107.
- Berry, Paul E., and R. F. Anderson,  $\frac{3}{4}$  to W. F. Wilson and  $\frac{1}{4}$  to E. F. Simmons, Jr. Intermittently operated motor for camera. 2,761,099, 8-28-56, Cl. 318-443.
- Berry, Robert F. Exercising apparatus. 2,759,730, 8-21-56, Cl. 272-58.
- Berry, Walter V., to Berry Metal Co. Copper base nickel, antimony, lead bearing alloy. 2,752,241, 6-26-56, Cl. 75-59.
- Bersudsky, Sidney, to Kelton Corp. Ltd. Projector for casting images of opaque objects upon a screen. 2,735,336, 2-21-56, Cl. 88-24.
- Bersworth, Frederick C., to The Dow Chemical Co. Quinolyd aliphatic alkylene polyamine poly acid. 2,751,386, 6-19-56, Cl. 260-287.
- Bersworth, Frederick C., to The Dow Chemical Co. Di-quinolyd aliphatic alkylene polyamine poly acids and salts thereof. 2,751,387, 6-19-56, Cl. 260-287.
- Bersworth, Frederick C., to The Dow Chemical Co. Pyridyl aliphatic alkylene polyamine poly acid compounds and salts. 2,751,389, 6-19-56, Cl. 260-295.
- Bersworth, Frederick C., to The Dow Chemical Co. Di-pyridyl aliphatic alkylene polyamine poly acids. 2,751,390, 6-19-56, Cl. 260-295.
- Bersworth, Frederick C., to The Dow Chemical Co. Di-pyridyl aliphatic alkylene polyamine poly acids. 2,751,391, 6-19-56, Cl. 260-295.
- Bersworth, Frederick C., to The Dow Chemical Co. Chelating agents. 2,765,284, 10-2-56, Cl. 260-2.
- Bersworth, Frederick C., to The Dow Chemical Co. Poly-alkylene polyamines. 2,767,214, 10-16-56, Cl. 260-584.
- Bersworth, Frederick C., R. F. Atwood, and N. J. Bicknell, to The Dow Chemical Co. Electropolishing of copper and its alloys. 2,753,301, 7-8-56, Cl. 204-140.5.

- Bersworth, Frederick C., and A. E. Frost, to The Dow Chemical Co. Polyhydroxy polyamino compounds. 2,755,304, 7-17-56, Cl. 260—584.
- Bersworth, Frederick C., and A. E. Frost, to The Dow Chemical Co. Amino derivatives of N-alkyl substituted aspartic acids and their functional derivatives. 2,761,874, 9-4-56, Cl. 260—534.
- Bert, Raymond E., and J. L. Wetta. Adjustable reel for crop handling implement. 2,747,357, 5-29-56, Cl. 56—221.
- Bertaud, Louis M. Direction indicator. 2,768,366, 10-23-56, Cl. 340—74.
- Bertele, Ludwig. Photographic wide-angle objective. 2,730,016, 1-10-56, Cl. 88—57.
- Bertele, Ludwig. Telephoto objective comprising four lenses and forming three components. 2,762,262, 9-11-56, Cl. 88—57.
- Bertele, Ludwig J. Wide angle objectives having a plurality of axially air spaced components. 2,734,423, 2-14-56, Cl. 88—57.
- Bertele, Ludwig J. Wide angle objectives of six air spaced components. 2,734,424, 2-14-56, Cl. 88—57.
- Bertele, Ludwig J. Wide angle photographic objective comprising three air spaced components. 2,772,601, 12-4-56, Cl. 88—57.
- Bertell, Paul, to Standard Mirror Co. Rear vision mirror assembly. 2,763,188, 9-18-56, Cl. 88—98.
- Bertelsen, William R. Automatic tire chain applicator and holder. 2,768,645, 10-30-56, Cl. 81—15.8.
- Berthelson, Louis E.: See—  
Gordon, Carroll G., Wallace, and Berthelson. 2,753,134.
- Berthet, Francois, and J. Desvieux. Driving and pulling of piles, pilepanks, tubing, and the like. 2,743,585, 5-1-56, Cl. 61—73.
- Berthiez, Charles W., to Societe Anonyme dite: Societe Nouvelle de Construction de Machines-Outils et d'Outillages Procédés C. W. B. Milling and boring machine with a tiltable headstock. 2,750,851, 6-19-56, Cl. 90—17.
- Berthiez, Charles W., B. Vernon, to Societe Nouvelle de Construction de Machines-Outils et d'Outillage Procédés C. W. B. Tool elevator for machine tool. 2,773,430, 12-11-56, Cl. 90—11.
- Berthiot, Marcel. Syringe for hypodermic injections. 2,737,950, 3-13-56, Cl. 128—218.
- Berthold, Wolf, to Western Electric Co., Inc. Acceleration and deceleration control for machines. 2,740,510, 4-3-56, Cl. 192—12.
- Berthoud & Cie: See—  
Schütz, Kurt. 2,775,482.
- Bertin, Jean: See—  
Mehral, Raymond H., Paris, Bertin, and Bauger. 2,748,556.
- Sarrazin, Paul, Paris, and Bertin. 2,748,753.
- Bertin, Jean H.: See—  
Kadosch, Marcel, Paris, Bertin, and Marchal. 2,738,646.
- Paris, Francois G., Le Foll, Bertin, and Baraut. 2,730,733.
- Bertling, Herman G. Air register or louver. 2,754,747, 7-17-56, Cl. 98—106.
- Bertoia, Harry, to Knoll Associates, Inc. Flexible contour chair. 2,763,318, 9-18-56, Cl. 155—50.
- Bertorelli, Orlando L., to J. M. Huber Corp. Silicate pigments. 2,739,073, 3-20-56, Cl. 106—238.
- Bertram, Emil P., to the United States of America as represented by the Secretary of the Army. Bomb fuze, centrifugal-inertia type. 2,748,708, 6-5-56, Cl. 102—79.
- Bertram, Felix, to Pat. Patentgesellschaft A. G. Device for discharging a predetermined quantity of a liquid under pressure, in particular water for flushing closets. 2,753,890, 7-10-56, Cl. 137—630.19.
- Bertram, Francis C., to Reif-Rexell, Inc. Device for forming wire handles. 2,774,391, 12-18-56, Cl. 140—75.
- Bertram, William A. Trough hanger. 2,739,775, 3-27-56, Cl. 248—48.1.
- Bertrand, Irvin,  $\frac{1}{4}$  to M. B. Lally and  $\frac{1}{4}$  to J. F. Lally, Jr. Circuit breaker. 2,774,838, 12-18-56, Cl. 200—81.
- Bertrand, Jules J., Electric switch. 2,729,709, 1-8-56, Cl. 200—16.
- Bertsch, Joseph F., M. Funkhouser, and G. W. Jackson, to General Motors Corp. Reciprocating fluid actuated device. 2,761,425, 9-4-56, Cl. 121—38.
- Bertsch, Marguerite. Figured pinwheel toy. 2,753,656, 7-10-56, Cl. 46—55.
- Berwick, John D., Jr., to Olin Mathieson Chemical Corp. Method of evaluating copper base alloys. 2,735,304, 2-21-56, Cl. 73—432.
- Berwin, Ted W., to Collins Radio Co. Pulse amplitude selector. 2,775,693, 12-25-56, Cl. 250—27.
- Beryllium Corp., The: See—  
Morana, Simon J. 2,771,359.
- Besler, Edmund, and O. Brunsdorf, to Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius und Bruning. Leuco sulfuric acid esters of anthraquinone-azo-dyestuffs. 2,775,583, 12-25-56, Cl. 260—193.
- Beslin, Auguste C. Compression-operated cooling plant. 2,759,840, 8-21-56, Cl. 62—117.55.
- Besly-Weites Corp.: See—  
Bussey, James D. 2,764,850.
- Besoyan, Kirk, to Truck Safety Engineering Corp. Vehicle emergency brake. 2,730,196, 1-10-56, Cl. 188—4.
- Besoyan, Kirk. Truck-trailer emergency brake. 2,732,035, 1-24-56, Cl. 188—4.
- Besse, Celestine P., to California Research Corp. Sectional barge connection. 2,773,468, 12-11-56, Cl. 114—77.
- Besselman, Wayne L., J. H. Somerset, and G. M. Tauber, to Leeds and Northrup Co. Metallurgical furnace and method of treatment of work. 2,752,147, 6-26-56, Cl. 266—4.
- Besser, Charles S., to Besser Metal Products Corp. Portable horizontal warm air furnace. 2,758,590, 8-14-56, Cl. 126—110.
- Besser Metal Products Corp.: See—  
Besser, Charles S. 2,758,590.
- Bessey, Carlton E.: See—  
Gutwein, Gunter K., and Bessey. 2,745,907.
- Bessière, Pierre E., to Telma. Electro-dynamic brakes. 2,733,361, 1-31-56, Cl. 810—93.
- Bessière, Pierre E., to Compagnie Limba. Electric brakes or slowing down devices. 2,751,513, 6-19-56, Cl. 810—93.
- Bessler, Henry H. Drill bit. 2,756,023, 7-24-56, Cl. 125—61.
- Best, Charles H. Packaging apparatus. 2,741,884, 4-17-56, Cl. 53—198.
- Best, Chris E.: See—  
Steff, Eugene P., and Best. 2,731,440.
- Steff, Eugene P., and Best. 2,731,441.
- Steff, Eugene P., and Best. 2,731,482.
- Best, Chris E., to The Firestone Tire & Rubber Co. Preparation of organotin mercaptides. 2,731,484, 1-17-56, Cl. 200—429.7.
- Best, Clarence A. Valve. 2,765,143, 10-2-56, Cl. 251—268.
- Best, Deane, and C. C. Jones, to Ferranti Ltd. Valve systems for the control of fluid pressure. 2,750,952, 6-19-56, Cl. 137—116.3.
- Best, Fredric L.,  $\frac{1}{2}$  to Best Products Ltd. Coffee percolator. 2,773,166, 12-4-56, Cl. 219—44.
- Best, Peter: See—  
Herbert, John M., and Best. 2,750,657.
- Best Products Ltd.: See—  
Best, Fredric L. 2,773,166.
- Best, Stanley G., to United Aircraft Corp. Turboprop fuel control. 2,759,549, 8-21-56, Cl. 170—135.74.
- Best, Stuart J., to United Aircraft Corp. Emergency fuel control system. 2,771,180, 11-20-56, Cl. 158—36.3.
- Bestard, Waldemar J.,  $\frac{1}{2}$  to P. Crosby and  $\frac{1}{2}$  to S. Williams. Key container. 2,753,710, 7-10-56, Cl. 70—456.
- Beste, Harold E., to Allen B. Du Mont Laboratories, Inc. Television synchronizing system. 2,734,937, 2-14-56, Cl. 178—2.
- Bester, Christiaan P. J., to Herzberg Mulline Automatic Products Ltd. Container manufacture. 2,775,387, 12-25-56, Cl. 229—15.
- Bestian, Walter: See—  
Ehrlart, Gustav, and Bestian. 2,731,462.
- Bestland, Jergen, and F. W. Viel. Stone gathering machine having a tiltable scoop and hopper. 2,738,633, 3-20-56, Cl. 55—17.
- Bestoso, Napoleon S. Apparatus for forming twisted candy sticks. 2,767,665, 10-23-56, Cl. 107—10.
- Best, Mantion G., to West Virginia Pulp and Paper Co. Stabilized tall oil and method of making same. 2,745,827, 5-13-56, Cl. 260—97.5.
- Bestwall Gypsum Co.: See—  
Hoggatt, Gilbert A., and Shuttlesworth. 2,767,065.
- Beth, Walter F., to Norton Co. Pulpstone. 2,745,226, 5-13-56, Cl. 51—206.5.
- Beth, Walter F., to Norton Co. Pulpstone. 2,769,286, 11-6-56, Cl. 51—206.4.
- Bethe, Eugene J., to United States Rubber Co. Method of and apparatus for forming a sheet of latex foam. 2,774,106, 12-18-56, Cl. 18—12.
- Bethea, Sam R.: See—  
Karchmer, Jean H., and Betha. 2,759,033.
- Bethel, George R.: See—  
Runkel, William J., and Bethel. 2,754,728.
- Bethig, Eric A.: See—  
Matheson, James N., and Bethig. 2,738,788.
- Bethlehem Steel Co.: See—  
Anthony, William T. 2,774,542.
- Bradwell, Cyril. 2,767,074.
- Campbell, George J., and Coscia. 2,731,254.
- Campbell, George J., and Coscia. 2,775,441.
- Copp, John I. 2,748,407.
- Eberhardt, John E., Graham and Gold. 2,766,108.
- Fox, Sidney V. 2,760,844.
- Graham, Hugh S., and Eberhardt. 2,774,662.
- Hopwood, Charles E. 2,739,514.
- Kramer, Hobart M. 2,753,612.
- Mancke, Edgar B. 2,739,040.
- Mancke, Edgar B. 2,746,856.
- Mancke, Edgar B. 2,762,703.
- Mancke, Edgar B. 2,775,517.
- Niemann, Henry W., and Maish. 2,739,503.
- Parker, Ray G. 2,730,864.
- Peyer, Frank. 2,745,695.
- Poole, William D. 2,775,535.
- Rechtin, Eberhardt C. 2,771,747.
- Reid, Claude D., Felty, Hackett, and Hottenstein. 2,730,730.
- Roberts, Carlton E. 2,754,174.
- Schlegel, Carl W. 2,745,535.
- Seibert, Howard F. 2,760,388.
- Wick, Richard M. 2,733,064.
- Wick, Richard M., and Francisco. 2,754,485.
- Worthen, Eugene P., and Barbour. 2,759,882.
- Bethlehem Supply Co.: See—  
Eaton, John F. 2,739,493.



- Bethmann, Gustav: *See*—  
Brethrauer, Hermann, and Bethmann. 2,773,438.
- Betonbau Gesellschaft mit beschränkter Haftung: *See*—  
Pleitgen, Max G., and Klaus. 2,741,343.
- Bettendorf Bakery Equipment Co.: *See*—  
Hill, Gordon. 2,733,451.
- Hill, Gordon, and Bauer. 2,770,300.
- Better, Bernard R., and J. W. Lehde, Jr., to Scully-Jones and Co. Predetermined torque release wrench. 2,771,804, 11-27-56, Cl. 81—52.4.
- Better, Bernard R., and J. W. Lehde, Jr., to Scully-Jones and Co. Torque drivers. 2,775,326, 12-23-56, Cl. 192—56.
- Better Boxes, Inc.: *See*—  
Kilian, George P., Hall, and Sanders. 2,735,154.
- Better, Jacob. Loupe mounting. 2,766,656, 10-16-56, Cl. 88—41.
- Better Packages, Inc.: *See*—  
Krueger, Theodore H. 2,736,114.
- Krueger, Theodore H. 2,769,633.
- Betteridge, Walter, and A. W. Franklin, to The International Nickel Co., Inc. Production of high temperature articles and alloys therefor. 2,766,155, 10-9-56, Cl. 148—21.9.
- Betteridge, Walter, A. W. Franklin, and R. A. Smith, to The International Nickel Co., Inc. Heat-treatment of nickel-chromium-cobalt alloys. 2,766,156, 10-9-56, Cl. 148—21.9.
- Bettors, John R.: *See*—  
Rush, Charles R., and Bettors. 2,765,365.
- Bettes, Richard S., Jr., to Standard Oil Co. Removal of water from solid polymers. 2,771,689, 11-27-56, Cl. 34—17.
- Bettini, Giovita: *See*—  
Orazi, Paolo, and Bettini. 2,753,232.
- Bettis, Edward S., and E. R. Mann, to the United States of America as represented by the United States Atomic Energy Commission. Magnetic arc-welder. 2,743,342, 4-24-56, Cl. 219—8.
- Bettis Rubber Co.: *See*—  
Collett, Charles H. 2,739,018.
- Collett, Charles H. 2,754,159.
- Bettison, David C.: *See*—  
Keaton, Frank H., and Bettison. 2,767,261.
- Betts, Edgar H., Jr. Adhesive holder and dispenser. 2,765,958, 10-9-56, Cl. 222—150.
- Betts, Irene E.,  $\frac{1}{2}$  to E. I. Boyd. Protective device for infants. 2,771,831, 11-27-56, Cl. 128—287.
- Betts, Joseph L., Jr.: *See*—  
Mertzweiler, Joseph K., and Betts. 2,765,357.
- Mertzweiler, Joseph K., and Betts. 2,768,984.
- Betts, Raymond L., H. F. Corning, H. A. Ricards, and J. W. Ryder, to Esso Research and Engineering Co. Sweetening process. 2,769,765, 11-6-56, Cl. 196—32.
- Betts, Ross C.: *See*—  
Woehrlt, Walter E., and Betts. 2,746,359.
- Betts, Truman R., to Aircraft-Marine Products, Inc. Electrical connector and method of manufacturing. 2,740,101, 9-27-56, Cl. 339—223.
- Betts, Truman R., to Aircraft-Marine Products, Inc. Electrical connector. 2,763,849, 9-18-56, Cl. 339—276.
- Betz, W. H. & L. D.: *See*—  
Kahler, Harry L. 2,744,866.
- Betzler, Henry W., to Curtiss-Wright Corp. Electrical connector. 2,764,429, 9-25-56, Cl. 285—130.
- Beuchat, Roland, and S. Junod. Buckle and catch device for belts, straps and the like flexible strips. 2,735,152, 2-21-56, Cl. 24—178.
- Beuchat, Roland, and S. Junod. Belt buckle. 2,775,011, 12-25-56, Cl. 24—178.
- Beucher, Joseph H., to Man-Seu Corp. Garment finishing device. 2,736,281, 2-28-56, Cl. 112—98.
- Beuglet, Andre. Method of lining tanks. 2,762,736, 9-11-56, Cl. 154—82.
- Benkema, Jan J., and J. G. Camphuis, to Hartford National Bank and Trust Co., as trustee. A two-way carrier-wave telephony station provided with a combination carrier oscillator and amplifier. 2,760,000, 8-21-56, Cl. 179—1.
- Beusch, Andrew. Angular work table. 2,771,821, 11-27-56, Cl. 90—59.
- Beutel, Werner K. Dispenser for carbonated beverages. 2,768,771, 10-30-56, Cl. 222—394.
- Beuther, Harold: *See*—  
Ofutt, William C., Siecke, and Beuther. 2,762,754.
- Beuther, Harold, and R. G. Goldthwait, to Gulf Research & Development Co. Stabilization of fuel oil. 2,755,229, 7-17-56, Cl. 196—50.
- Beuther, Harold, and R. G. Goldthwait, to Gulf Research & Development Co. Hydrocarbon conversion process. 2,766,177, 10-9-56, Cl. 196—9.
- Beutler, Abigail E. C.: *See*—  
Freabrain, Darwin L., Jr., Kinsey, and Beutler. 2,735,731.
- Beutler, Carolee C., and J. S. Preuer, to General Electric Co. Electroluminescent zinc sulfide phosphor. 2,755,255, 7-17-56, Cl. 252—301.6.
- Bevan, James I. Clamshell earth-moving machine. 2,755,946, 7-24-56, Cl. 214—147.
- Bevo Co., Inc. The: *See*—  
Foushee, Robert M. 2,765,103.
- Bevins, James E., to Bendix Aviation Corp. Fuel control and regulating system for turbojet and turboprop engines. 2,746,247, 5-22-56, Cl. 60—39.28.
- Bevins, James E., to Bendix Aviation Corp. Fluid pressure responsive measuring apparatus. 2,746,294, 5-22-56, Cl. 73—397.
- Bevins, James E., and R. W. Hyde, to Bendix Aviation Corp. Ribbon feeding mechanism for recording and measuring instrument. 2,734,792, 2-14-56, Cl. 346—136.
- Bevins, James E., and R. W. Hyde, to Bendix Aviation Corp. Recording and measuring instrument. 2,737,433, 3-6-56, Cl. 346—213.
- Bevins, James E., and R. W. Hyde, to Bendix Aviation Corp. Recording and measuring instrument. 2,754,069, 7-10-56, Cl. 242—55.
- Bevins, James E., and N. F. Hosford, to Bendix Aviation Corp. Fluid flow indicating apparatus. 2,767,580, 10-23-56, Cl. 73—213.
- Bevins, James E., and R. W. Hyde, to Bendix Aviation Corp. Recording and measuring instrument. 2,769,681, 11-6-56, Cl. 346—78.
- Bevins, James E., and R. W. Hyde, to Bendix Aviation Corp. Speed regulating means. 2,755,442, 12-25-56, Cl. 264—10.
- Bevis, William A., L. G. Chapman, and W. E. Nicolls, to C. A. V. Ltd. Engine starting apparatus. 2,773,563, 12-11-56, Cl. 185—39.
- Bewley, Thomas: *See*—  
Armstrong, Godfrey P., Bellringer, Bewley, Bramwyche, Jackson, and Wilkins. 2,750,426.
- Armstrong, Godfrey P., Bewley, Jackson, Bellringer, Bramwyche, and Wilkins. 2,750,424.
- Bewley, Thomas, and B. V. Aller, to The Distillers Co. Ltd. Nickel-catalyzed hydrogenation processes. 2,734,921, 2-14-56, Cl. 260—501.
- Bey, Stanley L.: *See*—  
Ljivijnen, Fred, and Bey. 2,751,626.
- Beyer, Arnold, to Weymouth Construction Co. Concrete mattress leveling and finishing machine having reciprocating screeds. 2,754,732, 7-17-56, Cl. 94—45.
- Beyer, Arnold, to Weymouth Construction Co. Concrete mattress finisher having rotary surface leveling and finishing elements. 2,754,733, 7-17-56, Cl. 94—45.
- Beyer, Carlton E.: *See*—  
McKee, Robert B., Jr., and Beyer. 2,740,160.
- Beyer, Jeno, to American Enka Corp. Tension device. 2,751,668, 6-19-56, Cl. 242—150.
- Beyer, Millard L.: *See*—  
Persson, Ernest, and Beyer. 2,737,885.
- Beyer, Millard L., to The International Postal Supply Co. Mail handling tables. 2,738,051, 3-13-56, Cl. 198—34.
- Beyerle, Norman R.: *See*—  
Brandstetter, Hugo E., and Beyer. 2,767,815.
- Beyerle, Peter J. Plumbing assembly. 2,773,708, 12-11-56, Cl. 285—64.
- Beyster, H. E., & Associates, Inc.: *See*—  
Holappa, John E. 2,773,609.
- Beznan, Irving L., to Armstrong Cork Co. Flexible floor covering and method of making the same. 2,742,377, 4-17-56, Cl. 117—76.
- Beznan, Irving L., and F. J. Honn, to the United States of America as represented by the Secretary of the Army. Optical cement. 2,734,044, 2-7-56, Cl. 280—45.
- Beznan, Irving L., and F. D. B. Rowning, to Armstrong Cork Co. Felt base floor covering. 2,739,082, 3-20-56, Cl. 117—76.
- Bezzerides, Paul A. Positioning apparatus for hot caps and the like. 2,759,299, 8-21-56, Cl. 47—1.
- Bianchi, Adolpho B.: *See*—  
Joseph, William J. 2,752,401.
- Bianchi, Renato. Instantaneous acting voltage sensitive tube. 2,758,252, 8-7-56, Cl. 315—233.
- Bianco, Henry J., to The Burch Co. Window with removable sash guides. 2,775,003, 12-25-56, Cl. 20—52.2.
- Bianco, Joseph: *See*—  
Armento, William H., and Bianco. 2,768,054.
- Marnon, Donald E., and Bianco. 2,734,793.
- Bias Cloth Machine Co., Inc.: *See*—  
Kagan, Ralph, and Johnson. 2,741,310.
- Biasell, La Verne R. Simulated automobile body toy. 2,774,662, 12-25-56, Cl. 280—11.
- Bibb, Ralph D., to The Lane Co., Inc. Extrusion apparatus. 2,730,760, 1-17-56, Cl. 18—12.
- Bible, Roy C. Adjustable chart or map holder. 2,734,296, 2-14-56, Cl. 40—86.
- Bible, Roy H., Jr.: *See*—  
Hoehn, William D., and Bible. 2,764,616.
- Bible, Roy H., Jr., to G. D. Searle & Co. Aralkanol and aralkanol derivatives of podocarpic acid esters. 2,750,373, 6-12-56, Cl. 260—103.
- Bible, Roy H., Jr., to G. D. Searle & Co. Lactones of 1,12-dimethyl-6-oxo-dihydroxy-9-oxo-1,2,3,4,9,10,11,12-octahydrophenanthrene-1-carboxylic acid. 2,753,357, 7-8-56, Cl. 260—343.3.
- Bible, Roy H., Jr., to G. D. Searle & Co. Derivatives of 9-oxo-octahydrophenanthrene-1-carboxylic acid. 2,759,014, 8-14-56, Cl. 260—473.
- Bible, Roy H., Jr., and W. M. Hoehn, to G. D. Searle & Co. Basic esters of 1,12-dimethyl-6-alkoxy-1,2,3,4,9,10,11,12-octahydrophenanthrene-1-carboxylic acids. 2,750,382, 6-12-56, Cl. 260—247.2.
- Biblin, Daniel L., to The Yale & Towne Mfg. Co. Lock case and rose construction. 2,751,243, 6-19-56, Cl. 292—337.
- Bica Co., The: *See*—  
Pocrass, Irving F., Syak, and B. Pocrass. 2,731,009.
- Bieck, Edward J., to Universal Oil Products Co. Removing and depositing a metal catalyst, which is removed with a metal catalyst composite. 2,769,770, 11-6-56, Cl. 196—50.
- Bicher, Leo B., Jr., to E. I. du Pont de Nemours and Co. Film extrusion die. 2,754,544, 7-17-56, Cl. 18—15.

- Bichet, Jacques: *See*—  
Létrilliart, Pierre, and Bichet. 2,738,454.
- Bichowsky, Francis R., and R. H. Canfield. Spaced wall combustion apparatus. 2,746,249, 5-22-56, Cl. 60-39.46.
- Bickel, Harry J., to Westinghouse Electric Corp. Combination A. C. and D. C. welder. 2,757,290, 7-31-56, Cl. 307-80.
- Bickel, Harry J., to Westinghouse Electric Corp. Single phase rectifier arc welder. 2,763,771, 9-18-56, Cl. 219-131.
- Bickel, Harry J., and M. Rebuffoni, to Westinghouse Electric Corp. Arc drive control for rectifier welder. 2,734,981, 2-14-56, Cl. 219-8.
- Bick, Hans C., Inc.: *See*—  
Horn, Robert S., Jr., and Patt. 2,746,941.
- Bickel, Wilhelm, to Calgon, Inc. Process for treatment of meats, sausage products, and intestines. 2,755,776, 2-21-56, Cl. 99-107.
- Bickerstaff, Inc.: *See*—  
Bickerstaff, Lindsay N. 2,735,564.  
Bickerstaff, Lindsay N. 2,761,579.
- Bickerstaff, Lindsay N., to Bickerstaff, Inc. Lift fork for brick stacks. 2,735,564, 2-21-56, Cl. 214-655.
- Bickerstaff, Lindsay N., to Bickerstaff, Inc. Load gripping lift truck. 2,761,579, 9-4-56, Cl. 214-655.
- Bickford, William G., C. H. Mack, and R. N. Moore, to the United States of America as represented by the Secretary of Agriculture. Method of inhibiting polymerization and product. 2,729,671, 1-3-56, Cl. 260-486.
- Bickley, Everett H. Color sorting mechanism. 2,730,234, 1-10-56, Cl. 209-111.
- Bicknell, Alfred, Associates, Inc.: *See*—  
Keyes, Frederick G. 2,746,264.
- Bicknell, Newell J.: *See*—  
Bersworth, Frederick C., Atwood, and Bicknell. 2,753,301.
- Bidault, Marcel L. A. Electric pulse temperature-regulating device. 2,768,792, 10-30-56, Cl. 236-36.
- Bidwell, Joseph B., to Universal Metal Products Ltd. Machine for coating, printing, and drying tubular containers. 2,746,421, 5-22-56, Cl. 118-46.
- Bidegan, Georges P. T. Footwear. 2,730,818, 1-17-56, Cl. 36-85.
- Bideman, Ben, to Collins Radio Co. Resolving apparatus. 2,732,562, 9-11-56, Cl. 235-61.
- Bidgood, Lee, Jr., to E. I. du Pont de Nemours and Co. Process for dyeing a wool-acrylonitrile fiber mixture. 2,764,466, 9-25-56, Cl. 8-21.
- Bidwell, Edwin C., to Bryant Chucking Grinder Co. Work holding and clamping mechanism for centerless grinding machines. 2,754,641, 7-17-56, Cl. 51-236.
- Bidwell, Joseph B., to General Motors Corp. Viscosity compensating system. 2,760,832, 8-28-56, Cl. 308-9.
- Bidwell, Robert N. Artificial legs. 2,752,607, 7-3-56, Cl. 27.
- Bieber, Charles E., and R. S. Carr, to Airttron, Inc. Multi-station angular-movement actuator. 2,736,413, 2-28-56, Cl. 192-142.
- Bieber, Frederick J., to Acrometal Products, Inc. Method of forming metallic spools. 2,761,675, 6-26-56, Cl. 2-463.
- Bieber, Frederick J., and C. I. Steinback, to Acrometal Products, Inc. Method of making a spool. 2,753,622, 7-10-56, Cl. 29-462.
- Bieber, Russell A.: *See*—  
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- Bieber, Theodore I. Method of preparing sulfamic acids from carbamic esters. 2,763,535, 9-18-56, Cl. 260-500.
- Bieber, Theodore I. Method of preparing alkyl isocyanates from inorganic cyanates. 2,771,483, 11-20-56, Cl. 260-453.
- Biedendieck, Carl H.: *See*—  
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- Biederman, Joseph B.: *See*—  
Liebelt, Howard E. 2,737,757.
- Biederman, Joseph B. Bottle stopper. 2,742,172, 4-17-56, Cl. 215-87.
- Biederman, Joseph B. Bottle closure. 2,770,384, 11-13-56, Cl. 215-86.
- Biederman, William C.: *See*—  
Sunko, John, and Biederman. 2,756,299.
- Biederman, William F. Muscular support. 2,769,185, 11-6-56, Cl. 5-338.
- Biederman, Paul R. G. Piston for reciprocating pumps. 2,772,931, 12-4-56, Cl. 309-4.
- Biedess, Anthony R., to Goodman Mfg. Co. Drive transmission for crawler tread. 2,757,746, 8-7-56, Cl. 180-6.7.
- Biefang, Peter: *See*—  
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- Biefeld, Lawrence P., to Owens-Corning Fiberglas Corp. Method of making a glass fiber article and article produced thereby. 2,763,573, 9-18-56, Cl. 117-72.
- Biefeld, Lawrence P., and F. O. Brisley, to Owens-Corning Fiberglas Corp. Reinforced cement products and method of making the same. 2,738,285, 3-13-56, Cl. 106-99.
- Biefeld, Lawrence P., and R. F. Shannon, to Owens-Corning Fiberglas Corp. Method for producing molded products comprising melamine formaldehyde resin and gypsum. 2,770,840, 11-20-56, Cl. 18-47.5.
- Bieg, John H., to Automatic Electric Laboratories, Inc. Fixture for use in soldering fuse wires to fuse springs. 2,739,558, 3-27-56, Cl. 113-99.
- Bieger, George, to Mergenthaler Linotype Co. Punch and die machine for performing both blanking and trimming operations. 2,746,542, 5-22-56, Cl. 164-21.
- Biehahn, William: *See*—  
Hamberger, Milton H., Foster, and Biehahn. 2,766,507.
- Biehler, Charles. Occupant protection bar for automobile seats. 2,750,203, 6-12-56, Cl. 280-150.
- Biehler, Gerald L., to Westinghouse Electric Corp. Unloading mechanisms for refrigerant compressors. 2,751,143, 6-19-56, Cl. 238-44.
- Bielstedt, George. Tubular identification tag holder. 2,768,457, 10-30-56, Cl. 40-19.
- Biel, John H., to Lakeside Laboratories, Inc. Dicarboxylic acid esters of N-alkyl-3-hydroxy-piperidine and salts thereof. 2,746,964, 5-22-56, Cl. 260-294.3.
- Biel, John H., to Lakeside Laboratories, Inc. Bis-(N-substituted-3-hydroxy-piperidinum) alkanes. 2,746,965, 5-22-56, Cl. 260-294.3.
- Biel, John H., to Lakeside Laboratories, Inc. Esters of bis-(N-substituted-3-hydroxy-piperidinum) alkanes. 2,746,966, 5-22-56, Cl. 260-294.3.
- Biel, John H., to Lakeside Laboratories, Inc. Derivatives of bis-(N-substituted-3-hydroxy-piperidinum) alkanes. 2,746,967, Cl. 260-294.7.
- Bielenberg, Raymond G.: *See*—  
Baird, Douglas O., and Bielenberg. 2,739,184.
- Bielser, John E., to General Motors Corp. Propeller blade manufacturing apparatus. 2,737,192, 3-6-56, Cl. 134-167.
- Bielsh, Paul: *See*—  
Gallagher, William P., and Bielik. 2,752,592.
- Bieling, Fritz, and T. Wiedemann, to Siemens-Schuckertwerke Aktiengesellschaft. Temperature-regulated electric isolates. 2,740,879, 4-3-56, Cl. 219-37.
- Bielstedt, Walter J., to Esso Research and Engineering Co. Device for drilling wells. 2,735,633, 2-21-56, Cl. 255-2.
- Bielstein, Walter J., to Esso Research and Engineering Co. Rotary percussion drilling device. 2,735,956, 3-20-56, Cl. 255-3.
- Bierlin, Walter J., to Esso Research and Engineering Co. Drill hole inclinometer. 2,761,218, 9-4-56, Cl. 33-205.
- Bienert, Berthold: *See*—  
Baumann, Fritz, and Bienert. 2,756,119.  
Baumann, Fritz, and Bienert. 2,768,867.
- Bier, Emanuel R. Oropharyngeal airway and suction tube. 2,750,933, 6-19-56, Cl. 128-2.
- Bierer, Joseph. Method of and apparatus for indicating failure of mine roofs. 2,733,754, 3-20-56, Cl. 116-114.
- Bieri, Richard, to Matthias Hohner, Aktiengesellschaft. Key control of attack and decay in electronic musical instrument. 2,733,628, 7-7-56, Cl. 84-1.26.
- Bierlein, Carl A.: *See*—  
Bixler, George W., and Bierlein. 2,775,470.
- Bierlin, William E. Twister head top. 2,740,251, 4-3-56, Cl. 57-77.30.
- Bierman, Clarence R., and R. E. Mietz, to American Can Co. Gasket composition, including both hydrocarbon soluble and insoluble rubbers. 2,767,152, 10-16-56, Cl. 260-27.
- Bierman, Harry C. Method of making alkali earth metal cyanide. 2,762,687, 9-11-56, Cl. 23-79.
- Bierman, Herbert, H. Blum, and P. Pantuosco, to Selecta Glove Corp. Sewing attachment for sewing machines. 2,736,282, 2-28-56, Cl. 2-130.
- Bierman, Raymond C.: *See*—  
Dale, Colin B., Bridenbaugh, and Bierman. 2,741,439.
- Biermann, William A.: *See*—  
Johnson, Roy W., Biermann, and Burghdoff. 2,743,769.
- Bierswale, D. H.: *See*—  
Simpson, Hall B. 2,760,396.
- Bierwert, Howard L. Combined paper and pencil dispenser. 2,751,112, 6-19-56, Cl. 221-199.
- Bielez, Roland W., to The Hallicrafters Co. Tuner mechanism. 2,761,321, 9-4-56, Cl. 74-10.5.
- Bigelow, Harry K. Method of securing brake linings to brake shoes. 2,742,386, 4-17-56, Cl. 154-81.
- Bigelow, Harry K. Machine for lining a brake shoe. 2,759,516, 8-21-56, Cl. 154-1.
- Bigelow, Harry K., to West Realty Inc. Machine for removing dirt from a brake shoe. 2,764,849, 10-2-56, Cl. 51-5.
- Bigelow, Inc.: *See*—  
Lowe, Sydney P. 2,731,888.
- Bigelow, John F., to International Telephone and Telegraph Corp. Automatic phase or frequency control system. 2,773,992, 12-13-56, Cl. 250-36.
- Bigelow, John F., to International Telephone and Telegraph Corp. Beam cut-off circuit. 2,774,007, 12-11-56, Cl. 315-20.
- Bigelow, Julian H., to the United States of America as represented by the United States Atomic Energy Commission. Electronic memory system. 2,761,063, 8-28-56, Cl. 250-27.
- Bigelow, Lyford C., to The American Hardware Corp. Adapter housing for door locks. 2,770,964, 11-20-56, Cl. 70-451.
- Bigelow, Maurice H., and H. N. Spurlock, to Allied Chemical & Dye Corp. Condensation of urea and formaldehyde. 2,729,616, 1-3-56, Cl. 260-69.
- Bigelow, Norman E., 40% to I. J. Kunick. Temperature sensitive alarm devices. 2,758,563, 8-14-56, Cl. 116-106.
- Bizge, Henry W. Load carrying vehicle. 2,741,489, 4-10-56, Cl. 280-44.
- Bizge, Henry W. Variable width load carrier. 2,743,936, 5-1-56, Cl. 280-34.
- Biggel, Josef: *See*—  
Lenkeit, Willy W., and Biggel. 2,729,081.



- Biggert, Florence C., Jr., deceased; by Fidelity Trust Co., executor, to United Engineering and Foundry Co. Hydraulic control circuit. 2,753,689, 7-10-56, Cl. 60—97.
- Biggle, Laurence C., to General Controls Co. Pressure regulator. 2,757,683, 8-7-56, Cl. 137—505.36.
- Biglie, Laurence C., to General Controls Co. Electromagnetically operated controller for valves or the like. 2,774,564, 12-18-56, Cl. 251—30.
- Biggs, Glenn L. Fishhook guard. 2,771,704, 11-27-56, Cl. 43—54.5.
- Biggs, Raymond H., to Power Jets (Research and Development) Ltd. Optical inspection device. 2,747,463, 5-29-56, Cl. 58—24.
- Biggs, Richard A., to Crucible Steel Co. of America. Sheet metal wall veneer construction. 2,745,523, 5-13-56, Cl. 139—86.
- Biggs, William A., Jr.: See—Copenhaver, James B., Biggs, and Baxley. 2,744,927.
- Big Joe Mfg. Co. Inc.: See—Levine, Hyman. 2,738,034.
- Bigler, Robert R., and W. Schafer, Jr., to the United States of America as represented by the Secretary of the Army. Apparatus for the manufacture of piezoelectric crystals. 2,765,763, 10-9-56, Cl. 118—49.
- Bigos, Aloise A. Carrier for attachment to automobiles. 2,784,331, 9-25-56, Cl. 224—42.45.
- Bihaly, Lajos, to Trubenised Co. (Registered Trust). Collars for shirts and like garments. 2,741,771, 4-17-56, Cl. 12—131.
- Bihaly, Lajos, to Trubenised Co. (Registered Trust). Fused fabric assemblies. 2,757,435, 8-7-56, Cl. 28—78.
- Bihaly, Lajos, to Trubenised Co. (Registered Trust). Collar blank tensioning unit. 2,768,592, 10-30-56, Cl. 112—2.
- Biller, Heger, and S. R. Bell, to Victoria Vogue, Inc. Machine for manufacturing powder puffs. 2,733,752, 2-7-56, Cl. 154—1.8.
- Bild, Charles F., and F. H. Young. Inertia switch. 2,768,259, 10-23-56, Cl. 200—80.
- Bilde, Tord E. D., to Richard Nilsson, AB. Ten key adding machine. 2,735,123, 8-13-56, Cl. 235—60.
- Bilde, Tord E. D., to Aktiebolaget Elektrolux. Laundry machine having detachable cover. 2,773,374, 12-11-56, Cl. 68—133.
- Bilde, Tord E. D., K. E. Hjelm, and R. B. J. Hultberg, to Aktiebolaget Elektrolux. Apparatus for washing clothes. 2,743,590, 5-1-56, Cl. 68—21.
- Bilhoefter, Frederick G. Photo printing process. 2,767,093, 10-16-56, Cl. 95—81.
- Biliso, Julius P., E. A. Hunter, J. A. Polack, and M. A. Segura, to Esso Research and Engineering Co. Method of preparing hydroforming catalysts. 2,732,349, 1-24-56, Cl. 252—439.
- Biliso, Julius P., J. A. Polack, and M. A. Segura, to Esso Research and Engineering Co. Method for preparing a platinum containing reforming catalyst. 2,767,147, 10-16-56, Cl. 252—442.
- Bill, Harry A. Transmission post jack. 2,757,903, 8-7-56, Cl. 254—30.
- Bill, Jack, Scientific Instrument Co.: See—Anderson, Clarence R. 2,762,255.
- Caldwell, Conrad C. 2,744,986.
- Larisch, Clifford H. 2,756,024.
- Bill, John C., to United States Rubber Co. Sulfur vulcanizable rubber stabilized with reaction product of an alkyl-aryloxy phosphorus dichloride and a secondary amine. 2,751,371, 6-19-56, Cl. 260—45.9.
- Bill, John C., and B. A. Hunter, to United States Rubber Co. Rubbery conjugated diene polymers stabilized with monoaryl phosphites. 2,732,365, 1-24-56, Cl. 260—45.7.
- Bill, Theodore R. Transmission line maintenance derrick. 2,740,535, 4-3-56, Cl. 212—8.
- Bill, Theodore R. Transmission line maintenance derrick. 2,740,536, 4-3-56, Cl. 212—8.
- Bill, William J.: See—Dieterman, Henri, and Bill. 2,763,950.
- Billard, Anthony F. Juice extracting machines. 2,757,696, 8-7-56, Cl. 146—76.
- Billar, Peter, to Schloemann Aktiengesellschaft. Device for indexing the die apertures on extrusion presses. 2,738,063, 3-13-56, Cl. 207—3.
- Billen, Peter, to Schloemann Aktiengesellschaft. Device for regulating the advance of the press rams of extrusion presses. 2,759,509, 8-21-56, Cl. 207—9.
- Biller, Peter, and W. Haendeler, to Schloemann Aktiengesellschaft. Extrusion press attachments for extruding profiles, tubes and other similar products. 2,741,363, 4-10-56, Cl. 207—4.
- Billenstein, Paul F. Shovel loader attachment for tractors. 2,745,364, 5-15-56, Cl. 214—140.
- Biller, Hans. Toy aeroplane roundabout. 2,775,453, 12-25-56, Cl. 272—31.
- Billeter, Ernst. Door-closing mechanism. 2,763,888, 9-25-56, Cl. 16—59.
- Billeter, Henry R., to Amcco Tools, Inc. Grinding device. 2,734,319, 2-14-56, Cl. 51—96.
- Billeter, Henry R., to Amcco Tools, Inc. Cylinder hone. 2,754,639, 7-17-56, Cl. 51—184.3.
- Billet, Edward D., J. Guss, and N. Morrow. Identification bracelet. 2,749,634, 6-12-56, Cl. 40—10.
- Billgren, Karl L. Folding bedstead for infants, especially infants. 2,738,521, 3-20-56, Cl. 5—99.
- Billheimer, John S.: See—Parrette, Richard L., and Billheimer. 2,731,828.
- Billian, Carroll J., to Owens-Illinois Glass Co. Decorating glassware by high energy radiation. 2,746,193, 5-22-56, Cl. 41—17.
- Billica, Harry R., and J. T. Carriel, to E. I. du Pont de Nemours and Co. Production of polyethylene terephthalate using an antimony compound as catalyst. 2,739,957, 3-27-56, Cl. 260—75.
- Billig, Julius: See—Norman, William Z., and Billig. 2,766,462.
- Billin, Arthur G., to The Liebel-Fiarshiem Co. Reciprocating bucky actuator. 2,733,352, 1-31-56, Cl. 250—62.
- Billings, David E., and T. E. Garrison, to The Pelton Water Wheel Co. Manually controllable pumping jack. 2,729,942, 1-10-56, Cl. 60—52.
- Billings, Harvey S., Jr., to General Electric Co. Fuseholder having a spring loaded cap. 2,749,408, 6-5-56, Cl. 200—107.
- Billings, Orman B., to E. I. du Pont de Nemours and Co. Developable trisazo dyes for cotton. 2,750,376, 6-12-56, Cl. 260—173.
- Billings, Thomas A. Land clearing rake. 2,737,732, 3-13-56, Cl. 37—24.
- Billings, William A., W. W. Wright, and A. T. Watts, to International Standard Electric Corp. Indirectly heated cathodes. 2,749,470, 6-5-56, Cl. 313—340.
- Billman, Louis S., to the United States of America as represented by the Secretary of the Navy. Variable area convergent-divergent diffuser. 2,737,019, 3-6-56, Cl. 60—39.29.
- Billman, Louis S., to United Aircraft Corp. Ramjet fuel regulator. 2,753,686, 7-10-56, Cl. 60—39.28.
- Billman, Louis S., and A. C. Angeles, to United Aircraft Corp. Oscillating fuel control for ramjets and method of operating same. 2,748,565, 6-5-56, Cl. 60—39.03.
- Billman, Louis S., and A. C. Angeles, to the United States of America as represented by the Secretary of the Navy. Mach meter. 2,749,749, 6-12-56, Cl. 73—182.
- Billner, Karl P., to Vacuum Concrete, Inc. Vibrator. 2,749,097, 6-5-56, Cl. 259—1.
- Bills, John L.: See—McKinnis, Carl C., and Bills. 2,741,633.
- Bills, John L., to Union Oil Co. Acetylene process. 2,739,994, 3-27-56, Cl. 260—679.
- Bills, John L., to Union Oil Co. of California. Production of acetylene. 2,741,648, 4-10-56, Cl. 260—679.
- Bills, John L., and A. L. Grise, to Gilbert & Barker Mfg. Co. Liquid measuring and dispensing apparatus. 2,742,188, 4-17-56, Cl. 222—72.
- Billson, John A.: See—Reynolds, Kenneth W., and Billson. 2,730,068.
- Reynolds, Kenneth W., Billson, and Rausch. 2,732,847.
- Reynolds, Kenneth W., Billson, and Rausch. 2,764,922.
- Billue, Gaines H. Treatment of earth formations. 2,761,511, 9-4-56, Cl. 166—29.
- Billue, Gaines H., and M. W. Crockett. Vaporizer for liquid petroleum supply tanks. 2,761,286, 9-4-56, Cl. 62—1.
- Binor Corp.: See—Norman, William Z., and Billig. 2,766,462.
- Biotta, Salvatore. Liquid filter unit. 2,742,159, 4-17-56, Cl. 210—164.
- Bily, Peter J., to Chiksan Co. Fluid handling apparatus for use with well drilling equipment. 2,731,234, 1-17-56, Cl. 255—24.
- Bily, Peter J., to Chiksan Co. Safety fitting for fluid handling structure. 2,746,773, 5-22-56, Cl. 285—1.
- Bily, Peter J., to Chiksan Co. Apparatus for handling drilling fluid in connection with a derrick. 2,755,068, 7-17-56, Cl. 255—24.
- Bilyk, William S. See—Bag. 2,732,270, 1-24-56, Cl. 312—3.
- Bilyk, William, and Bilyk. 2,748,646.
- Bliz, Otto. Chuck with two longitudinally spaced fixing points. 2,742,297, 4-17-56, Cl. 279—66.
- Bimonte, Sam, and J. F. Valentini. Testing device for cathode ray tubes. 2,734,167, 2-7-56, Cl. 324—72.
- Bindbeutel, Marie. Commode. 2,745,112, 5-15-56, Cl. 4—134.
- Binder, Carl F.: See—Rabbitt, Milton, and Binder. 2,732,031.
- Binder, George G., Jr.: See—Johnso, Edward F., and Binder. 2,771,139.
- Binder, George G., Jr., R. C. West, and K. H. Andresen, to Esso Research and Engineering Co. Water flooding secondary recovery method. 2,731,414, 1-17-56, Cl. 252—8.55.
- Binder, Richard, to Fichtel & Sachs A. G. Centrifugal clutches. 2,746,835, 5-22-56, Cl. 192—43.
- Binder, Richard, to Fichtel & Sachs A. G. Automobile clutch. 2,760,360, 8-28-56, Cl. 64—27.
- Binder, Richard, to Fichtel & Sachs A. G. Motor speed control for use with automatic clutches. 2,766,862, 10-14-56, Cl. 192—68.
- Binder, Richard, and A. Ludwig, to Fichtel & Sachs A. G. Friction clutches. 2,748,913, 6-5-56, Cl. 192—105.
- Binder, Richard I., and A. G. Ludwig, to Firma Fichtel & Sachs A. G. Multiple clutch arrangement. 2,773,575, 12-11-56, Cl. 192—48.
- Binder, Robert: See—Porsche, Ferdinand A. E., and Binder. 2,731,008.
- Porsche, Ferdinand A. E., and Binder. 2,771,863.
- Binder, Thomas P., and T. G. Carroll, to The American Oil Co. Flash tower and flash distillation. 2,738,964, 3-20-56, Cl. 2—14.
- Binder, William O., F. C. Kroff, Jr., and G. A. Fritzen, to Union Carbide and Carbon Corp. High temperature Co-Cr alloys. 2,746,860, 5-22-56, Cl. 73—171.

- Binding, Kenneth W., to L. M. Beckwith. Automobile top carriers for large objects. 2,731,181, 1-17-56, Cl. 224-42.1.
- Binding, Kenneth W., to L. M. Beckwith. Automobile top carrier for elongate articles. 2,732,824, 12-4-56, Cl. 224-42.1.
- Binding, Kenneth W., to L. M. Beckwith. Automobile top carrier for luggage. 2,772,825, 12-4-56, Cl. 224-42.1.
- Bindler, Jakob, and E. Model, to J. R. Geigy A. G. Quaternary phosphonium compounds. 2,745,877, 5-15-56, Cl. 390-600.5.
- Bindschadler, Ernest: *See*—
- Gilman, Henry, and Bindschadler. 2,735,857.
- Bindszus, William. Automatic grinding system. 2,768,482, 10-30-56, Cl. 51-165.
- Bing, Ed, Benjamin L., to Magetrol, Inc. Liquid level responsive mechanism. 2,736,013, 2-21-56, Cl. 340-244.
- Bing, Herbert A., I. Erlichman, and J. E. Hunter, Jr., to Polaroid Corp. Latch for photographic apparatus. 2,740,338, 4-3-56, Cl. 95-11.
- Bing, Herbert A., and J. E. Hunter, Jr., to Polaroid Corp. Photographic apparatus. 2,740,340, 4-3-56, Cl. 95-13.
- Bing, Herbert A., and J. W. Lothrop, to Polaroid Corp. Sheet-severing mechanism for photographic apparatus. 2,740,342, 4-3-56, Cl. 95-13.
- Bing, John H.: *See*—
- Collins, William F., and Bing. 2,771,203.
- Hintz, Otto E., Huddle, and Bing. 2,750,059.
- Raney, Russell R., Huddle, and Bing. 2,756,887.
- Bingenheimer, Melvin: *See*—
- Dorfman, Hiller D., and Bingenheimer. 2,733,321.
- Bingham, Darwin H., and L. O. Larsen, to Western Electric Co., Inc. Apparatus for uniting plastic washers with annular plastic pads. 2,747,648, 5-29-56, Cl. 154-1.5.
- Bingham-Herbrand Corp., The: *See*—
- Hinsey, Robert S. 2,735,311.
- Bingham, Morris. Attaching means for overshoes. 2,736,972, 4-3-56, Cl. 38-58.5.
- Bingham, Robert W. Sealed pipe joint and method of making the same. 2,757,945, 8-7-56, Cl. 285-340.
- Binghamton Metal Forms, Inc.: *See*—
- Yates, Richard C. 2,731,700.
- Bingley, Frank J., to Philco Corp. Electrical systems. 2,736,764, 2-28-56, Cl. 373-4.
- Bingley, Frank J., to Philco Corp. Color television registration control system. 2,743,312, 4-24-56, Cl. 178-5.4.
- Binkley, Stephen B.: *See*—
- Cheney, Lee C., and Binkley. 2,768,207.
- Binkley, Stephen B., and L. C. Cheney, to Bristol Laboratories. Basic ethers of phenols. 2,744,139, 5-1-56, Cl. 260-567.6.
- Binks Mfg. Co.: *See*—
- Baur, John W. 2,739,843.
- Baur, John W., Plos, and Simms. 2,750,920.
- Benjamin, William R., and Barker. 2,765,869.
- Binault, Frederic K. Method of making bags. 2,740,740, 4-3-56, Cl. 154-83.
- Binney & Smith Inc.: *See*—
- Vogel, Max R., and Mellwig. 2,764,496.
- Binns, Jack N., T. E. Dugle, and A. F. Alt, to Planet Products Corp. Adjustably mounted insulator assembly. Re. 24,127, 3-18-56, Cl. 174-163.
- Binns, Jack N., T. E. Dugle, and A. F. Alt, to Planet Products Corp. Insulator-mounting clip. 2,756,958, 7-31-56, Cl. 248-222.
- Binns, John C., and S. Newbery. Garment and like presses. 2,765,949, 10-9-56, Cl. 38-22.
- Binswanger, Tolstoy L. Process of leaching ores and a centrifuge for use therewith. 2,743,819, 5-1-56, Cl. 210-68.
- Binswanger, Tolstoy L. Counter-current leaching method and apparatus. 2,743,999, 5-1-56, Cl. 23-310.
- Biochemie, Gesellschaft m. b. H.: *See*—
- Brandt, Ernst, and Margreiter. 2,756,226.
- Bir, Rudolph G., to American Linen Supply Co. Dispensing apparatus for sheet material. 2,772,133, 11-27-56, Cl. 312-38.
- Birch, Stanley F., T. V. Cullum, and R. A. Dean, to The British Petroleum Co. Ltd. Hypochlorite process for the treatment of petroleum distillates. 2,771,402, 11-20-56, Cl. 196-29.
- Birchall, Thomas D., to G. W. Hume Co. Machine for dismounting stacks of cans. 2,729,344, 1-3-56, Cl. 214-8-5.
- Birchall, Thomas D., to G. W. Hume Co. Machine for stacking cans. 2,739,718, 3-27-56, Cl. 214-6.
- Bircher, Ernest. Telescope sight mount. 2,773,310, 12-11-56, Cl. 33-50.
- Birchler, Robert O., and A. J. Fedor, to Western Electric Co., Inc. Device for ejecting and storing articles. 2,758,433, 8-14-56, Cl. 53-197.
- Birchhead, Taylor A.: *See*—
- Baker, Robert M., and Birchhead. 2,748,242.
- Bird, Allen K.: *See*—
- Martin, Leo, and Bird. 2,730,368.
- Bird, Alyce L. Combination can opener and measuring cup. 2,770,877, 11-20-56, Cl. 50-123.
- Bird, Arthur P., and H. B. Holston. Headlight brush. 2,749,568, 6-12-56, Cl. 15-250.
- Bird, Byron M., to The Jeffrey Mfg. Co. Jigging apparatus. 2,744,628, 5-8-56, Cl. 209-455.
- Bird Electronic Corp.: *See*—
- Bird, James R., and Calderhead. 2,742,625.
- Bird, James R., Stevens, and Frederico. 2,752,572.
- Bird, George W. T., to Pilkington Brothers Ltd. Methods of and apparatus for vertically drawing glass in sheet form. 2,772,516, 12-4-56, Cl. 49-17.
- Bird, James R., and H. J. Calderhead, to Bird Electronic Corp. Electrical connector. 2,742,625, 4-17-56, Cl. 339-176.
- Bird, James R., H. E. Stevens, and B. D. Frederico, to Bird Electronic Corp. Liquid-cooled load for a coaxial transmission line. 2,752,572, 6-26-56, Cl. 333-32.
- Bird, John R., to the United States of America as represented by the Secretary of the Army. Multibarrel gun. 2,756,639, 7-31-56, Cl. 59-136.
- Bird Machine Co.: *See*—
- Lyons, Sanford C. 2,743,864.
- Smith, Richmond W. 2,732,773.
- Bird, Philip L., to Monsanto Chemicals Ltd. Silicon carbide aggregates. 2,768,087, 10-23-56, Cl. 106-444.
- Bird & Sons, Inc.: *See*—
- Sallie, Stanley H., and Zitke. 2,775,532.
- Watson, William R. 2,737,863.
- Wright, William R. 2,770,847.
- Bird, Stanley, and A. Robinson, to British Celanese Ltd. Separation of comminuted cellulose acetate. 2,769,543, 11-6-56, Cl. 209-235.
- Bird, Stanley P., to Breeze Corporations, Inc. Shielding efficiency measuring device. 2,747,160, 5-22-56, Cl. 324-58.
- Bird, Stanley P., to Breeze Corp., Inc. Length compensating electrical control. 2,768,010, 10-23-56, Cl. 285-236.
- Bird, Whitworth E., and G. S. Hiers, to Collins & Aikman Corp. Method of making ravel proof edge and apparatus. 2,753,597, 7-10-56, Cl. 18-13.
- Birdsall, John E. Bearing testing device. 2,763,152, 9-18-56, Cl. 73-97.
- Birdshead Steel Foundry and Machine Co.: *See*—
- Japikse, Bertrand. 2,745,366.
- Peterson, Edward T. 2,765,896.
- Birdseye, Clarence, and H. D. Stuck, to Process Evaluation and Development Corp. Denaturation processes, 2,771,361, 11-20-56, Cl. 12-55.
- Birdwell, Billy G. Vehicle dump unit with initial lifting aid. 2,732,253, 1-24-56, Cl. 298-21.
- Bireley, Frank W. Apparatus for the extracting of juice. 2,767,644, 10-28-56, Cl. 100-97.
- Bireley, Frank W. Apparatus for extracting citrus juices. 2,767,645, 10-28-56, Cl. 100-99.
- Biribauer, Frank A., to Esso Research and Engineering Co. Naphthene acid purification process. 2,758,071, 8-7-56, Cl. 202-40.
- Birk, Sol. Dual switch heat controlling attachment. 2,755,360, 7-17-56, Cl. 200-140.
- Birkbeck, Max. Hartford National Bank and Trust Co., trustee. Permanent magnet focussing device for cathode ray tubes. 2,740,064, 3-27-56, Cl. 313-84.
- Birkemeier, Henry P., to Bell & Gossett Co. Snow melting control. 2,738,927, 3-20-56, Cl. 237-1.
- Birkemeier, Henry P., to Bell & Gossett Co. Holder. 2,751,053, 5-19-56, Cl. 189-9.
- Birkemeier, William P., to Collins Radio Co. Double acting switch. 2,755,352, 7-17-56, Cl. 200-67.
- Birkemeier, William P., to Collins Radio Co. Audio compressor circuit. 2,766,331, 10-9-56, Cl. 179-171.
- Birkmeier, Max, A. Brandestini, M. E. Ros, and K. Vogt. Method for pretensioning and anchoring reinforcements of concrete. 2,728,978, 1-3-56, Cl. 29-452.
- Birkenstein, Harry, Jr. Magnetic cushioning support for vehicles. 2,743,956, 5-1-56, Cl. 296-35.
- Birkland, Stellan, to American Can Co. Machine for treating annular areas of magnetizable circular articles. 2,731,946, 1-24-56, Cl. 118-321.
- Birkland, Stellan, to American Can Co. Method of and apparatus for treating predetermined areas of disc-like articles. 2,732,315, 1-24-56, Cl. 117-43.
- Birkner, Max. Furnace and boiler plant. 2,730,971, 1-17-56, Cl. 110-40.
- Birkner, Max. Apparatus for burning solid fuel. 2,730,998, 1-17-56, Cl. 122-4.
- Birkner, Max. Furnace and boiler plant. 2,730,999, 1-17-56, Cl. 122-4.
- Birkner, Max. Furnace structure embodying multi-layer fuel feeding. 2,756,700, 7-31-56, Cl. 110-113.
- Birkner, Max K. Burning solid fuel. 2,730,997, 1-17-56, Cl. 122-4.
- Birkness, Harold A., and J. P. Segers, to Standard Oil Co. Multiple sector valve. 2,769,459, 11-6-56, Cl. 137-607.
- Birks, Alan W.: *See*—
- Heath, Leonard C., and Birks. 2,752,690.
- Birley, Arthur W., J. W. C. Crawford, and A. W. Jukes, to Imperial Chemical Industries Ltd. Beryllium hydroxide as catalyst in reacting polyesters with diisocyanates. 2,730,513, 1-10-56, Cl. 260-75.
- Birman, Antoine, to Societe d'Etudes Chimiques pour l'Industrie et l'Agriculture. Preparation of potassium bicarbonate. 2,752,222, 6-26-56, Cl. 23-64.
- Birmingham Small Arms Co. Ltd. The: *See*—
- Hopwood, Herbert. 2,754,814.
- Marshall, Peter R. 2,744,062.
- Smyth, Charles N. 2,748,369.
- Birmingham Vending Co.: *See*—
- Killian, Henry E. 2,757,772.
- Birnbaum, Richard E., to Alexander Doll Co., Inc. Actuating mechanism for a doll head. 2,764,841, 10-2-56, Cl. 46-119.
- Birnbaum, Samuel. Guard-board for parallelly spaced aperture dental teeth grinding discs. 2,744,327, 5-8-56, Cl. 32-59.
- Birnbaum, Samuel. Cutting means for preparing natural teeth for bridgework. 2,757,455, 8-7-56, Cl. 32-59.



- Biro, George G. Receptacle supports. 2,733,845, 2-7-56, Cl. 224-5.
- Birr, Rudolph G., to American Linen Supply Co. Towel winding machine. 2,750,127, 6-12-56, Cl. 241-66.
- Birman Electric Co. *See*—
- Abiswede, Norman E. 2,744,678.
- Bradley, Addison B., Jr. 2,763,795.
- Hansen, Clarence E. 2,754,048.
- Hansen, Clarence E. 2,739,659.
- Howard, Frank S. 2,744,679.
- Howard, Frank S. 2,744,691.
- Howard, Frank S. 2,753,825.
- Howard, Frank S. 2,763,227.
- Miller, Marion F. 2,773,679.
- More, Philip J. 2,744,342.
- More, Philip J., and McCord. 2,744,343.
- Sparklin, Charles H. 2,733,000.
- Sparklin, Charles H. 2,740,215.
- Sparklin, Charles H. 2,744,412.
- Sporney, George C. 2,733,025.
- Wayne, Joseph C. 2,757,909.
- Birman, Gail H., to Monsanto Chemical Co. N, N', N'-Hexalkylphosphorohalogenoditriamidothioic acid esters. 2,757,117, 7-31-56, Cl. 167-22.
- Birman, Gail H., to Monsanto Chemical Co. Trithianylum sulfenyl chlorides. 2,747,707, 12-18-56, Cl. 167-33.
- Birman, Gail H., and R. J. Kern, to Monsanto Chemical Co. Initiation of photopolymerization. 2,769,777, 11-6-56, Cl. 204-153.
- Birum, Herbert L., Jr. *See*—
- Hammit, Andrew B., and Birum. 2,769,212.
- Birzer, Joseph G. Plow hitch. 2,754,133, 7-10-56, Cl. 240-48.
- Bischoff, Dorothy L. *See*—
- Halliburton, Erle P. 2,774,346.
- Bischoff, Fritz N., and H. P. Häberlin, to Georg Fischer Aktiengesellschaft. Process for the surface treatment of light alloy components, more particularly for the abrasive blast treatment of light alloy castings. 2,773,339, 12-11-56, Cl. 51-282.
- Bischoff, Herbert *See*—
- Nowak, James E., and Bischoff. 2,772,671.
- Bischoff, Waldemar O., to American Bosch Arma Corp. Hydraulic automatic timer. 2,743,593, 5-1-56, Cl. 64-25.
- Bischoff, Waldemar O., to American Bosch Arma Corp. Fuel injection pump. 2,771,066, 11-20-56, Cl. 123-139.
- Bischoff, Waldemar O., and K. I. Fancher, to American Bosch Arma Corp. Fuel injection pump. 2,775,233, 12-25-56, Cl. 123-140.
- Bischoff, Waldemar O., to American Bosch Arma Corp. Package dispensing apparatus. 2,738,103, 3-13-56, Cl. 221-295.
- Bisharat, Maurice H. Instrument support. 2,746,336, 5-22-56, Cl. 84-280.
- Bishman Mfg. Co. *See*—
- Bishman, Walter A. 2,760,563.
- Bishman, Walter A., to Bishman Mfg. Co. Tool and method for loosening tire beads. 2,760,563, 8-28-56, Cl. 157-126.
- Bishofberger, Carl J., to Minneapolis-Honeywell Regulator Co. Valve. 2,735,644, 2-21-56, Cl. 251-77.
- Bishop & Babcock Mfg. Co. *See*—
- Getz, Arnestad G. 2,769,479.
- Mayo, Edward L. 2,765,983.
- Mayo, Edward L. 2,769,597.
- Bishop David Freeman Co. *See*—
- Schultz, Roy M. 2,743,840.
- Bishop, Donald R., M. N. Fairbank, W. J. McCune, Jr., and N. T. Pierce, to Polaroid Corp. Photographic apparatus. 2,759,044, 8-21-56, Cl. 95-13.
- Bishop, Earl L., to The Firestone Tire & Rubber Co. Tire building apparatus. 2,754,886, 7-17-56, Cl. 154-9.
- Bishop, Edward P. Air mattress. 2,731,652, 1-24-56, Cl. 5-348.
- Bishop, G. H., Co. *See*—
- Rieck, Roy J. 2,768,774.
- Bishop, Homer L., 30 percent to E. E. Stansell. Method of manufacturing an electrolyte in a mold provided with a gasket. 2,762,093, 9-11-56, Cl. 22-204.
- Bishop, J., & Co. Platinum Works *See*—
- Hickey, George M. 2,751,907.
- Bishop, Jerry W., 50% to R. L. Hamilton. Vacuum cleaner nozzle. 2,740,153, 4-3-56, Cl. 15-415.
- Bishop, John W., to The Associated Oil Co. Concentrates useful as additives in mineral oil compositions and mineral oil compositions containing same. 2,742,431, 4-17-56, Cl. 252-467.
- Bishop, John W., to Tidewater Oil Co. Concentrates useful as additives in mineral oil compositions and mineral oil compositions containing same. 2,773,937, 12-4-56, Cl. 252-466.
- Bishop, Joseph F. Door signaling means. 2,735,397, 2-21-56, Cl. 116-100.
- Bishop, Leonard J. *See*—
- Klamp, Paul, and Bishop. 2,762,092.
- Klamp, Paul, and Bishop. 2,765,506.
- Bishop, Leonard J., to Mechanical Handling Systems, Inc. Apparatus for handling articles of manufacture. 2,732,584, 1-31-56, Cl. 18-4.
- Bishop, Leonard J., to Mechanical Handling Systems, Inc. Molding plant. 2,755,505, 7-24-56, Cl. 18-4.
- Bishop, Lewis H. *See*—
- Forslund, Charles F., Jr. 2,753,836.
- Pierce, Gus S. 2,752,831.
- Bishop, Philip C., to Imperial Chemical Industries Ltd. Machine and method for the production of blasting detonators and improved blasting detonators. 2,773,410, 12-11-56, Cl. 86-39.
- Bishop Publishing Co. *See*—
- Bishop, Robert B. 2,772,494.
- Bishop, Richard B., W. I. Denton, and W. E. Garwood, to Socony Mobil Oil Co., Inc. Desulfurization of hydrocarbon oils. 2,729,590, 1-3-56, Cl. 196-27.
- Bishop, Robert B., to Bishop Publishing Co. Display device. 2,772,494, 12-4-56, Cl. 40-125.
- Biskup, John *See*—
- Wetterau, Paul C., Biskup, and Johnson. 2,769,726.
- Bissell, Addison G. Method and apparatus for explosively fracturing tubular members. 2,737,115, 3-6-56, Cl. 102-10.
- Bissell, Carl H., and W. E. Parish, to Crouse-Hinds Co. Electrical connector. 2,751,567, 6-19-56, Cl. 339-70.
- Bissell Carpet Sweeper Co. *See*—
- Lathrop, Henry T. 2,756,495.
- Pullen, Fred W. 2,770,825.
- Sieber, Werner E. 2,741,785.
- Bissell, Joshua H. *See*—
- Felton, Frederick D., and Bissell. 2,746,827.
- Bissey, Glenn O. Animal exterminating device. 2,761,241, 9-4-56, Cl. 43-129.
- Bissinger, William E. *See*—
- Bissinger, William E., and Bissinger. 2,754,229.
- Neubauer, Joseph A., Strain, Kung, and Bissinger. 2,765,272.
- Bissonette, Alfred J., to The Baldwin Piano Co. Tone generator system. 2,756,332, 7-24-56, Cl. 250-36.
- Bissonette, Paul E. Electric switch. 2,751,470, 6-19-56, Cl. 200-163.
- Bissonnette, Harold F. *See*—
- Bissonnette, Irving M., and H. F. 2,747,739.
- Bissonnette, Irving M., and H. F. Removable fabric type strainer. 2,747,739, 5-29-56, Cl. 210-159.
- Bispany, Elias J., to Alexander Smith, Inc. Velvet loom. 2,768,649, 10-7-56, Cl. 139-40.
- Bisterfeld, Karl A. *See*—
- Bitter, Franz H., and Bisterfeld. 2,736,834.
- Bisterfeld, Karl A., to Hartford National Bank and Trust Co., as trustee. Device for high-frequency heating. 2,749,423, 8-5-56, Cl. 210-143.
- Biswell, Charles B., to E. I. du Pont de Nemours and Co. p-Phenylenediamine gasoline stabilizers and compositions containing the same. 2,734,808, 2-14-56, Cl. 44-74.
- Bitler, John W., to The Minster Machine Co. Rotary switch. 2,756,293, 7-24-56, Cl. 206-25.
- Bitler, John W., D. H. W. Merrill, J. D. Rauth, and U. W. Richardson, to The Glenn L. Martin Co. Roll control means for an aircraft. 2,768,801, 10-30-56, Cl. 244-90.
- Bitney, Dewey H., to Union Steel Products Co. Collapsible walled pallets. 2,735,568, 2-21-56, Cl. 220-6.
- Bitonte, Joseph L. *See*—
- Montgomery, Earle T., Welch, and Bitonte. 2,775,531.
- Bitter, Franz H., and K. A. Bisterfeld, to Hartford National Bank and Trust Co., as trustee. Electron discharge tube comprising a luminescent screen. 2,736,834, 2-28-56, Cl. 313-107.5.
- Bitterlin, Otto *See*—
- Bossard, Werner, and Bitterlin. 2,768,159.
- Bittle, Ethel M., Grater. 2,741,286, 4-10-56, Cl. 146-180.
- Bittman, Jess C. *See*—
- McIlvried, Edwin J., Gardner, and Bittman. 2,755,916.
- Bittner, Burt J., to the United States of America as represented by the United States Atomic Energy Commission. Directional coupling means for transmission lines. 2,749,520, 6-5-56, Cl. 333-10.
- Bittner, Charles C. Insect exterminator. 2,737,753, 3-13-56, Cl. 43-113.
- Bittnur, Louis. Weighted wood head for golf clubs. 2,756,055, 7-24-56, Cl. 273-173.
- Bituminous Coal Research, Inc. *See*—
- Von Stroh, Gerald F. H. 2,739,798.
- Von Stroh, Gerald F. H., and Thomas. 2,757,784.
- Yellott, John I. 2,750,233.
- Yellott, John I. 2,750,234.
- Yellott, John I., and Buckley. 2,771,962.
- Bitzer, Charles J. *See*—
- Rogers, Dilworth T., Bitzer, and Rudel. 2,739,051.
- Bitzer, Gottlob, to Textile Machine Works. Yarn carrier for full-fashioned knitting machines. 2,737,794, 3-13-56, Cl. 66-12.
- Bitzer, Martin, to Trico Products Corp. Rotary pump. 2,737,341, 3-6-56, Cl. 230-153.
- Bivans, E. L., Inc. *See*—
- Bivans, Elbert L. 2,749,818.
- Bivans, Elbert L., to E. L. Bivans, Inc. Knock-out for box making machine. 2,749,818, 6-12-56, Cl. 93-53.
- Bivens, Maurice E., to General Electric Co. Impulse counting circuit. 2,740,045, 3-27-56, Cl. 250-27.
- Bivens, Maurice E., to General Electric Co. Sequence timer. 2,755,394, 7-17-56, Cl. 307-132.
- Bivens, Maurice E., to General Electric Co. Sequencing control systems. 2,764,700, 9-25-56, Cl. 307-112.
- Bivens, Maurice E., to General Electric Co. Electric timer. 2,765,402, 10-2-56, Cl. 250-27.
- Bivings, John A. *See*—
- Egan, Stephen L., Bivings, and Willson. 2,762,437.
- Bivings, James F. Disinfecting device for telephones. 2,766,333, 10-9-56, Cl. 179-185.
- Bixby, Guy T. *See*—
- Thomas, Gale F., and Bixby. 2,753,445.

- Bixby, Harold W., to the United States of America as represented by the Secretary of the Navy. Ignition flare. 2,751,844, 6-26-56, Cl. 102-49.
- Bixby, Suzanne G. Swimming pool cleaning tool. 2,769,549, 11-6-56, Cl. 210-206.
- Bixby, William E., and O. A. Ullrich, Jr., to The Haloid Co. Method for the production of a xerographic plate. 2,753,278, 7-3-56, Cl. 117-200.
- Bixby, William H., to D. R. Middleton and S. M. Hanley, doing business under the name and style of Power Equipment Co. Regulated rectifying apparatus. 2,733,402, 1-31-56, Cl. 321-19.
- Bixby, William H., to D. R. Middleton and S. M. Hanley, d. b. a. Power Equipment Co. Regulated rectifying apparatus. 2,752,551, 6-26-56, Cl. 321-18.
- Bixby, William H., to D. R. Middleton and S. M. Hanley, d. b. a. Power Equipment Co. Regulated rectifying apparatus. 2,774,930, 12-18-56, Cl. 321-18.
- Bixler, George W., and C. A. Bierlein, to General Motors Corp. Exhaust stack vibration isolator. 2,775,470, 12-25-56, Cl. 285-96.
- Bixler, Roy R. Nail clam. 2,746,788, 5-22-56, Cl. 294-117.
- Bizak, Louis D., to The Parker Appliance Co. Hydraulic accumulators. 2,734,531, 2-14-56, Cl. 138-31.
- Bizjak, Stanley. Motor propelled sled. 2,738,845, 3-20-56, Cl. 150-3.
- Bjalm, Bengt G., to Reed Mfg. Co. Interconnected cam plates for operating chasers and work guide means. 2,760,213, 8-28-56, Cl. 10-122.
- Bjering, Olav. See—  
Hohl, John, Bjering and Ringel. 2,735,600.
- Bjerkas, Bernhard, to Elektrokemisk A/S. Clamp members for electrode holder. 2,753,388, 7-3-56, Cl. 13-16.
- Bjerkas, Bernhard, to Elektrokemisk A/S. Holder for electrodes. 2,758,145, 8-7-56, Cl. 13-16.
- Bjerre, Peder, to Massey-Harris-Ferguson Ltd. Grain drill. 2,763,355, 9-18-56, Cl. 193-9.
- Bjerre, Peder, to Massey-Harris-Ferguson Ltd. Grain drill. 2,768,773, 10-30-56, Cl. 222-485.
- Bjork, Carl O., to St. Paul & Tacoma Lumber Co. Kerfing machine. 2,753,900, 7-10-56, Cl. 144-136.
- Björklund, Bengt E. See—  
Holmqvist.  
Hölmqvist, Gert E. O., Björklund, and Dietsch. 2,769,880.
- Björklund, Gustaf E., and S. R. Edvardsson, to Aktiebolaget Dentatus. Devices for surgical work. 2,770,037, 11-13-56, Cl. 30-272.
- Björklund, Stanley A. See—  
Hallberg, Elmer E., and Björklund. 2,740,383.
- Björkman, Gustaf E. Rock drills with inserted cutting edges. 2,759,705, 8-21-56, Cl. 255-63.
- Björkman, Karl A. G., to Lumalampan Aktiebolag. Electric discharge tube with luminescent substance coating. 2,748,306, 5-29-56, Cl. 313-109.
- Bjorksten, Johan A. See—  
Brown, Edgar H., Jr., Dodge, and Bjorksten. 2,739,083.
- Bjorksten, Johan. Method of making curing sheets from polymerizable material. 2,760,233, 8-28-56, Cl. 18-58.
- Bjorksten, Johan. Fishing device. 2,767,501, 10-23-56, Cl. 43-7.
- Bjorksten, Johan. Methods for treating glass fibers. 2,767,519, 10-23-56, Cl. 49-77.
- Bjorksten, Johan, and H. O. Rennat, to Bjorksten Research Laboratories, Inc. Armor material. 2,768,919, 10-30-56, Cl. 154-52.5.
- Bjorksten Research Laboratories, Inc. See—  
Bjorksten, Johan, and Rennat. 2,768,919.
- Brown, Edgar H., Jr., Dodge, and Bjorksten. 2,739,083.
- Eisen, John B., Girardot, Paquette, and Rohowetz. 2,756,173.
- Elliott, John C. 2,751,289.
- Koblitz, Francis F. 2,774,697.
- Koblitz, Francis F., and Hilden. 2,760,893.
- Aeyer, Earl A. 2,751,287.
- Meyer, Earl A. 2,753,171.
- Paquette, Elmer G. 2,766,721.
- Roe, Lawrence A. 2,745,808.
- Thomas, Frederick L. 2,750,171.
- Bjorn, Thomas E. See—  
Petroff, Merlin O., and Bjorn. 2,773,238.
- Bjornberg, Swan O., to Illinois Tool Works. Apparatus for testing spindles. 2,735,189, 2-21-56, Cl. 53-179.5.
- Bjorndal, Magnus. See—  
Leht, August. 2,733,996.
- Blauuw, Andrew, and G. W. Findley, to Ford Motor Co. Tractor jack. 2,744,724, 5-8-56, Cl. 254-94.
- Blacher, Benjamin, to Blacher Brothers, Inc. Closure frame. 2,737,311, 3-6-56, Cl. 220-31.
- Blacher Brothers, Inc. See—  
Blacher, Benjamin. 2,737,311.
- Black, Arthur W. See—  
Grames, Lloyd D., and Black. 2,761,653.
- Black, Barrie T., to C. A. V. Ltd. Speed governors for liquid fuel injection pumps for internal combustion engines. 2,773,684, 12-11-56, Cl. 264-3.
- Black, Clarence S. Pickup trailer. Re. 24,227, 10-16-56, Cl. 214-390.
- Black, Leonard P., The. See—  
Allibe, Aime L. H. 2,741,954.
- Baxter, Joseph, Jr. 2,760,411.
- Baxter, Joseph, Jr. 2,775,168.
- Corbin, Wesley S., and Pearson. 2,747,471.
- Stages, Stephen A., and Pearson. Re. 24,185.
- Strindlund, John. 2,732,080.
- Strindlund, John. 2,732,081.
- Strindlund, John. 2,765,085.
- Strindlund, John. 2,765,086.
- Black & Decker Mfg. Co., The. See—  
Burton, Howard P. 2,747,435.
- Black, Dugald O. See—  
Pinkel, Isadore I., Black, Preston, and Pesman. 2,737,249.
- Black, Robert H., Jr. Rotary internal combustion engine. 2,760,466, 8-28-56, Cl. 123-13.
- Black, Frederick O., Jr. Vehicle dump bodies. 2,761,730, 9-4-56, Cl. 298-19.
- Black, Harold G., to Proctor and Schwartz, Inc. Conveyor system. 2,732,631, 1-31-56, Cl. 34-219.
- Black, Harold G., to Bell Telephone Laboratories, Inc. Reduction of interference in pulse reception. 2,769,861, 11-6-56, Cl. 179-15.6.
- Black, Harold S., and A. M. Clogston, to Bell Telephone Laboratories, Inc. Wave propagation in composite conductors. 2,759,847, 10-30-56, Cl. 333-27.
- Black, Harold S., and S. P. Morgan, Jr., to Bell Telephone Laboratories, Inc. Laminated conductor. 2,769,150, 10-30-56, Cl. 333-96.
- Black, Howard C. See—  
Young, Harland H., and Black. 2,740,799.
- Black, Jack. See—  
Koprowski, Hilary, Black, and Nelsen. 2,768,114.
- Black, James A. Apparatus for drying coated sheet stock. 2,752,696, 7-3-56, Cl. 34-149.
- Black, James F., to Esso Research and Engineering Co. Synthetic lubricants. 2,760,934, 8-28-56, Cl. 252-33.4.
- Black, James F., and R. V. Wilson, to Esso Research and Engineering Co. Wear test method. 2,751,506, 6-19-56, Cl. 250-33.8.
- Black, James G., to the United States of America as represented by the Secretary of the Navy. Magnetically constructed inertia switch. 2,744,976, 5-8-56, Cl. 300-80.
- Black, James J., to Trailmobile, Inc. Suspended lens construction for vehicular lights. 2,730,611, 1-10-56, Cl. 240-7.1.
- Black, James J., to Trailmobile, Inc. Expandable vehicle body. 2,744,781, 5-8-56, Cl. 296-21.
- Black, John I. See—  
Swett, William H. 2,762,127.
- Black, John W., Jr., to Pemco Wheel Co. Wheel and bearing assembly. 2,744,800, 5-8-56, Cl. 308-187.1.
- Black, John W., Jr., to Pemco Wheel Co. Wheel and bearing assembly. 2,747,950, 5-8-56, Cl. 308-187.2.
- Black, John W., Jr., to Pemco Wheel Co. Wheel and bearing structure and seal therefor. 2,750,238, 6-12-56, Cl. 308-187.1.
- Black, Kermit K., and J. W. Hunt, to D. H. Braman. Measuring apparatus. 2,742,609, 4-17-56, Cl. 324-61.
- Black, Leon P. Automatic control for machines. 2,764,039, 9-25-56, Cl. 74-665.
- Black, Lloyd V., to Pittsburgh Plate Glass Co. Apparatus for treating sheet glass. 2,736,140, 2-28-56, Cl. 49-87.
- Black, Louis, to Aerovox Corp. Generator frequency control by electric braking. 2,797,367, 10-16-56, Cl. 322-32.
- Black, Maurice. Circumference board. 2,743,974, 5-1-56, Cl. 311-5.
- Black, Otis D., and R. M. Walsh, to Radio Corp. of America. Printed circuits. 2,758,074, 8-7-56, Cl. 204-15.
- Black Products Co. See—  
Lau, Erwin M. 2,733,040.
- Black, Ralph C. Service tray. 2,763,378, 9-18-56, Cl. 211-88.
- Black, Robert B. Apparatus for mixing an abrasive powder with a gaseous carrier under pressure. 2,766,558, 10-16-56, Cl. 51-12.
- Black, Sivalis & Bryson, Inc. See—  
Boetiger, John H. 2,747,594.
- Laurence, Lawton L., and Hayes. 2,768,118.
- Black, Thomas R. Manually operated pilot controlled regulating valve. 2,773,510, 12-11-56, Cl. 137-614.14.
- Black, William A., to General Time Corp. Elapsed time recorder. 2,755,995, 7-24-56, Cl. 235-61.8.
- Black, William G. Walking aid. 2,738,830, 3-20-56, Cl. 155-22.
- Blackard, Virginia M. See—  
Prindle, Robert F., and Blackard. 2,741,574.
- Blackburn, Andrew R. See—  
Dryer, John F., Steele, and Blackburn. 2,733,494.
- Blackburn, Elise F. See—  
Farry, Harvey L., and Blackburn. 2,739,134.
- Blackburn, Charles M. See—  
Seavey, Frederick R., and Blackburn. 2,738,699.
- Blackburn, Charles M., to Olin Mathieson Chemical Corp. Blasting caps. 2,763,211, 9-18-56, Cl. 102-28.
- Blackburn and General Aircraft Ltd. See—  
Brumby, Harold, and Warburton. 2,761,637.
- Maynard, Harry. 2,729,417.
- Maynard, Harry. 2,729,418.
- Blackburn, Howard D. Interchangeable drill. 2,736,562, 2-28-56, Cl. 279-76.



- Blackburn, James M. Nail polish remover and cuticle softener. 2,765,257, 10-2-56, Cl. 167-85.
- Blackburn, John F., and Shih-Ying Lee, to the United States of America. Flowmeter. 2,735,299, 2-21-56, Cl. 73-228.
- Blackburn, Louis A. Vacuum milk tank. 2,767,962, 10-23-56, Cl. 257-211.
- Blackburn, Luther A. Lubricating foam balance deep oil well pumping unit. 2,756,602, 7-31-56, Cl. 74-37.
- Blackburn, Raymond E., and A. J. Heitz, to Container Corp. of America. Shipping package and container for sheet materials. 2,742,145, 4-17-56, Cl. 206-60.
- Blackburn, Reginald M. See—
- Hunter, William A., Blackburn, and Nutter. 2,751,631.
- Blackburn, Thomas R., and G. R. Lynch; said Lynch to said Blackburn. Excavating machine. 2,753,570, 7-24-56, Cl. 37-2.
- Blackett, Eben G., and A. J. Soliday, to American Cyanamid Co. Preparation of choline base and choline salts. 2,774,759, 12-18-56, Cl. 260-231.5.
- Blackford, Raymond H. to Durabla Mfg. Co. Valve. 2,754,844, 7-17-56, Cl. 137-514.
- Blackford, Wallace F., and J. C. Yeager, to McGraw Electric Co. Mercury vapor lighting system. 2,760,115, 8-21-56, Cl. 315-122.
- Blackhall, James M. See—
- McLennan, George P., and Blackhall. 2,742,534.
- Blackhall, James M., M. G. Ryon, D. S. Baker, and G. P. Martin, to North Electric Co. Automatic telephone system. 2,742,535, 4-17-56, Cl. 179-91.
- Blackhall, James M., to North Electric Co. Position-then-lock jack. 2,744,968, 5-8-56, Cl. 179-91.
- Blackhall, James M., W. H. Blashfield, D. D. Simmons, M. G. Ryon, and C. C. Crow, to North Electric Co. Automatic telephone exchange. 2,767,250, 10-16-56, Cl. 179-18.
- Blackman, Charles E., and K. G., to De Kalb Agricultural Association, Inc. Elevating conveyor. 2,753,979, 7-10-56, Cl. 141-141.
- Blackman, Glenn R. Sealed joint. 2,764,311, 9-25-56, Cl. 220-46.
- Blackman, Kent G. See—
- Blackman, Charles E., and K. G. 2,753,979.
- Blackman, Seymour N., to French Pharmaceutical Laboratories, Inc. Hypodermic syringes. 2,767,710, 10-23-56, Cl. 128-218.
- Blackman, Sidney W. See—
- Rowland, Horace B. 2,739,225.
- Blackman, Stuart B., and E. Briggs, to The Bristol Aeroplane Co. Ltd. Rotary machines. 2,749,087, 6-5-56, Cl. 253-39.1.
- Blackmer, David E., and J. F. Moore, to the United States of America as represented by the Secretary of the Navy. Deicing apparatus. 2,760,191, 8-21-56, Cl. 343-704.
- Blackmon, Truett M., and F. D. Porter, to Douglas Aircraft Co. Weight and balance indicator. 2,759,356, 8-21-56, Cl. 73-65.
- Blackmore, Edward J. Adjustable holder for nursing bottles and the like. 2,738,152, 3-13-56, Cl. 248-103.
- Blackstone Corp. See—
- Lodge, Alvin. 2,731,982.
- Lodge, Alvin. 2,733,610.
- Lodge, Alvin. 2,748,945.
- Lodge, Alvin. 2,765,644.
- Blackstone, Henry. Bottle construction. 2,744,646, 5-8-56, Cl. 215-11.
- Blackwood, Waves. Railway vehicle axles. 2,747,918, 5-29-56, Cl. 295-36.
- Blackwood, Waves. Resilient axle and car wheel assemblies. 2,759,759, 8-21-56, Cl. 295-43.
- Blada, Edward H. Vehicle hitch means of the resilient type. 2,736,576, 2-28-56, Cl. 280-482.
- Bladh, Elmer H., to Nu Tone, Inc. Illuminated switch. 2,767,498, 10-23-56, Cl. 40-130.
- Blaker, Joseph. Ultraviolet air disinfecting appliance. 2,732,501, 1-24-56, Cl. 250-43.
- Blage, Leon, to Esso Research and Engineering Co. Grinder for abrasive discs of pumps. 2,738,627, 3-20-56, Cl. 51-245.
- Blaha, Emil, to Selsco Corp. of America. Gas-fueled radiant burner. 2,762,428, 9-11-56, Cl. 158-113.
- Blaho, Rudolph G. See—
- Propst, Matthias J., and Blaho. 2,752,167.
- Blain, Paul, to Societe Anonyme des Acieries et Forges de Frustuy. Crushing device in rolling mills. 2,736,217, 2-23-56, Cl. 80-56.
- Blaine, John E., Jr., to H. P. Wager. Preserving of foodstuffs. 2,765,236, 10-2-56, Cl. 99-209.
- Blaine, Thomas, to The Harshaw Chemical Co. Chromium catalyst. 2,745,803, 5-15-56, Cl. 20-31.
- Blair, Charles. Gauge for liquid storage tanks. 2,738,675, 3-20-56, Cl. 73-322.
- Blair, Charles M., Jr., and K. J. Lissant, to Petrolite Corp. Carbonate rock aggregate bonded with bitumen containing a polyalkylene polyamino imidazoline. 2,766,132, 10-9-56, Cl. 106-273.
- Blair, Chester A., to Rockwell Spring and Axle Co. Reverse gearing. 2,749,766, 6-12-56, Cl. 74-379.
- Blair, Etycl H., to The Dow Chemical Co. Bis(dihalocyanovinyl) terephthalates. 2,734,070, 2-7-56, Cl. 260-465.
- Blair, Etycl H., to The Dow Chemical Co. Bis (halocyanovinyl) terephthalates. 2,734,071, 2-7-56, Cl. 260-465.
- Blair, Etycl H., to The Dow Chemical Co. Substituted benzoates. 2,759,963, 8-21-56, Cl. 260-465.
- Blair, Etycl H., to The Dow Chemical Co. Dihaloecyanovinyl benzoates. 2,764,608, 9-25-56, Cl. 260-465.
- Blair, Frank P. See—
- McGrath, John R., and Blair. 2,754,149.
- Blair, James W. A., Caldwell, and F. A. McLellan, to Imperial Chemical Industries Ltd. Recovery of glycerol. 2,741,638, 4-10-56, Cl. 260-637.
- Blair, Lloyd S. See—
- Cederstrom, Curtiss M., Blair, and Russ. 2,756,397.
- Blair, Paul H. Power-operated toothbrush. 2,739,327, 3-27-56, Cl. 15-23.
- Blair, Philip H. Combination cover and vibration dampener for spring sash balances. 2,742,666, 4-24-56, Cl. 16-197.
- Blair, Royer R., to Bell Telephone Laboratories, Inc. Ohmmeter. 2,749,512, 6-5-56, Cl. 324-64.
- Blair, Royer R., to Bell Telephone Laboratories, Inc. Apparatus for testing nonlinear resistors. 2,749,517, 6-5-56, Cl. 324-158.
- Blair, Royer R., to Bell Telephone Laboratories, Inc. Apparatus for testing resistors. 2,754,467, 7-10-56, Cl. 321-19.
- Blair, Royer R., to Bell Telephone Laboratories, Inc. Protection circuit. 2,763,817, 9-18-56, Cl. 317-51.
- Blais, Lionel, to Tricnit Hosiery Mills, Inc. Knitting machine. 2,734,361, 2-14-56, Cl. 66-108.
- Blaisdel, George G., and L. Fickinger, to Zippo Mfg. Co. Table lighter. 2,744,254, 12-15-56, Cl. 67-4.1.
- Blaisot, Pierre, to Institut de Recherches pour les Huiles et Oleagineux. Methods of obtaining carotene from palm oil. 2,741,644, 4-10-56, Cl. 260-666.
- Blake, Archie, to Mechanical Research Corp. Percussion tools. 2,773,451, 12-11-56, Cl. 121-12.
- Blake, Arthur J. See—
- Fessler, Frank. 2,762,375.
- Blake, Edward S., and R. J. Wineman, to Monsanto Chemical Co. Poultry feed. 2,745,745, 5-15-56, Cl. 99-4.
- Blake, Francis G. See—
- Blake, Francis G., Aagaard, and Blake. 2,772,405.
- Blake, Francis G., Jr. to California Research Corp. Method of initiating underwater seismic disturbances. 2,771,961, 11-27-56, Cl. 181-5.
- Blake, George. Replaceable cover for convertible automobile top. 2,765,192, 10-2-56, Cl. 296-107.
- Blake, James P., Deady, and J. R. Haske, to the United States of America as represented by the Secretary of the Army. Container cleaning apparatus. 2,763,274, 9-18-56, Cl. 134-52.
- Blake, James M., II. Convertible automobile top of the telescoping type. 2,733,954, 2-7-56, Cl. 296-117.
- Blake, Linden V. Instructional device for use in connection with ball games. 2,772,887, 12-4-56, Cl. 273-186.
- Blake, Nicholas M. Closure fastener. 2,771,313, 11-20-56, Cl. 292-142.
- Blake, Ralph A., to United States Rubber Co. Molding apparatus. 2,763,028, 9-18-56, Cl. 18-34.
- Blake, Robert A., to the United States of America as represented by the United States Atomic Energy Commission. Process of recovering uranium from its ores. 2,750,254, 6-12-56, Cl. 23-14.5.
- Blake, Robert L. Wet dust separator. 2,767,806, 10-23-56, Cl. 133-22.
- Blake, Robert W. See—
- Jurs, Peter C., and Blake. 2,732,856.
- Blake, Thomas G., to Olin Mathieson Chemical Corp. Blasting cap. 2,771,034, 11-20-56, Cl. 102-28.
- Blair, Edna B. See—
- Blakeley, Gordon M. 2,735,713.
- Blakeley, Gordon M., deceased, by E. B. Blakeley, executrix, to The Diamond Match Co. Log grab. 2,735,713, 2-21-56, Cl. 294-67.
- Blakely, Robert T., to International Business Machines Corp. Supervisory system for record controlled translator. 2,735,086, 2-14-56, Cl. 340-228.
- Blakemore, Wilbur F. See—
- Andenberg, Axel W., and Blakemore. 2,766,489.
- Andenberg, Axel W., and Blakemore. 2,766,490.
- Blakemore, Clinton A., to The Bristol Co. Recording and indicating or controlling instrument. 2,746,832, 5-22-56, Cl. 346-17.
- Blakslee, Edward L. See—
- Doudra, John J., Jr., and Blakslee. 2,737,803.
- Blanch, A. B., and Co. Ltd. See—
- Miller, Sidney D. 2,767,869.
- Blanchard, Allen W., to Bendix Aviation Corp. Multi-engine control means. 2,740,260, 4-3-56, Cl. 60-97.
- Blanchard, Allen W., to Bendix Aviation Corp. Control system. 2,762,006, 9-4-56, Cl. 318-489.
- Blanchard, Allen W., to Bendix Aviation Corp. Control system. 2,762,007, 9-4-56, Cl. 318-489.
- Blanchard, Andre, and M. Mennecier, deceased (by A. Mennecier, executrix), to Schlumberger Well Surveying Corp. Electrode carrier means for well logging apparatus. 2,732,525, 1-24-56, Cl. 324-10.
- Blanchard, Andre R. See—
- Bafo, Georges F., and Blanchard, and Raymond. 2,762,485.
- Blanchard, Charles M. Dowelling device. 2,740,308, 4-3-56, Cl. 77-62.
- Blanchard, Donn C., to Stanley Building Specialties Co. Sectional housing for jackscrew operators. 2,729,113, 1-3-56, Cl. 74-417.
- Blanchard, Donn C., to Stanley Building Specialties Co. Hinge construction for pivotally mounted window sash. 2,767,442, 10-23-56, Cl. 20-42.

- Blanchard, Donn C., to Stanley Building Specialties Co. Sash construction for awning type windows. 2,767,813, 10-23-56, Cl. 189-65.
- Blanchard, Donn C., to Stanley Building Specialties Co. Mechanical operator for awning type windows. 2,774,590, 12-18-56, Cl. 268-23.
- Blanchard, Edward R., Jr.: *See—*
- Carpenter, Gilbert B., Blanchard, and Buselli. 2,765,354.
- Blanchard, Edward R., and F. E. McKenna, to Air Reduction Co., Inc. Production of carbide product and methylacetylene. 2,729,689, 1-3-56, Cl. 260-678.
- Blanchard, James K., and J. E. Wood, to Carter Insecticide & Chemical Co., Inc. Liquid discharge apparatus. 2,750,080, 6-12-56, Cl. 232-155.
- Blanchard, James K., and J. E. Wood, to Carter Insecticide & Chemical Co., Inc. Liquid discharge apparatus. 2,757,823, 8-7-56, Cl. 222-165.
- Blanchard, Loring W., Jr.: *See—*
- Malm, Carl J., and Blanchard. 2,772,266.
- Blanchard Machine Co., The: *See—*
- Skilling, Harold F. 2,751,722.
- Blanchard, Robert L. Tent with expansible all-purpose front or fly. 2,742,912, 4-24-56, Cl. 135-1.
- Blanchard, Walter, Jr., and D. D. Bowie, to General Motors Corp. Propeller spinner assembly. 2,745,501, 5-13-56, Cl. 170-160.23.
- Blancher, Donald W., to Bendix Aviation Corp. Frequency modulation detector. 2,761,969, 9-4-56, Cl. 250-27.
- Blanchette, Hilaire, and V. Bolduc, to La Compagnie J. A. Gosselin, Limited. Churn. 2,737,368, 3-6-56, Cl. 257-89.
- Bland, George F., to International Business Machines Corp. Register display devices. 2,754,450, 7-10-56, Cl. 315-22.
- Bland, Reginald B. Indicating and control device. 2,766,445, 10-9-56, Cl. 340-345.
- Bland, Reginald B. Control means for indicating and control device. 2,766,446, 10-9-56, Cl. 340-345.
- Bland, Thomas W., and L. A. O'Brien. Thermo-detector. 2,735,913, 2-21-56, Cl. 200-140.
- Bland, Thomas W., and L. A. O'Brien, to Fire Spotter Electric Alarm Co. Electric fire alarm system. 2,736,012, 2-21-56, Cl. 340-227.
- Blanding, Forrest H., to Esso Research and Engineering Co. Combination oil refining process. 2,766,184, 10-9-56, Cl. 196-49.
- Blanding, Forrest H., and W. F. Schmidt, Jr., to Esso Research and Engineering Co. Steam treatment of regenerated catalysts employed in the conversion of hydrocarbons. 2,755,231, 7-17-56, Cl. 196-52.
- Blank, Ferdinand. Air-vent means for medical casts. 2,731,963, 1-24-56, Cl. 128-91.
- Blank, Lawrence: *See—*
- Capella, Primo J., and Blank. 2,765,205.
- Blanke, Gordon C., to Beckman Instruments Inc. Voltage regulating circuit. 2,734,162, 2-7-56, Cl. 321-15.
- Blanke, Nathan E., to The Harvard Mfg. Co. Utility piece of furniture. 2,754,199, 1-1-56, Cl. 5-2.
- Blanke, Nathan E. Adjustable leg structure for bed frame or the like. 2,750,602, 6-19-56, Cl. 5-11.
- Blankenagel, Heinrich, P. Ahls, and H. Ebersold, to Thyssen'sche Gas- und Wasserwerke G. m. b. H., and Vereinigte Armaturen-Gesellschaft m. b. H. Gate valve. 2,769,609, 1-16-56, Cl. 251-199.
- Blankenburg, Frederick R. Engine starter. 2,744,586, 5-8-56, Cl. 185-41.
- Blankenship, Allen N. Slave motor. 2,739,278, 3-20-56, Cl. 318-194.
- Blanton, William B., and F. L. Currie, to The Western Union Telegraph Co. Telegraph system. 2,735,884, 2-21-56, Cl. 178-2.
- Blaser, Bruno, M. Rugenstein, and G. Tischbirek, to Henkel & Cie. G. m. b. H. Preparation of water-soluble sulfonated styrene polymers. 2,764,576, 9-25-56, Cl. 260-79.3.
- Blaser, Bruno, and G. Tischbirek, to Henkel & Cie. G. m. b. H. Sulfonation of organic hydroxy compounds. 2,771,484, 11-20-56, Cl. 260-459.
- Blaser, Wilfred A., and R. W. McLain, to Innes Co. Pick-up for seed crops. 2,732,678, 1-31-56, Cl. 56-364.
- Blaser, Wilfred A., and R. W. McLain, to Innes Co. Pick-up for windrow devices. 2,761,270, 9-4-56, Cl. 56-370.
- Blashfield, Floyd A.: *See—*
- Berner, Harry M., and Blashfield. 2,759,695.
- Blashfield, William H.: *See—*
- Blackhall, James M., Blashfield, Simmons, Ryon, and Crow. 2,767,250.
- Blasi, F., & Co.: *See—*
- Reichel, Walter. 2,751,719.
- Blaski, John F. Roof construction. 2,754,776, 7-17-56, Cl. 108-13.
- Blaskovitz, Desiderius D.: *See—*
- Schlesselman, John H., and Blaskovitz. 2,733,753.
- Blaskow, Roman G. Device for automatically feeding fish. 2,747,317, 5-29-56, Cl. 43-15.
- Blass, Ludwig. Method of and means for the irrigation of land. 2,752,201, 6-26-56, Cl. 299-106.
- Blatherwick, Deibert T., to Robertson Photo-Mechanix, Inc. Process camera backs. 2,750,939, 1-17-56, Cl. 95-49.
- Blatt, Paula. Girdle anchor. 2,742,648, 4-24-56, Cl. 2-313.
- Blatt, Paula. Women's garter suspender. 2,750,597, 6-19-56, Cl. 2-305.
- Blatt, Paula. Panty. 2,763,009, 9-18-56, Cl. 2-41.
- Blattenberger, John W., to Sun Oil Co. Hydrophobic silica base lubricants containing 1,3-diols as anti-gelation agents. 2,752,310, 6-26-56, Cl. 252-28.
- Blattner, Emil H., to The Symington-Gould Corp. Snubbing mechanism. 2,784,741, 2-14-56, Cl. 267-9.
- Blattner, Emil H., to The Symington-Gould Corp. Snubber. 2,746,744, 5-22-56, Cl. 267-9.
- Blattner, Emil H., to The Symington-Gould Corp. Snubber attaching means. 2,747,696, 5-29-56, Cl. 188-129.
- Blattner, Emil H., to The Symington-Gould Corp. Knuckle anti-creep device. 2,760,652, 8-28-56, Cl. 213-155.
- Blattner, Meyer S. Apparatus for comparing and analyzing handwriting. 2,730,817, 1-17-56, Cl. 35-36.
- Blatz Brewing Co.: *See—*
- Schmidt, Edward F. 2,764,379.
- Blatz, Leo J., to Esso Research and Engineering Co. Refining naphthenic lube-oil distillates with a eutectic mixture of sodium hydroxide and potassium hydroxide. 2,773,807, 12-11-56, Cl. 196-41.
- Blatz, Peter A., ½ to E. B. Kane, ½ to M. B. Simon, and ½ to E. B. Kane. Leather working machine. 2,758,425, 8-14-56, Cl. 51-78.
- Blatz, William E.: *See—*
- Dyrkacz, Wasil W., Reynolds, and Blatz. 2,763,547.
- Blau, M., Mfg. Co., Inc.: *See—*
- Blau, Max. 2,736,632.
- Blau, Max, to M. Blau Mfg. Co., Inc. Dry cleaning process. 2,736,632, 2-28-56, Cl. 8-142.
- Blaufuss, Hulda M. Sanitary diaper garment. 2,754,824, 7-17-56, Cl. 128-284.
- Blauw, Charles G.: *See—*
- Graham, William R., Jr., Kohler, and Blauw. 2,751,302.
- Blaw-Knox Co.: *See—*
- Eckstrom, Albert W. 2,769,489.
- Eckstrom, Albert W., and Hill. 2,745,484.
- Eckstrom, Albert W., and Moore. 2,753,932.
- Lees, Oscar M. 2,772,665.
- Leslie, Eugene H., and Crocker. 2,751,301.
- Mittelstadt, Clarence F. 2,744,456.
- Neubauer, Herman E., Harcourt, and Angstadt. 2,760,791.
- Ornitz, Nathaniel B. 2,772,872.
- Pottmeyer, Edward W. 2,767,738.
- Shields, James R. 2,730,386.
- Siegerist, Walter. 2,741,293.
- Siegerist, Walter, and Didden. 2,757,707.
- Siegerist, Walter L. 2,755,858.
- Vanschoten, Vincent V. 2,743,706.
- Wilson, Bert A. 2,748,545.
- Blaxhall, Kenneth W.: *See—*
- McLellan, Harry E. S., and Blaxhall. 2,761,929.
- Blay, Harold P., to Chrysler Corp. Horn ring structure. 2,733,526, 2-7-56, Cl. 40-8.
- Blaze, Joseph J. Torque stabilizer for vehicle axles. 2,736,572, 2-28-56, Cl. 280-124.
- Blazek, Robert J.: *See—*
- Erchak, Michael, Jr., and Blazek. 2,766,214.
- Erchak, Michael, Jr., and Blazek. 2,775,579.
- Blazek, William J., to Lemppo Products, Inc. Latching means for set retainers. 2,774,430, 12-18-56, Cl. 164-118.
- Blakely, William Y., to Kaiser Aluminum & Chemical Corp. Articles and methods for use with metal surfaces. 2,755,167, 7-17-56, Cl. 21-2.5.
- Bleam, Howard A., to Admiral Corp. Latch mechanism. 2,760,790, 6-29-56, Cl. 292-193.
- Bleichschmidt, Fred E. Curtain rod bracket fastener. 2,762,596, 9-11-56, Cl. 248-265.
- Bleck, Max E.: *See—*
- Replogle, Edward H., and Bleck. 2,765,130.
- Bledsoe, Carl M., ½ to C. E. Cooper. Article supporting container apparatus. 2,743,358, 4-10-56, Cl. 198-195.
- Bleth, Clifford L., to Hy Ginsburgh. Glove. 2,742,645, 4-24-56, Cl. 2-169.
- Blench, Ronald O. Aromatisation of powders. 2,738,276, 3-13-56, Cl. 99-71.
- Blessing, Wilhelm: *See—*
- Berdelle-Hilge, Philipp, Schreiner, Blessing, and Stöhr. 2,773,454.
- Bletcher, Ralph E., and I. A. Ward, to Modern Faucet Mfg. Co. Anti-siphon manual diverter. 2,741,258, 4-10-56, Cl. 137-119.
- Bletcher, Ralph E., and I. A. Ward, to Modern Faucet Mfg. Co. Pressure control fittings. 2,769,454, 11-6-56, Cl. 137-119.
- Bletzinger, John C.: *See—*
- Rightor, Edward, Jr., and Bletzinger. 2,765,510.
- Uremohlen, William J., and Bletzinger. 2,737,466.
- Bletzinger, John C., to Kimberly-Clark Corp. Cellulosic product. 2,761,449, 9-4-56, Cl. 128-285.
- Bleuenstein, Julius M., to Ford Motor Co. Remote strike off. 2,771,649, 11-27-56, Cl. 22-193.
- Bleuze, Jacques, and P. Dussaussoy, to Societe Francaise Radio-Electrique. High vacuum discharge tube. 2,756,892, 7-31-56, Cl. 220-2.1.
- Blevins, Eugene A., to American Blower Corp. Crane hoist mechanism. 2,746,583, 5-22-56, Cl. 192-2.
- Blevins, George A., and C. B. Ensinger. Adjustable dolly for kitchen stoves and the like. 2,730,373, 1-10-56, Cl. 280-35.
- Blevins, Stanley D. Attachment for beds. 2,750,605, 6-19-56, Cl. 2-331.
- Blewett, Kirby A. Welder's work stand. 2,733,330, 1-31-56, Cl. 219-17.
- Black, Philip, and E. W. Hopkins, to Armour and Co. Preparation of egg white additives. 2,752,248, 6-26-56, Cl. 99-113.



- Blicke, Frederick F., to Regents of The University of Michigan. Polyurethyleneiminoethyl esters of diphenylacetic and benzoic acids, salts thereof and preparation thereof. 2,735,847, 2-21-56, Cl. 260-239.
- Blicke, Frederick F., to The Regents of the University of Michigan. Heterocyclic nitrogen compounds. 2,743,269, 4-24-56, Cl. 260-239.
- Blicke, Frederick F., to The Regents of the University of Michigan. Heterocyclic nitrogen compounds. 2,743,270, 4-24-56, Cl. 260-239.
- Blicke, Frederick F., to Regents of The University of Michigan. Polyurethyleneiminoalkanols. 2,748,113, 5-29-56, Cl. 260-239.
- Bliekenderfer, Charles, Jr., to Weyerhaeuser Timber Co. Feed mechanism for lumber conveyor. 2,731,130, 1-17-56, Cl. 198-34.
- Bligh, Frank C., to The Permutit Co. Operation of cation exchange units. 2,774,732, 12-18-56, Cl. 210-24.
- Bliley, Leo E. Method of preparing a precooked frozen food package. 2,768,086, 10-23-56, Cl. 99-192.
- Blindenbacher, Kenneth F., and H. W. Fatkin. Measurement indicating means for optical instruments. 2,734,273, 2-14-56, Cl. 33-64.
- Blink, Peter, to Mitchell Mfg. Co. Improvements in collapsible leg and brace mechanism for folding tables. 2,730,418, 1-10-56, Cl. 311-92.
- Blish, Matthew B. Dispensing applicator and container therefor. 2,772,431, 12-24-56, Cl. 15-136.
- Bliss, Morris J., to International Minerals & Chemical Corp. Purification and recovery of pyrrolidone carboxylic acid. 2,738,353, 3-13-56, Cl. 260-326.3.
- Bliss, Carl M., to General Motors Corp. Transmission control indicator assembly. 2,737,147, 3-6-56, Cl. 116-124.
- Bliss, Carl M., to General Motors Corp. Steering column assembly. 2,760,882, 8-28-56, Cl. 74-492.
- Bliss, E. W. Co.: See—  
Breza, George, and Abramsen. 2,731,869.
- Bliss, Harvey N., to Veeder-Root, Inc. Timer. 2,733,764, 7-56, Cl. 161-1.
- Bliss, Harvey N., to Veeder-Root Inc. Reset mechanism for registers. 2,739,736, 3-27-56, Cl. 222-33.
- Bliss, Harvey N., to Veeder-Root Inc. Apparatus for dispensing selected mixtures of two liquids. 2,743,843, 5-1-56, Cl. 222-36.
- Bliss, Joseph A., P. C. Lakin, J. W. Maxwell, and H. B. Schoch, Jr., P. R. Mallory & Co. Inc. Electrolytic capacitor. 2,758,258, 8-7-56, Cl. 317-230.
- Blitch, Beulah E. Brassiere. 2,753,563, 7-10-56, Cl. 2-42.
- Blittschau, Edward H. Tape feeding device for sewing machines. 2,744,481, 5-8-56, Cl. 112-2.
- Blitz, Daniel: See—  
Richmond, Martin R., and Blitz. 2,774,035.
- Sanders, Royden C., Jr., and Blitz. 2,740,294.
- Blizard, John: See—  
Frisch, Martin, and Blizard. 2,737,370.
- Blizard, John, to Foster Wheeler Corp. Means for selectively cleaning heat exchange tubes. 2,766,968, 10-16-56, Cl. 257-1.
- Bloch, Alfred, to Hazeltine Research, Inc. Differential repeater system. 2,771,583, 11-20-56, Cl. 324-123.
- Bloch, Ernest. Butcher's accessory. 2,750,610, 6-19-56, Cl. 198-34.
- Bloch, Herman S.: See—  
Hervert, George L., and Bloch. 2,761,000.
- Bloch, Herman S., to Universal Oil Products Co. Preparation of alumina-aluminum halide catalysts. 2,733,219, 1-31-56, Cl. 252-442.
- Bloch, Herman S., to Universal Oil Products Co. Production of alumina. 2,758,011, 8-7-56, Cl. 23-143.
- Bloch, Herman S., to Universal Oil Products Co. Insecticidal compounds. 2,771,479, 11-20-56, Cl. 260-407.
- Bloch, Herman S., and G. L. Hervert, to Universal Oil Products Co. Method of synthesizing tert-alkyl substituted aromatic compounds. 2,737,536, 3-6-56, Cl. 260-671.
- Bloch, Herman S., and G. L. Hervert, to Universal Oil Products Co. Production of alumina. 2,746,842, 5-22-56, Cl. 23-143.
- Bloch, Herman S., and R. B. Thompson, to Universal Oil Products Co. Resinous products from aromatic polyketones and thio acid polyamides. 2,752,527, 6-26-56, Cl. 260-65.
- Bloch, Herman S., and R. B. Thompson, to Universal Oil Products Co. Nitrogen containing resinous products from ketonamides. 2,757,164, 7-31-56, Cl. 260-65.
- Bloch, Herman S., and A. E. Hoffman, to Universal Oil Products Co. Printing ink vehicle containing ester-hydrocarbon copolymer drying oil. 2,762,712, 9-11-56, Cl. 100-28.
- Bloch, Monroe P.: See—  
Harris, Frederic R. 2,761,409.
- Harris, Frederic R. 2,768,598.
- Harris, Frederic R. 2,768,599.
- Harris, Frederic R. 2,768,600.
- Harris, Frederic R. 2,774,322.
- Harris, Frederic R. 2,775,095.
- Harris, Frederic R., Downs, Lobenthal, and Bloch. 2,756,712.
- Bloch, Aleck, to Merit Products, Inc. Method of making grinding wheels. 2,749,224, 6-5-56, Cl. 51-293.
- Bloch, Aleck. Abrasive polishing device. 2,774,200, 12-18-56, Cl. 51-194.
- Bloch, Aleck, and A. Mannheimer. Remote control mechanism for television receivers. 2,769,344, 11-6-56, Cl. 74-10.15.
- Block, Alfred, and J. F. Gettemans, to Ethicon, Inc. Process for preparing sutures and ligatures. 2,750,251, 6-12-56, Cl. 8-94.11.
- Block & Anderson Ltd.: See—  
Dorman, Stanley, and Anderson. 2,738,727.
- Watson, Leonard H. N., Brown, and Hall. 2,751,224.
- Block, Arnold H., to Bendix Aviation Corp. Emergency control system, regulator and computer mechanism. 2,763,986, Cl. 60-39.28.
- Block, Carl J., to General Motors Corp. Transmission control mechanism. 2,766,637, 10-16-56, Cl. 74-368.
- Block, Edwin H.: See—  
Gres, Marcel E., and Block. 2,766,350.
- Block, Edwin H., to the United States of America as represented by the Secretary of the Navy. Water tight switch. 2,748,229, 5-29-56, Cl. 200-169.
- Blom, Elton E. Sprinkler guard. 2,751,250, 6-19-56, Cl. 299-60.
- Block, Herman H. Rider propelled gallop-simulating hobby horse. 2,759,736, 8-21-56, Cl. 280-1182.
- Block, Richard F. Tractor driven fluid transmission chain saw. 2,733,738, 2-7-56, Cl. 143-32.
- Block, Richard J.: See—  
Henderson, Richard, and Block. 2,754,292.
- Dock, Richard J., to The Borden Co. Lactalbumin composition. 2,738,275, 3-13-56, Cl. 99-19.
- Block, Richard J., W. H. Wingerd, and R. Henderson, to The Borden Co. Electrolysis of solutions. 2,755,965, 8-14-56, Cl. 204-180.
- Block, Zeas, G. J., Rosner, and A. H. Goodman, to Doughnut Corp. of America. Edible dusting composition. 2,739,896, 3-27-56, Cl. 99-92.
- Blockage, Norman S. V-block formations. 2,771,822, Cl. 11-27-56, Cl. 90-59.
- Blodgett, Edwin O., to Commercial Controls Corp. Typewriter tabulating mechanism. 2,739,690, 3-27-56, Cl. 197-176.
- Bloedow, Clarence F., to H & B Enterprise Corp. Thread coupling. Re. 24,133, 3-20-56, Cl. 189-36.
- Blöhm, Oscar A. Locking device. 2,737,043, 3-6-56, Cl. 70-14.
- Blok, Lourens, to Hartford National Bank and Trust Co., as trustee. High-frequency heating generator. 2,751,502, 6-19-56, Cl. 250-36.
- Blok, Lourens, to Hartford National Bank and Trust Co., as trustee. High-frequency device for dielectric heating. 2,756,314, 7-24-56, Cl. 219-10.77.
- Blok, Lourens, to Hartford National Bank and Trust Co., as trustee. High-frequency device for dielectric heating. 2,768,270, 10-23-56, Cl. 219-10.77.
- Blok, Lourens, to Hartford National Bank and Trust Co., as trustee. Clamping device intended for the electrical connection of a work-coil for the inductive heating of workpieces to the secondary winding of the output coil of a high-frequency. 2,751,481, 6-19-56, Cl. 219-10.79.
- Blok, Lourens, G. Starre, G. Zwanenburg, and J. W. de Ruiter, to Hartford National Bank and Trust Co., as trustee. Stabilized oscillator. 2,773,192, 12-4-56, Cl. 250-36.
- Blom, Bertel S.: See—  
Wenstrom, Richard T. 2,731,121.
- Blom, Pake, to Aerial navigation apparatus. 2,753,112, 7-3-56, Cl. 235-61.
- Blomberg, Harry, to The Youngstown Steel Door Co. Lading strap anchors. 2,770,198, 11-13-56, Cl. 105-369.
- Blomberg, Richard N.: See—  
Bruce, William F., and Blomberg. 2,730,892.
- Blome, Wilhelm. Pumps for inflating inflatable bodies. 2,731,195, 1-17-56, Cl. 230-172.
- Blomeley, Ralph. Insulating structure. 2,746,578, 5-22-56, Cl. 189-34.
- Blomgren, Oscar C., to Tuxco Corp. Power transmission coupling device. 2,759,776, 8-21-56, Cl. 308-187.1.
- Blomgren, Oscar C., and O. C. Jr. to Tuxco Corp. Rotary pump. 2,759,426, 8-21-56, Cl. 103-42.
- Blomgren, Oscar C., Jr.: See—  
Blomgren, Oscar C. and O. C., Jr. 2,759,426.
- Blomquist, Albert E., to Fairchild Engine and Airplane Corp. Vehicle wheel. 2,751,959, 6-26-56, Cl. 134-416.
- Blomquist, Herbert A. Clothes rack. 2,745,474, 5-15-56, Cl. 135-190.
- Blomqvist, Åke H. P., and P. Å. Lindegren, to Aktiebolaget Bofors. Remote control follow-up system for positioning a controlled unit by a control unit. 2,767,361, 10-16-56, Cl. 318-30.
- Blomqvist, Åke H. P., and P. Å. Lindegren, to Aktiebolaget Bofors. Remote control follow-up system for positioning a controlled unit by a control unit. 2,771,573, 11-20-56, Cl. 318-30.
- Blondelle, Raymond, to Compagnie de Fives-Lille pour Constructions Mécaniques et Entreprises. Separation of solid substances of different densities. 2,746,603, 5-22-56, Cl. 209-172.5.
- Blonder, Isaac S.: See—  
Rines, Robert H., and Blonder. 2,749,436.
- Tongue, Ben H., and Blonder. 2,761,022.
- Blong, Matthew G., to Alexian Brothers of Chicago, d. b. a. Alexian Bros. Hospital. Massage unit. 2,765,786, 10-9-56, Cl. 128-33.
- Blood, Harold L.: See—  
Schmidt, William D., and Blood. 2,771,714.
- Blood, Harold L., to The Heald Machine Co. Internal grinding machine and method. Re. 24,202, 8-28-56, Cl. 51-103.

- Blodg, Robert H., and B. W. Sewell, to Esso Research and Engineering Co. Formation testing apparatus. 2,745,496, 5-15-56, Cl. 166-152.
- Bloom, Aaron. Suspension assembly for oxygen pressure breathing mask. 2,742,039, 4-17-56, Cl. 128-141.
- Bloom, Albert, to General Aniline & Film Corp. B-sulfonation of anthraquinone containing mercury. 2,742,484, 4-17-56, Cl. 260-370.
- Bloom, Albert, and D. L. Deutsch, to General Aniline & Film Corp. Process of preparing 4-nitrophenylcyclohexane. 2,733,912, 12-11-56, Cl. 269-645.
- Bloom, Barry M., to Chas. Pfizer & Co., Inc. Amino alcohol esters of etiocholine 17 $\alpha$  hydroxy 3 one 17 $\beta$  carboxylic acid. 2,763,645, 9-18-56, Cl. 260-239.5.
- Bloom, Dolores F. Pipe thread protector. 2,745,438, 5-15-56, Cl. 132-96.
- Bloom, Eli H. Fire alarm. 2,729,187, 1-3-56, Cl. 116-106.
- Bloom, Eli H., and H. H. Kaplan, to Universal Dental Co. Tooth color guide. 2,765,534, 10-9-56, Cl. 32-71.
- Bloom, Fredrick K., and W. C. Clarke, Jr., to Armco Steel Corp. Cold-spun articles. 2,775,519, 12-25-56, Cl. 75-125.
- Bloom, Fredrick K., and W. C. Clarke, Jr., to Armco Steel Corp. Cold-stamped articles. 2,775,520, 12-25-56, Cl. 75-125.
- Bloom, George I. M., J. E. Duddington, M. F. Vincent, and A. H. Willbourn, to Imperial Chemical Industries, Ltd. Manufacture of polymerisation products obtained from acrylic acid derivatives. 2,739,615, 1-3-56, Cl. 260-63.
- Bloom, James H., Jr., and W. N. Connor, to Pittsburgh Plate Glass Co. Method of fabricating laminated structures. 2,750,312, 6-12-56, Cl. 154-271.
- Bloom, John C., to Douglas Aircraft Co., Inc. High tolerance sealed joints for hydraulic connections. 2,759,743, 8-21-56, Cl. 285-95.
- Bloom, William F. Electrical impulse timing instrument. 2,763,792, 9-18-56, Cl. 307-132.
- Bloomer, Alfred G., to G. R. Turner Ltd. Endless conveyor. 2,753,983, 7-10-56, Cl. 198-196.
- Bloomer Bros. Co. 866.
- Bloomer, Harrison C., and Inman. 2,759,653.
- Bloomer, Robert S., Sr. 2,763,423.
- Dailey, Howard E. 2,748,674.
- Tobey, Leon H. 2,759,401.
- Bloomer, Harrison C., and W. H. Inman, to Bloomer Bros. Co. Insulated carton. 2,759,653, 8-21-56, Cl. 229-36.
- Bloomer, Robert S., Sr., to Bloomer Bros. Co. Flap retaining device for cartons. 2,763,423, 9-18-56, Cl. 229-7.
- Bloomfield, Herbert G., to Martindale Electric Co. Ltd. Respiratory masks. 2,762,868, 9-11-56, Cl. 128-146.
- Bloomfield, John J. Hydraulic brake system. 2,765,055, 10-2-56, Cl. 188-152.
- Bloomquist, Egner L. See—
- Nelson, Richard T. 2,766,957.
- Bloomsburg, Harry E., and H. T. Shearer, Jr., to Esso Research and Engineering Co. Sulfurized oil of improved color stability. 2,753,832, 7-3-56, Cl. 260-139.
- Bloor, Robert R. See—
- Schultz, Abner L., and Bloor. 2,767,115.
- Bloser, William H., to Major Distributing Co. Below ground row crop harvesting unit. 2,747,34, 5-29-56, Cl. 55-51.
- Blosick, Thomas J. Wire stretcher. 2,769,619, 11-25-56, Cl. 254-14.
- Bloss, Frederick J. See—
- Wilson, Hubert R., and Bloss. 2,754,960.
- Bloss, Richard R., to Dresser Equipment Co. Wire line sheave and method of fabrication. 2,730,795, 1-17-56, Cl. 29-159.
- Blosser, Oren D. Noduli attached calf and cow weaner. 2,765,774, 10-9-56, Cl. 119-132.
- Bloudoff, Peter S. See—
- Rose, Howard E., and Bloudoff. 2,729,941.
- Blouin, Hibbard O. Hand truck with pickup and holding attachment. 2,739,721, 3-27-56, Cl. 214-380.
- Blount, Frank E., to Bell Telephone Laboratories, Inc. Voltage regulating circuit. 2,733,401, 1-31-56, Cl. 321-16.
- Blount, Richard, to General Electric Co. Flash lamp energizing and reflecting holder. 2,745,945, 5-15-56, Cl. 240-1.3.
- Blowers, George G. See—
- Williams, Cyril R., Blowers, and Evans. 2,768,838.
- Blu, Harriet I. See—
- Blu, Marshall A. 2,747,820.
- Blu, Marshall A., deceased; H. I. Blu, executrix of said M. A. Blu. Christmas tree stand. 2,747,820, 5-29-56, Cl. 248-14.
- Blue, Charles. See—
- Flamm, Karl H. 2,734,665.
- Blue, John, Co. See—
- Horton, Donelson B., and Johnston. 2,771,846.
- Blue, Johnston, Douglas. 2,731,891.
- Johnston, Douglas. 2,761,391.
- Johnston, Douglas. 2,771,037.
- Blue, John R. Propeller. 2,754,919, 7-17-56, Cl. 170-159.
- Blue, Richard W., and V. C. F. Holm, to Phillips Petroleum Co. Conversion of naphthenes to higher aromatics. 2,755,818, 7-17-56, Cl. 260-668.
- Blue, Sidney D. Can opening implement. 2,735,171, 2-21-56, Cl. 30-6.1.
- Blue, Sidney D. Can openers. 2,749,612, 6-12-56, Cl. 30-6.1.
- Blue, William E. Asphalt tile heater. 2,760,045, 8-21-56, Cl. 219-19.
- Bluechel, Joseph H. See—
- Danielson, Gustav J. 2,766,488.
- Bluemink, Gary G., to The Dumore Co. Chain saw sharpener. 2,729,987, 1-10-56, Cl. 76-37.
- Bluestone, Henry. See—
- Soloway, Samuel B., Lidov, Bluestone, and Hyman. 2,738,331.
- Bluestone, Henry, S. B. Soloway, J. Hyman, and R. E. Lidov, to Shell Development Co. Method for producing polycyclic hydrocarbons and derivatives thereof. 2,730,548, 1-10-56, Cl. 260-686.
- Bluestone, Leon. Key retainer. 2,751,774, 6-26-56, Cl. 70-456.
- Bluestone, William. Adjustable lavatory leg construction. 2,767,513, 10-23-56, Cl. 45-139.
- Blum Bros. Box Co. See—
- Blum, Paul L. 2,747,629.
- Blum, Emil J., to Hupp Corp. High frequency circuits and oscillator. 2,759,334, 7-24-56, Cl. 250-36.
- Blum, George H. Dispenser for granular material or the like. 2,733,839, 2-7-56, Cl. 222-174.
- Blum, Harold T., to The Briar Hill Stone Co. Saw blade for cutting stone. 2,775,236, 12-25-56, Cl. 125-18.
- Blum, Harry. See—
- Sierman, Herbert, Blum, and Pantuosco. 2,736,282.
- Blum, Paul L., to Blum Bros. Box Co. Method of manufacturing tub staves. 2,747,629, 5-29-56, Cl. 144-309.
- Blum, Robert D., to York Corp. Air conditioning systems using heat exchangers local to the conditioned space. 2,739,742, 9-27-56, Cl. 237-3.
- Blum, Sidney, to Oxwall Tool Co., Ltd. Container for drills. 2,739,699, 3-27-56, Cl. 206-17.
- Blum, William A. See—
- Spring, Samuel, and Blum. 2,760,931.
- Blumberg, Frank E. See—
- Greaves, Fred G., and Blumberg. 2,766,911.
- Blumberg, Harold. See—
- Stoner, Clair A. 2,739,819.
- Blume, Carl T. Trimming tool. 2,736,101, 2-28-56, Cl. 33-172.
- Blum, Carl T., to Raytheon Mfg. Co. Flasher switches. 2,747,052, 5-22-56, Cl. 200-113.
- Blumenbaum, Louis G., to Scott Testers, Inc. Plastometer. 2,737,805, 3-13-56, Cl. 73-101.
- Blumenkrantz, Max. Sewing machines. 2,773,266, 12-11-56, Cl. 2-278.
- Blumensaat, Svend G., to The Universal Wire Spring Co. Device for longitudinally reshaping corrugated wire springs. 2,771,912, 11-27-56, Cl. 140-89.
- Blumenstock, Friedrich, and E. Haberle, to Robert Bosch G. m. b. H. Electromagnetic prime movers. 2,740,057, 2-7-56, Cl. 110-29.
- Blumenthal, Alexander E., and P. T. Keebler, to Northeastern Metal Products Corp. Pawning and parts thereof. 2,742,677, 4-24-56, Cl. 20-57.5.
- Blumenthal, Sidney, & Co., Inc. See—
- Lovshin, Frank A., Duford, and Korolyshun. 2,730,140.
- Lovshin, Frank A., and Jaffe. 2,753,894.
- Blumfield, Cyril V. Roof construction. 2,752,868, 7-3-56, Cl. 108-1.
- Blumein, Alan D., deceased, by D. Walker, legal representative, to Electric and Musical Industries Ltd. Electrical circuit arrangements for effecting integration and applications thereof. 2,775,694, 12-25-56, Cl. 250-27.
- Blumstein, Abraham. Bead chain with supported loop connecting links and method of making same. 2,763,981, 9-25-56, Cl. 59-82.
- Blundell, Sydney J. See—
- Nielsen, Sydney G. 2,766,495.
- Bydenburgh, Harold L., and G. M. Pence, to Detroit Harvester Co. Power sweeper with multiple dust receiving means. 2,739,340, 3-27-56, Cl. 15-349.
- Blyth, Charles R., to The Hoover Co. Commutator and mounting therefor. 2,763,799, 9-18-56, Cl. 310-236.
- Blythe, Ernest J. See—
- Foulkes, Christopher H., and Blythe. 2,770,772.
- Blythe, Rudolph H., to Smith, Kline & French Laboratories. Sympathomimetic preparation. 2,738,303, 3-13-56, Cl. 167-82.
- Boadway, John D. See—
- Freeman, Horace, and Boadway. 2,757,581.
- Freeman, Horace, and Boadway. 2,757,582.
- Boadway, Thaddeus J. Industrial filter. 2,775,349, 12-25-56, Cl. 210-150.
- Boag, James C. See—
- Closson, Katherine W., and Boag. 2,747,978.
- Boakes, James W., 2nd. Valve operating system. 2,752,862, 7-3-56, Cl. 103-227.
- Boals, Wayne S., to Hughes Tool Co. Fluid pressure reducing and regulating valve. 2,731,975, 1-24-56, Cl. 127-116.5.
- Board, Francis S. See—
- Boileau, Arthur H., Rayman, and Board. 2,772,693.
- Board of Higher Education (Hunter College), The. See—
- Clay, John P. 2,744,132.
- Board of Regents of the Oklahoma Agricultural and Mechanical Colleges. See—
- Witt, Robert H. 2,760,325.
- Board of Trustees of The Leland Stanford Junior University, The. See—
- Field, Lester M. 2,760,102.
- Boardman, Raymond H., to The Hart Mfg. Co. Double wire connector. 2,743,427, 4-24-56, Cl. 339-217.
- Boardman, Raymond H., to The Hart Mfg. Co. Electric switch. 2,774,852, 12-18-56, Cl. 200-172.



- Boast, Warren B., and J. E. Iske, to Iowa State College Research Foundation, Inc. Phase-shifting transformer. 2,737,626, 3-6-56, Cl. 323-112.
- Boatright, Algic. Folding lug wrench. 2,738,694, 3-20-56, Cl. 81-177.
- Boatright, Leslie G., to American Cyanamid Co. Preparation of  $\delta$ -alanine. 2,734,081, 2-7-56, Cl. 260-534.
- Boatright, Leslie G., to American Cyanamid Co. Melamine purification. 2,755,887, 7-24-56, Cl. 183-120.
- Boatwright, Doris R. Sickroom bag. 2,761,481, 9-4-56, Cl. 150-1.
- Bock, James A.: *See*—
- Stuages, John F., Bock, and Wolf. 2,773,014.
- Wolf, Joseph B., Wagner, and Bock. 2,773,013.
- Bobal, Michael A., to Union Carbide and Carbon Corp. Method of depositing silver in an electrolytic anode and composition therefor. 2,748,034, 5-29-56, Cl. 117-227.
- Bobb, Lloyd J., to The International Electronics Co. Magnetic recording machine. 2,745,904, 5-15-56, Cl. 179-100.2.
- Bobb, Lloyd J., to The International Electronics Co. Magnetic head assembly. 2,745,905, 5-15-56, Cl. 179-100.2.
- Bobb, Sidney: *See*—
- Pucci, Joseph, Bobb, and Rachman. 2,755,153.
- Isadore B., and Bobb. 2,759,528.
- Bobel, William S.: *See*—
- Englehart, Oscar D., and Bobel. 2,741,809.
- Englehart, Oscar D., and Bobel. 2,746,102.
- Bobier, Wilfred S., Jr.: *See*—
- Post, Kenneth I., and Bobier. 2,768,636.
- Bobingen Aktiengesellschaft für Textil-Iserei: *See*—
- Herele, Ludwig, Jehle, Kunz, Möller, and Schlack. 2,733,122.
- Bobkiewicz, Emilian. Method and apparatus for making unwoven fabric from bast fibers. 2,771,118, 11-20-56, Cl. 15-175.
- Bobo, Frank E., Jr.: *See*—
- Leath, William J., and Bobo. 2,771,733.
- Leath, William J., and Bobo. 2,771,759.
- Bobst, Joseph O. Block-carrying devices for sheet or web fed rotary printing machines. 2,748,699, 6-5-56, Cl. 101-378.
- Bocchino, Ernest. Device for treating corns and callouses. 2,746,461, 5-22-56, Cl. 132-74.5.
- Bocchino, Roger P., A. Artificial buoyant decoy fish. 2,755,592, 7-24-56, Cl. 43-42.22.
- Bocchino, Harry G.: *See*—
- Allen, John N., Jr., and Bocchino. 2,735,760.
- Boccon-Gibot, Raymond, and R. Chevigny, to Pechiney, Compagnie de Produits Chimiques et Electrometallurgiques. Extrusion of metals. 2,755,925, 7-24-56, Cl. 207-9.
- Bochan, John: *See*—
- Shelton, Winston L., and Bochan. 2,756,652.
- Bock, Carl T., J., Dolan, to General Motors Corp. Heavy duty drive gearing and control system. 2,740,303, 4-3-56, Cl. 74-472.
- Bock, Charles D., to American Bosch Arma Corp. Electro-mechanical resolvers. 2,742,604, 4-17-56, Cl. 323-48.
- Bock, Franz, and R. Hildebrand. Machine for producing accordion pleating. 2,758,700, 8-14-56, Cl. 223-30.
- Bock, Louis H., to Rayonier Inc. Polyesters from hydroxy-alkyl ethers of vanillic acid and esters thereof. 2,755,273, 7-17-56, Cl. 260-47.
- Bock, Marianne: *See*—
- Straussfütter, Ernst, and Bock. 2,770,619.
- Bockelmann, John B., and C. H. Hant, to The F. & M. Schaefer Brewing Co. Testing device for determining volume of gas in liquid. 2,736,190, 2-28-56, Cl. 73-19.
- Bockelmann, John B., and C. Hant, to The F. & M. Schaefer Brewing Co. Device for determining volume of gas in liquid. 2,736,191, 2-28-56, Cl. 73-19.
- Bockstahler, Earl R., to Allied Laboratories, Inc. Physiologically active  $\alpha$ -alkoxy- $\beta$ -piperidinopropiophenones causing CNS depressant and anesthetic effects in animals. 2,771,391, 11-20-56, Cl. 167-53.
- Bockstahler, Theodore E., to Rohm & Haas Co. Preparation of 5-chloro- $\alpha$ -chloro-penteno-1-ol and 3-chloro-4-penten-1-ol. 2,752,389, 6-26-56, Cl. 260-497.
- Bockstahler, Theodore E., to Rohm & Haas Co. Preparation of delta-furfurylidene levulinic acid. 2,753,358, 7-3-56, Cl. 260-347.3.
- Bodamer, George W., to Rohm & Haas Co. Electrolytic process for producing amines. 2,737,486, 3-6-56, Cl. 204-72.
- Bodard, Eugene T., to Carry cord handle. 2,741,420, 4-10-56, Cl. 229-52.
- Bodard, Eugene T. Cord insertion apparatus. 2,769,413, 11-6-56, Cl. 112-2.
- Bodaker, Floyd H., and P. E. Graybeal, to Hercules Powder Co. Process for producing cellulose derivatives. 2,749,336, 6-5-56, Cl. 260-231.
- Boddy, Leonard, to King-Seely Corp. Integrating relay and signal mechanisms. 2,736,883, 2-28-56, Cl. 340-213.
- Boddy, Leonard, to King-Seely Corp. Gauging system with alarm means. 2,752,987, 9-11-56, Cl. 346-213.
- Bode, August R., and P. A. Tucker. Can with pouring spout. 2,750,085, 6-12-56, Cl. 222-528.
- Bode, Francis X. French cuff. 2,736,032, 2-28-56, Cl. 2-124.
- Bode, Harold E. Process of preparing lactated sugars. 2,762,710, 9-11-56, Cl. 99-142.
- Bode, Hendrik W., to Bell Telephone Laboratories, Inc. Automatic curve follower with vibrating stylus. 2,744,224, 5-1-56, Cl. 318-31.
- Bode, Joseph J. Concrete and stone cutter. 2,753,861, 7-10-56, Cl. 125-23.
- Bode, Robert H., S. M. Holdiday, Jr., and J. A. Hawke, to the United States of America as represented by the Secretary of the Navy. Separators for use in the packaging of cartridges. 2,750,028, 6-12-56, Cl. 206-3.
- Bodell, Philip T., to Collins & Aikman Corp. Apparatus for drafting textile fibers. 2,734,232, 2-14-56, Cl. 19-131.
- Bodell, Philip T., to Collins & Aikman Corp. Textile drafting method and machine. 2,745,143, 5-15-56, Cl. 19-86.
- Boden, Robert H., and J. E. Witherspoon, to North American Aviation, Inc. Mass flowmeter. 2,772,567, 12-4-56, Cl. 73-231.
- Bodenschatz, William A., Jr.: *See*—
- Bodenschatz, William A., Sr., and W. A. Bodenschatz, Jr. 2,760,945.
- Bodenschatz, William A., Sr., and W. A. Bodenschatz, Jr., to Fred'k H. Levey Co., Inc. Pigmented resin emulsions and method of making same. 2,760,945, 8-28-56, Cl. 260-29.4.
- Bodenstein, Camillo, to Siemens & Halske Aktiengesellschaft. Method of and apparatus for scanning signal impulse combinations in start-stop teleprinter systems. 2,737,546, 3-6-56, Cl. 178-70.
- Bodian, Marcus, to Sunbeam Lighting Co. Aligner head and canopy assembly for a pendant light fixture. 2,749,074, 6-5-56, Cl. 245-344.
- Bodin, George: *See*—
- Anderson, Edward L., and Bodin. 2,757,918.
- Bodinaux, Gaston, to Societe Anonyme les Forges de Zebrunne. Process for the manufacture, by spinning, of hollow or solid parts, more particularly of ferrous alloy. 2,748,565, 6-12-56, Cl. 29-335.
- Bodine, Albert G., Jr. Acoustic pulse jet engine with acoustic air intake system. 2,731,795, 1-24-56, Cl. 60-39.77.
- Bodine, Albert G., Jr. Engine detonation control by acoustic methods and apparatus. 2,738,781, 3-20-56, Cl. 123-191.
- Bodine, Albert G., Jr. Detonation suppression means for internal combustion engines. 2,738,782, 3-20-56, Cl. 123-191.
- Bodine, Albert G., Jr. Acoustic detonation suppression and spark plug mounting device for internal combustion engines. 2,739,583, 3-27-56, Cl. 123-191.
- Bodine, Albert G., Jr. Geophysical transducer. 2,745,507, 5-1-56, Cl. 31-0.5.
- Bodine, Albert G., Jr. Process and apparatus using resonant sound wave and sonic flame for production of carbon monoxide, synthesis gases, and synthetic hydrocarbons. 2,745,861, 5-15-56, Cl. 260-449.
- Bodine, Albert G., Jr. Acoustic detonation suppression plug-in device for internal combustion engines. 2,752,907, 7-3-56, Cl. 123-191.
- Bodine, Albert G., Jr. Piston carried detonation suppression means for internal combustion engines. 2,752,908, 7-3-56, Cl. 123-191.
- Bodine, Albert G., Jr. Engine detonation control by acoustic methods and apparatus. 2,760,472, 8-28-56, Cl. 123-191.
- Bodine, Albert G., Jr. Detonation suppression helmholtz resonators for internal combustion engines. 2,760,473, 8-28-56, Cl. 123-191.
- Bodine, Albert G., Jr. Helmholtz resonator detonation attenuation means for internal combustion engines. 2,760,474, 8-28-56, Cl. 123-191.
- Bodine, Albert G., Jr. Self-cleaning detonation attenuation means for internal combustion engines. 2,760,475, 8-28-56, Cl. 123-191.
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- Bodine, Albert G., Jr. Detonation spollers for internal combustion engines. 2,760,477, 8-28-56, Cl. 123-191.
- Bodine, Albert G., Jr. Engine fuel system. 2,768,819, 10-30-56, Cl. 261-37.
- Bodine Electric Co.: *See*—
- Hatfield, Doran O. 2,767,339.
- Bodine, William L. Removable clothesline support and tensioning device. 2,769,554, 11-6-56, Cl. 211-119.15.
- Bodkin, Ernest A.: *See*—
- Penick, Joe E., and Bodkin. 2,749,290.
- Penick, Joe E., and Bodkin. 2,773,012.
- Bodkin, John A., and R. E. Bodkin. Railway retarder clamp. 2,773,565, 12-11-56, Cl. 188-62.
- Bodkin, Lawrence E.,  $\frac{1}{2}$  to F. F. Hollister. Spray shield for can openers. 2,740,194, 4-3-56, Cl. 30-16.
- Bodkin, Richard E.: *See*—
- Bodkin, John A., and R. E. 2,773,565.
- Bodle, Virgil H.: *See*—
- Harwin, Dixon R., Stern, and Bodle. 2,740,739.
- Bodner, Hyman: *See*—
- Kaplan, Yale, and Ross. Re. 24,251.
- Body, Alfred C., and J. W. Williamson, to The Ohio Crankshaft Co. Apparatus for high-frequency induction heating of small-diameter wire. 2,762,894, 9-11-56, Cl. 219-10.61.
- Bodycombe, Alan E.: *See*—
- Ruppe, Edward P., and Bodycombe. 2,762,519.
- Boedeker, Edwin R.: *See*—
- Obland, Alex G., Milliken, and Boedeker. 2,760,847.
- Boegehold, Alfred L., to General Motors Corp. Salt bath furnace. 2,744,495, 5-8-56, Cl. 118-429.
- Boegehold, Alfred L., to General Motors Corp. Method of providing brazed ferrous metal parts with aluminum coating. 2,755,542, 7-24-56, Cl. 29-527.
- Boegehold, Alfred L., and P. J. Shippe, and A. Stosuy, to General Motors Corp. Method of manufacture of articles from metal powders. 2,757,446, 8-7-56, Cl. 29-420.5.

- Boeglin, Edward H.: *See—*  
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- Boehm, Robert M., and G. G. Simpson, to Masonite Corp. Method of preparing lignocellulose hardboard. 2,766,162, 1-9-56, Cl. 154—100.
- Boehling, Walter G., to Jervis B. Webb Co. Coil unloader. 2,735,538, 2-21-56, Cl. 198—209.
- Boehm, Walter G., to Palmer-Boe Co. Transfer mechanism for right angle conveyor lines. 2,739,691, 3-27-56, Cl. 198—20.
- Boeck, William J. Devices for removing jammed rock drill bits. 2,765,777, 10-9-56, Cl. 121—32.
- Boehringer, C. H. Sohn: *See—*  
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Weidlich, Hans A., and Schulz. 2,768,976.
- Boeing Airplane Co.: *See—*  
Anderson, Herbert O. 2,767,763.  
Anderson, Roy H., Cook, E. C., and Dunn. 2,764,374.  
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Bosserman, Charles A. 2,736,521.  
Brady, Keith G., and Whittington. 2,749,060.  
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Chace, Richard A., and Newell. 2,744,501.  
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Dornberg, Lawrence H. 2,732,238.  
Finlay, Donald W. 2,761,636.  
Finlay, Donald W., and Pearson. 2,751,990.  
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Heinemann, Milton, and James. 2,761,636.  
Hill, Henry C. 2,738,647.  
Hill, Henry C. 2,748,623.  
Holdingsworth, Guilford F. 2,767,911.  
Hudson, Verne L., and Wickham. 2,769,604.  
Israel, Jack D. 2,764,729.  
Jones, Everett E. 2,729,265.  
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Jones, Everett E. 2,738,692.  
Keefer, Ernest E. 2,737,978.  
Koenig, Philip C. 2,764,045.  
Levinson, Harry, Stoner, and Tangen. 2,743,800.  
Lord, Dwight S., and Morrison. 2,748,486.  
McAfee, Frank W., Snively, and Vannest. 2,763,900.  
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Schaerer, George S. 2,752,111.  
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Straayer, Joseph W. 2,734,698.  
Teichrow, Harold F. 2,764,626.  
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- Boeing, Martin E. Row marker. 2,767,635, 10-23-56, Cl. 97—230.
- Boer, Arpad, to Brillotex Argentina S. A. Combing machine. 2,734,231, 2-14-56, Cl. 19—128.
- Boer, Hans, to International Standard Electric Corp. Registering device for receiving and sending connecting orders, particularly for conveying plants. 2,770,796, 11-13-56, Cl. 340—174.
- Boerger, Earl A. Hand carried liquid dispenser. 2,771,224, 11-20-56, Cl. 222—210.
- Boerlin, Dumitru. Liquid applicator for bowling alleys. 2,762,219, 8-28-56, Cl. 287—12.
- Boerner, Lewis W., to National Foam System, Inc. Hydraulically operated foam tower. 2,736,387, 2-28-56, Cl. 169—4.
- Boessel, Otto A.: *See—*  
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- Boessenkool, Helmich W., to Metals & Controls Corp. Reclaiming scrap metal. 2,747,265, 5-29-56, Cl. 29—403.
- Boessenkool, Helmich W., and G. Durst, and S. Siegel, to Metals & Controls Corp. Solid phase bonding of metals. 2,733,623, 7-1-56, Cl. 25—497.
- Boestad, Gustav K. W., and T. I. Lindhagen, to Svenska Rotor Maskiner Aktiebolag. Centrifuges for separating particles from gases. 2,765,979, 10-9-56, Cl. 233—19.
- Boeteker, Carl H., to American Sterilizer Co. Hydraulic actuator. 2,736,280, 2-28-56, Cl. 287—12.
- Boettger, John H., to Black Silvals & Bryson, Inc. Combination safety pressure and vacuum release device. 2,747,594, 5-29-56, Cl. 137—71.
- Boettcher, Gustav A. Jacquard card duplicating machine. 2,745,494, 5-15-56, Cl. 164—114.
- Boettner, Fred E., to Rohm & Haas Co. Dehydrogenation process. 2,744,903, 5-8-56, Cl. 260—290.
- Boff, Albert F., to Beckman Instruments, Inc. Harmonic spectrum generator. 2,765,299, 10-23-56, Cl. 250—36.
- Boffardi, Guido L.: *See—*  
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- Bogar, Roy L. Fishing reel. 2,731,214, 1-17-56, Cl. 242—84.5.
- Bogard, Fred J., to ACF Industries, Inc. Spring bumper and draft gear. 2,750,053, 6-12-56, Cl. 213—9.
- Bogart, Frances E., and G. Grams. Ear protector. 2,763,869, 9-25-56, Cl. 2—174.
- Bogart, Harold N., and R. B. Melmoth, to Ford Motor Co. Process of casting nodular iron. 2,751,292, 6-19-56, Cl. 75—130.
- Bogart, Lee J.: *See—*  
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- Bogash, Richard: *See—*  
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- Bogaty, Herman, and A. E. Brown, to The Gillette Co. Hair waving with borohydride. 2,766,760, 10-16-56, Cl. 132—7.
- Bogdan, David A., to Westinghouse Electric Corp. Automatic temperature control for high temperature ovens. 2,769,076, 10-30-56, Cl. 219—20.
- Bogemann, Max: *See—*  
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Lober, Friedrich, Bayer, Bögemann, and Schneider. 2,775,639.
- Bogene Inc.: *See—*  
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- Boger, Brady C.: *See—*  
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- Boger, Ray E. Extensible structure. 2,767,812, 10-23-56, Cl. 189—14.
- Boger, Russell D. Bed compartments for the cabs of trailer trucks. 2,757,093, 7-24-56, Cl. 296—3.
- Bogert, Bruce P., to Bell Telephone Laboratories. Impedance inverters. 2,757,345, 7-31-56, Cl. 333—80.
- Boggess, Hurley V.: *See—*  
Schmid, John H., and Boggess. 2,762,448.
- Boggs, Gail E., to the United States of America as represented by the Secretary of Commerce. Superheterodyne mixer with negative feedback for stabilizing conversion gain. 2,753,449, 7-8-56, Cl. 250—20.
- Boggs, George D.: *See—*  
Henry, Thomas W., and Boggs. 2,774,630.
- Boggs, Robert H. Screw actuated door securing device. 2,745,615, 5-6-56, Cl. 144—296.
- Boghetto, Fortunato. Explosion engines. 2,760,478, 8-28-56, Cl. 123—191.
- Boghossian, Victor, to Bank of America National Trust and Savings Association. Engine head construction. 2,767,694, 10-23-56, Cl. 123—41.77.
- Bogin, Herman: *See—*  
Gold, Abraham, and H., and Bogin. 2,743,857.
- Bogle, Aubrey B. Precision load-positioning device for cranes. 2,752,120, 6-26-56, Cl. 254—168.
- Bogner, Peter. Rip-wire can closures. 2,739,732, 3-27-56, Cl. 192—73.
- Bogoslovsky, Boris, deceased, by E. Bogoslovsky, executrix. Shaping device for nail-coating elements. 2,748,860, 6-5-56, Cl. 164—41.
- Bogoslovsky, Boris, deceased, by E. Bogoslovsky, executrix. Method of making nail-coating blanks. 2,764,166, 9-25-56, Cl. 192—73.
- Bogoslovsky, Elizabeth: *See—*  
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Bogoslovsky, Boris. 2,764,166.
- Bogue, Edward A., and C. W. Musser, to ETC, Inc. Relay structure. 2,755,968, 2-2-56, Cl. 317—198.
- Bogue, Edward A., and C. W. Musser, to ETC, Inc. Combined signal lamp and resistor. 2,740,111, 3-27-56, Cl. 340—381.
- Bogue, Edward A., and C. W. Musser, to Etc, Inc. Electromagnet coil assembly. 2,775,742, 12-25-56, Cl. 336—83.
- Bogues Electric Mfg. Co.: *See—*  
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Rheinhardt, John R., and Eschrich. 2,733,961.  
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- Boguski, Leo H., to Republic Steel Corp. Process and apparatus for reverse current protection of anodes in electropickling. 2,760,923, 8-28-56, Cl. 204—34.
- Bogutz, Albert H.: *See—*  
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- Bohannon, Donald L. and W. H. Brown, Jr. Drill stem test plug. 2,757,740, 8-7-56, Cl. 166—75.
- Bohannon, Hoyt H. Liquid proportioner. 2,748,076, 5-29-56, Cl. 210—19.
- Bohl, Louis S., and W. F. Hueh, to the United States of America as represented by the Secretary of the Navy. Connection fitting for tubular members of balloons. 2,759,692, 8-21-56, Cl. 244—127.
- Bohlen, Charles L., to Fruehauf Trailer Co. Trailer frame and floor construction. 2,743,940, 5-1-56, Cl. 250—106.
- Bohlen, Charles L., to Fruehauf Trailer Co. End closures for heat-insulated floor of refrigerated trailer. 2,767,015, 10-16-56, Cl. 296—28.



- Bohlen, Charles I., to Fruehauf Trailer Co. Floor construction with integral cross-sills. 2,773,718, 12-11-56, Cl. 296-28.
- Bohler & Weber K. G.: *See—*
- Petrich, Erwin. 2,740,527.
- Bolander, Ernst A., and S. Friedman, to Esco Jewelers. Expansion bracket. 2,740,569, 4-3-56, Cl. 224-4.
- Bohlman, Ivan C.: *See—*
- Bohlman, Ray A. and I. C. 2,756,563.
- Bohlman, Ray A. and I. C. Electrohydraulic motor mechanism. 2,756,563, 7-31-56, Cl. 60-52.
- Böhm, Kurt: *See—*
- Brune, Heinrich W., Hädrich, and Böhm. 2,772,701.
- Bohm, William O.: *See—*
- Canning, Walter L. and F. N., and Bohm. 2,747,210.
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- Flapper, Jürgen, and Heyden. 2,772,988.
- Böhm, Karl, to Hartford Nat. Bank and Trust Co., trustee. Incandescent lamp comprising two filament wires, more particularly for car search lights. 2,733,377, 1-31-56, Cl. 313-272.
- Bohn Aluminum & Brass Corp.: *See—*
- McCutough, William E., and Wyatt. 2,763,058.
- Moffatt, Chester C.
- Wyatt, Wilbur E., and Robertson. 2,747,256.
- Bohn, Chester J.: *See—*
- Koller, Edward J., and Bohn. 2,758,632.
- Bohner, Andre, and J. Lukács, to "Licencia" Talmányoktatási Intézet. Method of making a jointing plate. 2,737,567, 3-6-56, Cl. 219-10.
- Bohnsack, John A.: *See—*
- Hopeman, Albert A., Jr., and Bohnsack. 2,741,779.
- Boho, Lawrence M. Movable bracket for can openers and the like. 2,771,263, 11-20-56, Cl. 248-298.
- Bohonos, Nestor: *See—*
- Porter, John N., Krupka, and Bohonos. 2,763,642.
- Bohrer, Samuel E. Cold blast jet engine. 2,739,443, 3-27-56, Cl. 60-35.6.
- Boice, Elvin G., to Reed Roller Bit Co. Drilling tool. 2,750,154, 6-1-56, Cl. 255-170.
- Boice, Lendall O. Vulcanizing machine. 2,770,839, 11-20-56, Cl. 18-18.
- Boileau, Arthur H., C. J. Rayman, and F. S. Board, to Cherry-Burrell Corp. Double acting valve. 2,772,693, 12-4-56, Cl. 1-51.3.
- Boisjoly, Ralph D., to Sprague Electric Co. Capacitor eyelet construction. 2,739,277, 3-20-56, Cl. 317-260.
- Boisselier, Earl D., to Sears, Roebuck and Co. Swing suspension device. 2,745,621, 5-15-56, Cl. 248-340.
- Boissinot, Georges, and J. Gillet, to Compagnie Generale de Transformat. 2,730,677, 1-10-56, Cl. 333-21.
- Boissonault, Ronaldo, to Sicard Inc. Snow thrower raking mechanism. 2,736,112, 2-28-56, Cl. 37-43.
- Boisso, Pierre, to Societe Metallurgique Arlegeoise et Lorraine. Mould for the centrifugal casting of pipes and other pieces. 2,770,877, 11-20-56, Cl. 2-65.
- Boiu, Max R. Foot for furniture leg. 2,736,130, 2-28-56, Cl. 45-37.
- Boivin, Jean L., to Her Majesty the Queen in the right of Canada represented by the Minister of National Defense. 2,737,567, 3-6-56, Cl. 219-10.
- Boivin, Jean. Regulator for diaphragm pumps. 2,753,805, 7-10-56, Cl. 103-44.
- Bok, Cornelis: *See—*
- Selling, Hendrik J., and Bok. 2,738,552.
- Bokenkroger, William H., to Union Bag & Paper Corp. Machine for making heat sealed closure. 2,729,149, 1-3-56, Cl. 93-27.
- Bokenkroger, William H., to Union Bag & Paper Corp. Heat sealed bag. 2,730,295, 1-10-56, Cl. 229-57.
- Bokor, Vidor: *See—*
- Várkonyi, Gyula, Bokor, and Várkonyi. 2,738,810.
- Bokorney, Fred R. Frame construction for balancing machine. 2,743,074, 4-24-56, Cl. 248-13.
- Bokorney, Fred R. Balancing machine pick-up. 2,767,337, 10-16-56, Cl. 310-25.
- Bokser, Lewis. Electric eye for automatically operating elevators. 2,738,448, 3-13-56, Cl. 317-130.
- Bol, Arie: *See—*
- Haayman, Pieter W., Bol, Romeyn, and Verwey. 2,735,824.
- Boland, Daniel P. Fish line leader. 2,747,320, 5-29-56, Cl. 43-14.98.
- Boland, John J. Back rest for vehicle riding. 2,745,473, 5-15-56, Cl. 155-182.
- Boianowski, John P., B. D. Miller, G. W. Reizel, and M. Sutton, to National Cylinder Gas Co. Method and apparatus for maintaining uniform flow resistance. 2,766,765, 10-16-56, Cl. 137-14.
- Bolding, Hubert V., to The Bradley & Gilbert Co. Protective carton. 2,732,122, 1-24-56, Cl. 229-38.
- Bolding, Hubert V., to The Bradley & Gilbert Co. Shock-proof carton. 2,732,123, 1-24-56, Cl. 229-39.
- Bolding, Hubert V., to The Bradley & Gilbert Co. Protective carton. 2,764,337, 9-25-56, Cl. 229-38.
- Bolding, Hubert V., and E. G. Gowns, to The Bradley & Gilbert Co. Cell wall carton. 2,774,530, 12-18-56, Cl. 229-34.
- Boldingh, Willem H., J. J. C. Hardenberg, W. J. Oosterkamp, and A. Verhoeff, to Hartford National Bank and Trust Co., trustee. Support for image amplifiers. 2,751,504, 6-19-56, Cl. 250-79.
- Bolduc, Viateur: *See—*
- Blanchette, Hilaire, and Bolduc. 2,737,368.
- Bole, George B.: *See—*
- Streh, Joseph C., and Bole. 2,762,518.
- Shea, Lindsey W., Streh, and Bole. 2,741,382.
- Bole, George B.: *See—*
- Stanton, Arthur J., Carlberg, Bole, Sieve, Danziger, and De Massi. 2,745,317.
- Bolender, Augustus B., to Borg-Warner Corp. Methods of forming splines in bores of machine elements. 2,765,529, 10-9-56, Cl. 26-55.8.
- Boles, Chambers B., to General Motors Corp. Refrigeration expansion valve apparatus. 2,755,025, 7-17-56, Cl. 235-92.
- Bolger, Henry. Traction device for invalids. 2,750,939, 6-19-56, Cl. 128-84.
- Bolger, Henry. Toilet tissue holder. 2,751,162, 6-19-56, Cl. 142-59.2.
- Bolger, William B. Collapsible chamber fluid handling device. 2,769,397, 11-6-56, Cl. 103-148.
- Boldens Gruvaktiebolag: *See—*
- Herneryd, Fritz O., Norrö, and Sundström. 2,769,706.
- Boldners Fabrik Aktiebolag: *See—*
- Lenning, Alvar. 2,772,544.
- Bolinger, Edgar D.: *See—*
- Berner, Robert G., and Bolinger. 2,743,194.
- Bolinger, George N. Flashlight. 2,731,545, 1-17-56, Cl. 240-10.68.
- Boll, Herman M. Sight for firearms. 2,770,041, 11-13-56, Cl. 33-56.
- Bollen, Roy P. Tub guard. 2,756,439, 7-31-56, Cl. 4-185.
- Bollens, Walter F., to Swift & Co. Continuous process of hydrogenation. 2,762,819, 9-11-56, Cl. 260-409.
- Boller, Dreyer, Helmut, and Boller. 2,747,161.
- Bolles, Julius H., C. E. Buck, B. H. Short, and A. G. Lautzenhiser, to General Motors Corp. Window washer pump. 2,757,615, 8-7-56, Cl. 103-53.
- Bolley, Don S.: *See—*
- Delmar, H., Cummer, and Bolley. 2,734,860.
- Bolley, Don S., R. H. McCormack, and F. C. Naughton, to National Lead Co. Process for separation of "phytin" from seeds. 2,732,395, 1-24-56, Cl. 260-461.
- Bolley, Don S., and F. C. Naughton, to The Baker Castor Oil Co. Sebacia acid production in the presence of barium compounds. 2,734,918, 2-14-56, Cl. 260-531.
- Bolliger, Hans, to Ciba Ltd. Monoazo-dyestuffs. 2,773,863, 12-11-56, Cl. 260-162.
- Bolliger, Hans, to Ciba Ltd. Pyrazolones and process for their manufacture. 2,744,911, 5-8-56, Cl. 260-310.
- Bolliger, Hans, to Ciba Ltd. Monoazo-dyestuffs. 2,766,231, 10-9-56, Cl. 260-163.
- Bollinger, Waldon P., to Radio Corp. of America. Microwave scanning antenna system. 2,774,067, 12-11-56, Cl. 343-762.
- Bollinger, Waldon P., R. W. Howery, and J. R. Ford, to the United States of America as represented by the Secretary of the Air Force. Sweep modulator direction finder. 2,745,099, 5-8-56, Cl. 343-113.
- Bollman, Geo. W., & Co., Inc.: *See—*
- Reider, Malcolm J. 2,736,633.
- Bollo, Francis G., and L. M. Whitney, to Shell Development Co. Infrared fuel flow controller. 2,773,349, 12-11-56, Cl. 60-35.6.
- Bolls, Charles E. Holder for trof lines and stagings therefor. 2,753,654, 7-10-56, Cl. 43-57.5.
- Bologno, Louis. Wire cutting and stripping tool. 2,770,989, 11-20-56, Cl. 81-9.5.
- Bolome, Benjamin, to Societe De La Viscose Suisse. Apparatus for the fluid treatment of textile thread packages. 2,737,041, 3-6-56, Cl. 68-189.
- Bols Erven Lucas, Inc.: *See—*
- Flaschnöcker, Ewald. 2,771,913.
- Bols Erven Lucas, Inc. Filling apparatus for pens and the like. 2,737,329, 3-6-56, Cl. 229-63.
- Bolsey, Jacques. Flash guns. 2,754,408, 7-10-56, Cl. 240-1.3.
- Bolsey, Jacques. Power arrangements for cinematographic cameras. 2,759,561, 8-21-56, Cl. 185-40.
- Bolsey, Jacques. Automatic tracking apparatus for cameras and the like. 2,766,387, 10-9-56, Cl. 250-203.
- Bolsey, Jacques, E. Elison, and R. V. Nicolosi: said Elison and Nicolosi assors. to J. Bolsey. Film guiding and exposure arrangement. 2,741,943, 4-17-56, Cl. 88-17.
- Bolstad, Luther L.: *See—*
- Fermo, Jerome L., Le Gault, Bolstad, and Sinning. 2,773,483.
- Bolster, Henry G.: *See—*
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- Bolt Beranek and Newman Inc.: *See—*
- Baruch, Jordan J. 2,759,554.
- Baruch, Jordan J. 2,759,555.
- Baruch, Jordan J. 2,759,556.
- Bolt, Harry C. Portable buildings. 2,731,680, 1-24-56, Cl. 20-2.
- Bolt, John A.: *See—*
- Kalinowski, Mathew L., and Bolt. 2,771,405.
- Kalinowski, Mathew L., Crews, and Bolt. 2,753,274.
- Bolt, John A., and J. W. Van Wyk, to Standard Oil Co. Asphalt compositions containing a small amount of chlorosulfonated polyethylene. 2,752,316, 6-26-56, Cl. 260-28.5.
- Bolte, Frederick G., to International Telephone and Telegraph Corp. Spring binding post. 2,770,789, 11-13-56, Cl. 339-255.

- Bolton, Cleon. Telephone supports. 2,745,906, 5-15-56, Cl. 179-157.
- Bolton, Harry G., to Borg-Warner Corp. Carburetor metering valve. 2,770,254, 11-13-56, Cl. 137-825.48.
- Bolton, John A., and G. C. McKinley, 33% to J. Anderson. Filtering system for screening irrigation water. 2,745,554, 5-15-56, Cl. 210-152.
- Bolton, John W., & Sons, Inc.: *See—*  
Prevost, Bruno E. 2,729,147.  
Prevost, Bruno E., and Smith. 2,758,516.
- Stuck, Harold D. 2,734,451.
- Boltuch, Salo M., and F. and R. Monaco, to Mastercraft Plastics Co., Inc. Vaginal mold. 2,759,478, 8-21-56, Cl. 128-341.
- Bolzmann, Hans, to Electroacoustic Gesellschaft m. b. H. Echo locating system using sonic or supersonic pulses. 2,757,354, 7-31-56, Cl. 340-3.
- Bomac Laboratories Inc.: *See—*  
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Heins, Harold. 2,734,174.  
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Rawley, Ralph A. 2,766,920.
- Bomba, James S.: *See—*  
Bachelet, Albert E., and Bomba. 2,746,028.
- Bomerscheim, Frank J. Belt buckle. 2,745,157, 5-15-56, Cl. 24-77.
- Bomford, Douglas R., to Bomford & Evershed Ltd. Attachments for vehicles for traversing heaped up material along the ground. 2,756,522, 7-31-56, Cl. 37-144.
- Bomford & Evershed Ltd.: *See—*  
Bomford, Douglas R. 2,755,522.
- Bommelaer, Jean, to Societe Alsacienne de Constructions Mecaniques. Pressure device for textile fiber rolling machines. 2,767,439, 10-23-56, Cl. 19-135.
- Bonanno, Joseph L., to The Lionel Corp. Toy railroad track-side accessories. 2,732,958, 1-31-56, Cl. 214-38.
- Bonanno, Joseph L., to The Lionel Corp. Toy buildings. 2,733,543, 7-31-56, Cl. 49-12.
- Bonanno, Joseph L., to Airex Mfg. Co., Inc. Fishing lures. 2,736,981, 3-6-56, Cl. 43-42.35.
- Bonanno, Joseph L., to The Lionel Corp. Lighted toy railroad station. 2,739,418, 3-27-56, Cl. 46-226.
- Bonanno, Joseph L., to The Lionel Corp. Unloading toy cars. 2,739,342, 3-27-56, Cl. 46-311.
- Bonanno, Joseph L., to The Lionel Corp. Packages. 2,747,731, 5-29-56, Cl. 206-46.
- Bonanno, Joseph L., to Airex Mfg. Co., Inc. Fishing reel. 2,758,801, 8-14-56, Cl. 242-84.6.
- Bonano, Joseph L., to The Lionel Corp. Alternating current electric motors. 2,759,113, 8-14-56, Cl. 310-20.
- Bonar, Patrick, to Dowty Equipment Ltd. Aircraft alighting gear. 2,731,218, 1-17-56, Cl. 244-104.
- Bonath, Richard, and W. Haberich, to Braunschweigische Maschinenbauanstalt A. G. Apparatus for the defecation of sugar and the slaking of lime. 2,760,888, 8-28-56, Cl. 127-14.
- Bond, Alfred A., and G. W. Achterberg. Dust proof oil dispenser. 2,751,120, 6-19-56, Cl. 222-83.5.
- Bond, Archie C., deceased. J. B. Bond administratrix. Casting bobber. 2,760,295, 8-28-56, Cl. 43-43.11.
- Bond, Donald C., to The Pure Oil Co. Acid treating siliceous formations. 2,742,092, 4-17-56, Cl. 166-42.
- Bond, Donald C., to The Pure Oil Co. Combustion and halosilane reaction treatment of a formation to increase production. 2,761,512, 9-4-56, Cl. 166-38.
- Bond, Donald C., to The Pure Oil Co. Process for improving oil recovery processes. 2,765,851, 10-9-56, Cl. 166-42.
- Bond, Donald C., to The Pure Oil Co. Logging shales. 2,772,951, 12-4-56, Cl. 23-230.
- Bond, Donald C., and R. H. Lorenz, to The Pure Oil Co. Acidizing wells. 2,765,039, 10-2-56, Cl. 166-42.
- Bond, Donald C., and C. Holbrook, to The Pure Oil Co. Fracturing oil and gas producing formations. 2,772,737, 12-4-56, Cl. 166-22.
- Bond, Donald H., to The Texas Pipe Line Co. Concentric pipe insulator and spacer. 2,750,963, 6-19-56, Cl. 138-65.
- Bond, Donald H., to The Texas Pipe Line Co. End turn supports for electrical machines. 2,761,083, 8-28-56, Cl. 310-260.
- Bond, Donald H., to The Texas Pipe Line Co. Pipe spacing device. 2,765,000, 10-2-56, Cl. 138-65.
- Bond, Edward L.: *See—*  
King, Ralph B. 2,738,002.
- Bond, George R. Jr., and A. G. Oblad, to Houdry Process Corp. Production of synthesis gas. 2,754,187, 7-10-56, Cl. 48-196.
- Bond, James M. Safety razor kit. 2,753,987, 7-10-56, Cl. 206-16.
- Bond, Joyce B.: *See—*  
Bond, Archie C. 2,760,295.
- Bond, Robert D., and G. J. Hungerford, to Douglas Machine Products Co. Hose reel. 2,765,127, 10-2-56, Cl. 242-86.
- Bond, Robert D., and R. L. Partlan, to Douglas Machine Products Co. Sprayer for lawns and small gardens. 2,767,887, 10-23-56, Cl. 222-177.
- Bond, Scott R., to H. K. Lorentzen, Inc. Shock-resistant case and seal therefor. 2,746,824, 5-22-56, Cl. 312-7.
- Bond, Scott R., to Lorentzen Hardware Mfg. Corp. Slat end guide for Venetian blinds. 2,770,296, 11-13-56, Cl. 160-173.
- Bond, Walter L., to Bell Telephone Laboratories, Inc. Technique and apparatus for making crystal spheres. 2,734,317, 2-14-56, Cl. 51-73.
- Bond, Walter L., to Bell Telephone Laboratories, Inc. Uniaxial crystal electric light valve compensated for divergent light. 2,768,557, 10-30-56, Cl. 88-61.
- Bond, William. Dishwashing machine. 2,771,895, 11-27-56, Cl. 134-172.
- Bonderer, Charles F. Golf ball holders. 2,756,914, 7-31-56, Cl. 224-29.
- Bondi, Arnold A., to Shell Development Co. Magnetic fluids. 2,751,352, 6-19-56, Cl. 252-62.5.
- Bondi, Arnold A., to Shell Development Co. Carbon black concentrates. 2,754,267, 7-10-56, Cl. 252-29.
- Bondley, Ralph J., to General Electric Co. Tunable cavity resonator. 2,742,617, 4-17-56, Cl. 333-83.
- Bondley, Ralph J., to General Electric Co. Apparatus for determining stress. 2,756,588, 7-31-56, Cl. 73-67.
- Bondon, Lewis A., to Product Development Co. Low capacity high temperature coaxial cables. 2,740,826, 4-3-56, Cl. 174-28.
- Bondor, Frank S.: *See—*  
Lebeis, Edward H., and Bondor. 2,768,131.
- Bondor Ltd.: *See—*  
Rose, Thomas A. 2,756,435.
- Bondurant, Kenneth E.: *See—*  
Brown, William E., and Bondurant. 2,750,477.
- Bone, Evan P., to Midland Discount Co. Headlight control system. 2,753,487, 7-3-56, Cl. 315-82.
- Bone, Herbert L.: *See—*  
Woods, Robert A., and Bone. 2,748,204.
- Bone, Herbert L., and H. C. Clausen, to Westinghouse Air Brake Co. Auxiliary contact actuator for train control governors. 2,730,584, 1-10-56, Cl. 200-42.
- Bone, James S., to The Eagle-Picher Co. Battery construction. 2,740,821, 4-3-56, Cl. 136-111.
- Bones, William H., and E. E. Ludwig, to Lockheed Aircraft Corp. Method of testing pressure vessels. 2,775,116, 12-25-56, Cl. 73-37.
- Bonelli, James W. Combination storm vent awning. 2,750,638, 6-19-56, Cl. 20-57.5.
- Bonding, Lewis A., to Product Development Co. Battenfeld Grease & Oil Corp. Process of preparing lithium soaps. 2,753,364, 7-3-56, Cl. 260-413.
- Bonewitz Chemicals, Inc.: *See—*  
Bonewitz, Paul W., Fults, Edwards, and Hockett. 2,767,146.
- Bonewitz, Paul W., E. H. Fults, G. S. Edwards, and S. W. Hockett, deceased (by E. D. Hockett, administratrix), to Bonewitz Chemicals, Inc. Method of making cleaning compositions. 2,767,146, 10-16-56, Cl. 252-156.
- Bongiovanni, Antonio, 49% to J. Marcelline. Barber's taper books. 2,753,988, 7-10-56, Cl. 206-29.
- Bongiovanni, Joseph T. Sash carrying window frame construction. 2,760,607, 8-28-56, Cl. 189-75.
- Boni, Albert, to Readex Microprint Corp. Microscopic printing by planographic means. 2,733,655, 2-7-56, Cl. 101-149.
- Boni, Frank Jr.: *See—*  
Gardner, Karl A., and Boni. 2,743,089.
- Boni, Frank Jr., to The Griscorn-Russell Co. Head closure construction for heat exchangers. 2,766,903, 10-16-56, Cl. 220-67.
- Bonine, Ralph O., and W. T. Parker, to Westinghouse Electric Corp. Pneumatically operated circuit breaker with sectional air cut-off. 2,752,536, 6-26-56, Cl. 317-59.
- Bonini, John N., to Marathon Corp. Sliced bacon package. 2,768,779, 10-30-56, Cl. 229-87.
- Bonini, Robert A. Spraying attachment for lawn mower. 2,737,340, 3-6-56, Cl. 230-56.
- Bonkowski, Teofil L. Drum sander. 2,765,595, 10-9-56, Cl. 31-194.
- Bonmartini, Giovanni, to "Est" Etablissement Sciences Techniques. Reducing the frictional resistance between belts and pulleys. 2,735,727, 2-21-56, Cl. 305-1.
- Bonmartini, Giovanni, to "Est" Etablissement Sciences Techniques. Rolling device for vehicles of every kind. 2,751,259, 6-19-56, Cl. 305-9.
- Bonn Engineering Co.: *See—*  
Smith, Carl K. 2,742,739.
- Bonn, Theodore H., to Remington Rand Inc. Full wave magnetic amplifier. 2,751,510, 6-19-56, Cl. 307-88.
- Bonn, Theodore H., to Sperry Rand Corp. Magnetic gating circuit for controlling a plurality of loads. 2,774,956, 12-18-56, Cl. 340-174.
- Bonnafé, Oliver W., to The Lapointe Machine Tool Co. Broach with multiple cutting plates. 2,770,027, 11-13-56, Cl. 29-93.1.
- Bonnafé, Oliver W., to The Lapointe Machine Tool Co. Broach with multiple small cutting units. 2,770,028, 11-13-56, Cl. 29-93.1.
- Bonnafoix, Paul. Pellet mill. 2,739,546, 3-27-56, Cl. 107-10.
- Bonnar-Vawter, Inc.: *See—*  
Riordan, John M. 2,730,358.
- Bonneau, Frank N., to Machinery Electrification Inc. Shear. 2,759,540, 8-21-56, Cl. 164-41.
- Bonneau, Gladys M.: *See—*  
Bonneau, John H. 2,761,170.
- Bonneau, John H., deceased. G. M. Bonneau, administratrix. Automatic steam cleaning mechanism for automobile wheels. 2,761,170, 9-4-56, Cl. 15-307.
- Bonnell, Charles R., to Minneapolis-Honeywell Regulator Co. Accelerometer. 2,752,466, 6-26-56, Cl. 201-48.
- Bonner, Francis T.: *See—*  
Weinstein, Alfred I., and Bonner. 2,736,812.



- Bonner, Frank E., to the Commonwealth Engineering Co. of Oneida, Suction bag device for spray dryer. 2,730,282, 1-10-56, Cl. 226-58.
- Bonner, James W., to Lowry Oil Tools, Inc. Pulling tool. 2,734,581, 2-14-56, Cl. 166-98.
- Bonner, John H., Jr. Fluid turbine. 2,751,888, 6-26-56, Cl. 121-92.
- Bonner, Joseph. Cutting torch machine having revolving template mounts. 2,773,589, 12-18-56, Cl. 266-23.
- Bonner, Louis F., to Esso Research and Engineering Co. Method and apparatus for fracturing a subsurface formation. 2,753,940, 7-10-56, Cl. 166-42.
- Bonner, Louis F., to Esso Research and Engineering Co. Disintegrator for rock and the like. 2,768,793, 10-30-56, Cl. 241-68.
- Bonner, Walter F., R. F. Durst, W. Lewanda, and A. E. Machalia, to International Telephone and Telegraph Corp. Receiver. 2,758,266, 8-7-56, Cl. 317-241.
- Bonner, Willard H., Jr., to Esso Research and Engineering Co. Synthesis of novel vanadium porphyrin. 2,740,794, 4-3-56, Cl. 260-314.
- Bonner, William C. Dishwashing machine. 2,747,588, 5-29-56, Cl. 134-93.
- Bonnet, Elmer, to American Telephone and Telegraph Co. Transposition indicators. 2,734,098, 2-7-56, Cl. 174-194.
- Bonnett, Harold D., 20% to A. L. Maki, 16% to S. D. Menin, and 8% to F. H. Coury. Dual-type bobby pin. 2,742,911, 4-24-56, Cl. 132-50.
- Bonnett, Horace W., *See*—
- Jensen, Harry T., and Bonnett. 2,759,359.
- Bonnett, Mitchell E., to the United States of America as represented by the Secretary of the Army. Latch mechanism for a rocket launcher. 2,751,818, 6-26-56, Cl. 89-17.
- Bonnet, Leroy E., and C. E. Adams, to The Denison Engineering Co. Axial piston pump. 2,737,899, 3-13-56, Cl. 103-162.
- Bonnie, Joseph M., Oiler. 2,732,736, 1-31-56, Cl. 222-123.
- Bonnin, Fred D. Vehicle spring and end connection arrangement. 2,772,891, 12-4-56, Cl. 282-124.
- Boni, Luigi, for Vittorio Neschi Società per Azioni. Device for converting oscillatory motion into variable amplitude intermittent unidirectional movement. 2,764,895, 10-2-56, Cl. 74-148.
- Bonomi, Felix A., to Bell Telephone Laboratories, Inc. Pulse divider. 2,732,614, 3-5-56, Cl. 317-140.
- Bonstet, Donald H., to North American Aviation, Inc. Aircraft trim control. 2,772,841, 12-4-56, Cl. 244-83.
- Boodakian, Barkere. Paint brushes for painting corners. 2,736,051, 2-28-56, Cl. 15-160.
- Booher, Ortis C., *See*—
- Silvey, John O., and Booher. 2,744,044.
- Book, Clarence F., *See*—
- Mason, Valentine V., and Book. 2,741,127.
- Booker, Alvah D. Necktie spreader. 2,732,558, 1-31-56, Cl. 2-157.
- Bookman, Harry, to Williams & Bennett Co. Fender shield securing means. 2,742,303, 4-17-56, Cl. 280-153.
- Bookout, Ervin J., and G. T. Hutchison, to Cochrane Corp. Liquid treatment apparatus. 2,772,235, 11-27-56, Cl. 210-16.
- Bookout, Floyd V., L. A. Shontz, Jr., and B. A. Andrews, to Vendo Co. Selective bottled beverage vending machine. 2,766,906, 10-16-56, Cl. 221-92.
- Boon, Johannes W. P., and L. W. F. Kampschmidt, to Stamicarbon N. V. Process for the purification of lactams. 2,752,336, 6-26-56, Cl. 260-239.3.
- Boon, John A., to International Business Machines Corp. Article sorting device. 2,742,134, 4-17-56, Cl. 198-31.
- Boone, Wallace D., and A. F. Briede, to OPW Corp. Liquid level signaling device. 2,751,877, 6-26-56, Cl. 116-109.
- Boonton Electronics Corp., *See*—
- Porter, Ernest A. 2,736,807.
- Boonton Molding Co., *See*—
- Hooper, Robert. 2,728,981.
- Sayre, Gordon B. 2,741,402.
- Boor, Ladislav, and T. Di Filippo, to the United States of America as represented by the Secretary of the Army. Paper humidity expansion apparatus. 2,735,297, 2-21-56, Cl. 73-59.
- Boord, Charles W. Flashlight support for firearms. 2,769,895, 11-6-56, Cl. 240-641.
- Boosey & Hawkes Ltd., *See*—
- Draper, Frederick C., Hobson, and Sang, 2,748,455.
- Boosey, Lawrence N. Testing plug for floor drain. 2,743,786, 5-1-56, Cl. 182-31.
- Booth, Andrew B. and H. L. Minnow trap. 2,755,594, 7-24-56, Cl. 43-100.
- Booth, Andrew D., to The British Tabulating Machine Co. Ltd. Data storage device with magneto-strictive read-out. 2,736,881, 2-28-56, Cl. 340-174.
- Booth, Christopher H., to Firth-Brown Tools Ltd. Indicating devices of the type, including a rotatable indicating implement. 2,739,481, 3-27-56, Cl. 73-411.
- Booth, Christopher H., to Firth-Brown Tools Ltd. Cutting and abrading tool. 2,769,225, 11-6-56, Cl. 29-78.
- Booth, Douglas G., and F. Baines, to The Plessey Co. Ltd. Gear pump or motor. 2,735,372, 2-21-56, Cl. 103-126.
- Booth, Edmund P. O., to Allis-Chalmers Mfg. Co. Vibrating screen mechanism with resilient connection between gear and counterweight. 2,766,629, 10-16-56, Cl. 74-61.
- Booth, Ernest G., Sr. Spark plugs. 2,747,122, 5-22-56, Cl. 813-124.
- Booth, Eugene T., to the United States of America as represented by the United States Atomic Energy Commission. Diaphragm pump. 2,732,127, 1-24-56, Cl. 230-162.
- Booth, Galt B., *See*—
- Reen, Gerald K., and Booth. 2,751,512.
- Booth, George M., to Wallace Tiernan Inc. Slurry feeder. 2,735,814, 2-7-56, Cl. 210-1.
- Booth, George M., to Wallace & Tiernan Inc. Apparatus for filtration with finely divided filtering material. 2,768,751, 10-30-56, Cl. 210-169.
- Booth, Harry L., *See*—
- Booth, Harry B. and H. L. 2,755,594.
- Booth, Hubert T., to United Aircraft Products, Inc. Reservoir for congealable liquids. 2,733,050, 1-31-56, Cl. 257-195.
- Booth, Harry T., to United Aircraft Products, Inc. Repeated action injector device. 2,745,623, 3-15-56, Cl. 251-13.
- Booth, Harry T., to United Aircraft Products, Inc. Sealing construction. 2,772,807, 12-4-56, Cl. 220-46.
- Booth, Herbert G., to David Trautman Co., Inc. Trimming tape. 2,728,919, 1-3-56, Cl. 2-278.
- Booth, Herbert G., to David Trautman Co., Inc. Utility knife. 2,746,147, 5-22-56, Cl. 30-339.
- Booth, Jack J. Machine for vending beverage in cups. 2,747,783, 2-29-56, Cl. 228-16.8.
- Booth, Jack J. Dispensing valve and operating means for beverage vending machines. 2,772,812, 12-4-56, Cl. 222-70.
- Booth, James H., to Thompson Products, Inc. Combustion engine driven hydrodynamic brake fluid heater. 2,748,570, 6-5-56, 6-5-56, 9-7.
- Booth, James H., to Thompson Products, Inc. Mechanical heater and pump. 2,748,762, 6-5-56, Cl. 126-247.
- Booth, James H., to Thompson Products, Inc. Heating system for automotive vehicles. 2,749,050, 6-5-56, Cl. 237-123.
- Booth, James H., to Thompson Products, Inc. Method of making locked-in bearing assembly. 2,756,484, 7-31-56, Cl. 29-149.5.
- Booth, James H., and E. J. Herbenar, to Thompson Products, Inc. Fluid control system for torque absorbing and transmitting coupling. 2,743,899, 6-5-56, Cl. 188-90.
- Booth, James H., and E. J. Herbenar, to Thompson Products, Inc. Fluid control system for torque absorbing and transmitting coupling. 2,748,900, 6-5-56, Cl. 188-90.
- Booth, James H., and A. W. Gair, to Thompson Products, Inc. Specialized steering knuckle. 2,771,301, 11-20-56, Cl. 280-96.2.
- Booth, James H., and A. W. Gair, to Thompson Products, Inc. Steering arm, spindle, and support bridge assembly. 2,771,302, 11-20-56, Cl. 280-96.2.
- Booth, Joseph H., and V. K. Eloranta, to Polaroid Corp. Applicator device for applying liquid coating to photographic prints. 2,740,374, 4-3-56, Cl. 118-241.
- Booth, Morris. Apparatus for producing hydraulic cement clinker. 2,762,619, 9-11-56, Cl. 263-21.
- Booth, Richard N. Assembly of filter tips. 2,769,533, 11-6-56, Cl. 206-56.
- Booth, Robert B., *See*—
- Almone, Frank M., and Booth. 2,740,522.
- Booth, Robert B., and N. Hedley, to American Cyanamid Co. Method of preventing deposition of alkaline earth metal salts in cyanidation of precious metal ores. 2,729,557, 1-3-56, Cl. 75-105.
- Booth, Robert W. Delayed arming fuze for a projectile. 2,733,659, 2-7-56, Cl. 102-46.
- Booth, William M., to Gardner-Denver Co. Airline oiler for pneumatic tools. 2,767,807, 10-23-56, Cl. 184-55.
- Booth, William T., Jr., *See*—
- Carnes, Joseph J., and Booth. 2,744,888.
- Carnes, Joseph J., Price, and Booth. 2,739,168.
- Boothe, James H., *See*—
- Kushner, Samuel, Boothe, and Morton. 2,757,179.
- Boothroyd, Wilson P., and E. M. Creamer, Jr., to Philco Corp. Color television camera tube with indexing structure. 2,769,855, 11-6-56, Cl. 178-54.
- Boothroyd, Wilson P., to Philco Corp. Electrical systems. 2,772,324, 11-27-56, Cl. 178-54.
- Boots, Arthur A., to Cafa-Roll, Inc. Food handling structure for restaurants. 2,745,542, 5-15-56, Cl. 198-203.
- Boots, Arthur A. and O. A., to Cafa-Roll, Inc. Serving system for cafeterias. 2,737,288, 3-6-56, Cl. 198-181.
- Boots, Norman J., *See*—
- Brush, Abbott H. 2,765,697.
- Boots, Oscar A., *See*—
- Boots, Arthur A. and O. A. 2,737,288.
- Boots Pure Drug Co. Ltd., *See*—
- Malpanit, Gordon K., Oxley, and Peak. 2,736,748.
- Watkins, Thomas L. 2,760,963.
- Greenwood, Douglas, and Stevenson. 2,770,568.
- Bopf, Edward C., to Deere Mfg. Co. Dual housing and shaft coupling arrangement. 2,736,489, 2-28-56, Cl. 230-132.
- Bopf, Edward C., to Deere Mfg. Co. Picker bar for cotton picker. 2,767,542, 10-23-56, Cl. 56-47.
- Bopp, Calvin C., to Avco Mfg. Corp. Automatic gain control circuit for transistor amplifiers. 2,751,446, 6-19-56, Cl. 179-171.9.
- Bopp, Calvin C., and R. W. Bradmiller, to Avco Mfg. Corp. Transistor oscillator. 2,770,731, 11-13-56, Cl. 250-36.
- Boppel, Henry L., to The Sheffield Corp. Gauging device. 2,738,348, 3-2-56, Cl. 73-47.
- Boppel, Henry L., to The Sheffield Corp. Gauging device. 2,755,659, 7-24-56, Cl. 73-37.5.
- Borah, John E. Suction cup. 2,750,222, 6-12-56, Cl. 294-19.

- Borax Consolidated, Ltd.: *See*—  
Dudley, William A. 2,760,689.  
Taylor, Donald S. 2,746,841.
- Borberg, Willy: *See*—  
Leonard, Anthon A., Hawthorne, and Borberg. 2,733,434.
- Borberg, Willy, to International Projector Corp. Automatic lubricating systems for shafts. 2,743,788, 5-1-56, Cl. 184-6.
- Borchardt, Robert E.: *See*—  
Drake, Russell P., Borchardt, and Crandall. 2,769,598.
- Borchardt, Robert E., to Barber-Colman Co. Drive mechanism. 2,742,125, 4-17-56, Cl. 192-24.
- Borchardt, Robert E., to Barber-Colman Co. Machine for operating upon bobbins. 2,747,806, 5-29-56, Cl. 242-19.
- Borcharding, Melvin H. Time limit mechanism. 2,757,771, 8-6-56, Cl. 194-9.
- Borchers, Henning H.: *See*—  
Stokes, Joseph L., and Borchers. 2,756,972.
- Borck, Alfred G., to Aktiebolaget Separator. Method of washing raw wool with organic solvents. 2,737,435, 3-6-56, Cl. 8-156.
- Borck, Alfred G., to Aktiebolaget Separator. Method of rejuvenating a liquid hydrocarbon washing agent used in washing raw wool. 2,755,222, 7-17-56, Cl. 196-15.
- Borda, Ray F.: *See*—  
Folk, Russell C. 2,745,544.
- Borde, Josef. Burner structure. Re. 24,160, 5-29-56, Cl. 158-63.
- Borden, Clayton B. and J. T., Jr. Disappearing stairway system. 2,736,482, 2-28-56, Cl. 228-50.
- Borden Co., The: *See*—  
Block, Richard J. 2,738,275.  
Block, Richard J., Wingerd, and Henderson. 2,758,965.  
Brant, Arthur B. 2,761,600.  
Chesley, Louis C., Jr., and Hart. 2,729,611.  
Erekson, Arthur B., and Palmer. 2,768,085.  
Heiligmann, Randall G., and Stickney. 2,758,107.  
Heiligmann, Randall G., and Stickney. 2,765,297.  
Henderson, Richard, and Block. 2,754,292.  
Howard, Hartley W., and Salzberg. 2,750,374.  
Kinney, Walter B. 2,754,240.  
Mozingo, Alfred K., and Salzberg. 2,757,171.  
Salzberg, Harold K. 2,748,009.  
Salzberg, Harold K. 2,763,626.
- Borden, James T., Jr.: *See*—  
Borden, Clayton B. and J. T. 2,736,482.
- Borden, Joseph H., to Haughton Elevator Co. Auxiliary car button controls for automatic passenger elevators. 2,738,489, 3-13-56, Cl. 340-19.
- Borden, Joseph H., to Haughton Elevator Co. Elevator dispatchers. 2,759,564, 8-21-56, Cl. 187-29.
- Borden, Joseph H., and G. J. Mundy, to Haughton Elevator Co. Door hold button circuit. 2,750,005, 6-12-56, Cl. 187-29.
- Borden, Joseph H., and E. F. Vlasak, to Haughton Elevator Co. Means for distributing elevator service according to demand. 2,771,160, 11-20-56, Cl. 187-29.
- Borden, Joseph L., Jr.: *See*—  
Woodhull, Elliot H., Borden, and Montpas. 2,754,424.
- Borden, Philip H., to Central Industrial Corp. Safety razor and blade changer therefor. 2,744,317, 5-8-56, Cl. 30-40.
- Borden, Philip H., to Central Industrial Corp. Razor blade changing mechanism. 2,744,318, 5-8-56, Cl. 30-40.
- Borden, Philip H., to Central Industrial Corp. Means for connecting a safety razor head and handle. 2,748,470, 6-5-56, Cl. 30-89.
- Borden, Robert L. Crabgrass cutting and raking implement. 2,770,090, 11-13-56, Cl. 56-400-7.
- Borden, Walter E., to B-F Industries, Inc. Multiple venturi tube. 2,760,371, 8-28-56, Cl. 73-213.
- Bordenca, Carl, and H. G. Sellers, Jr., to Newport Industries, Inc. Method of making gamma-cyanovaleic acid. 2,736,740, 2-28-56, Cl. 260-465-4.
- Borders, Robert L., Jr., and G. Sitz. Automobile serving tray holder. 2,774,641, 12-18-56, Cl. 311-22.
- Bordewick, Robert W., to Moore Electronic Laboratories, Inc. Special low impedance output circuit for high chain bridge amplifier. 2,731,519, 1-17-56, Cl. 179-171.
- Bordewijk, Jan L., J. F. Lemaire, and J. F. Winkel, to Hartford National Bank and Trust Co., as trustee. Amplifier circuit. 2,775,655, 12-25-56, Cl. 179-171.
- Bordignon, Otto. Adjustable tooth harrow. 2,730,854, 1-17-56, Cl. 55-103.
- Bordner, Charles A., to E. I. du Pont de Nemours and Co. Production and recovery of trichloroethylene. 2,758,139, 8-7-56, Cl. 260-654.
- Bordner, Lawrence M., Jr. Keeper. 2,762,645, 9-11-56, Cl. 292-341.17.
- Bordner, Lee T. Electric switch. 2,749,413, 6-5-56, Cl. 200-152.
- Bordoni, Ferdinando. Helicopter with dual coaxial variable pitch rotors. 2,772,745, 12-4-56, Cl. 170-135.24.
- Borel, Pierre C., and M. R. Mauge, to International Standard Electric Corp. Automatic telephone exchange. 2,761,902, 9-4-56, Cl. 179-18.
- Borell, Leslie C.: *See*—  
Salzmann, Leo, Leta, and Borell. 2,731,455.
- Boren, Karl G.: *See*—  
Kogel, Wilhelm G., Boren, and Ostergren. 2,773,359.  
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- Borg, George W., Corp. The: *See*—  
Schmidt, Arnold W., and Malik. 2,737,702.  
Van Allen, De Witt T., and Kordatzky. 2,760,363.
- Borg, Gustave A., and E. C. Barton, to Turbo-Ray, Inc. Radiant heating systems and apparatus therefor. 2,731,242, 1-17-56, Cl. 257-133.
- Borg, Lennart, to Allmänna Svenska Elektriska Aktiebolaget. Means for producing low-frequency electrical oscillations. 2,730,670, 1-10-56, Cl. 321-68.
- Borg, Lennart, to Allmänna Svenska Elektriska Aktiebolaget. Self-excited transducers. 2,762,966, 9-11-56, Cl. 323-89.
- Borg, Paul B.: *See*—  
Woolslayer, Homer J., Iddings, and Borg. 2,737,367.  
Woolslayer, Homer J., Jenkins, Borg, and Campbell. 2,744,725.
- Borg, W. N., Corp. The: *See*—  
Tancred, William L. 2,749,402.
- Borg-Warner Corp.: *See*—  
Armantrout, Kenneth M. 2,775,133.  
Baker, Charles H., Jr. 2,733,732.  
Becker, Sylvan J. 2,738,864.  
Beranek, James. 2,763,521.  
Berges, Donald M. 2,752,858.  
Bricaud, Joseph M. 2,732,518.  
Bolender, Augustus B. 2,765,529.  
Bolton, Harry G. 2,770,254.  
Carnagha, Harold E. 2,749,427.  
Christy, Robert A. 2,735,453.  
Collins, Jack D. 2,756,851.  
Compton, James A. 2,748,454.  
Dewees, Norman B. 2,737,897.  
Dodge, Adiel V. 2,731,122.  
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English, Herdis G. 2,757,552.  
English, Herdis G. 2,775,323.  
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Ferris, Ernest A. 2,750,019.  
Fleming, Charles A. 2,733,466.  
Frojd, Gustav A. 2,733,327.  
Gommel, Dewey E. 2,774,396.  
Harcus, Robert T. 2,764,938.  
Harrison, William V. 2,753,732.  
Hassler, John E. Re. 24,129.  
Hatch, Albert M. 2,744,721.  
Hershey, Lowell E. 2,754,895.  
Holdeman, John W., and Farrell. 2,768,714.  
Howe, John R. 2,772,373.  
Hupp, Arleigh G. 2,759,584.  
Ingersoll, James H., White, Kovalick, Hegyi, Ruisard, and Levitt. 2,775,073.  
Kelbel, Donald W. 2,753,728.  
Kelbel, Donald W. 2,762,237.  
Kelbel, Donald W. 2,767,447.  
Lauck, John A. 2,732,852.  
Lauck, John A. 2,745,356.  
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Lauck, John A. 2,769,394.  
Lebourg, Maurice P. 2,766,690.  
Mamo, Anthony C. 2,748,715.  
Mamo, Anthony C. 2,755,628.  
McAninch, Herbert A., and Tharpe. 2,755,903.  
Mullinix, Gird E. 2,736,941.  
Nelles, Maurice. 2,770,113.  
Nichols, Vernon R. 2,760,891.  
Norlin, Francis E. 2,769,896.  
Northcutt, Roy C., and Staggs. 2,770,081.  
Oliver, Delbert S. 2,746,132.  
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Orr, Palmer. 2,762,233.  
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Palm, James W. 2,742,129.  
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Pingel, Vernon J. 2,767,432.  
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Powers, Kenneth J. 2,769,279.  
Reed, Harold V. 2,745,268.  
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Schlumberger, Marcel. 2,764,937.  
Schmidt, Thur L. 2,755,045.  
Seibert, John W. 2,770,018.  
Seiberg, John P., and Currie. 2,771,270.  
Shaw, Richard K. 2,755,924.  
Shaw, Lyle F. 2,765,030.  
Shultz, Emmett E. 2,734,258.  
Smirl, Richard L. 2,736,407.  
Smirl, Richard L. 2,771,976.  
Stephenson, Henry R., and Gommel. 2,744,548.  
Swenness, Benjamin A. 2,755,688.  
Swift, Clifford L. 2,736,215.  
Tann, Fred A. 2,752,758.  
Trendly, Harry P. 2,744,598.  
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Wayman, Robert W. 2,770,148.  
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Zeidler, Reinhold C. 2,737,423.  
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- Borgerd, William F., to Whirlpool-Seeger Corp. Centrifugal type fan mounting arrangements. 2,760,718, 8-28-56, Cl. 230-117.
- Borgerd, William F., and M. M. Jones, to Whirlpool-Seeger Corp. Heat pump system. 2,749,724, 6-12-56, Cl. 62-129.
- Borgerd, William F., J. Calling and I. M. Wherry, to Whirlpool-Seeger Corp. Hermetically sealed radial compressor assembly. 2,752,088, 6-26-56, Cl. 230-58.
- Borges, Fiorentino. Atomizer heads. 2,742,326, 4-17-56, Cl. 230-140.
- Borgese, Giusto, to Societa Del Linoleum, Societa Per Azioni. Laminated materials. 2,748,042, 5-29-56, Cl. 154-49.
- Borgeson, Sidney E., to James L. Entwistle Co. Strand stripping machine. 2,745,377, 5-15-56, Cl. 118-221.
- Borghetti, Peter, and W. R. Cavanagh, to Parker Rust Proof Co. Composition and method for forming black coatings for metals. 2,762,733, 9-11-56, Cl. 148-617.
- Borin, Harlan F.: *See*—
- McCConnell, John N., and Borin. 2,772,704.
- Borin, Harlan F., to American Hospital Supply Corp. Hospital floor lamp. 2,745,949, 5-15-56, Cl. 240-8.
- Borin, Francois C., and S. Boris, nee Jokelson, to Holbrefin S. A. Liquid sprayer. 2,760,822, 8-28-56, Cl. 299-88.
- Boris, Sonia.: *See*—
- Boris, Francois C., and Boris. 2,760,822.
- Borjeson, Olov B., to Seje & Thurne Aktiebolag. Apparatus for the separation of particles, particularly fibres, that are suspended in a liquid. 2,751,086, 6-19-56, Cl. 210-199.
- Bork, Charles.: *See*—
- Parker, Warren H. 2,744,365.
- Borland, Alexander H. Place mat. 2,757,478, 8-7-56, Cl. 45-68.4.
- Borman, August H., Jr., to General Motors Corp. Transmission control system. 2,732,732, 1-31-56, Cl. 74-732.
- Bormann, Robert O.: *See*—
- Stratton, Albert L. 2,741,279.
- Born, Ellis H.: *See*—
- Adams, Cecil E., and Born. 2,747,696.
- Shaw, Edwin L., and Born. 2,735,374.
- Born, Ellis H., to The Denison Engineering Co. Hydraulic motor. 2,735,407, 2-21-56, Cl. 121-62.
- Born, Elroy W., to The Maico Co., Inc. Hearing aid. 2,781,586, 1-17-56, Cl. 347-99.
- Born, René. Machine for producing flexible tubing. 2,734,471, 2-14-56, Cl. 113-35.
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- Borner, Carl H., and D. R. Tarallo, to The Nylok Corp. Apparatus for making lock screws having friction locking flange inserted therein. 2,740,973, 4-10-56, Cl. 10-2.
- Börner, Christian, to Vereinigte Glanzstoff-Fabriken A. G. Screw type comminuting apparatus. 2,741,435, 4-10-56, Cl. 241-276.
- Bornmann, Adelaide.: *See*—
- O'Brien, George E., Smith, and Bornmann. 2,763,588.
- O'Brien, George E., Smith, and Bornmann. 2,763,589.
- Smith, Allen E., O'Brien, and Bornmann. 2,758,051.
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- Borowasser, Louis P., to National Cylinder Gas Co. Steam stripping equipment. 2,743,916, 5-1-56, Cl. 261-121.
- Bornzin, James H., to International Harvester Co. Hydraulic control for bale chamber discharge opening. Re. 24,153, 5-22-56, Cl. 100-43.
- Bornzin, James H., and H. F. Bardwell, to International Harvester Co. Pick-up device with driven sweeping rakes. 2,756,557, 7-31-56, Cl. 56-364.
- Borolite Corp.: *See*—
- Glaser, Frank W. 2,735,155.
- Sindeband, Seymour J. 2,741,587.
- Borotik, Emma G. Receptacles. 2,766,874, 10-16-56, Cl. 206-7.
- Borowski, Anthony F. Sequence controller. 2,756,818, 7-31-56, Cl. 161-1.
- Borrel, Marcel, to Societe Industrielle des Derives de l'Acetylene (S. I. D. A.). Method for purification of acrylonitrile. 2,739,930, 8-27-56, Cl. 202-57.
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- Borrelli, Ralph.: *See*—
- Orsatti, Louis A. 2,756,999.
- Borret, Bert.: *See*—
- Allman, Arvel D. 2,755,088.
- Borrow, Edgar W. Treating grass and other crops. 2,754,750 7-17-56, Cl. 99-235.
- Borrowdale, Orville J. Device for facilitating the unloading of material from a hopper. 2,746,617, 5-22-56, Cl. 21-17.
- Borrowdale, Orville J. Elevator-conveyor mechanism. 2,761,546, 9-4-56, Cl. 198-103.
- Borsani, Osvaldo. Divan with independently adjustable back and seat. 2,771,124, 11-20-56, Cl. 155-118.
- Borsody, Benjamin F. Reflective traffic signal spotter. 2,735,341, 2-21-56, Cl. 88-81.
- Borsook, Henry and M. E., to California Institute Research Foundation. Glycocyamine and methylating agent in vivo creatine producing composition. 2,761,807, 9-4-56, Cl. 167-55.
- Borsook, Mannie E.: *See*—
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- Borsook, Mannie E., to Clinical Research Foundation. Therapeutic composition of 3,4 dihydroxy phenyl ethylamine and methylating agent and method of applying. 2,749,275, 6-5-56, Cl. 167-65.
- Borsook, Mannie E., to Clinical Research Foundation. Therapeutic composition of procaine and adrenaline precursor. 2,768,113, 10-23-56, Cl. 167-65.
- Borst, Frank C. Pivoted valve unit for overhead sprinklers. 2,730,128, 1-10-56, Cl. 137-616.7.
- Borst, Lyle B., and H. W. Newson, to the United States of America as represented by the United States Atomic Energy Commission. Neutronic reactor measuring and safety rod operating apparatus. 2,741,592, 4-10-56, Cl. 204-193.
- Borth, Paul F., J. J. Peterka, and C. E. Wilson, Jr., to R. R. Donnelley & Sons Co. Color separation apparatus. 2,740,323, 4-3-56, Cl. 88-24.
- Bortnick, Newman M.: *See*—
- Fegley, Marian F., and Bortnick. 2,752,343.
- Bortnick, Newman M., and S. Melamed, to Rohm & Haas Co. Ureidoalkyl vinyl ethers. 2,734,890, 2-14-56, Cl. 260-77.5.
- Bortnick, Newman M., and M. F. Fegley, to Rohm & Haas Co. Diaminoadiponitriles. 2,752,347, 6-26-56, Cl. 224-24.
- Bortnick, Newman M., and M. F. Fegley, to Rohm & Haas Co. N-substituted pyrroles and process. 2,770,628, 11-13-56, Cl. 260-309.7.
- Bortz, Jay H., and M. Chorney. Fishing rod holder. 2,742,210, 4-17-56, Cl. 224-5.
- Borushak, Michael J., to Harding Mfg. Co., Inc. Method of making films. 2,728,952, 1-3-56, Cl. 18-57.
- Bos Houwers, Willem A. N., to Woodward & Dickerson, Inc. Bag-filling apparatus. 2,733,848, 2-7-56, Cl. 226-48.
- Bos, John R., and R. B. Shulters, to Gardner-Denver Co. Insulation for solderless wire connections. 2,759,357, 8-21-56, Cl. 73-141.
- Bos, Nanko C.: *See*—
- Barrett, Harold G. 2,749,122.
- Bosch, Max, to Siemens-Schuckertwerke Aktiengesellschaft. Thermionic rectifier tube. 2,729,761, 1-3-56, Cl. 313-167.
- Bosch, Robert G., m. b. H.: *See*—
- Allendorf, Friedrich, and Baur. 2,733,914.
- Blumenstock, Friedrich, and Häberle. 2,740,057.
- Fessler, Wilhelm. 2,758,230.
- Korkowski, Eberhard, and Schmidt. 2,770,098.
- Korkowski, Eberhard, Voit, and Schmidt. 2,750,743.
- Mayland, Helmut, and Strüb. 2,741,730.
- Mittag, Hermann. 2,774,029.
- Pröpsti, Georg. 2,732,286.
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- Rolli, Wendel, Hausrath, and Klett. 2,759,114.
- Rolli, Wendel, Alfred, and Brecher. 2,751,897.
- Voit, Willy. 2,748,800.
- Voit, Willy, and Aldinger. 2,739,643.
- Zimmermann, Hans-Gerhard. 2,748,487.
- Bosché, Walwin J., Jr.: *See*—
- Bray, Herschel V., and Bosché. 2,772,609.
- Boschetti, Anthony J., and P. A. Terry, Jr. to H. A. Huebner and M. Herzig, jointly. Adjustable chair. 2,729,274, 1-3-56, Cl. 155-31.
- Boschi, Antonio, to Pirelli Societa per Azioni. Bedding and pointing of fixed glasses on motor car bodies. 2,736,067, 8-28-56, Cl. 18-59.
- Boschi, Antonio, to S. A. G. Societa Applicazioni Gomma Antivibranti S. A. G. Societa per Azioni. Universal joints. 2,754,667, 7-17-56, Cl. 64-11.
- Bosco, Charles G., to Northwestern Steel & Wire Co. Electric motor control and counterweight compensator. 2,749,494, 6-5-56, Cl. 318-143.
- Bose, John H.: *See*—
- Armstrong, Edwin H., Bose, and Hull. 2,738,502.
- Boskamp, Arthur. Stabilized hexylresorcinol therapeutic agent containing castor oil. 2,775,538, 12-26-56, Cl. 167-55.
- Bosley, Elmore D. Loud speaker cabinet. 2,759,553, 8-21-56, Cl. 260-31.
- Bosna, Alexander A., to J. F. Jelenko & Co., Inc. Centrifugal casting machine. 2,752,650, 7-3-56, Cl. 22-65.1.
- Bosomworth, George P.: *See*—
- Mason, Fred H., and Bosomworth. 2,754,546.
- Bosonetti, George J., to The Firestone Tire & Rubber Co. Moisture trap for electronic curing assembly. 2,731,537, 1-17-56, Cl. 219-10.71.
- Boss, Ellery A., to A. T. Cross Pencil Co. Writing instrument. 2,753,844, 7-10-56, Cl. 120-42.03.
- Bossard, Werner, and P. Dussy, to J. R. Geigy A.-G. Disazo dyestuffs. 2,760,958, 8-28-56, Cl. 260-175.
- Bossard, Werner, and M. Reding, to J. R. Geigy A. G. Copperable disazo dyestuffs. 2,760,959, 8-28-56, Cl. 260-175.
- Bossard, Werner, and O. Bitterlin, to J. R. Geigy A. G. Monazo dyestuffs. 2,768,159, 10-23-56, Cl. 260-199.
- Bossard, Charles A., to Boeing Airplane Co. Flexible tank wall edge seals. 2,736,521, 2-28-56, Cl. 244-135.
- Bosshard, John J.: *See*—
- Golding, James L., Bosshard, and Comerford. 2,729,403.
- Bossi, Alfred J., to Ronagra Etablissement. Process for making packages, particularly for ampoules or the like. 2,767,592, 10-2-56, Cl. 53-14.
- Bossong-Werk G. m. b. H.: *See*—
- Skumawitz, Max. 2,771,607.
- Bost, Howard W., to Phillips Petroleum Co. Adhesive composition, method of bonding with same, and bonded article. 2,751,322, 6-19-56, Cl. 154-130.

- Bostic, Tampico P. Shuttle checking apparatus. 2,763,295, 9-18-56, Cl. 139-186.
- Bostick, Charles B. Pipe and rod bender. 2,774,267, 12-18-56, Cl. 81-15.
- Bostitch, Inc.: *See*—  
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Jenny, Robert W. 2,733,440.  
Jenny, Robert W. 2,772,415.  
Lindstrom, Charles M. 2,747,453.  
Lindstrom, Charles M. 2,769,173.
- Boston, Edward D., and B. L. Smith, to Esso Research and Engineering Co. Use of normally gaseous hydrocarbon for stripping of circulating coke in a fluidized coking process. 2,735,804, 2-21-56, Cl. 202-14.
- Boston, John R.: *See*—  
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- Boston, Machinists Work Co.: *See*—  
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- Boston, Malcolm E.: *See*—  
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- Boston Woven Hose and Rubber Co.: *See*—  
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Knowland, Thomas M., and Camello. 2,754,848.  
Knowland, Thomas M., and Camello. 2,767,741.
- Bostwick, Lee G., to Bell Telephone Laboratories, Inc. Vibrating reed oscillator of the contact type. 2,747,092, 2-25-56, Cl. 250-36.
- Bostwick, William L.: *See*—  
Phillips, Lyman W., Fox, and Bostwick. 2,731,030.
- Boswau, Hans P., to Leich Electric Co. Automatic telephone system. 2,762,864, 9-11-56, Cl. 179-18.
- Boswell, William H.: *See*—  
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- Bosworth, Merrill R. Tool adapter. 2,764,882, 10-2-56, Cl. 64-29.
- Boszormenyi, Andre G. T.: *See*—  
Jendrassik, George. 2,753,108.  
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- Botden, Theodor P. J., M. C. Teves, T. Tol, and F. de Boer, to Hartford National Bank and Trust Co. as trustee. Electric discharge tube for intensifying fluorescent images produced with the use of X-rays. 2,748,304, 5-29-56, Cl. 313-65.
- Both, Tonjes A. C., and L. C. Morton, to Bridgeport Brass Co. High pressure fluid dispensing device. 2,757,964, 8-7-56, Cl. 299-95.
- Bortley, Richard M., to Hawaiian Pineapple Co., Ltd. Machine for stacking and unstacking objects. 2,767,863, 10-23-56, Cl. 214-6.
- Botnick, Irvin: *See*—  
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- Botolfson, Roy Portable support for saddles. 2,760,746, 8-28-56, Cl. 248-224.
- Botsch, Francis W., to the United States of America as represented by the Secretary of the Army. Work measuring apparatus. 2,765,053, 10-9-56, Cl. 73-141.
- Botsford, Nelson: *See*—  
Aikens, Andrew J., Botsford, Boysen, Dietze, Goodale, and Inglis. 2,732,436.
- Bott, Walter C. Digging bucket. 2,758,398, 8-14-56, Cl. 37-187.
- Bortcher, Bruno, and F. L. Bauer. Method of preparing sulforum compounds. 2,729,649, 1-3-56, Cl. 260-327.
- Botthcher, George I., to Allegheny Ludlum Steel Corp. Scrap charging bucket. 2,746,787, 5-22-56, Cl. 294-71.
- Böttcher, Paul. Differential gearing. 2,734,398, 2-14-56, Cl. 74-711.
- Böttcher, Paul. Belt grinding machine for woodwork. 2,762,173, 9-11-56, Cl. 51-141.
- Bottenmiller, Edward L., to General Electric Co. Generator control system. 2,748,295, 5-29-56, Cl. 307-84.
- Bottenhorn, Hermann A., to R. Loewy. Pinion stand for rolling mills. 2,729,519, 1-3-56, Cl. 308-78.
- Bottenhorn, Hermann A., to R. Loewy. Lever-operated shears. 2,753,937, 7-10-56, Cl. 164-47.
- Botting, Henry G. C.: *See*—  
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- Bottini, Domingo P.: *See*—  
Zini, Pedro P., and Bottini. 2,737,047.
- Bottleman, Ray, to Great American Plastics Co. Toy wheel vehicle. 2,749,662, 6-12-56, Cl. 46-223.
- Bottom, Virgil E., and W. R. Ives, Jr., to Motorola, Inc. Zero temperature coefficient piezoelectric crystal. 2,743,144, 4-4-56, Cl. 31-9.5.
- Bottoms, Charles H.: *See*—  
Watson, Ernest A., and Bottoms. 2,764,868.
- Bottoms, Charles H., to Joseph Lucas Ltd. Fuel control means for aerial jet-propelled bodies. 2,753,882, 7-10-56, Cl. 137-51.
- Bottoms, Jack E. Automatic projection printer. 2,764,059, 9-25-56, Cl. 88-24.
- Bottoms, Robert R., to National Cylinder Gas Co. Process of impregnating cellulosic materials with copper in chemically bound relation with the cellulose. 2,749,256, 6-5-56, Cl. 117-59.
- Bottus, John C., and A. W. Worthington, to Westinghouse Electric Corp. Insulated coils for electrical machines and processes for preparing them. 2,757,298, 7-31-56, Cl. 310-208.
- Bottum, Edward W. Refrigerator dehydrator. 2,770,317, 11-13-56, Cl. 183-48.
- Boucard, Victor, and H. D. Hume; said Boucard assor. to said Hume. Tractor mounted mower. 2,750,726, 6-19-56, Cl. 56-25.
- Boucher, Carmack E. Conduit tractor. 2,742,259, 4-17-56, Cl. 254-134.5.
- Boucher, Frank G.: *See*—  
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- Boucher, Raymond W., to Hedstrom Union Co. Collapsible furniture. 2,733,755, 2-7-56, Cl. 155-145.
- Boucher, Jean H. M. J. Cutting machine. 2,774,191, 12-18-56, Cl. 51-34.
- Boucke, Heinz, to Radio Patents Co. Translation of electrical reactance value. 2,747,095, 5-22-56, Cl. 250-36.
- Boucke, Heinz, to Radio Patents Co. Electrostatic transducers. 2,755,796, 7-24-56, Cl. 128-2.
- Boudouris, George Jr.: *See*—  
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- Boudreau, Alban M., to Hedstrom Union Co. Baby carriage lift-out body and chassis support and interlock. 2,733,928, 2-7-56, Cl. 280-31.
- Boudreau, Peter: *See*—  
Bruneau, Louis O., and Boudreau. 2,750,186.
- Bougher, Martin W., Sr.: *See*—  
Staples, Robert G., Jr., and Bougher. 2,771,288.
- Bouffard, Paul E. Self-loading and unloading vehicle car. 2,745,566, 5-15-56, Cl. 214-503.
- Boufford, Victor A., to Mecatec S. A. Endless track vehicle and controls therefor operable from prone position. 2,758,660, 8-14-56, Cl. 180-6.7.
- Boughton, James W., to Electric Parts Corp. Traction device. 2,760,626, 8-28-56, Cl. 203-200.
- Boughton, Olin W.: *See*—  
De Grave, Charles J., Jr., and Boughton. 2,729,154.
- Boughton, Olin W., E. J. Brinkman, and C. J. De Grave, Jr., to Bausch & Lomb Optical Co. Focusing lens mounting for cylindrical lenses. 2,740,328, Cl. 88-37.
- Boughton, Olin W., and H. E. Gruner, to Bausch & Lomb Optical Co. Photogrammetric projection apparatus. 2,747,461, 5-29-56, Cl. 88-24.
- Boughtwood, John E., to The Western Union Telegraph Co. Cross-talk suppression. 2,732,431, 1-24-56, Cl. 179-15.
- Boulay, Robert J. Dispensing gun for fluid containers. 2,760,626, Cl. 299-97.
- Boulton, Robert E. Tire chain mounting clip. 2,759,384, 8-21-56, Cl. 81-15.8.
- Bouman, Jan, to Shell Development Co. Viscometer system. 2,771,770, 11-27-56, Cl. 73-55.
- Boumy, James R., to Evershed & Vignoles Ltd. Servo electric controlling apparatus. 2,757,326, 7-31-56, Cl. 318-32.
- Bourassa, Hugues: *See*—  
Hogan, Walter H., and Bourassa. 2,756,609.
- Bourcier de Carbon, Christian M. L. L. Horizontal shock absorber with reservoir. 2,747,695, 5-29-56, Cl. 188-89.
- Bourcier de Carbon, Christian M. L. L. Shock absorber with cantilever disc spring valves. 2,748,898, 6-5-56, Cl. 188-88.
- Bourcier de Carbon, Christian M. L. L. Shock absorber. 2,757,762, 8-7-56, Cl. 188-100.
- Bourcier de Carbon, Christian M. L. L. Rod seal for shock absorbers. 2,765,877, 10-9-56, Cl. 188-100.
- Bourcier de Carbon, Christian M. L. L. Damped pneumatic spring. 2,769,632, 11-6-56, Cl. 267-64.
- Bourcier de Carbon, Christian M. L. L. Shock absorbers. 2,774,446, 12-18-56, Cl. 188-88.
- Bourcier de Carbon, Christian M. L. L. Shock absorber. 2,774,447, 12-18-56, Cl. 188-88.
- Bourdon Mfg. Co.: *See*—  
Curry, William G. 2,750,190.
- Bourdon, Pierre M., to Compagnie Generale des Etablissements Michelin. Detachable wheels for vehicles. 2,748,804, 5-22-56, Cl. 301-9.
- Bourdon, Ramond S.: *See*—  
Curry, William G. 2,750,190.
- Bourgonjon, Louis R., to Hartford National Bank and Trust Co. trustee. Circuit-arrangement comprising a frequency-tuning coil. 2,775,703, 12-25-56, Cl. 250-38.
- Bourgraf, George J. Burial casket. 2,775,021, 12-25-56, Cl. 27-6.
- Bourguet, Jean M., to Socony Mobil Oil Co., Inc. Method and apparatus for pneumatic transfer of granular contact materials. 2,770,503, 11-13-56, Cl. 302-17.
- Bourguet, Jean M., to Socony Mobil Oil Co., Inc. Method for transfer of contact materials. 2,770,504, 11-13-56, Cl. 302-53.
- Bourguet, Jean M., and F. E. Ray, to Socony Mobil Oil Co., Inc. Method and apparatus for pneumatically lifting granular contact material. 2,765,265, 10-2-56, Cl. 196-52.
- Bourguignon, Emil J. Tool holder provided with readily adjustable alignment means. 2,751,614, 6-26-56, Cl. 10-129.
- Bourguignon, Emil J. Vernier dial indicating mechanism for production machines. 2,753,834, 7-10-56, Cl. 116-115.
- Bourke, Edgar R.: *See*—  
Barrett, Edward L. 2,740,955.
- Bourne, Joseph R., to Carrier Corp. Absorption refrigeration system, including preheater for weak solution. 2,755,635, 7-24-56, Cl. 62-5.
- Bourne, Joseph R., to Carrier Corp. Absorption refrigeration systems. 2,760,350, 8-28-56, Cl. 62-119.



- Bourne, Roland B., to The Maxim Silencer Co. Steam and water separator. 2,759,558, 8-21-56, Cl. 183-32.
- Bourne, Roland B., to The Maxim Silencer Co. Steam and water separator for a salt water distilling plant. 2,759,559, 8-21-56, Cl. 183-82.
- Bourne, William G., to Rotax Ltd. Push-button electric switch. 2,759,600, 10-30-56, Cl. 200-67.
- Bourns, Marlan E.: *See*—  
Harrison, Wilbur T. 2,749,261.
- Bourns, Marlan E. Fastening pin having plurality of resilient fingers. 2,754,716, 7-17-56, Cl. 85-8.3.
- Bourns, Marlan E. Linear motion resistor. 2,759,080, 8-14-56, Cl. 201-62.
- Bourns, Marlan E., and M. E. Harrison; said Harrison to said Bourns. Multiple capsule bellows. 2,756,777, 7-31-56, Cl. 137-796.
- Bourquard, Louis M. E., to "Societe d'Exploitation des Matieres Hispano-Suizas," S. A. Launching devices for self-propelled missiles. 2,730,927, 1-17-56, Cl. 89-1.7.
- Bourquin, Jean P.: *See*—  
Stoll, Arthur, and Bourquin. 2,748,134.  
Stoll, Arthur, and Bourquin. 2,757,175.
- Bousquet, John A.: *See*—  
Bousquet, Walter C. Nye, and Bousquet. 2,729,384.
- Boutard, Jacques. Silo for granulous material. 2,745,520, 5-15-56, Cl. 189-3.
- Bouteloup, Michel. Cigarette package or the like with opening means. 2,767,900, 10-23-56, Cl. 229-51.
- Bouton, Gertrude J.: *See*—  
Vischer, Alfred, Jr. 2,747,832.
- Boutry, Georges A., and G. A. V. Pietri, to Hartford National Bank and Trust Co., as trustee. Ion source. 2,754,442, 7-10-56, Cl. 313-63.
- Bouvat-Martin, to Societe Anonyme dite: Societe Generale Isothermes. Devices for lubricating and sealing the wheel side of axle boxes in railway vehicles. 2,754,161, 7-10-56, Cl. 308-36.4.
- Bouvy, Jacques J. B. J., and A. Komijn. Hydraulic jack for the tensioning and anchoring of the reinforcement metal in a reinforced concrete construction. 2,768,810, 10-30-56, Cl. 254-29.
- Bouwers, Albert, to N. V. Optische Industrie "De Oude Delft." Tele-objective of the catadioptric type. 2,748,658, 6-5-56, Cl. 88-57.
- Bouwers, Albert, to N. V. Optische Industrie "de Oude Delft." Optical anamorphic device for use with objective lens system. 2,769,373, 11-6-56, Cl. 88-57.
- Bouwers, Albert, and R. Zoglmann, to N. V. Optische Industrie "De Oude Delft." Microscope diaphragm having an adjustable opaque central part. 2,762,259, 9-11-56, Cl. 88-40.
- Bouvy, George J. Electric hygrometer. 2,740,032, 2-27-56, Cl. 201-63.
- Bouzit, Jean: *See*—  
Claret, René, and Bouzit. 2,758,877.
- Bovard, Robert M., and W. C. Hamilton, to Mine Safety Appliances Co. Quick starting oxygen producing apparatus. 2,763,015, 8-7-56, Cl. 23-281.
- Bovard, Robert M., and W. C. Hamilton, to Mine Safety Appliances Co. Oxygen generating candle and method of making it. 2,764,475, 9-25-56, Cl. 23-281.
- Bovee, Eliad A., to Motor Wheel Corp. Housing for disc type disc motor. 2,760,327, 8-28-56, Cl. 56-25.4.
- Boven, Vern L.: *See*—  
Cornell, Norman M., Gulick, and Boven. 2,768,768.
- Bovenkerk, Harold P., to General Electric Co. Insulated structures. 2,742,385, 4-17-56, Cl. 154-45.
- Bovenkerk, Harold P., to General Electric Co. Heating panel. 2,742,566, 4-17-56, Cl. 219-19.
- Bowan, Walter J.: *See*—  
Mueller, Frank H., and Bowan. 2,767,729.  
Traztik, Frederick, and Bowan. 2,756,779.
- Bowan, Walter J., and D. W. Perry, to Mueller Co. Packaged screw thread pipe joint. 2,754-56, Cl. 137-36.
- Bowaters Development and Research Ltd.: *See*—  
Alecok, John F. 2,755,938.  
Kimmer, Norman G. 2,756,087.  
Roberts, George R., Heathcote, and Lister. 2,768,690.  
Bowaters (Engineers) Ltd.: *See*—  
Melsom, Walter A. 2,751,496.  
Melsom, Walter A. 2,753,674.  
Melsom, Walter A. 2,753,196.
- Bowden, John W., to Lord & Burnham, Division of Burnham Corp. Grooved muntin bar. 2,762,475, 9-11-56, Cl. 130-78.
- Bowden, Ralph H. Electronic tube filament continuity tester. 2,752,563, 6-26-56, Cl. 324-22.
- Bowden, William H., to Alliance Ware, Inc. Press and method of drawing two depressions in flat sheet material. 2,761,407, 6-9-56, Cl. 115-51.
- Bowdish and Associates, Inc.: *See*—  
Hammeras, Raymond E., and Bowdish. 2,744,008.
- Bowdish, Elver F.: *See*—  
Hammeras, Raymond E., and Bowdish. 2,744,008.
- Bowdish, Hoel L., to The Foxboro Co. Pneumatically operated centrifuge. 2,742,917, 4-24-56, Cl. 137-86.
- Bowdish, Hoel L., to The Foxboro Co. Differential pressure responsive assembly. 2,770,258, 11-13-56, Cl. 137-787.
- Bowdish, Hoel L., to The Foxboro Co. Restrictor valve. 2,773,664, 12-11-56, Cl. 251-276.
- Bowell, Stephen T., I. C. Rush, and W. H. Watson, to Polymer Corp., Ltd. Process for producing butadiene, styrene latices of improved stability. 2,754,883, 2-14-56, Cl. 260-20.7.
- Bowen, Albert H., to Monsanto Chemical Co. Process for water soluble styrene-maleic anhydride derivatives. 2,757,153, 7-31-56, Cl. 260-29.6.
- Bowen, Albert M.: *See*—  
Montooth, George A., and Bowen. 2,740,631.  
Montooth, George A., and Bowen. 2,741,930.
- Bowen, Arnold E., deceased, by V. C. Bowen, executrix, to Bell Telephone Laboratories, Inc. Ultra-high frequency electronic device. 2,745,039, 5-8-56, Cl. 315-39.51.
- Bowen & Co.: *See*—  
Welsh, William W. 2,752,096.
- Bowen, Floyd R., and W. J. Dickerson. Agricultural implement. 2,737,835, 3-13-56, Cl. 97-22.
- Bowen, Frank W., to Sun Oil Co. Addition of granular solids to a hydrocarbon conversion system. 2,760,914, 8-28-56, Cl. 196-52.
- Bowen, Ira S.: *See*—  
Smythe, William R., and Bowen. 2,759,785.
- Bowen, John L., deceased, by W. W. Bowen, administrator, to Firth Sterling, Inc. Tool bit for mining operations. 2,740,611, 4-3-56, Cl. 255-61.
- Bowen, Max E., J. A. Hanish, and T. E. Carlson, to Handling Equipment & Mfg. Co. Electric water heater. 2,772,344, 11-27-56, Cl. 219-38.
- Bowen, Max E., to Matthews Conveyor Co. Telescoping conveyor. 2,760,617, 8-28-56, Cl. 193-35.
- Bowen, Richard L., Jr. Web tensiometer. 2,758,472, 8-14-56, Cl. 73-144.
- Bowen, Seth T., and F. Fortess, to Celanese Corp. of America. Sizing and drying of filamentary material. 2,769,727, 11-6-56, Cl. 117-103.
- Bowen, Tom. Clockwork controlled electric switch mechanism. 2,773,142, 12-4-56, Cl. 200-38.
- Bowen, Virginia C.: *See*—  
Bowen, Arnold E. 2,745,039.
- Bowen, Wayne W.: *See*—  
Bowen, John L. 2,740,611.
- Bowen, William M., III: *See*—  
Houdry, Eugene J., and Bowen. 2,750,680.
- Bowen, William M., III, and E. J. Houdry, to Oxy-Catalyst, Inc. Exhaust gas treating unit. 2,772,147, 11-27-56, Cl. 23-29.
- Bower, Clyde S. Automatic toll collection system. 2,769,165, 10-30-56, Cl. 340-213.
- Bower, Exil E. Power transmitting mechanism. 2,730,217, 1-10-56, Cl. 192-61.
- Bower, John L.: *See*—  
Daub, Rudolph. 2,755,151.  
Daub, Rudolph. 2,760,834.
- Bower, George C. Magnetic clutch tap drive. 2,759,580, 8-21-56, Cl. 192-21.5.
- Bower, Gerald C. Plant-ties and method of manufacture. 2,767,133, 10-2-56, Cl. 154-3.
- Bower, Harman J. Tandem axle spring suspension. 2,752,164, 6-26-56, Cl. 280-104.5.
- Bower, Stewart P.: *See*—  
Kerr, Henry H., Benson, Bower, and Siess. 2,748,827.  
Bower, William S.: *See*—  
Benson, Howard E., Bower, and Payne. 2,773,350.
- Bowerman, Clarence J., to Bausch & Lomb Optical Co. Fine adjustment means for microscopes. 2,747,464, 5-29-56, Cl. 88-39.
- Bowerman, Hulle E. Apparatus for and method of molding rubber articles. 2,770,012, 11-1-56, Cl. 18-36.
- Bowers, Charles E., Sr., to The Fibre Metal Products Co. Spark detector/visor assembly. 2,755,476, 7-24-56, Cl. 2-8.
- Bowers, Charles E., Sr., to The Fibre Metal Products Co. Head protector cradle attachment. 2,763,863, 9-25-56, Cl. 2-8.
- Bowers, Frederick M., to The Fibre Metal Products Co. Welding helmet face shield. 2,750,593, 6-19-56, Cl. 2-9.
- Bowers, George H., III, to E. I. du Pont de Nemours and Co. Stabilization of chlorosulfonated polymers by means of dialcylazaine. 2,757,193, 7-31-56, Cl. 260-45.9.
- Bowers, Harold E., to The Commonwealth Engineering Co. of Ohio. Apparatus for knead pulping. 2,745,321, 5-15-56, Cl. 92-20.
- Bowers, Harold E., 1/2 to M. F. Kritecher. Manufacture of fiber board by extrusion. 2,759,222, 8-21-56, Cl. 18-55.
- Bowers, Roland G., to Sun Oil Co. Refining mineral oil to remove copper therefrom by treating with a metal acetate. 2,759,875, 8-21-56, Cl. 196-29.
- Bowers, Roland G., to Sun Oil Co. Corrosion prevention. 2,768,884, 10-30-56, Cl. 44-73.
- Bowers, Roy C., to Morse Chain Co. Centrifugal clutch. 2,763,967, 7-10-56, Cl. 192-105.
- Bowers, Roy L.: *See*—  
Thatcher, Russell S., and Bowers. 2,730,125.
- Bowers, Roy L., to General Motors Corp. Filter for fluids such as gasoline. 2,772,001, 11-27-56, Cl. 210-165.
- Bowers, Roy L., and C. J. Lauer, to General Motors Corp. Drive and control mechanism for a windshield wiper. 2,739,681, 3-27-56, Cl. 192-33.
- Bowers, Roy L., and J. R. Gretzinger, to General Motors Corp. Filter for treatment of liquid. 2,751,085, 6-19-56, Cl. 210-169.
- Bowers, Thomas S., 1/4 to H. N. Archambault. Nail clipper. 2,753,626, 7-10-56, Cl. 30-28.
- Bowersett, Charles F. Apparatus for electrolytically penetrating shell casings. 2,741,594, 4-10-56, Cl. 204-212.
- Bowersett, Charles F. Nose fuze for a bomb. 2,742,859, 4-24-56, Cl. 102-81.2.

- Bowersett, Charles F. Bolt with frangible, ejectable tension indicating means. 2,747,454, 5-29-56, Cl. 85-62.
- Bowersmith, Charles M., to C. G. Day. Universal marine engine starter switch. 2,743,794, 5-1-56, Cl. 200-18.
- Bowersox, Marvin W. Evaporative cooler. 2,774,581, 12-18-56, Cl. 261-24.
- Bowes, Leslie H. Means for tableting sugar. 2,735,380, 2-21-56, Cl. 107-17.
- Bowes, Ralph P. Disposable dropping board cover for cages. 2,738,763, 3-20-56, Cl. 119-17.
- Bowes, Thomas D.: *See*—Schulte, Fritz.
- Bowes, Thomas D. Electrical automotive transmission system with changeable ratios. 2,732,508, 1-24-56, Cl. 310-102.
- Bowes, Urban E. Feeder for sheets of glass and similar thermoplastic materials. 2,772,617, 12-4-56, Cl. 49-17.
- Bowie, Adrian St. J. to Food Machinery and Chemical Corp. Agricultural spraying and dusting apparatus. 2,770,069, 11-13-56, Cl. 43-148.
- Bowie, David D.: *See*—Blanchard, Wallace, Jr., and Bowles, 2,745,501.
- Bowles, Frank W., and E. N. Sturdevant, to F. W. Bowie. Cylindrical grinding attachment for surface grinders. 2,746,218, 5-22-56, Cl. 51-237.
- Bowler, Ernest H.: *See*—Fraser, Donald, and Bowler, 2,767,294.
- Bowles, William C. Device for forming trouser cuffs. 2,737,320, 3-4-56, Cl. 223-9.
- Bowles, Alfred H. Parkway motor lodge. 2,763,381, 9-18-56, Cl. 214-16.1.
- Bowles, Ernest G., and E. E. Miles, to General Electric Co. Apparatus for coating tubular fluorescent lamps. 2,749,847, 6-12-56, Cl. 103-236.
- Bowles, Eugene V., and G. C. Spiraled hub for tractor rear wheels. 2,735,722, 2-21-56, Cl. 301-1.
- Bowles, Geraldine C.: *See*—Bowles, Eugene V., and G. C. 2,735,722.
- Bowles, Irvin W. to C. E. Jones processing apparatus. 2,753,872, 7-10-56, Cl. 131-134.
- Bowles, James M.: *See*—Carroll, Wallace E., and Bowles, 2,771,009.
- Bowles, Vernon O., to Socony Mobil Oil Co., Inc. Method and apparatus for the conversion of liquid hydrocarbons. 2,738,067, 8-7-56, Cl. 198-52.
- Bowles, Vernon O., to Socony Mobil Oil Co., Inc. Method and apparatus for spraying a hydrocarbon feed oil in a moving bed hydrocarbon conversion system. 2,760,915, 8-28-56, Cl. 196-52.
- Bowles, Victor D. Orthodontic bracket. 2,756,502, 7-31-56, Cl. 32-14.
- Bowl-Mor Co., Inc.: *See*—Dowd, Howard M., and Barrows, 2,739,813.
- Dowd, Howard M., and Barrows. 2,757,000.
- Bowlus, Omer E.: *See*—Finkbeiner, Frederick J., Jr., and Bowlus, 2,754,469.
- Bowman, Anna H.: *See*—Bowman, Samuel G. 2,774,827.
- Bowman, Frederic C., and W. M. Ramsey, to Victor Chemical Works. Water softening and detergent composition and process of preparing same. 2,751,657, 6-19-56, Cl. 252-135.
- Bowman, Hyman D. Heating apparatus. 2,738,409, 3-13-56, Cl. 219-33.
- Bowman, James L. Disk hillier mount for cultivators. 2,757,593, 8-7-56, Cl. 97-54.
- Bowman, Joseph R. Door straightening tool. 2,736,359, 2-28-56, Cl. 159-35.
- Bowman, Kingston M. Non-tilting anchor. 2,743,695, 5-1-56, Cl. 114-207.
- Bowman, Paul F., to Continental Paper Co. Patch end machine. 2,774,204, 12-18-56, Cl. 53-137.
- Bowman, Reginald M. Horseshoe movement stimulating pedalless tricycle. 2,752,162, 6-26-56, Cl. 280-1192.
- Bowman, Reginald M. Bridge for stringed musical instruments. 2,770,158, 11-13-56, Cl. 84-309.
- Bowman, Samuel G.,  $\frac{1}{2}$  to A. H. Bowman, and  $\frac{1}{2}$  to J. M. Guthrie. Organ coupler sections. 2,774,827, 12-18-56, Cl. 200-5.
- Bowman, Spencer: *See*—Meyer, Andrew, and Bowman, 2,758,457.
- Bowman, Spencer, to Westinghouse Air Brake Co. Multiple rotor head mounting for mining machine. 2,761,664, 9-4-56, Cl. 262-7.
- Bowman, Spencer, to Westinghouse Air Brake Co. Cutting gathering device for a continuous mining machine. 2,768,728, 10-30-56, Cl. 198-8.
- Bowman, Spencer, and F. A. Krauss, Jr., to Westinghouse Air Brake Co. Crawler transmission. 2,759,374, 8-21-56, Cl. 74-750.
- Bowman, Wade V., and C. T. Miller. Article positioning apparatus for a transfer applying machine. 2,759,283, 8-21-56, Cl. 41-1.
- Bowman, Walter J.: *See*—Mueller, Frank H., and Bowman, 2,773,618.
- Bowme, Lloyd P., Jr., and P. Payson, to Crucible Steel Co. of America. Ni-Cr hard facing alloys. 2,744,009, 5-1-56, Cl. 75-171.
- Bowme, M. S.: *See*—Webb, Cecil E. 2,754,562.
- Bowser, Harly E. Electric outlet box screw plate. 2,772,062, 11-27-56, Cl. 248-27.
- Bowser, Inc.: *See*—Baranowski, Leslie B. 2,770,711.
- Damon, Robert H. 2,746,745.
- Harks, Walter M. 2,749,797.
- Harks, Walter M., and Delaney. 2,732,976.
- Mankin, Paul A., Klopfenstein, and Doelling. 2,731,171.
- Marvel, Harvey E. Re. 2,413,36.
- Pressler, Ralph B. 2,749,755.
- Rittenhouse, Howard E. 2,731,029.
- Romanowski, Albert F., and Weinecke. 2,770,130.
- Samiran, David. 2,768,845.
- Bowser, Percy L., Jr.: *See*—Venner, William M., Bowser, and Peterson. 2,737,427.
- Venner, William M., Bowser, and Peterson. 2,737,428.
- Wainwright, William N., Venner, and Bowser. 2,771,328.
- Bowser, Philip C., to General Motors Corp. Wheel hop device for parking for vehicle road wheels. 2,746,768, 5-22-56, Cl. 280-150.
- Bowser, Willard W., to Motorola, Inc. Oscillator. 2,740,891, 4-3-56, Cl. 250-36.
- Bowtell, James N., to General Electric Co. Electric discharge lamp. 2,761,087, 8-28-56, Cl. 313-213.
- Bowtell, James N., and E. E. Miles, to General Electric Co. Thermionic cathodes. 2,740,914, 4-3-56, Cl. 313-109.
- Bowyer, William C. Fluid pressure actuated tire head loosening tool. 2,753,923, 7-10-56, Cl. 137-117.
- Box, Merrel L., and R. W. Cason, to Merrel Mfg. Machine for detecting and strapping improperly labeled cans. 2,741,365, 4-10-56, Cl. 209-81.
- Boxcraft Corp.: *See*—Richardson, Edward M. Re. 24,220.
- Boxel, Edward G., Jr.: *See*—Cooper, Ray L., and Boxel. 2,757,749.
- Boxel, Samuel E., W. F. Richter, R. E. and C. R. Hall, and L. R. Dane, to The Pure Oil Co. Bearing reseating device. 2,750,815, 6-19-56, Cl. 77-2.
- Boxer, Julius: *See*—Max, Skolnick, and Boxer. Re. 24,197.
- Boy y Lañe, Laura J. M.: *See*—Louié et Lavigne, Juan. 2,732,830.
- Boygain, John J. Tamper-proof garment hanger. 2,765,967, 10-9-56, Cl. 223-91.
- BoyaJean, John A., to Fairchild Camera and Instrument Corp. Method for forming engraved image-reproducing plates. 2,738,730, 3-20-56, Cl. 101-401.
- BoyaJean, John A., to Fairchild Camera and Instrument Corporation. Engraving stylus. 2,743,348, 4-24-56, Cl. 219-21.
- BoyaJean, John A., to Fairchild Camera and Instrument Corp. Multi-color-separation printing plates. 2,768,577, 10-30-56, Cl. 101-401.
- BoyaJean, John A., to Fairchild Camera and Instrument Corp. Engraving stylus. 2,769,199, 11-6-56, Cl. 18-1.
- BoyaJean, John A., to Fairchild Camera and Instrument Corp. Heatable engraving stylus assembly. 2,773,163, 12-4-56, Cl. 219-29.
- BoyaJean, Alfred Z. Adjustment for chair-seat. 2,742,954, 4-24-56, Cl. 155-131.
- Boyajian, Misak K. Rotisserie attachments. 2,760,428, 8-28-56, Cl. 99-427.
- Boyajian, Misak K. Rotisserie. 2,762,293, 9-11-56, Cl. 101-401.
- Boyar, Marshall: *See*—Gordon, Robert N. 2,764,139.
- Boyar-Schultz Corp.: *See*—Adlaf, William J. 2,764,767.
- Adlaf, William J. 2,770,821.
- Boyce, John, to Food Machinery and Chemical Corp. Filling valve. 2,735,446, 2-21-56, Cl. 137-625.42.
- Boyce, Stanley C.: *See*—Hart, Hubert E., Boyce, and Garneau. 2,754,017.
- Boyce Thompson Institute for Plant Research, Inc.: *See*—Prill, Edward A. 2,775,062.
- Boycks, Edward C., to Nekooosa-Edwards Paper Co. Electronic contrast area radiometer. 2,756,627, 7-31-56, Cl. 88-14.
- Boycott, Harold D. Clothes rack. 2,736,437, 2-28-56, Cl. 211-86.
- Boyd, Albert B., deceased; M. B. Ritter, administratrix. Valve operating mechanism. 2,744,262, 5-8-56, Cl. 4-67.
- Boyd, Charles J. Adjusting mechanism. 2,755,682, 7-24-56, Cl. 74-424.8.
- Boyd Coffee Co.: *See*—Johnson, Rudolph W. 2,737,880.
- Boyd, Douglas: *See*—Hammit, Homer H., and Sheldon. 2,758,529.
- Boyd, Elsie L.: *See*—Betts, Irene E. 2,771,881.
- Boyd, Fisher L., to National Foam System, Inc. Foam discharge unit. 2,766,026, 10-9-56, Cl. 261-76.
- Boyd, Halbert H. Bed canopy. 2,737,193, 3-6-56, Cl. 135-5.1.
- Boyd, Hugh C., Jr. Key and coin container. 2,753,914, 7-10-56, Cl. 150-40.
- Boyd, John M., and P. W. Farrin, to Continental Can Co., Inc. Apparatus for removing air from the head spaces of filled cans. 2,758,766, 8-14-56, Cl. 226-68.
- Boyd, Leo B., to Northrop Aircraft, Inc. Stepper motor. 2,752,513, 6-26-56, Cl. 310-23.
- Boyd, Leonard E. Manually operable tongs. 2,751,245, 6-19-56, Cl. 294-1.
- Boyd, Loyd O., and G. J. Baker, to Standard Oil Co. Spraying device. 2,772,922, 12-4-56, Cl. 299-95.
- Boyd, Philip A., 50% to C. Meyer. Telescoping fishing pole. 2,742,728, 4-24-56, Cl. 43-18.



- Boyd, Richard C., to Bell Telephone Laboratories, Inc. Radiant energy relay system. 2,748,266, 5-29-56, Cl. 250-12.
- Boyd, Robert A., to Owens-Illinois Glass Co. Control of day-lighting. 2,768,556, 10-30-56, Cl. 88-60.
- Boyd, Robert E.: *See—*
- McFadden, George H., Bennett, and Boyd. 2,731,427.
- Boyd, Roy W., A. A. Wyvon, and H. Ruech, to International Harvester Co. Machine for removing spacers from radiator cores. 2,735,164, 2-21-56, Cl. 29-202.
- Boyd, Samuel N., Jr., to E. I. du Pont de Nemours and Co. Quaternary ammonium antitraguine salts. 2,737,517, 3-6-56, Cl. 260-379.
- Boyd, Thomas, to Monsanto Chemical Co. Process for preparing water-repellent fabric and resulting product. 2,769,732, 11-6-56, Cl. 117-161.
- Boyd, Thomas F. G., P. W. Fischer, and R. T. Wheeler, to Union Oil Co. of California. Flotation of hydrocarbon impurities. 2,759,607, 8-21-56, Cl. 210-53.
- Boyd, Thomas J.: *See—*
- Manion, Charles H., and Boyd. 2,733,826.
- Boyd, Thomas J., to C. H. Manion, and T. J. Boyd. Metal roof seam forming machine. 2,774,320, 12-18-56, Cl. 113-55.
- Boyd, Walter A., Jr., to Bryant Chucking Grinder Co. Air gating mechanism for centerless grinders. 2,772,519, 12-4-56, Cl. 51-48.
- Boyd, Walter A., Jr., to Bryant Chucking Grinder Co. Centerless grinding machine. 2,772,526, 12-4-56, Cl. 51-236.
- Boyd, Walter H., and S. S. Gruppico, to American Optical Co. Visual training device. 2,748,764, 6-5-56, Cl. 128-76.5.
- Boyd, William H. Animal host. 2,743,701, 5-1-56, Cl. 119-100.
- Boyd, William H. A., to the United States of America as represented by the Secretary of the Navy. Squib gun. 2,732,765, 1-31-56, Cl. 89-1.5.
- Boyd, William H. A., to the United States of America as represented by the Secretary of the Navy. Friction spring shock absorber. 2,753,177, 7-8-56, Cl. 267-9.
- Boydell, E., & Co. Ltd.: *See—*
- McCaw, William F. 2,741,492.
- Boydell, Robert E., W. P. Collison, K. F. Oldenburg, and F. N. Schwend, to Clary Corp. Read-out apparatus for an impulse actuated accumulating device. 2,757,862, 8-7-56, Cl. 235-60.4.
- Boydston, Ira S.: *See—*
- Douglas, Greig C., Wagner, and Boydston. 2,757,739.
- Boye Needle Co., The: *See—*
- Carlson, Gustav A. 2,738,662.
- Boyer, Charles P., to the United States of America as represented by the Secretary of the Army. Double feed prevention device. 2,750,848, 6-19-56, Cl. 89-137.
- Boyer, Floyd J.: *See—*
- Boyer, Robert J., Baber, Irwin, and Boyer. 2,768,504.
- Boyer, George K. Valve for simultaneous or selective control of mower traction motors. 2,766,834, 10-16-56, Cl. 180-64.8.
- Boyer, Irvin F. Non-detachable closure cap for collapsible containers and the like. 2,754,036, 7-10-56, Cl. 222-548.
- Boyer, Jackson S., to Sun Oil Co. Porous solids and their preparation. 2,754,274, 7-10-56, Cl. 260-2.5.
- Boyer, Jackson S., to Sun Oil Co. Porous solids and their preparation. 2,754,275, 7-10-56, Cl. 260-2.5.
- Boyer, Louis L., and C. G. Hagensick, to Westinghouse Electric Corp. Rectifier protective apparatus. 2,757,330, 7-31-56, Cl. 321-14.
- Boyer, Morris H., to Danita Hosiers Mfg. Co., Inc. Mechanism for automatically adjusting knitting machines to knit stockings of different sizes. 2,744,400, 5-8-56, Cl. 66-135.
- Boyer, Ralph K., to The Dill Mfg. Co. Tire puncture repair capsule. 2,759,635, 8-21-56, Cl. 222-92.
- Boyer, Ralph K., to The Dill Mfg. Co. Valve stem adapter. 2,759,647, 8-21-56, Cl. 226-20.8.
- Boyer, Raymond P.: *See—*
- Rubens, Louis C., and Boyer. 2,740,161.
- Boyer, Robert A., to Swift & Co. Method of manufacturing a high protein food product and the resulting product. 2,730,447, 1-10-56, Cl. 99-14.
- Boyer, Robert A., and H. E. Saewert, to Swift & Co. Method of preparing imitation meat products (pH control). 2,730,448, 1-10-56, Cl. 99-14.
- Boyer, Robert Q., to the United States of America as represented by the United States Atomic Energy Commission. Electrolytic cells. 2,733,202, 1-31-56, Cl. 204-215.
- Boyer, Robert Q., to the United States of America as represented by the United States Atomic Energy Commission. Electrolytic cells. 2,743,228, 4-24-56, Cl. 204-215.
- Boyer, Robert Q., to the United States of America as represented by the United States Atomic Energy Commission. Heat exchangers. 2,768,813, 10-30-56, Cl. 257-224.
- Boyer, Robert Q., to the United States of America as represented by the United States Atomic Energy Commission. Processes for the recovery and purification of uranium. 2,774,339, 11-20-56, Cl. 29-14.5.
- Boyer, Robert Q., to the United States of America as represented by the United States Atomic Energy Commission. Filtering apparatus. 2,771,999, 11-27-56, Cl. 210-113.
- Boyer, Robert Q., to the United States of America as represented by the United States Atomic Energy Commission. Continuous electrolytic process for reducing uranium in solution. 2,775,552, 12-25-56, Cl. 204-124.
- Boyer, Robert Q., and S. B. Kilner, to the United States of America as represented by the United States Atomic Energy Commission. Electrolytic process of salvaging uranium. 2,773,820, 12-11-56, Cl. 204-124.
- Boyer, Robert Q., and S. B. Kilner, to the United States of America as represented by the United States Atomic Energy Commission. Electrolytic cells. 2,773,824, 12-11-56, Cl. 204-124.
- Boyer, William P., to Virginia-Carolina Chemical Corp. Method of controlling nematodes in the soil. 2,761,806, 9-4-56, Cl. 167-30.
- Boyer, Yvon A.: *See—*
- Petrollet, Jean G., and Boyer. 2,764,029.
- Boyes, John T. Apparatus for steaming, stretching, and drying woven fabric and the like. 2,759,273, 8-21-56, Cl. 34-151.
- Boyes, John T. Conditioning apparatus for woven fabric and the like. 2,775,020, 12-25-56, Cl. 26-68.
- Boykin, Howard D., Jr. Metal panel repair tool. 2,749,795, 6-12-56, Cl. 81-15.
- Boylan, Wendell E., to Clark Equipment Co. Hand truck slide assembly. 2,758,890, 8-14-56, Cl. 308-3.
- Boylan, Wendell E., and G. L. Turner, to Clark Equipment Co. Hand lift truck. 2,734,752, 2-14-56, Cl. 280-24.
- Boyle, E., and T. H. Boyle, to Dobbie McInnes Ltd. Electrical viscometer. 2,759,355, 8-21-56, Cl. 73-59.
- Boyle, Charles M. Vernier centering gauge. 2,736,969, 3-6-56, Cl. 33-189.
- Boyle, Edward B., Jr., to United States of America as represented by the Secretary of the Navy. Dive-bombing break-away computer. 2,738,878, 2-28-56, Cl. 340-27.
- Boyle, Farnham F., to Ritepoint Pen and Pencil Co. Ink reservoir for ball point pen. 2,730,993, 1-17-56, Cl. 120-42.4.
- Boyle, James F., to The Garrett Corp. Inflatable escape chute assembly. 2,767,131, 10-2-56, Cl. 244-137.
- Boyle, James F., and M. L. Taylor, to The Garrett Corp. Inflatable life raft. 2,764,766, 10-2-56, Cl. 9-11.
- Boyle, James M.: *See—*
- Kirshenbaum, Abraham D., and Boyle. 2,756,249.
- Mullen, Leo V., Jr., and Boyle. 2,734,869.
- Boyle, John R., and J. R. Boyle, Jr. Self-contained heating, cooling, and ventilating system. 2,773,876, 12-11-56, Cl. 257-9.
- Boyle, John R., Jr.: *See—*
- Boyle, John R., and J. R. Boyle, Jr. 2,773,876.
- Boyle, John R., and J. R. Boyle, Jr.: *See—*
- Reinhardt, Herman E., Jr. 2,762,537.
- Boyle, Ralph C.: *See—*
- Ferguson, Henry A., Boyle, and Ziskal. 2,743,789.
- Boyle, Russell I.: *See—*
- McNeill, Eric, and Boyle. 2,759,873.
- Boyle, William C.: *See—*
- Bratton, Robert A., Boyle, and Campbell. 2,735,450.
- Boyles, Alonzo G. Kiln and ceiling structure therefor. 2,736,278, 2-28-56, Cl. 110-99.
- Boyles, Robert L., to General Electric Co. Calendar mechanism. 2,757,507, 8-7-56, Cl. 58-5.
- Boynton, Harry G.: *See—*
- Horeczy, Joseph T., and Boynton. 2,761,888.
- Boynton, Orville W.: *See—*
- Vegors, Lester S., and S. H., and Boynton. 2,732,616.
- Boynton, Thomas E., and W. G. Turnbull, to Porter, Spiers & Co. Net making machines. 2,745,309, 5-15-56, Cl. 87-53.
- Boys, Thomas R., and J. E. Martin, to Standard Telephones and Cables Ltd., and Marconi's Wireless Telegraph Co. Ltd. Slot aerials. 2,762,044, 9-4-56, Cl. 343-767.
- Boysen, Albert P., Jr.: *See—*
- Aikens, Andrew J., Botsford, Boysen, Dietze, Goodale, and Inglis. 2,732,436.
- Boytime, John E., and H. A. Jonard, to The Goodyear Tire & Rubber Co. Electrical pressure cell transducer. 2,747,408, 5-29-56, Cl. 73-398.
- Bozeman, John W.: *See—*
- Libman, Earl E., Fialkow, Bozeman, and Gerst. 2,762,565.
- Bozza, Joseph D., to Jo-An Shoe Mfg. Co., Inc. Method for securing together moccasin vamps and plugs. 2,774,087, 12-18-56, Cl. 12-142.
- Braasch, J. J., to Hartford National Bank and Trust Co., as trustee. Audio-noise responsive squelch circuit. 2,756,328, 7-24-56, Cl. 250-20.
- Braak, Dirk J., L. F. Liera, and C. Romeijn, to Hartford National Bank and Trust Co. Radio communication system. 2,773,176, 12-4-56, Cl. 250-20.
- Braaten, Edwin H. Pipe joint sealer. 2,763,910, 9-25-56, Cl. 25-127.
- Braatz, Clarence W., to Durant Mfg. Co. Printing counter. 2,730,425, 1-10-56, Cl. 346-98.
- Braatz, Clarence W., to Durant Mfg. Co. Predetermining counters. 2,764,550, 9-25-56, Cl. 285-132.
- Brabander, Herbert J.: *See—*
- Bach, Frederick L., Jr., Brabander, and Kushner. 2,756,231.
- Brabets, Robert I., R. J. Hlavacek, and E. Fritz, to Swift & Co. Sperm oil fractionation. 2,730,538, 1-10-56, Cl. 260-409.
- Braccio, Louis. Envelopes. 2,742,222, 4-17-56, Cl. 220-68.
- Brace, Donald F.: *See—*
- Williams, Arthur L., and Brace. 2,771,046.
- Brace, George A., to The Hoover Co. Wheel adjustment for suction cleaners. 2,730,751, 1-17-56, Cl. 15-333.

- Brace, George A., to The Hoover Co. Suction cleaner having wheel adjustment and handle lock. 2,734,216, 1-14-56, Cl. 15—333.
- Brace, George A., to The Hoover Co. Suction cleaner wheel adjustments. 2,734,217, 2-14-56, Cl. 15—339.
- Brace, George A., to The Hoover Co. Automatic iron rest. 2,734,294, 2-14-56, Cl. 38—79.
- Brace, George A., to The Hoover Co. Suction cleaner with agitator disconnect. 2,740,982, 4-10-56, Cl. 15—332.
- Brace, George A., to The Hoover Co. Electric iron. 2,749,632, 6-12-56, Cl. 38—77.
- Brace, George A., to The Hoover Co. Suction cleaners. 2,755,883, 7-24-56, Cl. 183—37.
- Brace, George A., to The Hoover Co. Suction cleaner and converter facility therefor. 2,758,329, 8-14-56, Cl. 15—333.
- Brace, George A., to The Hoover Co. Suction cleaners. 2,758,667, 8-14-56, Cl. 183—37.
- Brace, George A., to The Hoover Co. Suction cleaners. 2,758,668, 8-14-56, Cl. 183—37.
- Brace, George A., to The Hoover Co. Suction cleaner filter mounting means. 2,758,669, 8-14-56, Cl. 183—37.
- Brace, George A., to The Hoover Co. Adjustable nozzle suction cleaners. 2,763,887, 9-25-56, Cl. 15—361.
- Brace, George A., to The Hoover Co. Self-lifting sadirons. 2,770,059, 11-13-56, Cl. 38—79.
- Brace, Neal O., to E. I. du Pont de Nemours and Co. Dialkyl polyvinyl phosphate flame-retardants. 2,733,229, 1-31-56, Cl. 260—73.
- Brace, Porter J.: *See—*  
Hull, Frederick C., Brace, Comenetz, and Cochardt. 2,743,199.
- Brace, Porter H., to the United States of America as represented by the Secretary of the Navy. Heat treating apparatus. 2,747,066, 5-22-56, Cl. 219—10,43.
- Brace, Robert W., to International Harvester Co. Refrigerator illuminating device. 2,735,927, 2-21-56, Cl. 240—4.
- Brach, E. J., & Sons.: *See—*  
Golob, Victor F. 2,765,971.
- Bracke, Robert F., to Mall Tool Co. Carburetor. 2,774,582, 12-18-56, Cl. 281—41.
- Brackin, Carey W., to Standard Oil Co. Conversion and catalyst stripping systems. 2,758,066, 8-7-56, Cl. 196—52.
- Brackx, Laurent H. J., to H. T. Jeandron. Means for mooring and refueling boats, seaplanes, and the like. 2,771,617, 11-27-56, Cl. 28—8.
- Bracqioner, Frederic F. A., and R. Arnould, to Societe Belge de l'Azote et des Produits Chimiques du Marly. Process for the esterification of higher fatty acids. 2,759,955, 8-21-56, Cl. 260—410,9.
- Bracy, Sylvanus B., P. M. Levy, and R. L. Sarlo, to the United States of America as represented by the Secretary of the Army. Facsimile recorder computer. 2,775,756, 12-25-56, Cl. 343—11.
- Bradburd, Ervin M., R. S. Alter, and T. M. Maxwell, Jr., to International Telephone and Telegraph Corp. Ultrahigh frequency filter. 2,767,017, 9-4-56, Cl. 333—9.
- Bradbury, Frederick J.: *See—*  
Mott, Frederick M., and Bradbury. 2,742,987.
- Bradbury, Hollis D., to Radio Corp. of America. Sound recording system. 2,733,301, 1-31-56, Cl. 179—100,2.
- Braddon, Frederick D., to Sperry Rand Corp. Gyroscopic instrument. 2,729,101, 7-1-56, Cl. 71—5,3.
- Braddon, Frederick D., and F. West, Jr., to Sperry Rand Corp. Stabilized radar pilot. 2,742,637, 4-17-56, Cl. 343—5.
- Braden, Glen F.: *See—*  
Dye, John M., Knudsen, and Braden. 2,770,179.
- Bradenthaler, Anthony.: *See—*  
Gyllenberg, John L. 2,771,922.
- Bradfield, Charles B.: *See—*  
Bassett, Cecil E., and Bradfield. 2,770,374.
- Bradfield, Paul D. Metal expansion and contraction material and method and apparatus for forming the same. 2,753,918, 7-10-56, Cl. 12—76.
- Bradford Dyers' Association Ltd.: *See—*  
Cockett, Sydney R., Evans, and Landells. 2,774,690.
- Bradford, James H.,  $\frac{1}{2}$  to Combined Metals Reduction Co. Material mixing burner for processing furnaces. 2,746,735, 6-12-56, Cl. 242—21.
- Bradford, Purdy, to Swift & Co. Method of making dustless soap powder. 2,730,507, 1-10-56, Cl. 252—369.
- Bradford, Purdy, to Swift & Co. Soap manufacture. 2,730,539, 1-10-56, Cl. 260—417.
- Bradford, Purdy, and C. S. Steiner, to Swift & Co. Shielded spray nozzle. 2,730,170, 1-10-56, Cl. 158—2.
- Bradley, Addison B., Jr., to Birtman Electric Co. Ventilating apparatus for a motor. 2,763,795, 9-18-56, Cl. 310—62.
- Bradley Associates, Inc.: *See—*  
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- Bradley and Co. Ltd.: *See—*  
Hood, Robert T. 2,737,739.
- Hood, Robert T. 2,772,493.
- Bradley, Charles E., Jr., to R. T. Vanderbilt Co., Inc. Process. 2,765,327, 10-2-56, Cl. 260—429.
- Bradley Container Corp.: *See—*  
Frahrl, Frederick A., Jr. 8,753,088.
- Bradley, Dan T.: *See—*  
Thury, Leon B., and Bradley. 2,774,620.
- Bradley, Earl H. Breech block controlling mechanism for a retarded blow back gun. 2,765,710, 10-9-56, Cl. 89—195.
- Bradley, George G., and R. G. Berge, to Radio Corp. of America. Auto alarm systems. 2,761,060, 8-28-56, Cl. 250—20.
- Bradley, George S. Concealed hinge for doors and the like. 2,767,425, 10-23-56, Cl. 16—178.
- Bradley & Gilbert Co., The: *See—*  
Bolding, Hubert V. 2,732,122.  
Bolding, Hubert V. 2,732,123.  
Bolding, Hubert V. 2,764,337.
- Bolding, Hubert V., and Gowers. 2,774,530.
- Bradley, Harold, to The Bradley Rotor Traverse Co., Inc. Apparatus for traversing draperies and the like. 2,741,923, 4-17-56, Cl. 74—25.
- Bradley, Harris W., to E. I. du Pont de Nemours and Co. Purifying pentachlororophenol. 2,737,529, 3-6-56, Cl. 260—609.
- Bradley, Harris W., and M. F. Fuller, to E. I. du Pont de Nemours and Co. N-nitroso-n-alkyl amides of aromatic dicarboxylic acids. 2,754,326, 7-10-56, Cl. 260—558.
- Bradley, James F., and R. R. Dohrmann, to General Motors Corp. Investment molding. 2,752,257, 6-26-57, Cl. 106—38,22.
- Bradley, Milton, Co.: *See—*  
Shea, James J., Sr. 2,732,218.
- Bradley, Robert O., to Toledo Scale Co. Dynamic classifier with gate selecting device. 2,759,603, 8-21-56, Cl. 208—121.
- Bradley, Robert O., and F. C. Carroll, to Toledo Scale Co. Printing weighing scale. 2,746,384, 5-22-56, Cl. 101—93.
- Bradley, Robert O., C. S. Simonds, and C. H. Jacobs, to Toledo Scale Co. Temperature compensated servo coils. 2,772,353, 11-27-56, Cl. 318—47.
- Bradley, Robert W., to United Shoe Machinery Corp. Devices for finding protruding metal objects in shoes. 2,772,394, 11-27-56, Cl. 324—61.
- Bradley Rotor Traverse Co., Inc., The: *See—*  
Bradley, Harold. 2,741,923.
- Bradley, Schuyler L.: *See—*  
Brunner, Harry C., and Bradley. 2,748,340.
- Bradley, Stephen D., to Spring Cover Mfg. Co., Inc. Combined liner and protector for leaf springs. 2,735,672, 2-21-56, Cl. 267—49.
- Bradley, Stephen D., to Detroit Macoid Corp. Sewing welt and trim strip. 2,750,710, 6-19-56, Cl. 45—138.
- Bradley, Stephen D., to Detroit Macoid Corp. Glass weather strip. 2,761,536, 9-4-56, Cl. 189—78.
- Bradley, Theodore F., to Shell Development Co. Alkyl resins modified with substituted carboxylic acids, and compositions containing the same. 2,734,876, 2-14-56, Cl. 260—16.
- Bradley, Theodore F., and R. W. H. Tess, to Shell Development Co. Polyhydric alcohol esters of rosin and a tert-alkyl benzoate acid and cellulose compounds containing them. 2,736,664, 2-28-56, Cl. 106—173.
- Bradley, Theodore F., and A. C. Mueller, to Shell Development Co. Triglycidyl cyanurate and polymers thereof. 2,741,607, 4-10-56, Cl. 260—248.
- Bradley, Walter A. R. Turning bolt lever action rifle. 2,761,234, 9-4-56, Cl. 42—16.
- Bradley, Walter A. R. Power driven boat trailer. 2,761,690, 9-4-56, Cl. 18—8.
- Bradley Washfontain Co.: *See—*  
Mullett, Howard G. 2,766,074.
- Bradley, William E., to Philco Corp. Cathode ray tube gun structure. 2,735,032, 2-14-56, Cl. 313—82.
- Bradley, William E., to Philco Corp. Gyromagnetic integrator circuit. 2,764,676, 9-25-56, Cl. 250—27.
- Bradley, William E., and D. E. Sunstein, to Philco Corp. Photocell indexing system. 2,749,449, 6-5-56, Cl. 250—217.
- Bradley, William E., and M. Sadowsky, to Philco Corp. Screen structure for cathode ray tubes. 2,768,318, 10-23-56, Cl. 313—68.
- Bradley, William T. Record holder. 2,773,727, 12-11-56, Cl. 312—10.
- Bradmiller, Richard W.: *See—*  
Bopp, Calvin C., and Bradmillers. 2,770,731.
- Bradner, Mead, to The Foxboro Co. Industrial multi-record system. 2,743,986, 5-1-56, Cl. 346—46.
- Bradnev, Clifford H.: *See—*  
Halpern, Alfred, and Bradnev. 2,744,851.
- Bradshaw, John A. Textile machine. 2,758,439, 8-14-56, Cl. 37—136.
- Bradshaw, John A., to J. P. Stevens & Co., Inc. Timing system for producing slub yarn. 2,763,819, 9-18-56, Cl. 317—135.
- Bradshaw, Russell R. Ornamental bell construction. 2,749,637, 6-12-56, Cl. 41—10.
- Bradshaw, Thomas E., to Self-Adjusting grain gate construction. 2,746,656, 5-22-56, Cl. 222—561.
- Bradshaw, William H., to Celanese Corp. of America. Wet spinning apparatus. 2,731,667, 1-24-56, Cl. 18—8.
- Bradshaw, William H., and R. O. Denyes, to Celanese Corp. of America. Spinning of filamentary materials. 2,732,586, 1-31-56, Cl. 18—8.
- Bradstock, Robert B., and W. R. Hickin, to General Electric Co. Snap switch. 2,751,451, 6-19-56, Cl. 200—70.
- Bradstreet, Samuel W., and J. S. Griffith, to Armour Research Foundation of Illinois Institute of Technology. Spraying process. 2,763,569, 9-18-56, Cl. 117—47.
- Bradwell, Cyril, to Bethlehem Steel Co. Method of increasing sinter rate. 2,767,074, 10-16-56, Cl. 75—5.
- Brady, Charles V.: *See—*  
Williams, Russell J., and Brady. 2,773,636.
- Brady, Charles V., to Bemis Bro. Bag Co. Bag. 2,745,593, 5-15-56, Cl. 229—54.
- Brady, Charles V., to Bemis Bro. Bag Co. Bag. 2,751,140, 6-19-56, Cl. 229—55.



- Brady, Charles V., and R. J. Williams, to Bemis Bro. Bag Co. Bag. 2,729,387, 1-3-56, Cl. 229-62.5.
- Brady, Edward F., to Eastman Oil Well Survey Co. Core taking and orienting method. 2,735,652, 2-21-56, Cl. 255-791.
- Brady, Elliot W.: See—
- Sockman, Loy W., and Brady. 2,764,556.
- Brady, Elmer L. Display method and apparatus. 2,753,052, 7-3-56, Cl. 211-1-6.
- Brady, Francis E., Jr. Air control unit. 2,744,543, 5-8-56, Cl. 137-791.
- Brady, George W., to Curtiss-Wright Corp. Spinner seal. 2,742,096, 4-17-56, Cl. 170-160.23.
- Brady, Hilda J. Baby bib. 2,738,511, 3-20-56, Cl. 2-49.
- Brady, James M., to the United States of America as represented by the Secretary of the Army. Vaporizing liquid meter system. 2,740,293, 4-3-56, Cl. 73-171.
- Brady, James M., to the United States of America as represented by the Secretary of the Army. Indicating instrument. 2,753,715, 7-10-56, Cl. 73-363.
- Brady, Joseph L.: See—
- Wright, Delano, and Brady. 2,760,661.
- Brady, Joseph L., to Clark Equipment Co. Industrial truck rotary holder attachment. 2,753,065, 7-3-56, Cl. 214-652.
- Brady, Joseph L., to Clark Equipment Co. Load stabilizer for lift trucks. 2,772,800, 12-1-56, Cl. 214-654.
- Brady, Joseph L., and J. W. Withington, to Boeing Airplane Co. Airplane wings. 2,749,060, 6-5-56, Cl. 244-44.
- Brady, Lawrence P., and F. B. Carbone. Portable air conditioning unit. 2,760,354, 8-28-56, Cl. 62-129.
- Brady, Merle C., to General Dynamics Corp. Pressure gauge. 2,729,730, 1-3-56, Cl. 201-453.
- Brady, Philip. Clip. 2,774,124, 12-18-56, Cl. 24-66.
- Brady, Samuel G., to The Gear Grinding Machine Co. Adjustable pattern for trimming mechanisms. 2,733,701, 2-7-56, Cl. 125-11.
- Brady, Samuel G., to The Gear Grinding Machine Co. Liquid cooled wheel. 2,743,229, 5-15-56, Cl. 51-267.
- Brady, Samuel G., to The Gear Grinding Machine Co. Method and apparatus for grinding inner side faces of channel members. 2,750,718, 6-19-56, Cl. 51-281.
- Brady, Samuel G., and I. M. Rudnicki, to The Gear Grinding Machine Co. Form grinding machine. 2,755,599, 7-24-56, Cl. 51-34.
- Brady, Thomas. Label holder for filing cabinet drawers. 2,748,513, 6-5-56, Cl. 40-8.
- Braendel, Helmut G., to Wilkening Mfg. Co. Composite piston ring. 2,771,329, 11-20-56, Cl. 309-45.
- Braendle, Harold A., to Columbian Carbon Co. Manufacture of carbon black. 2,735,755, 9-21-56, Cl. 23-209.4.
- Braendle, Harold A., to Columbian Carbon Co. Method of compounding carbon black and rubber. 2,769,795, 11-6-56, Cl. 260-41.5.
- Braendle, Richard O., to E. I. du Pont de Nemours and Co. Method of lubricating composition modified with hydrogen-bonding donor compound and process of making. 2,746,922, 5-22-56, Cl. 252-28.
- Braendle, Richard O., to E. I. du Pont de Nemours and Co. Rubbers with methoxy containing silica fillers. 2,751,366, 6-19-56, Cl. 260-37.
- Braet, John O.: See—
- Sorensen, Knud B., and Braet. 2,746,770.
- Braeuinger, Karl F., to the United States of America as represented by the Secretary of the Air Force. Blank and method for making integrally stiffened aircraft skin. 2,742,692, 4-24-56, Cl. 24-548.
- Brafford, Donald A.: See—
- Schaefer, William E., Batts, and Brafford. 2,749,323.
- Braga, Armand. Hair curl clip. 2,764,987, 10-2-56, Cl. 132-50.
- Bragdon, Robert W.: See—
- Banus, Mario D., and Bragdon. 2,741,539.
- Banus, Mario D., Gibb, and Bragdon. 2,738,369.
- Bragdon, Robert W., to Metal Hydrides Inc. Method for preparing quaternary ammonium borohydrides. 2,756,259, 7-24-56, Cl. 260-567.6.
- Bragdon, Robert W., and M. D. Banus, to Metal Hydrides Inc. Method for preparing borohydrides of potassium, rubidium, and cesium. 2,741,540, 4-10-56, Cl. 23-14.
- Bragg, William E. Mounting means for flush receptacles. 2,767,945, 10-23-56, Cl. 248-27.
- Braham, Frank G., to Mergenthaler Linotype Co. Method for making multicolor television apparatus and process of producing same. 2,750,524, 6-12-56, Cl. 313-86.
- Brahm, Charles B., to United Aircraft Corp. Safety circuit for generator unit of the jet fuel control. 2,771,742, 11-27-56, Cl. 60-39.09.
- Braibanti, Giuseppe: See—
- Braibanti, Mario G. 2,730,050.
- Braibanti, Mario G. Cutting and removing device for bunches of dough strings. 2,730,050, 10-10-56, Cl. 107-7.
- Brailsford, Harrison D. Transistor commutated direct current motor. 2,753,501, 7-3-56, Cl. 313-254.
- Brailsford, Harrison D., to American District Telegraph Co. Fire detector. 2,759,174, 8-14-56, Cl. 340-237.
- Brailsford, Harrison D. Relative humidity indicating and recording apparatus. 2,769,339, 11-6-56, Cl. 73-335.
- Brailsford, Harrison D. Oscillating commutatorless direct current motor. 2,769,946, 11-6-56, Cl. 318-128.
- Brainard, Maurice W.,  $\frac{1}{2}$  to O'Keefe & Merritt Co. Construction for machines such as engines or the like. 2,734,487, 2-14-56, Cl. 121-194.
- Brainard, Maurice W.,  $\frac{1}{2}$  to O'Keefe & Merritt Co. Electrical generator. 2,735,030, 2-14-56, Cl. 310-261.
- Brainard, Maurice W., to O'Keefe & Merritt Co. Dry plate type rectifier. 2,740,924, 4-2-56, Cl. 317-234.
- Brainard, Maurice W.,  $\frac{1}{2}$  to Ruckstell Corp. Rotor construction and method of magnetizing the same. 2,754,440, 7-10-56, Cl. 310-156.
- Brainerd, Harold W., Jr., to Stanolind Oil and Gas Co. Composition for hydraulically fracturing formations. 2,742,426, 4-17-56, Cl. 252-8.55.
- Brainerd, Harold W., Jr., to Stanolind Oil and Gas Co. Composition for acidizing wells. 2,751,348, 6-19-56, Cl. 252-8.55.
- Braithwaite, Isaac, & Son Engineers Ltd.: See—
- Howlett, Edward J. 2,730,887.
- Braithwaite, Isaac, and E. Bauerle, to Gebrüder Junghans A. G. Time-switch. 2,758,165, 8-7-56, Cl. 200-35.
- Brake, Edgar R., to The Jeffrey Mfg. Co. Crusher housing. 2,756,002, 7-24-56, Cl. 241-285.
- Brakel, Arie, and N. Healey, to Shell Development Co. Method of temporarily closing portion of well and composition therefor. 2,772,739, 12-4-56, Cl. 166-22.
- Brakeley, Paul W., Jr.: See—
- Schneider, Helmut G., and Brakeley. 2,775,577.
- Brakhage, William F.,  $\frac{1}{2}$  to R. L. McMurry. Loading device. 2,768,730, 10-30-56, Cl. 198-118.
- Brakhage, William F., and R. L. McMurry. Thermal pack for body application. 2,749,914, 6-12-56, Cl. 128-402.
- Braman, Dan H.: See—
- Black, Kermit K., and Hunt. 2,742,609.
- Brambani, David W.: See—
- Section, Robert M., and Brambani. 2,743,102.
- Bramble, Lloyd F., to Gulf States Asphalt Co., Inc. Asphalt lining. 2,771,745, 11-27-56, Cl. 61-7.
- Brame, Sam S. Guide yoke. 2,736,616, 2-28-56, Cl. 308-6.
- Bramel, Hadley R. Separating apparatus. 2,746,602, 5-22-56, Cl. 209-132.
- Bramh, Maurice W., and W. N. Kennitz, to General Electric Co. Suction cleaner and disposable dust bag therefor. 2,771,152, 11-20-56, Cl. 183-37.
- Bramhall, James J., Jr., and R. T. Scott, to American Viscose Corp. Fabric spreader. 2,747,250, 5-29-56, Cl. 26-54.
- Brammer Mfg. Co.: See—
- Hansell, Fred B., and Edens. 2,758,904.
- Brammer, Allen A., to General Electric Co. Multispeed induction motor. 2,774,024, 12-11-56, Cl. 318-224.
- Bramming, Carl, to Aladdin Industries, Inc. Filtering fuel nozzle for pressure stoves and lanterns. 2,731,299, 1-17-56, Cl. 199-107.
- Bramming, Carl, to Aladdin Industries, Inc. Chimney support and chimney for incandescent burner. 2,734,999, 2-14-56, Cl. 240-99.
- Bramming, Carl, to Aladdin Industries, Inc. Pouring stopper for pressure stoves. 2,735,566, 9-21-56, Cl. 215-77.
- Bramming, Carl, to Aladdin Industries, Inc. Portable stove with collapsible casing. 2,742,033, 4-17-56, Cl. 126-38.
- Bramming, Carl, to Aladdin Industries, Inc. Simplified vacuum bottle unit. 2,742,169, 4-17-56, Cl. 215-13.
- Bramming, Carl, to Aladdin Industries, Inc. Closure for wide mouth containers. 2,742,170, 4-17-56, Cl. 215-13.
- Bramming, Carl, to Aladdin Industries, Inc. Positive control valve for gasoline lantern. 2,743,598, 5-1-56, Cl. 67-41.
- Bramming, Carl, to Aladdin Industries, Inc. Fuel burner valve and cleaner construction. 2,743,770, 5-1-56, Cl. 158-120.
- Bramming, Carl, to Aladdin Industries, Inc. Mantle mounting. 2,745,272, 5-15-56, Cl. 67-38.
- Bramming, Carl, to Aladdin Industries, Inc. Flexible bottle closure. 2,746,652, 5-22-56, Cl. 215-52.
- Bramming, Carl, to Aladdin Industries, Inc. Baffle ring for kerosene burner. 2,749,732, 6-12-56, Cl. 67-38.
- Bramming, Carl, to Aladdin Industries, Inc. Vacuum bottle with removable bottom. 2,756,889, 7-31-56, Cl. 215-13.
- Bramson, Otto P. Tailpiece for string instrument. 2,743,643, 5-1-56, Cl. 302.
- Bramwyche, Peter L.: See—
- Armstrong, Godfrey P., Bellringer, Bewley, Bramwyche, Jackson, and Wilkins. 2,750,426.
- Armstrong, Godfrey P., Bewley, Jackson, Bellringer, Bramwyche, and Wilkins. 2,750,424.
- Brancaea, Silvere. Expanding hair curling rod. 2,753,874, 7-10-56, Cl. 132-42.
- Brancaea, Silvere. Cold permanent wave rod. 2,758,605, 8-14-56, Cl. 132-41.
- Branchflower, Lyle E. Ice making machine and the art thereof. 2,735,275, 2-21-56, Cl. 107-10.
- Branchflower, Lyle E. Apparatus for storing and dispensing ice in particle form. 2,735,591, 2-21-56, Cl. 222-405.
- Brand, David, and M. Broedy: said Broedy assignor to said Brand. Child's feeding table and chair assembly. 2,746,524, 5-22-56, Cl. 155-123.
- Brand, Martin L., to Arterraft Venetian Blind Mfg. Co. Window cornice. 2,739,644, 3-27-56, Cl. 160-39.
- Brand, Rafael H.: See—
- Meyer, Wolfgang E., and Brand. 2,735,413.
- Brandau, Harvey M., and E. K. Kooser. Process for weather control. 2,756,097, 7-24-56, Cl. 299-28.
- Brandau, Paul, to Union Broach Co. Dental protheses, jaw-splints and jacket-crowns. 2,755,552, 7-24-56, Cl. 32-2.

- Brandberg, William S.: See—  
Shively, Edward H., and Brandberg. 2,744,249.
- Brandberg, Charles W. Weed controller and mulching appliance. 2,767,634, 10-23-56, Cl. 97-129.
- Brandenberger, Ernest: See—  
Rand, Kenneth R., and Brandenberger. 2,773,583.
- Brandenburg, Charlotte. Bath brush. 2,770,827, 11-20-56, Cl. 15-128.
- Brandenburg, Gunther: See—  
Doll, Franz, and Brandenburg. 2,753,200.
- Brandenthal, Anthony: See—  
Gyllenberg, John L. 2,735,174.  
Gyllenberg, John L. 2,742,988.
- Brandes, Frank A. Stamping press. 2,766,710, 10-16-56, Cl. 113-35.
- Brandes, Oliver L., and E. L. Humphrey, to Gulf Research & Development Co. Chemical compounds, methods of making same and lubricants containing the chemical compounds. 2,731,416, 1-17-56, Cl. 252-37.7.
- Brandes, Oliver L., and E. L. Humphrey, to Gulf Research & Development Co. Condensation product of naphthalene acid and phenols and methods of making same. 2,731,491, 1-17-56, Cl. 260-468.
- Brandes, Roy H., R. C. Hamilton, and R. E. Moore, to General Motors Corp. Electrically controlled, fluid pressure operated remote positioner. 2,766,731, 10-16-56, Cl. 121-41.
- Brandes, Wilhelm, and R. Doring, to Voigtlander A. G. Means for fastening exchangeable objectives to photographic devices. 2,756,633, 7-31-56, Cl. 88-87.
- Brandestini, Antonio: See—  
Birkenmaier, Max, Brandestini, Roß, and Vogt. 2,728,978.
- Brandhorst, Filip. Articulators used in the production of denture prosthesis. 2,731,723, 1-24-56, Cl. 32-32.
- Brandl, Ernst, and H. Margreiter, to Biochemie, Gesellschaft m. b. H. Acid-stable penicillins. 2,756,226, 7-24-56, Cl. 260-239.1.
- Brandner, Morris D. Reversible connection for electric irons. 2,745,938, 5-15-56, Cl. 19-25.
- Brandner, John D., and R. H. Hunter, to Atlas Powder Co. Nitrocellulose coating compositions. 2,729,571, 1-3-56, Cl. 106-173.
- Brandon, Arthur H. Tubing tester. 2,766,533, 10-16-56, Cl. 33-178.
- Brandon, Chester, to Librascope, Inc. Sine-cosine mechanism. 2,754,687, 7-17-56, Cl. 74-52.
- Brandon, Clarence W., 15% to H. B. Jacobson, and 42½% to N. A. Hardin, H. H. Wright, and C. H. Newton. Apparatus for the storage of volatile liquids. 2,732,687, 1-31-56, Cl. 62-1.
- Brandon, Thomas O., to A. G. Spalding & Bros. Inc. Machine for shaping golf club heads. 2,767,749, 10-23-56, Cl. 144-134.
- Brandon, Thomas O., to A. G. Spalding & Bros., Inc. Light-weight grip. 2,772,090, 11-27-56, Cl. 273-81.
- Brandon, Will R.: See—  
Kechely, Lee E., and Brandon. 2,769,245.
- Brandstetter, Hugo E., and V. R. Beyer, to Alto Mfg. Co. T members for suspended ceilings. 2,767,815, 10-23-56, Cl. 189-85.
- Brandt Automatic Cashier Co.: See—  
Jorgensen, Julius, and Buchholz. 2,743,563.
- Brandt, Carl D.: See—  
Dudley, John S., and Brandt. 2,740,996.
- Brandt, Carl D., and J. S. Dudley, to Whitin Machine Works. Apparatus for drafting textile fibers. 2,766,486, 10-16-56, Cl. 19-130.
- Brandt, Carl L. W., and R. T. Florence, to A. B. Dick Co. Stencil sheet assembly and cushion sheets for use in same. 2,732,795, 1-31-56, Cl. 101-128.2.
- Brandt, Carl T., to Phillips Petroleum Co. Apparatus for control of rock location in the formation of underground caverns by solution mining. 2,772,868, 12-4-56, Cl. 262-3.
- Brandt, Edgar W., to Anstalt für die Entwicklung von Erfindungen und Gewerblichen Anwendungen Energa. Protector screen device for rocket launchers. 2,734,425, 2-14-56, Cl. 59-36.
- Brandt, Edgar W., to Anstalt für die Entwicklung von Erfindungen und gewerblichen Anwendungen Energa. Projectile equipped with a safety device. 2,737,888, 3-13-56, Cl. 102-56.
- Brandt, Edgar W., to Anstalt für die Entwicklung von Erfindungen und gewerblichen Anwendungen Energa. Powder reactor including a perforated conical grid. 2,759,326, 8-21-56, Cl. 60-35.6.
- Brandt, Edgar W., to Societe Anonyme Belge de Mecanique et D'Armenterie. Rifle grenade. 2,772,635, 12-4-56, Cl. 62-65.2.
- Brandt, Fritz D. Easel. 2,744,712, 5-8-56, Cl. 248-166.
- Brandt, Fred H., to Prestressing, Inc. Hydraulic rod upsetting machine. 2,759,379, 8-21-56, Cl. 78-17.
- Brandt, Gustaf E., to Aktiebolaget Tudor. Electrode for galvanic cells. 2,747,007, 5-22-56, Cl. 136-14.
- Brandt, Herbert. Regenerative heat exchanger. 2,744,731, 5-8-56, Cl. 257-6.
- Brandt, Paul E., and E. J. De Ridder, to Reynolds Metals Co. Diving board. 2,747,871, 5-20-56, Cl. 272-66.
- Brandt, Paul H., to Murphy & Miller, Inc. Low temperature refrigeration system for cascade operation. 2,754,665, 7-17-56, Cl. 62-117.6.
- Brandt, Raymond W., to Gibbs Mfg. and Research Corp. Apparatus for testing timers or the like. 2,736,189, 2-28-56, Cl. 73-5.
- Brant, Robert W.: See—  
Campbell, Linden C., and Brant. 2,732,052.
- Brantlick, Robert A., and S. R. Smith, Jr., to General Electric Co. Circuit isolating device. 2,741,726, 4-10-56, Cl. 317-37.
- Branick, Charles E. Bumper jack. 2,740,607, 4-3-56, Cl. 254-93.
- Branick, Charles E. Pneumatic tire bead depressor. 2,755,847, 7-24-56, Cl. 157-1.
- Brannen, Cecil G.: See—  
Browning, George V., and Brannen. 2,771,422.
- Brannen, John: See—  
Thunaeas, Arvid, Brown, Smith, and Brannen. 2,738,253.
- Brannen, Lee D. Safety diaphragms for hydraulic brakes. 2,750,746, 6-19-56, Cl. 60-34.6.
- Brannen, Paul M., to Westinghouse Air Brake Co. Apparatus for coded signaling systems. 2,758,201, 8-7-56, Cl. 246-34.
- Branowski, Leslie B., to Bowser, Inc. Dispenser dial and sign illuminator. 2,770,711, 11-13-56, Cl. 240-2.1.
- Branstrator, Clem G., to E. F. Vilter Sales, Inc. Supporting assembly for outboard motors. 2,757,888, 8-7-56, Cl. 249-4.
- Brant, Arthur A.: See—  
Wait, James R., and Brant. 2,731,596.
- Wait, James R., Seigel, Collett, Bell, and Brant. 2,760,421.
- Brant, Arthur A., to Newmont Mining Corp. Method and apparatus for determining the azimuth and dip of sulphide deposits. 2,769,956, 11-6-56, Cl. 324-1.
- Brant, Arthur P., to The Borden Co. Evacuating, gassing, and sealing containers. 2,761,604, 9-4-56, Cl. 226-69.
- Brant, Gilbert W., deceased, by E. B. Hankovich, administratrix, to E. I. du Pont de Nemours & Co. Aqueous dispersion of vinylidene chloride polymers containing hydrogen peroxide as a corrosion inhibitor. 2,744,080, 5-1-56, Cl. 260-29.6.
- Brant, Joseph H., to Bates Mfg. Co. Composite filament and staple yarn. 2,745,240, 5-15-56, Cl. 57-140.
- Branthoover, Harold, to Donovan Steel Picking Co. Apparatus for unwinding coils. 2,746,511, 5-22-56, Cl. 153-54.
- Branton, Peter D.: See—  
Plank, Charles J., and Branton. 2,763,622.
- Brasch, Joseph F.: See—  
Sierker, Joseph A., and Brasch. 2,754,211.
- Braselmann, Ferdinand, to Firma Ferd. Braselmann. Lifting device. 2,731,842, 1-24-56, Cl. 74-141.5.
- Brasen, George N. Screw driver with screw holding jaws. 2,762,409, 11-11-56, Cl. 145-2.
- Brasler, Turner G., Jr., to American Brake Shoe Co. Welding apparatus. 2,767,302, 10-16-56, Cl. 219-130.
- Braski, Raymond J.: See—  
Malz, Nicholas, and Braski. 2,758,623.
- Brass, Edward A. Spring condition signal for a spring driven signaling box. 2,737,645, 3-1-56, Cl. 340-292.
- Brass, Edward A. Signalling equipment. 2,766,443, 10-9-56, Cl. 340-307.
- Brass, Warren A., to Douglas Aircraft Co., Inc. Wing tip mounted combustion heater. 2,760,740, 8-28-56, Cl. 244-134.
- Brasch, Jakob A., Fasciati, and A. Buehler, to Ciba Ltd. Dye stuffs of the anthraquinone series. 2,773,871, 12-11-56, Cl. 260-249.
- Brastad, William A., to General Mills, Inc. Slotted stair step electrostatic separator. 2,764,288, 9-25-56, Cl. 209-127.
- Braswell, James B., and F. L. Clement. Dumping mechanism for semitrailers. 2,775,489, 12-25-56, Cl. 298-19.
- Braswell, James W., Jr. Valve mechanism for flush tanks. 2,740,129, 4-3-56, Cl. 4-57.
- Bratby & Hinchliffe Ltd.: See—  
Clarke, Leslie. 2,743,947.
- Bratek, Benedict, 50% to B. R. Wendrow. Casting rod. 2,759,288, 8-21-56, Cl. 43-18.
- Bratfisch, Warren A., and P. H. Jones, to North American Aviation, Inc. Fluid filling system. 2,771,906, 11-27-56, Cl. 137-575.
- Braxwell, Albert E., to S K F Industries, Inc. Press fitting joint and means for making and separating the same. 2,764,437, 9-25-56, Cl. 287-52.
- Brattberg, Nils. Pressure-tight packing assembly for conductors passing through a wall. 2,732,226, 1-24-56, Cl. 288.
- Bratland, Daniel. Scaffold. 2,751,258, 6-19-56, Cl. 304-2.
- Bratton, David H.: See—  
Balint, Julius J., Bannasch, and Bratton. 2,775,479.
- Bratton, Richard A. Liquid gauge-line wiper. 2,762,075, 9-11-56, Cl. 15-210.
- Braswell, James B., and A. A. Didziulis, to International Harvester Co. Induction heating device and centering guide therefor. 2,757,267, 7-31-56, Cl. 219-10.73.
- Brauer, Frederick N., to Philco Corp. Pulse-oriented timing circuit. 2,729,742, 1-3-56, Cl. 250-27.
- Braun, Bernd: See—  
Braun, Emil and B. 2,747,228.
- Braun, Bernhard A., to Bronwill Scientific, Inc. Clinical cannular or tubule device. 2,737,951, 3-13-56, Cl. 128-221.
- Braun, Carl C., to Maiden Form Brassiere Co., Inc. Brassiere display and merchandising package. 2,732,937, 1-31-56, Cl. 206-78.
- Braun, Dieter, and K. Hacker, to Fortuna-Werke Spezialmaschinenfabrik A.-G. Machine for cutting sheet material. 2,769,329, 11-6-56, Cl. 69-9.5.
- Braun, Eberhard: See—  
Köster, Werner, and Braun. 2,767,086.



- Braun, Emil and B. to F. B. Braun. Production of collagen strands. 2,747,228, 5-29-56, Cl. 18-47.5.
- Braun, Fred J. to Jos. Schlitz Brewing Co. Slidably housed container opener. 2,763,876, 9-25-56, Cl. 7-14.25.
- Braun, Herbert D., to Toledo Scale Co. Band saw blade scrapers. 2,742,281, 4-10-56, Cl. 143-158.
- Braun Hober Corp. *See*—
- Hoch, John. 2,764,308.
- Braun, Karl J., to Sperry Rand Corp. Record sensing and selective punching means. 2,756,824, 7-31-56, Cl. 164-114.
- Braun, Otwin L., to Reliance Steel Products Co. Water cooled valve and lifting stem. 2,767,731, 10-23-56, Cl. 137-340.
- Braun, Philip N. Tape feeding, printing, and tag attaching machine. 2,742,828, 4-24-56, Cl. 93-88.
- Braun, Philip N. Tape feeding, printing, and tag attaching and severing machine. 2,748,676, 6-5-56, Cl. 93-88.
- Braun, Virgilus J., to Hughes Aircraft Co. Cover device. 2,731,972, 1-24-56, Cl. 135-5.
- Braunagel, Magnus V., to the United States of America as represented by the Secretary of the Navy. Nonlinear gain servo systems. 2,760,131, 8-21-56, Cl. 313-25.
- Braunagel, Magnus V., and R. L. Shelley. Anti-backlash power transmission. 2,745,298, 5-15-56, Cl. 74-798.
- Braunberger, Ray A. King pin lock for fifth wheels. 2,736,574, 2-28-56, Cl. 280-434.
- Braunberger, Ray A. Tractor-trailer load distribution adjusting air-wheel construction. 2,755,104, 7-17-56, Cl. 280-407.
- Braunneis, Frank J. Lathe attachment. 2,769,466, 11-6-56, Cl. 142-7.
- Brauner, William F. *See*—
- Anchoody, Frank W., and Brauner. 2,752,456.
- Braunschweigsche Maschinenbauanstalt A. G. *See*—
- Bonath, Richard, and Haberich. 2,760,888.
- Rothe, Walter. 2,744,338.
- Braunsdorf, Otto *See*—
- Besler, Edward, and Braunsdorf. 2,775,583.
- Braunstein, Raymond, Jr. *See*—
- Waber, Donald, and Braunstein. 2,754,030.
- Brautigam, Erwin L. *See*—
- Werkheiser, Dwight E., and Brautigam. 2,740,212.
- Brawand, Franklin M. Butt chain assembly with means for preventing accidental detachment thereof. 2,759,234, 8-21-56, Cl. 24-123.
- Brawn, James *See*—
- Gray, John, and Brawn. 2,757,348.
- Braxton, Ralph C., to Alamance Industries, Inc. Method and means for finishing presser edge of straight knitting machines. 2,758,459, 8-14-56, Cl. 66-82.
- Bray Chemical Co. *See*—
- Benbury, Lemuel S., and Connelly. 2,739,126.
- Roessler, Robert B. 2,739,982.
- Bray, Ellis E., to Socony Mobil Oil Co., Inc. Geochemical exploration method. 2,742,575, 4-17-56, Cl. 250-43.5.
- Bray, Ellis E., to Socony Mobil Oil Co., Inc. Method of geochemical prospecting. 2,773,991, 12-11-56, Cl. 250-83.6.
- Bray, Frederic L. Dip-rinsing device. 2,749,939, 6-12-56, Cl. 137-592.
- Bray, Frederick H., R. G. Knight, and G. C. Hartley, to International Storage and Electric Co. Electric discharge tube circuits. 2,774,820, 12-18-56, Cl. 179-18.
- Bray, Geo., and Co. Ltd. *See*—
- Hughes, Charles H. 2,751,137.
- Bray, Herschel V., and W. J. Boschi, Jr., to Highland Box Co. Box machine. 2,772,609, 12-4-56, Cl. 93-36.
- Bray Oil Co. *See*—
- Bray, Ulric B. 2,732,344.
- Bray, Ulric B. 2,746,980.
- Bray, Ulric B. 2,746,987.
- Bray, Ulric B., and Voorhees. 2,754,192.
- Bray, Richard L., and R. Antonsen, to Godfrey L. Cabot, Inc. Recovery of pigments from aerosols. 2,771,158, 11-20-56, Cl. 183-122.
- Bray, Ulric B., to Bray Oil Co. Method for producing neutralized acid-treated oil and recovering motor oil stock and sulfonates. 2,732,344, 1-24-56, Cl. 252-33.
- Bray, Ulric B., to Bray Oil Co. Production of mahogany sulfonates. 2,746,980, 5-22-56, Cl. 260-429.9.
- Bray, Ulric B., to Bray Oil Co. Sulfonate manufacture. 2,746,987, 5-22-56, Cl. 260-504.
- Bray, Ulric B., and V. Voorhees, to Bray Oil Co. Conversion of acid sulfates. 2,754,192, 7-10-56, Cl. 71-54.
- Brayer, Ben. R. Luminous marker. 2,761,069, 8-28-56, Cl. 250-71.
- Braymer, Lawrence E. Multiple image telescope. 2,753,760, 7-10-56, Cl. 88-32.
- Brinton, Robert A., W. C. Boyle, and C. H. Campbell, to Armco Steel Corp. Locking structure for nestable culvert pipe. 2,735,450, 2-21-56, Cl. 138-70.
- Brazaitis, John, to Universal Oil Products Co. Means for preparing aluminum chloride. 2,768,070, 10-23-56, Cl. 25-263.
- Breeze, Earl H. Copy holder. 2,739,569, 3-27-56, Cl. 120-34.
- Brazeman, Paul J. Shaving brush. 2,750,615, 6-19-56, Cl. 15-136.
- Brazier, Leslie G., and W. G. Hawley, to British Insulated Callender's Cables Ltd. Overhead electric lines and conductors therefor. 2,731,610, 1-17-56, Cl. 174-4.
- Breadner, Robert L., and C. H. Simms, to General Electric Co. Method and apparatus for exhausting and sealing off lamp envelopes. 2,740,570, 4-3-56, Cl. 226-19.
- Breadner, Robert L., and C. H. Simms, to General Electric Co. Terminal structure for electric lamp or similar device. 2,745,982, 5-15-56, Cl. 313-271.
- Breathitt, Harvie W., Jr. *See*—
- Duke, James B., and Breathitt. 2,753,997.
- Houston, Wesley M., and Breathitt. 2,744,625.
- Hunter, Joseph L., and Breathitt. 2,750,036.
- Breaux, Darlton K., J. E. Chapman, and C. F. Drexel, to The Garrett Corp. Electric generating and air cooling system. 2,741,779, 7-10-56, Cl. 290-4.
- Breazeale, Earl R. Razor blade receptacle. 2,741,837, 4-17-56, Cl. 30-40.
- Breazeale, Pat R. Razor blade receptacle. 2,741,838, 4-17-56, Cl. 30-40.
- Brebeck, Charles. Miniature combustion-ignition engine having means for varying the compression ratio. 2,733,694, 2-25-56, Cl. 123-48.
- Brebner, George B., to Wabash Fibre Box Co. Fruit box. 2,744,018, 3-1-56, Cl. 99-171.
- Brecher, Karl *See*—
- Schweizer, Alfred, and Brecher. 2,751,897.
- Brech, Paul I. Floral delivery carton. 2,767,831, 10-23-56, Cl. 206-45.31.
- Breck, Roger S., to Carrier Corp. Refrigeration system provided with compressor unloading mechanism. 2,739,450, 3-27-56, Cl. 62-5.
- Breck, Roger S., to Carrier Corp. Refrigeration system provided with compressor unloading mechanism. 2,739,451, 3-27-56, Cl. 62-5.
- Breckenridge, Robert G., to the United States of America as represented by the Secretary of Commerce. Method of making titanium dioxide rectifiers. 2,749,596, 6-12-56, Cl. 29-25.3.
- Breckman, Jack K., to the United States of America as represented by the Secretary of the Army. Encoding circuit. 2,733,432, 1-31-56, Cl. 340-347.
- Bredethoff, Harold A., to Bell Telephone Laboratories, Inc. Sound output control for telephone ringers. 2,733,435, 1-31-56, Cl. 340-347.
- Breden, Calvin R., to the United States of America as represented by the United States Atomic Energy Commission. Method of preventing corrosion of iron metals. 2,763,611, 9-18-56, Cl. 210-23.
- Bredenberg, Henrik N. Hockey stick. 2,774,596, 12-18-56, Cl. 73-67.
- Bredereck, Hellmut, and E. Bäder, to Deutsche Gold- und Silber-Scheideanstalt vormals Roessler, and W. C. Heraeus G. m. b. H. Improvements in the production of polymerisation products using accelerators containing at least one autometal sulfone. 2,750,357, 6-12-56, Cl. 260-77.5.
- Bredereck, Hellmut, E. Bäder, and A. Woinhaas, to W. C. Heraeus G. m. b. H. and Deutsche Gold- und Silber-Scheideanstalt vormals Roessler. Improvements in the production of polymerisation products using redox catalysts. 2,758,106, 8-7-56, Cl. 260-89.5.
- Bredereck, Hellmut, and E. Bäder, to W. C. Heraeus G. m. b. H. and Deutsche Gold- und Silber-Scheideanstalt, vormals Roessler. Process for the production of polymerization products using sulphuric acid salts. 2,768,156, 10-23-56, Cl. 260-88.7.
- Bredin, Roger E. Lint remover having an endless tacky web. 2,753,494, 7-24-56, Cl. 15-104.
- Bredtschneider, Kurt B. *See*—
- Laird, Hubert C., and Bredtschneider. 2,761,002.
- Bredtschneider, Kurt B., to Crane Co. Valve with renewable cage. 2,730,119, 1-10-56, Cl. 137-327.
- Bredtschneider, Kurt E. B., to Crane Co. Pressure vessel. 2,744,631, 5-8-56, Cl. 220-46.
- Bredtschneider, Kurt E. B., to Crane Co. Valve construction. 2,744,775, 5-8-56, Cl. 286-31.
- Bredtschneider, Kurt B., and E. C. Petrie, to Crane Co. Valve seat mounting. 2,750,935, 6-19-56, Cl. 137-454.2.
- Bredtschneider, Kurt B., and F. M. Onak, to Crane Co. Electrode feed or drive mechanism. 2,771,498, 11-20-56, Cl. 13-14.
- Bredz, Nikolaus, to Lithium Corp. of America, Inc. Brazing alloys. 2,768,893, 10-30-56, Cl. 750-159.
- Breeback, Rudolph H. *See*—
- Bray, Carl L., and Breeback. 2,730,226.
- Breeback, Rudolph H., to Crown Cork & Seal Co., Inc. Fluid transfer system and method. 2,737,194, 3-6-56, Cl. 137-12.5.
- Breeback, Rudolph H., to Crown Cork & Seal Co., Inc. Filling system. 2,762,545, 9-11-56, Cl. 226-96.
- Breeback, Rudolph H., to Crown Cork & Seal Co., Inc. Method and apparatus for filling containers with a liquid. 2,770,263, 11-13-56, Cl. 141-6.
- Breeback, Rudolph H., to Crown Cork & Seal Co., Inc. Filling machines. 2,775,269, 12-25-56, Cl. 141-99.
- Breed, Bowman K., to Preferred Utilities Mfg. Corp. Oil fired bag oven. 2,775,381, 12-21-56, Cl. 107-55.
- Breed, Carroll M. Smoking pipe. 2,750,946, 6-19-56, Cl. 131-203.
- Breed, Lawrence W. *See*—
- Boner, Charles J., and Breed. 2,753,364.
- Breed, Robert J. Furniture leg support. 2,729,019, 1-3-56, Cl. 45-137.
- Breedlove, James P. Automatic racking device. 2,743,823, 5-1-56, Cl. 214-2.5.
- Breedlove, Theodore J., to Seal Rite Mfg. Co., Inc. Storm windows. 2,755,855, 7-24-56, Cl. 160-182.
- Breed, Will A., and L. L. Miller, to United States Steel Corp. Device for mounting roll chocks. 2,729,123, 1-3-56, Cl. 80-55.

- Breeler, Lenore K. Luggage carrier. 2,753,970, 7-10-56, Cl. 194-40.
- Breer, Walter R., to Allegheny Ludlum Steel Corp. Tool steels. 2,763,545, 9-18-56, Cl. 75-126.
- Breen, Henry D., to Union Asbestos & Rubber Co. Power take off drive. 2,732,811, 1-31-56, Cl. 105-114.
- Breen, Henry D., to Union Asbestos & Rubber Co. Power take off drive. 2,732,812, 1-31-56, Cl. 105-114.
- Breen, Morris A. Hanger and bracket combination. 2,764,296, 9-25-56, Cl. 211-89.
- Breen, Robert H., to Specialties Development Corp. Traverse assembly for yarn package winding machines. 2,738,137, 1-3-56, Cl. 242-18.
- Breer, Carl. Bottle capper. 2,761,265, 9-4-56, Cl. 53-300.
- Breer, Carl. Magnetic route indicator. 2,761,413, 9-4-56, Cl. 116-114.
- Breer, Carl. Bipod camera support. 2,763,456, 9-18-56, Cl. 248-186.
- Breer, Karl. *See—*  
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- Breeze Corporations, Inc.: *See—*  
Bird, Stanley P. 2,747,160.  
Bird, Stanley P. 2,768,010.  
Sprigg, Edward A. 2,740,942.  
Sprigg, Edward A. 2,753,534.
- Bregar, Joseph C., to Western Electric Co., Inc. Differential voltmeters. 2,762,975, 9-11-56, Cl. 324-123.
- Bregen, Edward. Tool for setting hollow rivets by spinning action. 2,739,726, 3-27-56, Cl. 218-38.
- Breglia, John B. Luggage. 2,755,896, 7-24-56, Cl. 190-50.
- Breghn, Milton. Method and apparatus for locating sheets. 2,760,273, 8-28-56, Cl. 33-184.5.
- Brehm, Allen E., and T. B. Tom, to Standard Oil Co. Process for preparing odorless mineral spirits by treating with acid followed by an oxidation inhibitor and then alkali. 2,756,134, 7-24-56, Cl. 196-38.
- Brehm, Allen E., and T. B. Tom, to Standard Oil Co. Process for preparing an odorless naphtha. 2,756,185, 7-24-56, Cl. 196-38.
- Brehm, Allen E., and E. K. Fields, to Standard Oil Co. Fuel compositions. 2,772,148, 11-27-56, Cl. 44-71.
- Brehm, Charles M., to Kelsey-Hayes Wheel Co. Die assembly in apparatus for trimming tubular pieces. 2,746,544, 5-22-56, Cl. 164-48.
- Brehm, Frederick W. Pencil holding and carrying device. 2,765,509, 10-9-56, Cl. 24-10.
- Brehm, John L. Vehicle towing device. 2,733,078, 1-31-56, Cl. 280-480.
- Breidford, Agnar G. Fishing trawls. 2,771,702, 11-27-56, Cl. 43-9.
- Breier, Marcus I., to Marcus Breier Sons, Inc. Hem construction for garments. 2,746,057, 5-22-56, Cl. 2-243.
- Breier, Marcus I., to Marcus Breier Sons, Inc. Die assembly. 2,746,057.
- Breinig, Edward C.: *See—*  
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- Breisacher, William A.: *See—*  
Lockwood, Robert C., Gregson, and Breisacher. 2,759,051.
- Breisch, John H. Grinding wheel. 2,746,217, 5-22-56, Cl. 51-206.5.
- Breit, Gregory. Magnetic field extrapolating apparatus and method. 2,744,235, 5-2-56, Cl. 324-43.
- Breit, Heinz B., to Ames Industrial Co. Chamfer gauge. 2,758,383, 8-14-56, Cl. 33-178.
- Breitenbach, Maloy D. Portable rack. 2,729,196, 1-3-56, Cl. 119-20.
- Breitenbach, Vernon A., to The Standard Oil Co. Fluid storage system. 2,747,774, 5-29-56, Cl. 222-395.
- Breitenbach, Vernon A., to The Standard Oil Co. Method of edge-fusing stacks of wax slabs. 2,761,803, 9-4-56, Cl. 154-116.
- Breithaupt, Donald E. Live bait bucket. 2,767,509, 10-25-56, Cl. 43-57.
- Breitman, Harold. Camera convertible into a slide projector and an attachment for effecting such conversion. 2,744,444, 5-8-56, Cl. 86-26.
- Breitmayer, Theodore, to Monsanto Chemical Co. Acetylene handling. 2,770,323, 11-13-56, Cl. 183-115.
- Breivik, Orville N.: *See—*  
Owades, Joseph L., and Breivik. 2,753,362.
- Brelsford, Charles G., to Kelsey-Hayes Wheel Co. Oil burner. 2,746,531, 5-22-56, Cl. 158-76.
- Brelsford, Harry E., to Diamond Power Specialty Corp. Liquid level gauge. 2,741,125, 4-10-56, Cl. 73-323.
- Brelsford, Orville R., G. L. Stone, and J. E. Aldridge, to Cup Brew Coffee Bag Co. Bag making, filling and sealing machine. 2,765,605, 10-9-56, Cl. 53-180.
- Brematex.: *See—*  
Leutert, Walter W. 2,773,345.
- Bremser, Frederick J., to The Mosier Safe Co. Manipulation-resistant combination lock. 2,775,115, 12-25-56, Cl. 70-133.
- Bremer, Hermann F., to Indevco, Inc. Apparatus and method for heating a liquid by electrical conduction. 2,748,253, 5-29-56, Cl. 219-40.
- Bremer, Norman C., to Morse Chain Co. Detachable chain with pintle pin fastening means. 2,755,677, 7-24-56, Cl. 74-254.
- Bremford, Ernest G.: *See—*  
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- Brendel, Theodor, to Agfa Camera-Werk Aktiengesellschaft. Triplet-type photographic objective lens. 2,731,884, 1-24-56, Cl. 85-57.
- Brendel, Theodor, to Agfa Camera-Werk Aktiengesellschaft. High speed corrected objective comprising four air spaced members. 2,745,315, 5-15-56, Cl. 88-57.
- Brendel, Theodor, and H. Lautenbacher, to Agfa Camera-Werk Aktiengesellschaft. Photographic objective comprising two outer convergent single elements and two inner divergent meniscus doublets. 2,734,422, 2-14-56, Cl. 88-57.
- Brendel, William J., and J. S. Schapiro, to Sparkle Beverages, Inc. Carbonating apparatus. 2,752,131, 9-26-56, Cl. 261-112.
- Brendle, John A.: *See—*  
Leiner, Edwin C., and Brendle. 2,748,724.
- Brendlein, Heinrich, and W. Pohl, to Deutsche Gold- und Silber-Scheideanstalt vormals Roessler. Process for the recovery of pentaerythritols. 2,749,370, 6-5-56, Cl. 260-1615.
- Brenholts, Howard F., to Drilo Corp. Power hand tool attachment. 2,756,854, 7-31-56, Cl. 192-34.
- Brenholts, Howard F., to Drilo Corp. Power hand tool attachment. 2,772,589, 12-4-56, Cl. 81-52.4.
- Brennan, Andrew, and S. M. Ford. Peg and ring toy. 2,757,479, 8-7-56, Cl. 46-111.
- Brennan, Daniel L., and D. J. Chisholm, to General Electric Co. Pivoted floating latch for suction cleaner tube or hose coupling. 2,755,106, 7-17-56, Cl. 285-7.
- Brennan, Edmund F. Vibrator for brass wind instruments. 2,765,695, 10-9-56, Cl. 84-401.
- Brennan, Elmer W.: *See—*  
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- Brennan, Joseph B. Reinforced acoustic diaphragms and method of making the same. Re. 24,141, 4-10-56, Cl. 181-32.
- Brennan, Joseph B. Apparatus and method of producing metal sheets by spraying action. 2,733,172, 1-31-56, Cl. 117-105.
- Brennan, Joseph B. Continuous method of making porous strip material. 2,745,141, 5-15-56, Cl. 18-57.
- Brennan, Joseph B. Method and apparatus for continuous casting. 2,745,151, 5-15-56, Cl. 22-57.4.
- Brennan, Joseph B. Electrode and electrolytic condenser. 2,735,418, 7-17-56, Cl. 317-239.
- Brennan, Joseph B. Method of making mold with fibrous liner. 2,757,426, 8-7-56, Cl. 22-193.
- Brennan, Joseph B. Electric device and hermetic seal therefor. 2,758,149, 8-7-56, Cl. 174-50.5.
- Brennan, Joseph B. Method of and apparatus for coating metal articles. 2,761,793, 9-4-56, Cl. 117-51.
- Brennan, Joseph B. Insulated porous aluminum strip. 2,762,724, 9-11-56, Cl. 117-221.
- Brennan, Joseph B. Method of continuously casting strip metal. 2,763,044, 9-18-56, Cl. 22-200.1.
- Brennan, Joseph B. Clamping terminal and mounting constructions for electrical devices. 2,763,708, 9-18-56, Cl. 174-52.
- Brennan, Joseph B. Method of continuously casting molten metal. 2,770,022, 11-13-56, Cl. 22-200.1.
- Brennan, Joseph B. Apparatus for casting. 2,772,454, 12-4-56, Cl. 22-57.3.
- Brenneck, William A.: *See—*  
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- Brenneck, William A., and J. T. Emerson, to Westinghouse Electric Corp. Glass bulb conveyor. 2,761,543, 9-4-56, Cl. 53-142.
- Brenneck, William A., J. A. Daubert, and C. R. Edgerly, to Westinghouse Electric Corp. Automatic tray loading machine for photoflash lamps. 2,760,318, 8-28-56, Cl. 53-142.
- Brenneke, Arthur M., to Perfect Circle Corp. Piston ring assembly. 2,737,429, 3-6-56, Cl. 309-29.
- Brenneke, Arthur M., to Perfect Circle Corp. Piston ring. 2,746,820, 5-22-56, Cl. 309-45.
- Brenneke, Arthur M., to Perfect Circle Corp. Piston ring. 2,766,086, 10-9-56, Cl. 309-45.
- Brenner, Abner.: *See—*  
Couch, Dwight E., and Brenner. 2,740,755.
- Brenner, Abner, and B. J. Wagoner, to the United States of America as represented by the Secretary of Commerce. Thickness gage for metallic coatings. 2,751,552, 6-19-56, Cl. 32-24.
- Brenner, Abner, and J. M. Sherley, to the United States of America as represented by the Secretary of Commerce. Alkali titanium halide compositions. 2,765,270, 10-2-56, Cl. 204-64.
- Brenner, Alexander S., to Donuts Inc. Frying device for donuts. 2,735,558, 2-21-56, Cl. 99-336.
- Brenner, Charles. Rotating chance game apparatus. 2,731,267, 1-17-56, Cl. 273-143.
- Brenner, Franz, to Ansbacher Maschinen- und Werkzeugbau Gesellschaft mit beschränkter Haftung. Apparatus for making cavities for pipes, electric wiring, and switches in the masonry of houses and the like. 2,729,437, 1-3-56, Cl. 262-8.
- Brenner, Joseph A. Guard and guide for foot valve or the like. 2,730,959, 1-17-56, Cl. 103-202.
- Brenner, Joseph A. Well casing head or cap and pipe clamp. 2,768,007, 10-23-56, Cl. 285-140.
- Brenner, Mortimer W., to Schwarz Laboratories, Inc. Art of stabilizing carbonated malt beverage. 2,763,554, 9-18-56, Cl. 99-48.
- Brenner, Orlester R., and W. Fross. Measuring dispenser closure. 2,770,401, 11-13-56, Cl. 222-339.



- Brenschede, Willy: *See—*  
 Brenschede, Helmut, Brenschede, and Bayer. 2,758,003.  
 Brenschede, Willy, to Farbenfabriken Bayer Aktiengesellschaft. Solutions of elastomers derived from isocyanate modified polyesters. 2,755,266, 7-17-56, Cl. 260—32.6.
- Bresnik, Harold R.: *See—*  
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- Brentford Transformers Ltd.: *See—*  
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- Brenzo, Myron. Automatic fishhook jerking device. 2,774,166, 12-18-56, Cl. 43—15.
- Brepson, Roland: *See—*  
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 Brescka, Rudolph S., to Western Electric Co., Inc. Punching apparatus. 2,730,173, 1-10-56, Cl. 164—15.
- Bresse, Fred, Jr.: *See—*  
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- Bresk, Raymond H.: *See—*  
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- Bresky, Donald R.: *See—*  
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- Breslow, David S., to Hercules Powder Co. Synthetic linear polyamides obtained by the base-catalyzed polymerization of unsaturated amides. 2,749,331, 6-5-56, Cl. 260—89.7.
- Breslow, David S., to Hercules Powder Co. Beneficiation of ores. 2,767,842, 10-23-56, Cl. 209—166.
- Bressler, Louis R. Brush having relatively movable bristle carrying sections. 2,780,447, 1-17-56, Cl. 15—201.
- Bressler, Louis R., to Stanley Home Products, Inc. Shampoo device. 2,741,786, 4-17-56, Cl. 15—105.
- Bretsch, Otto, to Gesellschaft der Ludw. von Roll'schen Eisenwerke AG. Means for feeding a grinding wheel of a peripheral grinding attachment into a workpiece. 2,774,187, 12-18-56, Cl. 51—105.
- Bretschneider, Hermann, and W. Klotzer, to Oesterreichische Stickstoffwerke Aktiengesellschaft. New triazine compounds and process of making them. 2,774,756, 12-18-56, Cl. 260—239.7.
- Brettell, George A., Jr., to the United States of America as represented by the Secretary of the Navy. Non-inverting amplifier relay system. 2,754,417, 7-10-56, Cl. 250—27.
- Bretthauer, Frank N. Guard for table saws. 2,742,063, 4-17-56, Cl. 143—159.
- Bretthauer, Hermann: *See—*  
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- Bretthauer, Hermann, to Franke & Heidecke, Fabrik Photographischer Präzisions-Apparate. Latch for photographic cameras. 2,732,236, 1-24-56, Cl. 292—65.
- Bretthauer, Hermann, to Franke & Heidecke, Fabrik Photographischer Präzisions-Apparate. Film type and speed indicator for photographic cameras. 2,765,763, 10-9-56, Cl. 116—114.
- Bretthauer, Hermann, and G. Bethmann, to Franke & Heidecke, Fabrik Photographischer Präzisions-Apparate. Photographic camera with interconnected shutter mechanism and film winding mechanism. 2,773,438, 12-11-56, Cl. 95—31.
- Brettrager, Henry J. Auxiliary jaws selectively attachable to confronting and upper surfaces of vise jaws. 2,770,156, 11-13-56, Cl. 81—38.
- Breuer, Frederick W., and B. F. Hofferth, to Armstrong Cork Co. Mercaptan modified hydrocarbon polymers. 2,736,723, 2-28-56, Cl. 260—79.5.
- Breuer, Frederick W., and B. F. Hofferth, to Armstrong Cork Co. Modification of coumarone-indene resins with formaldehyde. 2,740,767, 4-3-56, Cl. 260—67.
- Breuer, Frederick W. and L. L. Tolman, to Armstrong Cork Co. Production of organopolysiloxanes in cellular form by means of chemical blowing agents. 2,744,076, 5-1-56, Cl. 260—2.5.
- Breuer, Henry, to Tape Production Corp. Rub-out correction for line casting tape production transmission. 2,751,432, 6-10-56, Cl. 178—17.
- Breuer, Robert, to Metallschlauchfabrik A. G. Method of joining all-metal hoses by resistance welding. 2,741,024, 4-10-56, Cl. 29—454.
- Breul, Fredric W., to The Singer Mfg. Co. Rotary looper for sewing machines. 2,739,554, 3-27-56, Cl. 112—228.
- Breuning, Ernst. Textile thread breakage or slubbing detector system. 2,774,061, 12-11-56, Cl. 340—259.
- Breustedt, Walter: *See—*  
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- Brevets Aero-Mecaniques, S. A.: *See—*  
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- Brewer, Charles P.: *See—*  
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- Brewer, Claire N., to Unitipyo, Inc. Auxiliary operating mechanism for typesetting, typesetting and similar machines. 2,737,240, 3-6-56, Cl. 164—112.
- Brewer, Claire N., to Unitipyo, Inc. Unitary and sectionalized structure of auxiliary operating mechanism for typesetting, typesetting and similar machines. 2,737,616, 3-6-56, Cl. 317—158.
- Brewer, Ellis B. Angle tube bracket and hanger assembly. 2,775,473, 12-25-56, Cl. 287—54.
- Brewer, Jess A.: *See—*  
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- Brewer, Nathaniel: *See—*  
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- Brewer, Nicholas L. Boat anchor and retrieving means. 2,764,116, 9-25-56, Cl. 114—207.
- Brewster, Sherman T., to Bell Telephone Laboratories, Inc. Relay circuits. 2,759,130, 8-14-56, Cl. 317—157.
- Brewer-Titchener Corp.: *See—*  
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- Brewer, Wilburn: *See—*  
 Adams, William S., and Brewer. 2,755,516.
- Brewster, Albert, 80% to E. J. Hensel, Jr. Pulverizing machine. 2,732,136, 21-4-56, Cl. 241—54.
- Brewster, Artur E.: *See—*  
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- Brewster, Arthur E., to International Standard Electric Corp. Tape recording apparatus. 2,770,674, 11-13-56, Cl. 178—17.
- Brewster Co., The: *See—*  
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 Brewster, Floyd E., Jr. Trestle assembly. 2,736,614, 2-28-56, Cl. 304—3.
- Brewster, Franklin C., to Motorola, Inc. Receiver which tunes by adjusting magnetic core antenna. 2,750,495, 6-12-56, Cl. 250—20.
- Brewster, George F. Work holding chuck. 2,730,370, 1-10-56, Cl. 241—100.3.
- Brey, Frank W., to Fieldcrest Mills, Inc. Tension and let-off device and method. 2,764,367, 9-25-56, Cl. 242—155.
- Breza, George, and F. B. Abramsen, to E. W. Bliss Co. Controlling and compensating apparatus for lathes and the like. 2,731,869, 1-2-56, Cl. 82—14.
- Breze, Cyril, and C. H. Noren, to E. I. du Pont de Nemours and Co. Explosive assembly. 2,748,700, 6-5-56, Cl. 102—24.
- Brezosky, Bernard J., and N. G. Ferguson, to General Electric Co. Waste disposal apparatus. 2,743,875, 5-1-56, Cl. 241—100.3.
- Brian, William S., to Hanson-Gorrill-Brian, Inc. Electronic counting tube and circuit. 2,758,790, 8-14-56, Cl. 235—92.
- Briant, Bob B., to Boeing Airplane Co. Retractor for liquids. 2,729,135, 1-3-56, Cl. 88—14.
- Briar Hill Stone Co.: *See—*  
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- Bricaud, Joseph M., to Borg-Warner Corp. Bore hole detecting circuit and bore hole firing circuit utilizing a common transmission channel. 2,732,518, 1-24-56, Cl. 317—80.
- Bricaud, Joseph M., to Schlumberger Well Surveying Corp. Electrical logging of subterranean formations. 2,750,557, 6-12-56, Cl. 142—11.
- Brice, John, to Washington Mills Co. Pajama trousers. 2,753,567, 7-10-56, Cl. 2—227.
- Brice, Thomas J.: *See—*  
 Severson, Wayne A., and Brice. 2,765,326.
- Brice, Thomas J., and W. W. Trotter, to Minnesota Mining & Mfg. Co. Fluorocarbon sulfonic acids and derivatives. 2,732,398, 1-24-56, Cl. 260—503.
- Richard, Edgar: *See—*  
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- Richard, Edgar, to Union des Verrieres Mecaniques Belges S. A. Apparatus for measuring the level of the molten glass in tank furnaces. 2,737,807, 3-13-56, Cl. 73—290.
- Brick, Eric C., to The Distillers Co. Ltd. Production of S-acetyl glutathione. 2,760,956, 8-28-56, Cl. 260—112.
- Bricker, Carl E., to The Goodyear Tire & Rubber Co. Brake with soft steel return spring. 2,743,790, 5-1-56, Cl. 188—12.
- Bricker, Carl E., to The Goodyear Tire & Rubber Co. Brake torque limiter. 2,764,263, 9-25-56, Cl. 188—152.
- Bricker, George D. Eye shade for use on spectacles. 2,762,050, 9-11-56, Cl. 2—13.
- Bricker, Helen M.: *See—*  
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- Brickley, James L. Rock grinding mill. 2,735,627, 2-21-56, Cl. 241—270.
- Brickman, A. W., trustee: *See—*  
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- Brickman, Alan E., to United States Steel Corp. Transload device. Re. 24,172, 6-26-56, Cl. 94—8.
- Brickman, Alan E., to Acme Highway Products Corp. Load-transfer devices for highway joints. 2,743,652, 5-1-56, Cl. 94—8.
- Brickman, Alan E., to United States Steel Corp. Rail bond. 2,764,435, 9-25-56, Cl. 287—20.3.
- Brickman, Alan E., to United States Steel Corp. Rail bond. 2,764,436, 9-25-56, Cl. 287—20.2.
- Bridell, Chas. D., Inc.: *See—*  
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- Bridenbaugh, Paul K.: *See—*  
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- Bridevaux, Georges, to Tavannes Watch Co. S. A. Timepiece. 2,729,934, 1-10-56, Cl. 58—104.
- Bridge, Archibald C., to Anglo-American Extrusion Co. Method and an apparatus for extruding metal sections. 2,753,994, 7-10-56, Cl. 207—2.
- Bridge, Edward W. Measuring and dispensing device. 2,740,560, 4-3-56, Cl. 222—308.
- Bridge, Edward W., Sr. Cup forming machine. 2,741,958, 4-17-56, Cl. 93—60.
- Bridge, John. Transportable half flat-carload container convertible to semi-trailer. 2,756,073, 7-24-56, Cl. 280—425.

- Bridgeport Brass Co.: *See*—  
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- Bridgeport Fabrics, Inc.: *See*—  
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- Bridgeport Machines, Inc., The: *See*—  
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- Bridges, Alvah G., and J. P. Burtiz, Jr., to C. B. Van Vorst Co., Attachment for mattress-filling machines, 2,749,690, 6-12-56, Cl. 53-125.
- Bridges, Francis E., to Saunders-Roe Ltd. Pontoons, 2,742,012, 4-17-56, Cl. 114-5.
- Bridges, Jack E., to Zenith Radio Corp., Automatic frequency-control circuit, 2,752,495, 1-24-56, Cl. 250-36.
- Bridges, Jack E., to Zenith Radio Corp., Vertical synchronizing pulse selector, 2,761,010, 8-28-56, Cl. 178-7.5.
- Bridges, Jack E., to Zenith Radio Corp., Subscription television system, 2,769,854, 11-6-56, Cl. 178-5.1.
- Bridges, James H., Brake disc retainer, 2,764,261, 9-25-56, Cl. 188-72.
- Bridges, Joseph P., Adjustable water ski binder, 2,754,526, 7-17-56, Cl. 9-21.
- Bridgewater, William R., to Ozalid Co. Ltd., Apparatus for developing photographic sensitized material, 2,761,365, 9-4-56, Cl. 95-94.
- Brigford, Fred, Paint applicator, 2,761,167, 9-4-56, Cl. 15-244.
- Bridgwater Machine Tool Co.: *See*—  
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- Brindinger, Leon J., Boat loader, 2,772,799, 12-4-56, Cl. 24-450.
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- Briede, Arthur F.: *See*—  
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- Briede, Arthur F., to OFH Corp., Shock proof loading valve, 2,729,419, 1-3-56, Cl. 251-35.
- Briegleb, Denzil L., Method and apparatus for casting hollow building units, 2,734,262, 2-14-56, Cl. 29-423.
- Briegleb-Müller, Arne V., to Aktieselskabet de Danske Sukkerfabrikker, Apparatus for purifying sugar juices by liming and carbonation, 2,774,693, 12-18-56, Cl. 127-50.
- Brier, Hyman, to The Commonwealth Engineering Co. of Ohio, Positive pressure journal bearing, 2,736,620, 2-28-56, Cl. 308-84.
- Brier, Hyman, to The Commonwealth Engineering Co. of Ohio, Electric control for power steering, 2,754,465, 7-10-56, Cl. 318-488.
- Brier, Marcel L., to Outboard, Marine & Mfg. Co., Handle mounting for lawn mowers and other implements, 2,757,013, 7-31-56, Cl. 280-47.37.
- Briesmeister, Arthur C.: *See*—  
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- Briggs, Ernest: *See*—  
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- Briggs, George S., and D. J. Donahue, to Radio Corp. of America, Method of making phosphor screens, 2,757,103, 7-31-56, Cl. 117-35.5.
- Briggs, James L., Jr., and C. H. Hannon,  $\frac{1}{2}$  to Reverse Copper and Brass Inc., and  $\frac{1}{2}$  to General Electric Co., Copper base alloys, 2,744,822, 5-8-56, Cl. 75-159.
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- Brillingham, Albert A., 2,774,700.
- Briggs, Quentin L., to Super Premiums, Inc., Kite, 2,744,702, 5-8-56, Cl. 244-154.
- Briggs, Robert B., Plastic toothpicks, 2,760,628, 8-28-56, Cl. 206-29.
- Briggs, Rufus L., to Amalgamated Growth Industries, Inc., High-temperature electric torch, 2,769,079, 10-30-56, Cl. 219-75.
- Briggs, Rufus L., to I. A. Campbell, Apparatus for generating a pulse voltage and bias, 2,769,927, 11-6-56, Cl. 307-106.
- Briggs, Rufus L., to Amalgamated Growth Industries Inc., Electric arc torch, 2,770,708, 11-13-56, Cl. 219-75.
- Briggs, Southwick W., Filter element and method of making same, 2,746,608, 5-22-56, Cl. 210-205.
- Briggs, Southwick W., Bonded sawdust filter medium, 2,768,754, 1-30-56, Cl. 210-205.
- Briggs, Stephen F., Automatic engine starting circuit, 2,757,295, 7-31-56, Cl. 290-38.
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- Briggs, Thomas H., Jr., to Burroughs Corp., Electron tube structure, 2,732,512, 1-24-56, Cl. 313-85.
- Briggs, William C., and M. F. Fish, to Sumner Iron Works, Hydraulic barker, 2,765,198, 10-2-56, Cl. 299-62.
- Bright, Gordon S., and R. W. Hall, to The Texas Co., Rock drill lubricant containing a phosphorus acid ester and a sulfurized fatty oil, 2,734,868, 2-14-56, Cl. 252-46.7.
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- Bright, Stanley, Jr., to Troth Bright Page, Inc., Method of making plastic folding containers, 2,747,472, 5-29-56, Cl. 93-36.
- Bright, Thomas J. R., Draught excluding strips, beadings, moldings and the like, 2,746,103, 5-22-56, Cl. 20-69.
- Bright, Thomas J. R., Sealing strips, 2,756,468, 7-31-56, Cl. 20-69.
- Brightman, John B., to General Electric Co., Motor protective system, 2,731,587, 1-17-56, Cl. 318-221.
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- Brimhall, Kirk L., to Western Equipment Mfg. Co., Bowl and apron adjustment for double frame carry type scoop, 2,747,308, 9-29-56, Cl. 37-157.
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- Brink, Winfield S., to The Firestone Tire & Rubber Co., Wheel construction, 2,755,138, 7-17-56, Cl. 301-9.
- Brinker, Emil F., to Lavoe Laboratories, Inc., High frequency capacitor, 2,751,560, 6-19-56, Cl. 333-97.
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- Brinton, Esme T. C., and H. F. Lowe, to Brintons Ltd. Manufacture of fabrics having a tufted surface. 2,747,647, 5-29-56, Cl. 154-1.1.
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 Ball, Eric H. 2,749,190.  
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 Britt, Horace J., to American Telephone and Telegraph Co. Message address intercommunicating telegraph system. 2,739,180, 3-20-56, Cl. 178-4.1.  
 Brittain, Francis H., to The General Electric Co. Ltd. Loud-speaker diaphragm having asymmetric indentations. 2,732,908, 1-31-56, Cl. 181-32.  
 Brittain, John O., and P. D. Frost, to The Battelle Development Corp. Ti-Cr-Fe-Mn-Mo-V alloys. 2,739,887, 3-27-56, Cl. 75-175.5.  
 Britton, Carlyle P., J. T. Eiker 3d, E. T. Ellis, and R. M. Leach, Jr., to E. I. du Pont de Nemours & Co. Process of web drying. 2,746,167, 2-2-56, Cl. 34-41.  
 Britton, Clayton F., to Bendix Aviation Corp. Brake adjuster. 2,730,199, 1-10-56, Cl. 188-78.  
 Britton, Edgar C.: See—  
 Beman, Floyd L., and Britton. 2,763,683.  
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 Britton, Edgar C., and B. A. Ashby, to The Dow Chemical Co. N-(2-hydroxyalkyl)alkylene bisdithiocarbamates. 2,733,262, 1-31-56, Cl. 260-500.  
 Britton, Edgar C., and P. S. Petrie, to The Dow Chemical Co. Glycols and ethers of polyoxypropylene compounds and method of preparation. 2,745,857, 5-15-56, Cl. 260-429.  
 Britton, Glenn B., to International Shoe Co. Machine and method for ejecting molded rubber heels and the like. 2,741,797, 4-17-56, Cl. 18-1.  
 Britton, Karl B. Check valve. 2,736,338, 2-28-56, Cl. 137-516.29.  
 Britton, Loren D.: See—  
 Miller, Joseph P., and Britton. 2,756,690.  
 Britton, Loren D., and J. P. Miller, to General Motors Corp. Cooling duct arrangement. 2,759,431, 8-21-56, Cl. 105-59.  
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 Britton, Robert E., 1/2 to F. G. Filippi. Pressure fluid vane type motor for steering mechanisms and the like. 2,735,406, 2-2-56, Cl. 121-41.  
 Britton, Roscoe C., and H. Haltor. Line-shaft roller conveyor with shiftable bearings. 2,748,919, 6-5-56, Cl. 198-127.  
 Britton, Sylvester C., to Phillips Petroleum Co. Fuel for and method of operating a jet engine. 2,729,936, 1-10-56, Cl. 60-35.4.  
 Britton, Vance B., to American Viscose Corp. Pipe and flange aligner. 2,736,286, 2-28-56, Cl. 113-102.  
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 Glanzner, Clarence J., and Brixius. 2,735,951.  
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 Brixius, Jacob K., to Air-Maze Corp. Edge filter panel with uneven face. 2,764,257, 9-25-56, Cl. 183-69.  
 Brixner, Berlyn, to the United States of America as represented by the United States Atomic Energy Commission. Ultra high speed light shutter. 2,732,777, 1-31-56, Cl. A-53.  
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- Lawrence, Ernest O., and Brobeck. 2,733,349.  
 MacKenzie, Kenneth R., and Brobeck. 2,733,350.  
 Brobeck, William M., to the United States of America as represented by the United States Atomic Energy Commission. Ion producing mechanism. 2,736,808, 2-28-56, Cl. 250-41.9.  
 Brobeck, William M., to the United States of America as represented by the United States Atomic Energy Commission. Ion source for a calutron. 2,737,589, 3-6-56, Cl. 250-41.9.  
 Brobel, Carl K., deceased, O. S. Brobel administratrix. Proportioning and dispensing means. 2,774,364, 12-18-56, Cl. 137-3.  
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 Broberg, Leonard E., and E. G. Dueringer, to A. O. Smith Corp. Adjustable hood for unloader trough of a storage tank. 2,764,320, 9-28-56, Cl. 222-226.  
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 Broch, Frederick J. Double snap action switch. 2,729,714, 1-3-56, Cl. 200-67.  
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 Broch, Frederick J. Timing apparatus. 2,768,253, 10-23-56, Cl. 200-33.  
 Brochetti, Raymond E., to Mine Safety Appliances Co. Air filtering apparatus. 2,770,321, 11-13-56, Cl. 183-58.  
 Brochhaus, Franz Karl, B. Kohn, P. Hoppe, and H. Pafrath, to Farbenfabriken Bayer Aktiengesellschaft. Process of coating a surface with a foamed polyurethane composition. 2,753,276, 7-3-56, Cl. 117-72.  
 Brock, Brantley A.: See—  
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 Brock, Peter R., A. v. d. Luft, and W. F. Schmauss, to E. I. du Pont de Nemours & Co. Pneumatic cycle timer. 2,772,688, 12-4-56, Cl. 137-102.  
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 Brockman, John A., Jr., and B. Roth, to American Cyanamid Co. Tetrahydroformylpterins and preparation of the same. 2,729,641, 1-3-56, Cl. 260-251.5.  
 Brockman, John A., Jr., and B. Roth, to American Cyanamid Co. Salts of substituted tetrahydroformyl pteroyl amino acids. 2,737,515, 6-6-56, Cl. 260-251.  
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 Brockman, John A., Jr., and B. Roth, to American Cyanamid Co. Substituted tetrahydro pteridines and method of preparing the same. 2,742,468, 4-17-56, Cl. 260-251.5.  
 Brockman, John A., Jr., and P. F. Fabio, to American Cyanamid Co. 2-substituted-4-alkylcarbonyl-3-dithiacyclohexane tetraoxides. 2,767,195, 10-16-56, Cl. 260-327.  
 Brockmeyer, Dorothy J., and F. C. Meyer, to Monsanto Chemical Co. Preparation of thiophene-2-aldehydes. 2,741,622, 4-10-56, Cl. 260-332.3.  
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 Brockway, Charles E., to The B. F. Goodrich Co. Rapid curing process for cast polyurethane rubbers. 2,741,800, 4-17-56, Cl. 18-58.  
 Brockway, Charles E., to The B. F. Goodrich Co. Cast polyurethane rubbers. 2,753,319, 7-3-56, Cl. 260-30.6.  
 Brockway, William W. Electronic system for correlating phase-modulated signals. 2,732,548, 1-24-56, Cl. 343-101.  
 Brockwell, Lloyd A., and W. N. Moule, to Radio Corp. of America. Coaxial switch. 2,762,851, 9-11-56, Cl. 200-81.4.  
 Brodbeck, Almer H., and B. C. Douglas, to Magic Chef, Inc. Igniter systems for gas ranges. 2,735,483, 2-21-56, Cl. 158-122.  
 Brode, Robert B., to the United States of America as represented by the Secretary of the Navy. Safety unit for explosive devices. 2,737,890, 3-13-56, Cl. 102-70.2.  
 Broden, Edwin N., to The Firestone Tire & Rubber Co. Machine for cutting rubber grommets. 2,731,085, 1-17-56, Cl. 164-38.  
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 Broden, Edwin N., and R. A. MacAyeal, to The Firestone Tire & Rubber Co. Method and machine for cutting rubber thread with the cutting action periodically interrupted. 2,731,083, 1-17-56, Cl. 164-17.  
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- Broderick, Aubrey E.: *See—*  
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- Broderick, Frank W., to Brown & Bailey Co. Display boxes. 2,745,543, 5-15-56, Cl. 206—45.
- Broderick, George C.: *See—*  
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- Brodex Co.: *See—*  
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- Brodhacker, John W., to Commercial Solvents Corp. Prevention of caking of benzene hexachloride. 2,739,175, 3-20-56, Cl. 260—48.
- Brodie, Barbara A. Electrically driven music box. 2,770,996, 11-20-56, Cl. 84—95.
- Brodie, Edna S., to J. P. Stevens & Co., Inc. Bed coverings. 2,772,425, 12-4-56, Cl. 5—334.
- Brodie, George R., to Fred'k. H. Levey Co., Inc. Flexible sheet securing device for printing rollers. 2,745,344, 5-15-56, Cl. 101—415.1.
- Brodie, George R., to Fred'k. H. Levey Co., Inc. Angle bar for web printing press. 2,760,773, 8-28-56, Cl. 271—2.1.
- Brodie, Ralph N. Co.: *See—*  
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- Broding, Robert A.: *See—*  
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- Brodsky, Frank. Filling and capping apparatus for containers of liquids. 2,772,531, 12-4-56, Cl. 53—283.
- Brodsky, Harry N., and B. H. Chamberlin: said Brodsky assor. to Riverside Mfg. & Electrical Supply Co., Inc.; said Chamberlin assor. to Cutler-Hammer, Inc. Fluid-tight electric switches and methods of making the same. 2,740,872, 4-3-56, Cl. 200—168.
- Brodsky, Harry N., and B. H. Chamberlin: said Brodsky assor. to Riverside Mfg. & Electrical Supply Co., Inc.; said Chamberlin assor. to Cutler-Hammer, Inc. Fluid-tight electric switches and waterproof separable conductor connecting means therefor. 2,747,036, 5-22-56, Cl. 200—51.
- Brody, H. H.: *See—*  
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- Brody, Frederick, J., to J. Leavitt, and R. S. Long, to American Cyanamid Co. Azo dyes from 6-aminocarbostyrls. 2,754,293, 7-10-56, Cl. 260—155.
- Broeckel, John W., to General Electric Co. Brush holder assembly for dynamo-electric machine. 2,748,302, 5-29-56, Cl. 310—247.
- Broedy, Morris: *See—*  
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- Broekhuysen, William C.: *See—*  
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- Broekhuysen, William C., and S. Gilman, to American Machine & Foundry Co. Feed control. 2,729,213, 1-3-56, Cl. 131—21.
- Broekhuysen, William C., and V. J. Petruccelli, to American Machine & Foundry Co. Detecting and control apparatus. 2,729,214, 1-3-56, Cl. 131—21.
- Broekhuysen, William C., S. Gilman, and V. J. Petruccelli, to American Machine and Foundry Co. Counting mechanism. 2,765,118, 10-2-56, Cl. 235—98.
- Broerman, Arthur B.: *See—*  
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- Broerman, Arthur B., to Phillips Petroleum Co. Time delay switch. 2,756,305, 7-24-56, Cl. 200—122.
- Broesel, Tad W. Delivery crutch for obstetrical tables. 2,757,058, 7-31-56, Cl. 311—11.
- Brogden, Alfred N. Rail joints. 2,764,358, 9-25-56, Cl. 238—244.
- Brogdex Co.: *See—*  
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- McKune, Duane R. 2,757,779.
- McKune, Duane R. 2,771,981.
- Brogdon, Vas H.: *See—*  
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- Williams, R. L., Shaw, and Brogdon. 2,750,000.
- Brogdon, Vas H., to Freeport Sulphur Co. Heating systems for water containing dissolved scale-forming solids. 2,756,029, 7-24-56, Cl. 257—51.
- Broge, Edward C.: *See—*  
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- Broge, Edward C., to E. I. du Pont de Nemours and Co. Process of methoxylating the surface of a siliceous material, and the resulting product. 2,736,668, 2-28-56, Cl. 106—308.
- Broge, Edward C., to E. I. du Pont de Nemours and Co. Product and process. 2,739,078, 3-20-56, Cl. 106—308.
- Broge, Edward C., to E. I. du Pont de Nemours and Co. Lead silicophosphate compositions and processes for preparing them. 2,763,560, 9-18-56, Cl. 106—53.
- Broh-Kahn, Robert H.: *See—*  
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- Broh-Kahn, Robert H., T. I. Fand, and L. E. Tenenbaum, to Nepera Chemical Co., Inc. Certain quaternary ammonium azides. 2,755,291, 7-17-56, Cl. 260—349.
- Brohn, Herman A., to General Motors Corp. Crankcase ventilation system. 2,730,086, 1-10-56, Cl. 123—41.86.
- Broka, George Y.: *See—*  
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- Brokaw, George Y., and M. I. Van Graafeiland, to Eastman Kodak Co. Method of making monoglycerides or the like. 2,732,387, 1-24-56, Cl. 260—410.7.
- Brombroshe, Douglas B. Nesting garment hanger. 2,741,408, 4-10-56, Cl. 233—10.
- Broman, Bror O., to Aktiebolaget A. Ekstroms Maskinfabrik. Device for cleaning gas-sweet heating surfaces in heating apparatus and the like. 2,761,652, 9-4-56, Cl. 257—1.
- Broman, Cyrus R.: *See—*  
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- Nesett, Maurice M., and Broman. 2,770,234.
- Nesett, Maurice M., and Broman. 2,770,235.
- Bromberg, Edward S., to Pollock Paper Corp. Elevator structure for printing presses. 2,735,365, 2-21-56, Cl. 101—181.
- Bromberg, Emil. Apparatus for folding and handling papers and the like. 2,759,727, 8-21-56, Cl. 270—93.
- Bromley, Russell W. Parakeet shelter. 2,769,426, 11-6-56, Cl. 119—17.
- Bromo-Mint Co.: *See—*  
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- Steiner, Robert L. Re. 24,208.
- Steiner, Robert L. 2,746,644.
- Steiner, Robert L. 2,769,276.
- Bron, Albert H. Copying camera assembly. 2,741,945, 4-17-56, Cl. 88—24.
- Brons, Allan. Method of setting the elements of an optical system and projector and copying camera for performing the same. 2,772,599, 12-4-56, Cl. 88—24.
- Bronckhurst, Paul F., to the United States of America as represented by the Secretary of the Air Force. Gear shifting mechanism. 2,731,847, 1-24-56, Cl. 74—339.
- Brondyke, Kenneth J., to Aluminum Co. of America. Aluminum coating of ferrous metal articles. 2,731,362, 1-17-56, Cl. 117—51.
- Bronf, Louis, to Ritter Co., Inc. Liquid syringe. 2,757,667, 8-7-56, Cl. 128—173.
- Bronson, Earl D. Drip-preventing saucer. 2,770,957, 11-20-56, Cl. 65—15.
- Bronson, George A., and H. E. Pitcher, to Douglas Aircraft Co., Inc. Wide angle illuminating fixture. 2,742,564, 4-7-56, Cl. 240—77.
- Bronson, George A., to Douglas Aircraft Co., Inc. Cycle control valve for hydraulic motors. 2,750,929, 6-19-56, Cl. 121—44.
- Bronson, Samuel C., to Air Reduction Co., Inc. Separation of fluids by distillation. 2,738,658, 3-20-56, Cl. 62—122.
- Bronson, Stanley O., II.: *See—*  
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- Sweetser, Sumner B., and Bronson. 2,761,817.
- Sweetser, Sumner B., Bronson, and Welkart. 2,761,816.
- Bronson, Stanley O., II., to Esso Research and Engineering Co. Safety valve. 2,749,940, 6-12-56, Cl. 137—413.
- Bronstein, Harry. Circumcision clamp. 2,747,576, 5-29-56, Cl. 128—346.
- Bronstein, Harry. Electric heat pen. 2,761,946, 9-4-56, Cl. 219—29.
- Bronstein, Jesse B., Jr., and F. B. Wells, to Trojan Powder Co. Solid additive. 2,735,775, 2-21-56, Cl. 99—8.
- Brownliff Scientific, Inc.: *See—*  
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- Bronzavia S. A.: *See—*  
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- Brosch, Arthur, to The E. I. du Pont de Nemours & Co. Punch for perforating sheets to receive the rings of mechanical bindings. 2,745,492, 5-15-56, Cl. 164—91.
- Brook, Frank, to The General Electric Co. Ltd. Sealed sapphire wave guide window. 2,773,246, 12-4-56, Cl. 333—98.
- Brook, Kenneth W.: *See—*  
Kinder, Arthur C., and Brook. 2,768,362.
- Brook, Leonard, to The Forgrave Machinery Co. Ltd. Paper feeding device for wrapping machines. 2,729,042, 1-3-56, Cl. 53—155.
- Brook, Leonard, to The Forgrave Machinery Co. Ltd. Apparatus for moulding tablets of plastic material. 2,756,697, 7-31-56, Cl. 107—8.
- Brookbank, Glen E., to General Motors Corp. Door latch. 2,737,406, 3-6-56, Cl. 292—65.
- Brooke, Jesse M., to Phillips Petroleum Co. Manufacture of ethylene glycol. 2,742,505, 4-17-56, Cl. 260—635.
- Brooke, Jesse M., and R. M. Waldbly, to Phillips Petroleum Co. Conveying of fluidized mass of particles and apparatus therefor. 2,763,516, 9-18-56, Cl. 302—64.
- Brooke, Lloyd F.: *See—*  
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- Brooker, Leslie G. S., to Eastman Kodak Co. Sensitized photographic emulsion. 2,735,787, 2-21-56, Cl. 101—181.
- Brooker, Leslie G. S., to Eastman Kodak Co. Merocyanine dyes containing the triazolo [4,3-a]quinoline or tetrazolo [a]quinoline nucleus. 2,743,274, 4-24-56, Cl. 260—240.4.
- Brooker, Leslie G. S., and F. L. White, to Eastman Kodak Co. Sensitized photographic silver halide. 2,735,770, 2-21-56, Cl. 95—7.
- Brooker, Leslie G. S., and F. L. White, to Eastman Kodak Co. Non-ionized cyanine dyes. 2,739,964, 3-27-56, Cl. 260—240.1.
- Brooker, Leslie G. S., and D. W. Heseltine, to Eastman Kodak Co. Merocyanine dyes containing a sulfone group. 2,748,114, 5-29-56, Cl. 260—240.4.
- Brooker, Leslie G. S., and E. J. Van Lare, to Eastman Kodak Co. Un-ionized cyanine dyes. 2,748,115, 5-29-56, Cl. 260—240.6.
- Brooker, Leslie G. S., and L. L. Lincoln, to Eastman Kodak Co. Ketones containing an arylbenzothiazole nucleus. 2,763,646, 9-18-56, Cl. 260—240.
- Brooker, Robert M.: *See—*  
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- Brooker, Robert M., and H. A. Nash, to Allied Laboratories, Inc. New alloy of Vanadium, Aluminum and a method for its recovery. 2,744,106, 5-1-56, Cl. 260—236.
- Brookman Co., Inc. The: *See—*  
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- Brooks, E. J., Co.: *See*—  
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- Brooks, Chester E., J. H. McGuigan, and O. J. Murphy, to Bell Telephone Laboratories, Inc. Magnetic drum dial pulse recording and storage registers. 2,738,382, 3-13-56, Cl. 179-18.
- Brooks, Chester E., C. A. Lovell, J. H. McGuigan, O. J. Murphy, and D. B. Parkinson, to Bell Telephone Laboratories, Inc. Magnetic recording dial pulse storage register. 2,764,634, 9-25-56, Cl. 179-18.
- Brooks, E. J., Co.: *See*—  
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Brooks, Ernest C., and J. E. Cooper, to Thomas De La Rue & Co. Ltd. Safety control means for gas appliances. 2,746,534, 5-22-56, Cl. 158-129.
- Brooks, Frank W., to General Motors Corp. Brake shoe anchor. 2,741,335, 4-10-56, Cl. 188-78.
- Brooks, Frank W., to General Motors Corp. Automatic slack adjuster for brakes. 2,748,901, 6-5-56, Cl. 188-196.
- Brooks, Frank W., to General Motors Corp. Automatic wear adjustment for brakes. 2,762,463, 9-11-56, Cl. 188-79.5.
- Brooks, Frank W., Jr., and C. A. Duval, Jr., to Socony Mobil Oil Co., Inc. Stabilization of fuel oil. 2,770,581, 11-13-56, Cl. 196-4.
- Brooks, Fred R.: *See*—  
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- Brooks, George C. Method and apparatus for sonic separation of minerals. 2,755,927, 7-24-56, Cl. 209-1.
- Brooks, Hamilton, to Westinghouse Electric Corp. Capacitor. 2,773,226, 12-4-56, Cl. 317-242.
- Brooks, Harold H., to Columbus Coated Fabrics Corp. Method of for trimming and slitting webs. 2,738,729, 3-20-56, Cl. 101-227.
- Brooks, Harold H., to Columbus Coated Fabrics Corp. Slitting machine having two laterally movable outer knives and a center knife maintained midway between the outer knives. 2,747,666, 5-29-56, Cl. 164-39.
- Brooks, Herbert B.: *See*—  
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- Brooks, John F.: *See*—  
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- Brooks, John W., to Socony Mobil Oil Co., Inc. Alkylthiohydroquinones and mineral oil compositions thereof. 2,738,331, 3-13-56, Cl. 252-48.2.
- Brooks, John W., to Socony Mobil Oil Co., Inc. Alkylthiohydroquinones, formaldehyde-amine reaction products and petroleum fractions containing the same. 2,763,616, 9-18-56, Cl. 252-47.5.
- Brooks, Joseph H., and L. W. Kimball, to Sylvania Electric Products Inc. Method of exhausting and filling electric gaseous discharge devices. 2,755,005, 7-17-56, Cl. 296-19.
- Brooks, Lynn, to United Carbon Products Co. Method of producing high purity graphite. 2,734,799, 2-14-56, Cl. 23-209.1.
- Brooks, Lynn, to United Carbon Products Co., Inc. Graphite purification. 2,734,800, 2-14-56, Cl. 23-209.8.
- Brooks, Lynn, to United Carbon Products Co., Inc. Method of removing boron from graphite. 2,734,801, 2-14-56, Cl. 23-209.9.
- Brooks, Marguerite G. Pin-up board. 2,770,866, 11-20-56, Cl. 28-15.
- Brooks, Marvin C., to United States Rubber Co. Method of making composite resin-glass structures. 2,754,237, 7-10-56, Cl. 154-128.
- Brooks, Marvin C., and R. K. Kuhns, to United States Rubber Co. Rubber chemical and use thereof. 2,750,220, 7-24-56, Cl. 260-41.5.
- Brooks, Marvin C., and R. K. Kuhns, to United States Rubber Co. Vinyl chlorosilane-hydrogen sulfide reaction product. 2,763,674, 9-18-56, Cl. 260-448.2.
- Brooks, Morton: *See*—  
Moore, Richard E., Detamore, Brooks, and Miller. 2,756,012.
- Treseder, Robert C., Brooks, and Moore. 2,738,843.
- Brooks, Ralph C., to Westinghouse Air Brake Co. Clutch control apparatus. 2,760,612, 8-28-56, Cl. 192-098.
- Brooks, Richard J., and C. W. Richardson, to General Refining and Chemical Corp. Tin recovery from tin-tungsten ore. 2,766,139, 9-24-56, Cl. 75-85.
- Brooks, Richard J. Production of ferrous chloride and metallic iron powder. 2,762,700, 9-11-56, Cl. 75-5.
- Brooks, Robert A., to E. I. du Pont de Nemours and Co. Process for producing copper-phthalocyanine precursor. 2,762,285, 11-27-56, Cl. 260-319.
- Brooks, Robert J., and R. E. Williams, to National Seating Co. Seat back. 2,766,815, 10-16-56, Cl. 155-179.
- Brooks, Robert J., to Geo. W. King Ltd. Grab for reels or the like. 2,768,019, 10-23-56, Cl. 294-95.
- Brooks, Samuel H., and N. P. Tapp, to Clevis Corp. Switch operator. 2,763,779, 9-18-56, Cl. 200-51.09.
- Brooks, Thomas E., to Lisle Corp. Cylinder hone. 2,736,146, 2-28-56, Cl. 51-184.4.
- Brooks, William B., and C. M. Shigley, to The Dow Chemical Co. Composite magnesium-iron articles. 2,735,163, 2-21-56, Cl. 25-196.2.
- Brooks, Winfred M., to E. J. Brooks Co. Seal. 2,758,865, 8-14-56, Cl. 292-325.
- Brooks, Winfred M., to E. J. Brooks Co. Shackle seal. 2,761,720, 9-4-56, Cl. 292-317.
- Broomell, George L., Jr., to Leeds and Northrup Co. Compensation and range-suppression systems. 2,757,539, 8-7-56, Cl. 73-361.
- Brophy, Edmund J., 1/2 to B. E. Fisher. Razor construction. 2,741,840, 4-17-56, Cl. 30-73.
- Bros, Chester W., A. O. Williamson, and U. O. Guignard, to Wm. Bros Boiler and Mfg. Co. Snow melting apparatus. 2,729,000, 1-3-56, Cl. 37-14.
- Bros, Wm., Boiler and Mfg. Co.: *See*—  
Bros, Chester W., Williamson, and Guignard. 2,729,000.
- Brosnan, Dennis G., to Phillips Petroleum Co. Stripping still control according to specific gravity of liquid and vapors introduced into column. 2,754,246, 7-10-56, Cl. 196-8.
- Broschard, Robert, and G. Krupka, to American Cyanamid Co. 5-hydroxychlorotetracycline. 2,744,931, 5-8-56, Cl. 260-559.
- Broschard, Robert W.: *See*—  
Hutchings, Brian L., Broschard, and Walter. 2,753,373.
- Broscomb, Dennis G., A. H. Hawkins, and S. H. Ellens, to G. K. N. Group Services Ltd. Machines for delivering predetermined quantities of articles. 2,764,351, 9-25-56, Cl. 235-132.
- Broske, William F., to Aircraft-Marine Products, Inc. Electrical connector. 2,751,570, 6-19-56, Cl. 339-223.
- Brosnan, Dennis W. Means for facilitating the classification of railroad cars. 2,729,343, 1-3-56, Cl. 213-1.
- Bross, William: *See*—  
Brenner, Orlethus R., and Bross. 2,770,401.
- Brosterhous, Claude A.: *See*—  
Northrop, John K., Brosterhous, Dunn, Ellison, and Herman. 2,734,702.
- Brostoff, Theodore M. Tubular necktie and mode of making same. 2,774,076, 12-18-56, Cl. 2-146.
- Brotheridge, John E.: *See*—  
Brown, Le Roy A., and Brotheridge. 2,774,579.
- Brothers, Abe R. Cigarette with means for removing deleterious products of combustion. 2,764,513, 9-25-56, Cl. 135-10.
- Broughton, Arthur E. Diaphragm operated vacuum control system. 2,745,322, 5-15-56, Cl. 92-51.
- Broughton, Dean C., and E. G. Dueringer, to A. O. Smith Corp. Method and apparatus for erecting a fiber reinforced plastic storage structure. 2,729,268, 1-3-56, Cl. 154-1.8.
- Broughton, Dean C., to A. O. Smith Corp. Silage distributing apparatus. 2,732,204, 6-20-56, Cl. 302-60.
- Broughton, Sidney H., and V. R. Erickson, to J. B. Cox, d. b. a. Powder Power Tool Co. Safety shield for explosively driven tools. 2,773,259, 12-11-56, Cl. 1-44.5.
- Brouha, Lucien A., P. E. Smith, Jr., and J. A. Zapp, Jr., to E. I. du Pont de Nemours & Co. Air ventilation harness. 2,773,262, 12-11-56, Cl. 2-81.
- Brouillard, Robert E., to General Aniline & Film Corp. Conditioning of vatable quinoidic compounds. 2,766,244, 10-9-56, Cl. 260-272.
- Brouillard, Robert E., and T. D. Mutafis, to General Aniline & Film Corp. Phthalocyanine lakes. 2,774,677, 12-18-56, Cl. 106-289.
- Brouillette, Georges P.: *See*—  
Short, Charles R., and Brouillette. 2,771,785.
- Brous, Jack C., to Phillips Petroleum Co. Flow meter. 2,742,784, 4-4-56, Cl. 73-228.
- Brown, Shirley B.: *See*—  
Barker, Ernest C., and Brouse. 2,745,337.
- Broussard, Nolan P. Gas explosion means for a gun. 2,736,237, 2-28-56, Cl. 89-7.
- Broussard, Robert F., to Miller Meters, Inc. Coin handling means. 2,752,924, 7-2-56, Cl. 133-8.
- Brouwer, Benjamin W., and R. F. Dion, to Crompton & Knowles Loom Works. Checking means for loom picking mechanism. 2,746,487, 5-22-56, Cl. 139-147.
- Brouwer, Benjamin W., and A. Palmer, to Crompton & Knowles Loom Works. Harness mechanism for loom. 2,750,966, 6-19-56, Cl. 139-79.
- Brouwer, Peter H., J., to Hartford National Bank and Trust Co., trustee. Low-power hub dynamo. 2,735,028, 2-14-56, Cl. 310-67.
- Brouwer, Ralph R.: *See*—  
Faulkner, Charles E., and Brouwer. 2,769,518.
- Broverman, Michael, to General Electric Co. Electrical cable clamp. 2,740,100, 3-27-56, Cl. 359-202.
- Brow, Harold J. Airplane rescue towing system. 2,734,697, 2-14-56, Cl. 244-3.
- Browall, Bert H., to Svenska Aktiebolaget Bromsregulator. Pneumatic tire slack adjuster for brakes. 2,774,449, 12-18-56, Cl. 188-196.
- Browall, Bert H., and E. M. Jeppsson, to Svenska Aktiebolaget Bromsregulator. Automatic slack adjuster. 2,767,811, 10-23-56, Cl. 188-196.
- Brown, Ernest E., to Standard Coil Products Co., Inc. V. H. F. U. H. tuners. 2,772,353, 11-27-56, Cl. 250-20.
- Browder, Jay E., to Standard Coil Products Co., Inc. V. H. F. U. H. F. tuners. 2,772,354, 11-27-56, Cl. 250-20.
- Brower, John B. Gas producing apparatus. 2,739,608, 3-27-56, Cl. 137-391.
- Brown, Abbott: *See*—  
Moreines, Harold, and Brown. 2,769,122.
- Brown, Albert A.: *See*—  
Jenkins, Paul W., and Brown. 2,744,589.
- Brown, Alfred E.: *See*—  
Bogaty, Herman, and Brown. 2,766,760.
- Brown, Alfred S., and T. W. Terwilliger, to Skenandoo Rayon Corp. Electrode structure for high frequency drier. 2,737,569, 3-6-56, Cl. 219-10.69.
- Brown, Alfred S., and A. M., to Divine Brothers Co. Production of wear resistant cloth and buffing wheel made of the same. 2,747,981, 5-29-56, Cl. 51-297.



- Brown, Alfred S., and W. Kernan, to Skenandoo Rayon Corp. Apparatus for treating thread. 2,763,519, 10-30-56, Cl. 68-189.
- Brown-Allen Chemicals, Inc.: See—  
Morse, Erwin E. 2,757,086.
- Brown, Allen K.: See—  
Bunblasky, Adolph C., and Brown. 2,732,499.
- Bunblasky, Adolph, and Brown. 2,744,231.
- Brown, Alvin G., to The Electric Sweeper Service Co. Method of mounting a swivel nozzle on a pipe. 2,730,480, 1-10-56, Cl. 154-116.
- Brown, Angus M.: See—  
Brown, Alfred S. and A. M. 2,747,981.
- Brown, Arling D., Jr.: See—  
Baskin, Robert F., and Brown. 2,758,160.
- Langevin, Robert A., Brown, and O'Donnell. 2,736,006.
- Brown, Arling D., Jr., I. P. Echeagaray, M. Gross, and L. F. Valenti, to Clevite Corp. Small bore adapter for surface roughness indicator. 2,772,563, 12-4-56, Cl. 73-105.
- Brown, Arthur: See—  
Freund, Otto. 2,767,713.
- Brown, Arthur H. Wall panels. 2,748,591, 6-5-56, Cl. 72-16.
- Brown, Arthur S.: See—  
Warner, Aiden Y., and Brown. 2,742,899.
- Brown, Arthur S. Mfg. Co.: See—  
Robert, Albert A. 2,741,273.
- Brown & Bailey Co.: See—  
Broderick, Frank W. 2,745,543.
- Brown, Barremore B., L. Kovach, and J. W. Seachrist, to Radio Corp. of America. High frequency electron tube. 2,768,326, 10-23-56, Cl. 315-36.
- Brown & Bigelow: See—  
Ernst, Charles W. 2,767,565.
- Gruber, Francis E. 2,737,795.
- Gruber, Francis E. 2,764,008.
- Munson, Everis D. 2,767,497.
- Niles, Fay D. 2,767,756.
- Perlin, Fred. 2,742,787.
- Thull, John F. 2,737,892.
- Vierling, John A. 2,733,390.
- Vierling, John A. 2,767,687.
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- Brown, Boveri & Cie, Aktiengesellschaft: See—  
Katenberger, Bernhard, and von Cube. 2,746,259.
- Kickel, Hans M., Steyer, Kronauer, and Baumann. 2,741,422.
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- Brown-Bridge Mills Co., Inc. The: See—  
Holt, Frederick W., Jr. 2,745,591.
- Brown-Bridge Mills, Inc. The: See—  
Holt, Frederick W., Jr. 2,746,885.
- Brown-Brockmeyer Co. The: See—  
Brown, Steffen S. 2,735,950.
- Brown, Steffen S. 2,736,553.
- Brown, Burton P., Jr., to General Electric Co. Wave guide coupling system and method. 2,755,092, 2-14-56, Cl. 348.
- Brown, Caleb C., Jr.: See—  
Sacre, Elmer P. 2,729,458.
- Brown, Carl S., to Glascote Products, Inc. Dip tube for tanks and the like. 2,753,893, 7-10-56, Cl. 138-68.
- Brown, Cecil S. Vehicle weighing apparatus. 2,754,108, 7-10-56, Cl. 265-40.
- Brown, Charles A. Hydraulic valve lifter. 2,739,580, 3-27-56, Cl. 123-90.
- Brown, Charles B. Means for improving operating characteristics of transistors. 2,733,359, 1-31-56, Cl. 307-88.5.
- Brown, Charles K., Jr. Preformed slab and shell construction. 2,769,832, 11-6-56, Cl. 72-1.
- Brown, Charles K., Jr. and C. K. Brown, Sr. Vacuum mop and strainer. 2,763,886, 9-25-56, Cl. 15-321.
- Brown, Charles K., Sr.: See—  
Brown, Charles K., Jr. and C. K. Brown, Sr. 2,763,886.
- Brown, Charles O. and E. M. Thermometer holder. 2,733,885, 2-7-56, Cl. 248-161.
- Brown, Charles R. Abrading machine for tire tread surfaces. 2,769,283, 11-6-56, Cl. 51-97.
- Brown, Charles T.: See—  
Wood, Jay J. 2,732,196.
- Brown, Chang W. Apparatus for driving nails. 2,753,558, 7-10-56, Cl. 1-1.
- Brown, Chauncey T., to Spring Load Mfg. Corp. Socket wrench having screw or nut-holding means. 2,753,747, 7-10-56, Cl. 81-125.
- Brown, Cicero C.: See—  
Potts, Ernest L. 2,736,384.
- Potts, Ernest L. 2,762,343.
- Brown, Cicero C. Flow control apparatus. 2,733,769, 2-7-56, Cl. 166-226.
- Brown, Cicero C. Well packers. 2,739,651, 3-27-56, Cl. 166-119.
- Brown, Cicero C. Method of cementing wells. 2,743,779, 5-1-56, Cl. 166-21.
- Brown, Cicero C. Well packers. 2,743,780, 5-1-56, Cl. 166-120.
- Brown, Cicero C. Well packers. 2,748,871, 6-5-56, Cl. 166-129.
- Brown, Cicero C. Methods of lowering pipe within a well bore. 2,762,436, 9-11-56, Cl. 166-46.
- Brown, Cicero C. Stripper and seal device for well heads. 2,762,638, 9-11-56, Cl. 286-16.3.
- Brown, Cicero C. Well packers. 2,765,852, 10-9-56, Cl. 166-119.
- Brown, Cicero C. Well packer. 2,765,853, 10-9-56, Cl. 166-134.
- Brown, Cicero C. Sealing device for flanged joints. 2,775,472, 12-25-56, Cl. 285-343.
- Brown Citrus Machinery Corp.: See—  
Alexander, Frank M., and Bruso. 2,769,472.
- Brown, Clarence A., to Jones Graphic Products Co. Stabilized digested and polyvinyl alcohol coating material. 2,742,358, 4-17-56, Cl. 95-7.
- Brown, Clarence H., to Goodman Mfg. Co. Boring type mining head having wedge means. 2,753,167, 7-3-56, Cl. 262-7.
- Brown, Clayton B., L. N. Hampton, and F. A. Thiel, Jr., to Bell Telephone Laboratories, Inc. Card translator. 2,774,821, 12-18-56, Cl. 179-18.
- Brown, Clifford K. Guide for opening cans. 2,741,395, 4-10-56, Cl. 220-52.
- Brown, Clifford K., and R. I. Rofshus, to National Cooperatives, Inc. Milk machine claw assembly. 2,775,225, 12-25-56, Cl. 119-14.54.
- Brown, Clifford S., and C. S. O'Neil, to Hamilton Mfg. Co. Sliding shelf arrangements for book stacks. 2,750,052, 6-12-56, Cl. 211-143.
- Brown Co.: See—  
Cook, Ernest P. 2,734,429.
- Day, George A., and Penn. 2,736,636.
- Fitzmaurice, John J. 2,753,976.
- Ravich, Leonard E. 2,756,144.
- Brown, D. S., Co. The: See—  
Brown, Delmont D. 2,751,885.
- Brown, Maurice H. and H. R. 2,751,884.
- Brown, Dale G. Adjustment mechanism for tractor mounted endless ditch digger. 2,751,698, 6-26-56, Cl. 37-86.
- Brown, David, Tractors (Engineering) Ltd.: See—  
Hull, Charles H. 2,759,408.
- Brown, David, J. W. Colton, and R. Landau, to Chempatents, Inc. Chlorination process. 2,746,998, 5-22-56, Cl. 260-654.
- Brown, Delmont D., to The D. S. Brown Co. Molded turkey saddle. 2,751,885, 6-26-56, Cl. 119-143.
- Brown, Donald B.: See—  
Barnes, William A., and Brown. 2,754,704.
- Brown, Donald J., G. H. Morehouse, and L. B. Schauer, to Morehouse Industries. Grease deaerating mechanism. 2,741,326, 4-10-56, Cl. 183-2.5.
- Brown, Donald L. Practice batting device. 2,765,170, 10-9-56, Cl. 273-26.
- Brown, Donald M.: See—  
Andrews, Harry E., Comer, and Brown. 2,765,067.
- Brown, Edgar H., Jr., E. H. Dodge, and J. A. Bjorksten; said Brown and said Dodge assors. to Bjorksten Research Laboratories, Inc. Electrically conductive material. 2,739,083, 3-20-56, Cl. 17-211.
- Brown, Edith M.: See—  
Brown, Charles O. and E. M. 2,733,885.
- Brown, Edmund V. Tire lug. 2,771,115, 11-20-56, Cl. 152-228.
- Brown, Edward L., and J. M. Robertson, to Armo Steel Corp. Utility tunnel construction. 2,750,749, 6-19-56, Cl. 61-45.
- Brown, Edwin C., and J. D. Benbow, to Baldwin-Lima-Hamilton Corp. Six wheel drive and steer road machine. 2,748,509, 6-5-56, Cl. 37-156.
- Brown, Ellis M., C. E. Lee, and S. R. Gilford. Demolition system. 2,745,369, 5-15-56, Cl. 114-21.
- Brown, Ellis V., to Nepera Chemical Co., Inc. Pyridine compounds. 2,766,251, 10-9-56, Cl. 260-295.
- Brown, Enoch N. Sectional ironing board. 2,746,186, 5-22-56, Cl. 58-138.
- Brown, Ernest A.: See—  
Thunnaes, Arvid, Brown, Smith, and Brannen. 2,738,253.
- Brown, Eugene G. Inking device for typewriter ribbons. 2,732,824, 1-31-56, Cl. 118-268.
- Brown, Felix E., deceased; Union Bank & Trust Co. of Bethlehem, administrator; to East Penn Mfg. Co., Inc. Self-tightening and gripping battery lifter. 2,775,476, 12-25-56, Cl. 294-29.
- Brown, Fintube Co.: See—  
Gaddis, Hugh L., Myers, and Welsh. 2,731,709.
- Nihlen, John C. K. 2,745,683.
- Brown, Forrest G.: See—  
Holland, John H., and Brown. 2,756,272.
- Brown, Francis L., and H. J. Paulsen, to General Motors Corp. Fluid flow control valve. 2,766,768, 10-16-56, Cl. 137-312.
- Brown, Frank E., to Chas. Pfizer & Co., Inc. Disposable cartridge for hypodermic syringe. 2,737,948, 3-13-56, Cl. 128-215.
- Brown, Frank E., to Chas. Pfizer & Co., Inc. Disposable cartridge for hypodermic syringe. 2,737,949, 3-13-56, Cl. 128-215.
- Brown, Frank E., to Chas. Pfizer & Co., Inc. Machine for assembling hypodermic syringes. 2,765,467, 10-9-56, Cl. 1-102.
- Brown, Frank E., to Chas. Pfizer & Co., Inc. Machine for assembling hypodermic syringes. 2,765,606, 10-9-56, Cl. 53-202.
- Brown, Frank P., and M. G. Marshall, to Pullman-Standard Car Mfg. Co. Car numbering sign. 2,760,540, 10-16-56, Cl. 40-132.
- Brown, Frank R., and S. Rubenstein. Selectively self-wrecking toy vehicle. 2,757,482, 8-7-56, Cl. 46-201.

- Brown, George D. Vehicle wheel suspension of the knee action type with crossed supporting arms. 2,761,696, 9-4-56, Cl. 280-96.2.
- Brown, George L., and B. B. Kine, to Rohm & Haas Co. Emulsions of ionically cross-linked resins and methods for making them. 2,754,280, 7-10-56, Cl. 260-29.6.
- Brown, George L., and B. B. Kine, to Rohm & Haas Co. Coated paper products and method of making. 2,757,106, 7-31-56, Cl. 117-155.
- Brown, George P., Jr.: *See*—
- Riethorff, George, and Brown. 2,733,263.
- Brown, George P., Jr., E. I. Crowley, and N. W. Franke, to Gulf Research & Development Co. Nitric acid oxidation of hydrocarbons. 2,771,482, 11-20-56, Cl. 260-45.2.
- Brown, George W.: *See*—
- Aguliar, John G., and Brown. 2,730,149.
- Brown, Gerald H., to Owens-Corning Fiberglass Corp. Apparatus for packaging a group of fibrous mats. 2,765,838, 10-9-56, Cl. 154-1.8.
- Brown, Gordon D.: *See*—
- Esner, Edwin C. 2,743,684.
- Brown, Gordon H., to E. A. Peterman. Pressure regulator. 2,771,843, 11-27-56, Cl. 103-17.
- Brown, Gordon V., and A. B. Repp. Cable engaging device. 2,766,873, 10-16-56, Cl. 198-177.
- Brown, Grant S., to Western Electric Co., Inc. Extruders. 2,740,158, 4-5-56, Cl. 18-13.
- Brown, Grant S., to Western Electric Co., Inc. Apparatus for advancing and working plastic compounds. 2,748,422, 6-5-56, Cl. 18-12.
- Brown & Green Ltd.: *See*—
- Gudgeon, Ronald P. 2,735,201.
- Brown, Grover C., and A. H. Tompkins, Jr., to Superior Tank & Construction Co. Vapor recovery device for use in filling tanks with volatile liquids. 2,763,419, 9-18-56, Cl. 226-109.
- Brown, Guy E. Deflecting tools. 2,730,328, 1-10-56, Cl. 255-1.6.
- Brown, Harold. Method for processing black oil. 2,768,128, 10-23-56, Cl. 196-73.
- Brown, Harold F.: *See*—
- Elliott, Harold V., and W. E. and H. F. Brown. 2,734,992.
- Brown, Harold F., and H. M. Phillips, to Imperial Chemical Industries Ltd. Package containing textile covered cord fuses and means for its production. 2,750,720, 6-19-56, Cl. 53-24.
- Brown, Harold J. Protective converter systems. 2,754,466, 7-10-56, Cl. 321-2.
- Brown, Harold M. Combination coffee and tea maker. 2,731,907, 1-24-56, Cl. 99-316.
- Brown, Harold M. Combined pie crust cutter and water dispenser. 2,732,188, 1-24-56, Cl. 259-144.
- Brown, Harrison. Coil spring type row crop cultivator. 2,740,490, 4-5-56, Cl. 97-39.
- Brown, Harrison S., O. F. Hill, and A. H. Jaffey, to the United States of America as represented by the United States Atomic Energy Commission. Process using carbonate precipitation. 2,768,871, 10-30-56, Cl. 23-14.5.
- Brown, Harry C. Scribing or engraving instrument. 2,734,272, 2-14-56, Cl. 33-27.
- Brown, Harry C. Combined scribing and eye-protecting optical system. 2,748,474, 6-5-56, Cl. 30-164.9.
- Brown, Harry J., and R. G. Bailey. Decorative toy for Christmas trees. 2,735,223, 2-21-56, Cl. 46-240.
- Brown, Harvey, to H. H. Abbrecht, to Minnesota Mining & Mfg. Co. Perfluoro amine compounds and quaternary derivatives. 2,759,019, 8-14-56, Cl. 260-55.6.
- Brown, Henry: *See*—
- Fellows, Richard A., Hoover, and Brown. 2,738,318.
- Brown, Henry, to The Udyrite Research Corp. Electrodeposition of chromium. 2,750,334, 6-12-56, Cl. 204-31.
- Brown, Henry, to The Udyrite Research Corp. Chromium plating. 2,750,336, 6-12-56, Cl. 204-51.
- Brown, Henry, and D. R. Millage, to The Udyrite Research Corp. Chromium electrodeposition. 2,750,335, 6-12-56, Cl. 204-51.
- Brown, Henry, and D. R. Millage, to The Udyrite Research Corp. Electroplating of chromium. 2,750,337, 6-12-56, Cl. 204-51.
- Brown, Henry R., to North American Aviation, Inc. Compensated miniature potentiometer and method of making. 2,759,078, 8-14-56, Cl. 201-48.
- Brown, Herbert C., to Ethyl Corp. Manufacture of silicon compounds. 2,762,824, 9-11-56, Cl. 260-448.2.
- Brown, Herbert C., and W. S. Higley, to Standard Oil Co. Alkylation process. 2,767,230, 10-16-56, Cl. 260-671.
- Brown, Howard D. Power tamper. 2,753,771, 7-10-56, Cl. 94-49.
- Brown, Howard J. X-ray apparatus. 2,774,885, 12-18-56, Cl. 250-62.
- Brown, Howard P. Concrete grinder. 2,735,244, 2-21-56, Cl. 51-209.
- Brown, Howard R.: *See*—
- Brown, Maurice H. and H. R. 2,751,884.
- Brown, Hugh S., to Briggs & Stratton Corp. Snow plow with power driven rotor. 2,741,042, 4-10-56, Cl. 37-43.
- Brown, James D., to Toledo Scale Co. Communiting chopper having a rotatable feed screw. 2,755,836, 7-24-56, Cl. 146-182.
- Brown, James F.: *See*—
- Reid, James J., and Brown. 2,759,227.
- Brown, James L. Shoe racks. 2,767,855, 10-23-56, Cl. 211-38.
- Brown, James S., P. W. Fischer, and L. C. Johnson, to Union Oil Co. of California. Treatment of oil-containing water. 2,730,190, 1-10-56, Cl. 183-27.
- Brown, James S., and M. M. Ellis, to Union Oil Co. of California. Water purification process and apparatus. 2,766,203, 10-9-56, Cl. 210-18.
- Brown, James W.: *See*—
- Barr, Frank T., Brown, Burnside, and Jahmig. 2,773,017.
- Burnside, Harvey E. W., Jahmig, and Brown. 2,736,687.
- Jahmig, Charles E., and Brown. 2,731,508.
- Jahmig, Charles E., Burnside, and Brown. 2,731,400.
- Martin, Homer Z., Brown, and Burnside. 2,734,021.
- Brown, James W., to Esso Research and Engineering Co. Conversion of heavy hydrocarbons. 2,734,020, 2-7-56, Cl. 196-49.
- Brown, James W., to Esso Research and Engineering Co. Fluid coating of heavy hydrocarbons. 2,734,850, 2-14-56, Cl. 196-49.
- Brown, James W., to Esso Research and Engineering Co. Short-time contacting of fluids with solids in hydrocarbon conversion. 2,759,880, 8-21-56, Cl. 196-35.
- Brown, James W., and R. L. Weintraub, to the United States of America as represented by the Secretary of the Army. Measuring and dispensing device. 2,771,217, 11-20-56, Cl. 222-43.
- Brown, Jay T. Barbecuing apparatus. 2,747,497, 5-29-56, Cl. 99-27.
- Brown, Joel B., to Addeco, Inc. Device for obtaining samples of formation cuttings entrained in drilling fluids. 2,740,291, 4-3-56, Cl. 73-153.
- Brown, John: *See*—
- Shuchman, Elbert N., Relis, and Brown. 2,744,232.
- Brown, John, and C. B. Leslie. Low-frequency precision modulator for drift compensation circuit. 2,760,159, 8-21-56, Cl. 332-4.
- Brown, John F. Self-closing nozzle. 2,730,274, 1-10-56, Cl. 255-1.6.
- Brown, John R., to Kobe, Inc. Corrosion-inhibiting soluble plug. 2,744,880, 5-8-56, Cl. 260-41.5.
- Brown, John R., to The Reliance Gauge Column Co. Long probe manometer. 2,748,379, 5-29-56, Cl. 340-244.
- Brown, John T. L., and C. E. Pollard, Jr., to Bell Telephone Laboratories, Inc. Mercury contact switch. 2,769,875, 11-6-56, Cl. 200-112.
- Brown, Joseph. Loose-leaf suspension binder. 2,755,579, 7-24-56, Cl. 40-102.
- Brown, Julius. Hooked curb service tray. 2,770,513, 11-23-56, Cl. 31-22.
- Brown, Kenneth M., to Universal Oil Products Co. Means for removing an acidic component, particularly hydrogen sulfide, and water from fluid streams. 2,761,755, 9-4-56, Cl. 23-2.
- Brown, Kenneth M. and J. R. Strong, to Universal Oil Products Co. Contacting tower. 2,752,229, 6-26-56, Cl. 23-270.5.
- Brown, Kenneth M., and J. E. Gantt, to Universal Oil Products Co. Waste water treatment. 2,773,003, 12-4-56, Cl. 196-1.
- Brown, Kenneth N.: *See*—
- Grill, Otto H., and Brown. 2,773,924.
- Brown, Kenneth W. Hollow-head type log peeler having concentrically arranged and individually rotatable helical blades. 2,729,251, 1-3-56, Cl. 144-208.
- Brown, Lawrence S.: *See*—
- Swell, William H., and Brown. 2,766,587.
- Brown, Leo C., and D. R. Merker, to Swift & Co. Prevention of hydrogenation odor. 2,773,081, 12-4-56, Cl. 260-409.
- Brown, Le Roy A., to Prince Castles Mfg. Div., Inc. Dispensing apparatus for powdered material. 2,742,194, 4-17-56, Cl. 222-197.
- Brown, Le Roy A., and J. E. Brotheridge, to Prince Castle Mfg. Division, Inc. Multiple drink mixing machine. 2,774,579, 12-18-56, Cl. 259-131.
- Brown, Leslie S. Machine for folding shearing strips. 2,729,964, 1-10-56, Cl. 69-7.5.
- Brown, Lester H. Automatic floor mop. 2,774,089, 12-18-56, Cl. 15-98.
- Brown, Lester L. Electrical program controller. 2,761,102, 8-28-56, Cl. 323-94.
- Brown, Lowell N. Rotary hand drill. 2,752,664, 7-3-56, Cl. 255-1.6.
- Brown, Lowell R., to Davis Tool & Engineering Co. Complex motion-generating mechanism. 2,747,417, 5-29-56, Cl. 74-57.
- Brown, Lowell R., and W. J. Kelly, to Davis Tool & Engineering Co. Micro wave antenna feed. 2,775,760, 12-25-56, Cl. 222-197.
- Brown, Marvin D. Soil pulverizer and root separator. 2,753,780, 7-10-56, Cl. 97-10.
- Brown, Mary V. Golf cart cover. 2,747,637, 5-29-56, Cl. 150-52.
- Brown, Maurice H. and H. R., to The D. S. Brown Co. Turkey saddle. 2,751,884, 6-26-56, Cl. 119-143.
- Brown, Milton E., & Co.: *See*—
- Goddard, Ruth M. 2,743,543.
- Brown, Morden G., R. S. Robins, and W. V. Legan, to American Optical Co. Microscope and camera combination. 2,737,079, 3-6-56, Cl. 88-24.
- Brown, Noland W.: *See*—
- Cooper, John B., and Brown. 2,765,383.
- Brown, Norman M., Jr.: *See*—
- Shank, Clifford A., and Brown. 2,737,619.



- Brown, Oscar E., and H. L. Baker, to Mueller Co. Split pipe sleeve with means to prevent incorrect assembly. 2,775,469, 12-25-56, Cl. 285-18.
- Brown, Otto R., to American Cyanamid Co. Method of beneficiating sand. 2,769,540, 11-6-56, Cl. 209-166.
- Brown, Paul, to Packaging Materials Corp. Packaging material. 2,755,120, 2-21-56, Cl. 154-55.
- Brown, Paul F., to the United States of America as represented by the Secretary of the Navy. Range marker system. 2,754,494, 7-10-56, Cl. 340-147.
- Brown, Paul V., to The Richardson Co. Impact testing machine. 2,755,658, 7-24-56, Cl. 73-12.
- Brown, Ralph A., Jr., W. P. Thielens, and G. J. Sanders, to Gulf States Paper Corp. Process and apparatus for banding and packaging paper bags and the like. 2,768,489, 10-30-56, Cl. 53-26.
- Brown, Ralph E., to Douglas Aircraft Co., Inc. Wear-saving contact structure for rotors of counting devices and the like. 2,749,327, 6-5-56, Cl. 200-26.
- Brown, Ralph E., to Genisico, Inc. Device for making acceleration tests on small objects. 2,770,126, 11-13-56, Cl. 73-1.
- Brown, Ray A.: See—
- Harrington, Richard W., and Brown. 2,739,731.
- Brown, Reagan G. Composite electrical signaling and intercommunicating system. 2,745,902, 5-15-56, Cl. 179-5.
- Brown, Richard E.: See—
- Walton, George M., and Brown. 2,749,998.
- Brown, Richard E., and G. M. Walton, to Air-Maze Corp. Signalizer for high frequency sounds. 2,741,328, 4-10-56, Cl. 181-50.
- Brown, Richard J., to Hupp Corp. Multiple range pressure regulator. 2,764,996, 10-2-56, Cl. 137-790.
- Brown, Riley T.: See—
- Willard, Ralph J., and Brown. 2,747,274.
- Brown, Robert, and T. Edwards, to City Tank Corp. Pump and motor hydraulic transmission and pressure responsive servo-motor control means for the prime mover thereof. 2,746,240, 5-22-56, Cl. 60-19.
- Brown, Robert C., to The Diamond Match Co. Method and apparatus for assembling spring clothespins. 2,757,448, 8-7-56, Cl. 29-453.
- Brown, Robert E., to City Tank Corp. Non-channelling loader for refuse trucks. 2,754,988, 7-17-56, Cl. 214-519.
- Brown, Robert F. Electrical indicator. 2,736,782, 2-28-56, Cl. 201-5.
- Brown, Robert J. Wreath. 2,761,233, 9-4-56, Cl. 41-12.
- Brown, Robert J., to National Steel Container Corp. Fibrous container with crimped metal end member. 2,767,899, 10-23-56, Cl. 229-5.6.
- Brown, Robert L.: See—
- Pasternak, Theodore. 2,732,749.
- Pechkam, Roy E., and Elms. 2,748,645.
- Brown, Robert L. Clip for assembly of trim material. 2,738,209, 3-13-56, Cl. 287-23.
- Brown, Robert L. Bracket for assembly of parts. 2,744,776, 10-2-56, Cl. 289-0.
- Brown, Robert L. Variable width molding fastener. 2,758,350, 8-14-56, Cl. 24-213.
- Brown, Robert N. Combined dealer, shuffler and tray for playing cards. 2,731,271, 1-17-56, Cl. 273-149.
- Brown, Robinson, H. E. Metcalf, and J. F. Brooks, to the United States of America as represented by the Secretary of the Army. Contact and stop mechanism for launchers. 2,742,820, 4-24-56, Cl. 89-17.
- Brown, Robinson W., I. O. Filbert, and P. N. Youtz, to P. N. Youtz Building apparatus. 2,758,467, 8-14-56, Cl. 72-1.
- Brown, Roland: See—
- Watton, Leonard H. N., Brown, and Hall. 2,751,224.
- Brown & Root, Inc.: See—
- Hauber, Ferdinand R., and Gard. 2,755,632.
- Brown, Roy M., to Jaymar Specialty Co. Damping cords for musical instrument. 2,752,813, 7-8-56, Cl. 84-403.
- Brown, Russell H.: See—
- Kalinowski, Mathew L., and Brown. 2,739,926.
- Brown, Russell H., to Standard Oil Co. Separating primary mercaptans from mixtures of mercaptans. 2,773,905, 12-11-56, Cl. 260-609.
- Brown, Russell H., J. H. Krause, and T. B. Tom, to Standard Oil Co. Refining of hydrocarbon oils. 2,768,930, 10-30-56, Cl. 196-24.
- Brown, Seymour W., to Carrier Corp. Self-contained ice making unit. 2,775,099, 12-25-56, Cl. 62-106.
- Brown & Sharpe Mfg. Co.: See—
- Barron, James T., Dill, and Hotelling. 2,746,128.
- Graves, Benjamin P. 2,770,172.
- Krause, August L., and Levesque. 2,767,521.
- Brown, Steffen S., to The Brown-Brockmeyer Co. Electric motor and method of cooling. 2,735,950, 2-21-56, Cl. 310-7.
- Brown, Steffen S., to The Brown-Brockmeyer Co. Door operator. 2,736,553, 2-28-56, Cl. 268-59.
- Brown, Theodore G. Vehicle crossing signal. 2,733,311, 1-31-56, Cl. 200-61.80.
- Brown, Theophilus, to Deere & Co. Draft device. 2,754,738, 7-17-56, Cl. 97-46.07.
- Brown, Theophilus, to Deere & Co. Reversible feed for manure spreaders. 2,769,641, 11-6-56, Cl. 275-5.
- Brown, Victor, to Kropp Forge Co. Method of making engine hub and shaft unit. 2,748,466, 6-5-56, Cl. 29-553.
- Brown, Vincent C. Tool with retractable bit. 2,730,145, 1-10-56, Cl. 145-64.
- Brown, Wallace M.: See—
- Norrie, Robert C., and Brown. 2,765,041.
- Brown, Walter C.: See—
- Pisora, Dennis J., and Brown. 2,729,767.
- Brown, Walter J.: See—
- Franks, Clifford V., and Brown. 2,734,180.
- Brown, Walter J. Variable speed electric drive and control system thereof. 2,733,395, 1-31-56, Cl. 318-249.
- Brown, William F., to Libbey-Owens-Ford Glass Co. Sheet glass. 2,755,212, 7-17-56, Cl. 154-2.77.
- Brown, William, to Sturmer Archer Gears Ltd. Epicyclic change speed gears. 2,769,354, 11-6-56, Cl. 74-767.
- Brown, William C.: See—
- Sputrino, Pascal, and Brown. 2,734,743.
- Brown, William D., to Raytheon Mfg. Co. Electron discharge device of the traveling wave type. 2,735,958, 2-21-56, Cl. 315-39.3.
- Brown, William D., to Irving Air Chute Co., Inc. Launching device for parachute. 2,737,359, 3-6-56, Cl. 149.
- Brown, William D., and S. O. Gregory. Printing means for automatically recording variations in mechanical behavior. 2,762,996, 9-11-56, Cl. 340-205.
- Brown, William E.: See—
- Elliott, Harold V., and W. E. and H. F. Brown. 2,734,992.
- Brown, William E., and K. E. Bondurant, to General Motors Corp. Switch. 2,750,477, 6-12-56, Cl. 200-153.
- Brown, William E., C. O. Decker, and C. W. Landes, to General Motors Corp. Switch. 2,751,468, 6-19-56, Cl. 200-154.
- Brown, William E., and W. Cole, to General Motors Corp. Detection signal mechanisms. 2,757,250, 7-31-56, Cl. 200-61.9.
- Brown, William E., to Gulf Research & Development Co. Treatment of clays. 2,761,835, 9-4-56, Cl. 252-8.55.
- Brown, William E., to Gulf Research & Development Co. Treatment of clays. 2,761,843, 9-4-56, Cl. 252-8.55.
- Brown, William E. Engine piston. 2,767,038, 10-16-56, Cl. 309-32.
- Brown, William E., to General Motors Corp. Control rod positioning mechanism. 2,768,535, 10-30-56, Cl. 74-503.
- Brown, William E., and C. R. Giacobine, to Gulf Research & Development Co. Treatment of clays. 2,761,836, 9-4-56, Cl. 252-8.55.
- Brown, William E., and C. R. Giacobine, to Gulf Research & Development Co. Treatment of clays. 2,761,837, 9-4-56, Cl. 252-8.55.
- Brown, William E., and C. R. Giacobine, to Gulf Research & Development Co. Treatment of clays. 2,761,838, 9-4-56, Cl. 252-8.55.
- Brown, William E., and C. R. Giacobine, to Gulf Research & Development Co. Treatment of clays. 2,761,839, 9-4-56, Cl. 252-8.55.
- Brown, William E., and C. R. Giacobine, to Gulf Research & Development Co. Treatment of clays. 2,761,840, 9-4-56, Cl. 252-8.55.
- Brown, William E., and C. R. Giacobine, to Gulf Research & Development Co. Treatment of clays. 2,761,841, 9-4-56, Cl. 252-8.55.
- Brown, William E., and C. R. Giacobine, to Gulf Research & Development Co. Treatment of clays. 2,761,842, 9-4-56, Cl. 252-8.55.
- Brown, William F., Jr., and F. W. Myers, to The Budd Co. Loading bar, especially for railway cars. 2,747,520, 5-29-56, Cl. 105-369.
- Brown, William G.: See—
- Walker, Samuel J., and Brown. 2,731,313.
- Brown, William H. J.: See—
- Bohannan, Donald L., and Brown. 2,757,740.
- Brown, William R. Pay roll printing device. 2,753,790, 7-10-56, Cl. 101-80.
- Brown, William R. Position determining device. 2,770,345, 11-13-56, Cl. 197-189.
- Brown, William R., and W. Lawrence, to V-Master Ltd. Cigarette makers. 2,740,408, 4-3-56, Cl. 131-51.
- Brown, William R., and J. E. Mailhot. Cigarette making and cutting machine. 2,740,443, 4-3-56, Cl. 146-168.
- Brown, William T.: See—
- Apel, Rudolf M., and Brown. 2,768,003.
- Brown, William T. Trowel device. 2,734,433, 2-14-56, Cl. 94-45.
- Brown, Winthrop L., to Bernardin Bottle Cap Co., Inc. Boxes for holding materials. 2,767,078, 11-25-56, Cl. 22-45.
- Browne, Charles M., to Libbey-Owens-Ford Glass Co. Multiple sheet glazing units. 2,750,637, 6-19-56, Cl. 20-56.5.
- Browne, Donald W., to Acra Electric Corp. Connector assembly. 2,754,406, 7-10-56, Cl. 219-38.
- Browne, Eugene Y.: See—
- Crawford, James H., Browne, Glenn, and Pigford. 2,774,555.
- Browne, Frances and H. A.,  $\frac{1}{4}$  to J. T. Mains and  $\frac{1}{4}$  to F. P. Keiper. Finger tip tools. 2,735,321, 2-21-56, Cl. 81-13.
- Browning, Frank M., and W. B. Leighton, to Union Carbide and Carbon Corp. Adsorber apparatus. 2,772,747, 12-4-56, Cl. 183-4.5.
- Browne, Harold L.: See—
- Collings, William R., Browne, and Weirauch. 2,745,233.
- Browne, Harry A.: See—
- Browne, Frances and H. A. 2,735,321.
- Browne, Howard J., and N. B. Gardin, to the United States Atomic Energy Commission. Low weight container for radioactive materials. 2,743,372, 4-24-56, Cl. 250-108.
- Browne, Jack N.: See—
- Handley, John. 2,771,264.
- Browne, John R. Case construction embodying separable units. 2,732,969, 1-31-56, Cl. 220-23.4.

- Browne, Kenneth A.: *See*—  
Gregory, Alfred T., and Browne. 2,743,053.
- Browne, Kenneth A., to The Chesapeake and Ohio Railway Co. Railway automobile carrier. 2,758,552, 8-14-56, Cl. 105-368.
- Browne, Lindsay H. Pumps. 2,738,731, 3-20-56, Cl. 103-44.
- Browne, Lindsay H. Pump. 2,764,097, 9-25-56, Cl. 103-44.
- Browne, Theodore C.: *See*—  
Eckel, Oliver C., Browne, and Spelman. 2,760,567.
- Browne, Thomas E., Jr.: *See*—  
Lingal, Harry J., Browne, and Strom. 2,757,261.
- Browne, Thomas E., Jr., A. P. Strom, and H. E. Spindle, to Westinghouse Electric Corp. Arc-extinguishing devices. 2,753,816, 1-31-56, Cl. 200-148.
- Browne, William H., to W. H. Brown and R. F. Martin, as trustees. Rod end bearing. 2,766,079, 10-9-56, Cl. 308-72.
- Browne Window Mfg. Co., Inc.: *See*—  
Williams, William C. 2,758,344.
- Brownell, John R., to Leeds and Northrup Co. Methods of and apparatus for printing on a moving surface. 2,741,983, 4-17-56, Cl. 101-228.
- Brownell, William E. Surface marking tool. 2,771,924, 11-27-56, Cl. 145-25.
- Bruch, Paul D., and R. D. van Millingen. Torquemeter. 2,768,525, 10-30-56, Cl. 73-136.
- Browning, Bruce W., to Browning Industries, Inc. Holster. 2,765,107, 10-2-56, Cl. 224-2.
- Browning, Daniel D.: *See*—  
Rezman, Irving I., and Browning. 2,739,082.
- Browning, Frank M., and W. B. Leighton, to Union Carbide and Carbon Corp. Activated carbon adsorbers. 2,760,594, 8-28-56, Cl. 183-4.5.
- Browning, George V., and C. G. Brannen, to Standard Oil Co. Polymethylpolysiloxane thickened phenylmethyl sil-oil. 2,771,422, 11-20-56, Cl. 252-49.6.
- Browning Industries, Inc.: *See*—  
Browning, Bruce W. 2,765,107.
- Browning, John W., and J. C. Roberts. Traction device for vehicles. 2,738,820, 3-20-56, Cl. 152-225.
- Browning, Lewis M., Jr., to Socony Mobil Oil Co., Inc. Solid caustic alkali and phenol reagent for treatment of hydrocarbons. 2,742,402, 4-17-56, Cl. 196-32.
- Browning, Rowland E. Induction type wind tunnel. 2,744,410, 5-8-56, Cl. 73-147.
- Browning, Walter E. Breach-bolt locking mechanism for automatic shotgun. 2,732,708, 1-31-56, Cl. 89-132.
- Browning, William C., to Marathon Corp. Oil well drilling fluids. 2,771,421, 11-20-56, Cl. 252-8.5.
- Brownlee, Allen L., and T. G. Louis, to Globe-Union Inc. Field magnet unit for flywheel magnetos. 2,756,356, 7-24-56, Cl. 310-153.
- Brownlee, Donald J.: *See*—  
Brownlee, George R., and D. J. 2,761,578.
- Brownlee, Donald S., Jr.: *See*—  
Mason, Wylie A., Jr., and Brownlee. 2,762,282.
- Brownlee, George R., and D. J. Self loading and unloading bale wagon. 2,761,578, 9-4-56, Cl. 214-507.
- Brownlee, John W.: *See*—  
Kelly, Stanley, and Brownlee. 2,771,514.
- Brownlee, Robert N., and H. W. Griswold, to Personal Products Corp. Absorbent product. 2,773,053, 12-11-56, Cl. 128-290.
- Brownlow, Cecil L., to Phillips Petroleum Co. Line fault detector. 2,766,427, 10-9-56, Cl. 324-61.
- Brownlow, Cecil L., to Phillips Petroleum Co. Line fault detector. 2,769,868, 11-6-56, Cl. 179-171.
- Brownlow, James M., to Gulton Industries, Inc. Method for joining metallic and ceramic members. 2,771,969, 11-27-56, Cl. 189-36.5.
- Brownstein, Benjamin. Continuous horizontal hot molten metal casting apparatus. 2,751,647, 6-26-56, Cl. 22-57.3.
- Brownstein, Louis. Method and apparatus for forming a closed loop of tape threaded through a buckle. 2,770,204, 11-13-56, Cl. 112-2.
- Brownsville Canning Co.: *See*—  
Soldner, Harley W. 2,748,550.
- Broyles, Haven S., to Celanese Corp. of America. Textile spindle support. 2,758,895, 8-14-56, Cl. 308-154.
- Broyles, Horace N. Mattress border measuring and marking machines. 2,742,704, 4-24-56, Cl. 33-132.
- Broyles, Margaret H.: *See*—  
Meyer, Lester W. A., and Broyles. 2,763,562.
- Brubaker, David W.: *See*—  
Kammermeyer, Walter, and Brubaker. 2,755,060.
- Brubaker Mfg. Co., Inc.: *See*—  
Koury, Philip, and Willis. 2,749,201.
- Brubaker, Wilson M., to Consolidated Engineering Corp. Mass spectrometer. 2,735,942, 2-21-56, Cl. 250-41.9.
- Bruce, E. L., Co.: *See*—  
Lyons, Frank H. 2,734,879.
- Bruce Engineering Corp.: *See*—  
Bruce, John K. 2,761,263.
- Bruce, John K.: *See*—  
Everett, A.: *See*—  
Lowdermilk, Ford R., and Bruce. 2,770,658.
- Bruce, Floyd. Diamond drill bit. 2,731,236, 1-17-56, Cl. 255-61.
- Bruce, George D., and J. C. Logue, to International Business Machines Corp. Binary trigger and counter circuits employing magnetic memory devices. 2,772,370, 11-27-56, Cl. 307-58.
- Bruce, John, 1/2 to S. Leigh. Method of making a flexible glass-run channel. 2,754,575, 7-17-56, Cl. 29-460.
- Bruce, John K., to Bruce Engineering Corp. Materials handling apparatus. 2,761,263, 9-4-56, Cl. 53-24.
- Bruce, John K., to Bruce Engineering Corp. Package. 2,769,535, 11-6-56, Cl. 206-65.
- Bruce, Peter P.: *See*—  
Beard, Donald M., Bruce, and Kriegsmann. 2,746,369.
- Bruce, Stanford P., to Wheel Trueing Tool Co. Dressing mechanism. 2,733,700, 2-7-56, Cl. 125-11.
- Bruce, William D. Collapsible decoy. 2,763,952, 9-25-56, Cl. 4-43.
- Bruce, William F.: *See*—  
Diamond, Julius, and Bruce. 2,740,777.
- Diamond, Julius, and Bruce. 2,740,778.
- Diamond, Julius, and Bruce. 2,740,779.
- Diamond, Julius, and Bruce. 2,740,780.
- Diamond, Julius, and Bruce. 2,775,588.
- Diamond, Julius, and Bruce. 2,775,589.
- Hanslick, Roy S., and Bruce. 2,750,379.
- Szabo, Joseph L., and Bruce. 2,739,981.
- Bruce, William F., to American Home Products Corp. Stannous fluoro complex salts. 2,749,213, 6-5-56, Cl. 23-50.
- Bruce, William F., and R. N. Blomberg, to American Home Products Corp. Melting point bar. 2,730,892, 1-17-56, Cl. 73-17.
- Bruce, William F., C. D. Edwards, and J. K. Apat, to American Home Products Corp. Therapeutic composition comprising tabular N,N'-dibutyl-1,4-phenylenediamine di-penicillin, and process for preparing same. 2,745,785, 5-15-56, Cl. 167-65.
- Bruce, William F., and R. F. Tislow, to American Home Products Corp. Glycinamide salts. 2,746,901, 5-22-56, Cl. 167-65.
- Bruce, William F., R. S. Hanslick, and M. E. Freed, to American Home Products Corp. Diphenylethylene diamine-penicillin salt. 2,746,959, 5-22-56, Cl. 260-239.1.
- Bruce, William F., and J. Seifter, to American Home Products Corp. Substituted glycinamides. 2,768,166, 10-23-56, Cl. 260-247.2.
- Bruce, William L., to The Goodyear Tire & Rubber Co. New compositions of matter. 2,763,628, 8-18-56, Cl. 260-28.
- Bruchhausen, Christian: *See*—  
Kaue, Karl H., and Bruchhausen. 2,737,912.
- Bruck, George, to Radiation, Inc. Cabinets. 2,730,420, 1-10-56, Cl. 312-213.
- Bruck, George G.: *See*—  
Ward, John W., and Bruck. 2,765,703.
- Bruck, John T., to The Porter-Cable Machine Co. Hand manipulated power operated saber saw. 2,737,984, 3-13-56, Cl. 143-63.
- Brück, Lothar, O. Doehler, and W. Kleen, to Compagnie Generale de Telegraphie Sans Fil. Ultra-short wave oscillator. 2,768,297, 10-23-56, Cl. 250-36.
- Brucker, Milton, to Zenith Plastics Co. Radar reflector. 2,747,180, 5-22-56, Cl. 343-18.
- Bruckner, Grace E., G. H. and C. B. Seelinger. Bathtub elevator. 2,754,523, 7-17-56, Cl. 4-185.
- Bruckner, Harry, and A. Heitmann, to Arista William R. P. Schulz G. m. b. H. Electric baking, roasting and cooking apparatus. 2,741,994, 5-8-56, Cl. 219-3-6.
- Bruckner, Walter, to The Northern Blower Co. Motor control for actuating a dust collector. 2,733,398, 1-31-56, Cl. 318-470.
- Brüder Elsert Aktiengesellschaft: *See*—  
Kohn, Maximilian, and Wesely. 2,763,129.
- Bruderer, Orlando J. Tank construction. 2,736,449, 2-28-56, Cl. 220-1.
- Bruderick, George W. Dressing apparatus. 2,744,515, 5-8-56, Cl. 125-11.
- Bruderick, George W. Mechanical control unit. 2,765,673, 10-9-56, Cl. 74-527.
- Bruderlin, Henry H. Sequence type electrical combination lock. 2,762,952, 9-11-56, Cl. 317-134.
- Budi, Ronald A., to Clark Equipment Co. Pusher attachment for lift trucks. 2,742,167, 4-17-56, Cl. 214-514.
- Budny, Harry, to Dollac Corp. Apparatus for mounting dolls' eyes. 2,753,560, 7-10-56, Cl. 1-210.
- Budny, Harry, to Dollac Corp. Dolls' eyes. 2,753,660, 7-10-56, Cl. 46-169.
- Bueckenbau Flender G. m. b. H.: *See*—  
Riedel, Erich. 2,773,600.
- Buehner, Albert. 2,747,325.
- Brueder, Antoine, to Societe Anonyme Andre Citroen. Electro-magnetic change-speed gear. 2,732,725, 1-31-56, Cl. 74-330.
- Brueder, Antoine, to Societe Anonyme Andre Citroen. Automatic load responsive suspension for vehicles. 2,757,376, 7-31-56, Cl. 280-124.
- Brueder, Antoine, to Societe Anonyme Andre Citroen. Hydraulically operated automatic clutch control device for automobile vehicles. 2,759,584, 8-21-56, Cl. 192-91.
- Brueder, Antoine, to Societe Anonyme Andre Citroen. Electrostatic generators. 2,767,334, 10-16-56, Cl. 310-6.
- Buegger, Ernest, to The Griscoon Russell Co. Apparatus for making fluted tubing. 2,766,805, 10-16-56, Cl. 153-64.5.
- Buehl, Thomas J., H. N. Hovland, and G. E. Verhage, to Marathon Corp. Collapsible tapered carton. 2,760,709, 8-28-56, Cl. 229-39.



- Bruehlheide, Rudolf E. Auxiliary toilet seat. 2,732,566, 1-31-56, Cl. 4—239.
- Bruengger, Heinrich: *See—*  
Graenacher, Charles, and Bruengger. 2,753,239.
- Bruere, Charles A. Vise drill press. 2,747,439, 5-29-56, Cl. 7—44.
- Brustle, Armin O.: *See—*  
Krekeler, Claude B., and Brustle. 2,743,917.
- Brustle, Armin O., to The Cincinnati Mine Machinery Co. Adjustable and renewable mounting of cutter bits in cutter chain sockets. 2,766,029, 10-9-56, Cl. 262—35.
- Brustle, Armin O., and C. B. Krekeler, to The Cincinnati Mine Machinery Co. Cutter bar construction and adjustment therefor. 2,730,347, 1-10-56, Cl. 262—33.
- Brustle, Carl O., to Syncro Machine Co. Transfer device for continuous spoolers. 2,763,442, 9-18-56, Cl. 242—25.
- Brustle, Carl O., to Syncro Machine Co. Reeling distributor. 2,738,391, 12-11-56, Cl. 74—89.
- Bruet, Henri R., to Societe Anonyme dite: "Etablissements Cazeuvene." Vertically adjustable turrets for machine tools. 2,773,298, 12-11-56, Cl. 29—35.5.
- Bruiger Corp.: *See—*  
Dempsey, Joseph B. 2,753,750.
- Bruget, August: *See—*  
Faurel, Paul, and Bruget. 2,754,861.
- Brugge, Joseph E. and P. E. Lubrication control unit. 2,754,889, 7-17-56, Cl. 137—454.2.
- Brugge, Philip E.: *See—*  
Brugge, Joseph E. and P. E. 2,754,839.
- Bruggeman, Warren H., and B. G. Voorhees, to the United States of America as represented by the United States Atomic Energy Commission. Filter with fractional crystallization means. 2,745,552, 5-15-56, Cl. 210—122.5.
- Bruggemeier, George L.: *See—*  
Glass, George J., and Bruggemeier. 2,730,759.
- Brugger, Albert. Thread guide for winding machines. 2,746,688, 5-22-56, Cl. 242—43.
- Brugger, Alfons: *See—*  
Ritzan, Inge, Brugger, and Hfller. 2,772,117.
- Brugner, Wilhelm, to Th. Gieschmidt A. G. Electric shaft furnace. 2,755,325, 7-17-56, Cl. 43—23.
- Brugmann, Albert, to Ludi & Cie, Metallwarenfabriken. Appliance for attaching clips to goods. 2,741,765, 4-17-56, Cl. 1—101.
- Brugler, Richard L.: *See—*  
Wyckoff, Paul W., and Brugler. 2,729,951.
- Brugler, Richard L. and D. Davis, Sr., to Chrysler Corp. Heat exchange coil assembly. 2,744,393, 5-8-56, Cl. 62—140.
- Brugmann, William H., Jr., L. E. Moody, and M. W. Hill, to Esso Research and Engineering Co. Engine preservative oils. 2,758,972, 8-24-56, Cl. 252—33.4.
- Bruhne, Edward G.: *See—*  
Carlson, Martin, and Bruhne. 2,770,004.
- Bruijning, Hugo G., to Hartford National Bank and Trust Co. Very high frequency electron discharge tubes. 2,730,650, 1-31-56, Cl. 315—5.
- Bruijning, Hugo G., to Hartford National Bank and Trust Co., trustee. Device for producing voltage-impulses of short-duration, wherein a discharge-path, which is conductive in a negative direction with respect to the pulses, is connected in parallel with the load. 2,736,800, 2-28-56, Cl. 27—27.
- Bruijsten, Jacobus V. C. M.: *See—*  
Groendijk, Hendrik, Rodenhuis and Bruijsten. 2,740,063.
- Bruins, Paul F., and R. C. Canapary, to Chas. Pfizer & Co., Inc. Esterification of acids. 2,766,273, 10-9-56, Cl. 260—484.
- Brumbaugh, John M., to Radio Corp. of America. Television film recording. 2,763,833, 9-18-56, Cl. 324—20.
- Brumbaugh, Joseph F., and A. H. Retzlaff, to the United States of America as represented by the Secretary of the Air Force. Low frequency triangular waveform generator. 2,764,690, 9-25-56, Cl. 250—36.
- Brumby, Harold, and D. S. Warburton, to Blackburn and General Aircraft Ltd. Composite sectional stairway and doorway arrangement for aircraft. 2,761,637, 9-4-56, Cl. 244—118.
- Brunbild, John C., to I-T-E Circuit Breaker Co. Operating handle adapter. 2,741,684, 4-10-56, Cl. 200—172.
- Brunfield, Philip E.: *See—*  
Johnson, Arnold N., and Brunfield. 2,738,320.
- Brumlen, Edward C., and R. M. Mehl, to Western Pressure Control. Tubing anchor. 2,735,497, 2-21-56, Cl. 166—212.
- Brunel, Donald B. Moldable laminate material and method and apparatus for making same. 2,737,227, 3-6-56, Cl. 154—31.
- Brunner Seal Co.: *See—*  
Heimbuch, Elmer F. 2,759,466.
- Heimbuch, Elmer F. 2,769,390.
- Brunnerhoff, Walter, to Johann Vaillant Kommanditgesellschaft. Gas-fired storage water heater. 2,736,498, 2-28-56, Cl. 236—20.
- Brunnerhoff, Walter, to Johann Vaillant Kommanditgesellschaft. Gas-fired water heater. 2,763,244, 9-18-56, Cl. 122—451.2.
- Bruno, Alberto R. Page end indicator. 2,745,534, 5-15-56, Cl. 107—189.
- Bruna, Nicholas A. Economy toothbrush. 2,772,433, 12-4-56, Cl. 15—176.
- Brundage, Alan D., to Houdaille Industries, Inc. Automotive front seat regulator. 2,765,024, 10-2-56, Cl. 155—14.
- Brundage, Alan D. Windshield wiper drive and parking control. 2,768,530, 10-30-56, Cl. 74—75.
- Brundage, Albert P., deceased, by I. D. Brundage, administratrix. Night signal for ice fishing gear. 2,741,054, 4-10-56, Cl. 43—17.
- Brundage, Isabel D.: *See—*  
Brundage, Albert P. 2,741,054.
- Brundage, James W., to National Rubber Machinery Co. Tire curing press. 2,730,763, 1-17-56, Cl. 18—17.
- Brundage, John F., to Allis-Chalmers Mfg. Co. Tool mounting and adjusting mechanism for tractors. 2,730,029, 1-10-56, Cl. 97—46.07.
- Brundage, William F.: *See—*  
White, Joe, and Brundage. 2,748,383.
- White, Joe, and Brundage. 2,749,542.
- Brundell, Gunnar, and S. H. Tjernstrom, to Wargons Aktiebolag. Method for the production of ferromanganese. 2,733,140, 1-31-56, Cl. 75—11.
- Brundin, Nils H., to Ekstrand & Tholand, Inc. Process for recovery of uranium and other metal values from sulfate solutions. 2,762,685, 9-11-56, Cl. 23—14.5.
- Brundrett, George A.: *See—*  
Funkhouser, Mearick, and Brundrett. 2,732,039.
- Brundrett, George A., and M. Funkhouser, General Motors Corp. Shock absorber. 2,740,500, 4-3-56, Cl. 188—88.
- Brune, Heinrich W., H. Hadrlich, and K. Böhme. Process and apparatus for the manufacture of wire netting. 2,772,701, 12-4-56, Cl. 140—112.
- Brune, Jean E. P., to Lignes Telegraphiques & Telephoniques. Selective electric timing device for ringing signals of telecommunication systems. 2,747,175, 5-22-56, Cl. 340—164.
- Bruneau, Louis O., and P. Boudreau, to Profit Machinery Co., Inc. Folding apparatus. 2,750,186, 6-12-56, Cl. 270—86.
- Brunel, Jacques A. Chute for skiing and tobogganing. 2,742,283, 4-17-56, Cl. 272—56.5.
- Bruner, Ray A., to General Motors Corp. Molding machine. 2,741,012, 4-10-56, Cl. 29—2.
- Bruner Ritter Inc.: *See—*  
Ritter, Saul, and Pfeiffer. 2,761,600.
- Bruner, Walter M., and E. J. Wayne, to E. I. du Pont de Nemours and Co. Polyamide compositions containing a high percentage of metal filler. 2,748,099, 5-29-56, Cl. 260—37.
- Brunetti, Louis P.: *See—*  
Allegretti, Dante M., and Brunetti. 2,770,889.
- Brunetti, Leonello: *See—*  
Grobneider, Joseph, and Brunetti. 2,738,517.
- Brunetti, Leonello, and E. Alchera. Necktie retainer. 2,736,033, 2-28-56, Cl. 2—145.
- Brunhoff Mfg. Co., The: *See—*  
Sand, Carl A. 2,746,823.
- Bruning, Charles C., Inc.: *See—*  
Schulze, John J. 2,766,044.
- Bruning, Earl F. Composite packing. 2,739,855, 3-27-56, Cl. 309—23.
- Brunizeel, Christoffel: *See—*  
Tadema, Marco J., Reman, Brunizeel, and Slokker. 2,768,005.
- Brunk, Leslie L., to Remberles Products Co. Distributor plate assembly. 2,730,583, 1-10-56, Cl. 200—31.
- Brunk, Leslie L. Device for stabilizing a distributor plate. 2,763,741, 9-18-56, Cl. 200—31.
- Brunk, Earl H., to General Motors Corp. Condenser housing and mounting therefor. 2,748,185, 5-29-56, Cl. 174—32.
- Brunner, Alfred, to Sulzer Freres, Societe Anonyme. Fuel supply system for internal combustion engines. 2,747,555, 5-29-56, Cl. 123—22.
- Brunner, Harry C., and S. L. Bradley, to Westinghouse Electric Corp. Excitation system for a variable frequency generator. 2,748,340, 5-29-56, Cl. 322—24.
- Brunner, Henry, to Imperial Chemical Industries Ltd. Vinyl aromatic hydrocarbons reacted with glyceride oils using boron halide catalyst. 2,731,430, 1-17-56, Cl. 260—22.
- Brunner, Henry, to Imperial Chemical Industries Ltd. Modified styrene compositions. 2,736,715, 2-28-56, Cl. 260—23.
- Brunner, Joseph F., Jr., to Kay-Brunner Steel Products, Inc. Sealing device for relatively rotatable parts. 2,746,776, 5-22-56, Cl. 286—5.
- Brunson, Lawrence J. Apparatus for joining tape. 2,734,984, 2-14-56, Cl. 219—21.
- Brunner, Milton F., to Spring Packing Corp. Packing retainer. 2,747,946, 5-29-56, Cl. 308—89.
- Brunner, Paul F., to Northrop Aircraft, Inc. Frictional heater for hydraulic system. 2,764,147, 9-25-56, Cl. 126—247.
- Bruno, Anna: *See—*  
Capocci, Leonardo. 2,761,644.
- Bruno, Peter. Dual storage battery switch. 2,730,581, 1-10-56, Cl. 200—16.
- Bruno, Peter. Dual storage battery system. 2,730,630, 1-10-56, Cl. 290—38.
- Brunot, Helen: *See—*  
Brunot, James and H. 2,752,158.
- Brunot, James and H. Game apparatus. 2,752,158, 6-26-56, Cl. 273—135.
- Bruns, Herbert F., to Ditto, Inc. Rotary offset duplicating machine. 2,753,795, 7-10-56, Cl. 101—144.
- Bruns, William H., and H. E. Galanty, to Otis Elevator Co. Load weighing devices. 2,761,038, 8-28-56, Cl. 200—85.
- Brunsmann, Robert P.: *See—*  
Breston, Carl P. 2,772,447.
- Brunson, Leigh S. Cement mason's float. 2,771,325, 11-20-56, Cl. 306—44.
- Brunson, Ores R. Hedge trimmers. 2,757,453, 8-7-56, Cl. 30—206.

- Brunswick-Balke-Collender Co., The: *See*—  
 Chapman, David, and Reineman. 2,747,654.  
 Lappin, Richard J. 2,757,886.  
 Le Mieux, Robert W. 2,733,464.  
 Montooth, George A. 2,729,449.  
 Montooth, George A., and Bowen. 2,740,631.  
 Montooth, George A., and Bowen. 2,741,930.  
 Reineman, Richard J. 2,744,283.  
 Reineman, Richard J. 2,744,804.  
 Brunthaver, Jean L. Desk mounted waste basket. 2,763,525.  
 9-18-56, Cl. 312-194.  
 Bruntjen, Herman A., to E. A. Polzin. Apparatus for popping corn. 2,743,663, 5-1-56, Cl. 99-238.1.  
 Brunton, Bernard. Hollow beams. 2,753,601, 7-10-56, Cl. 20-0.5.  
 Brunton, Mott G. Self-cleaning filter. 2,742,157, 4-17-56, Cl. 210-152.  
 Brunzel, Norbert, to Farbenfabriken Bayer Aktiengesellschaft. Pressure lubricating bearing. 2,756,114, 7-24-56, Cl. 308-9.  
 Brudsal, Olaf: *See*—  
 Nerad, Anthony J., Johnson, and Brudsal. 2,772,749.  
 Brusell, Ernest J. Multifocal inserts for ophthalmic lenses. 2,736,232, 2-28-56, Cl. 54.  
 Brusell, Ernest J. Multifocal inserts for ophthalmic lenses. 2,736,232, 2-28-56, Cl. 58-54.  
 Brusewitz, Reinhard C. Bale loader. 2,772,793, 12-4-56, Cl. 214-42.  
 Brush, Abbott H., to N. J. Boots. Expandible, knurled and longitudinally slotted screw seat insert. 2,765,697, 10-9-56, Cl. 85-2.4.  
 Brusie, James P.: *See*—  
 McKinley, Clyde, and Brusie. 2,768,214.  
 Bruso, Robert W.: *See*—  
 Alexander, Frank M., and Bruso. 2,769,472.  
 Brust, Harry P., and E. O. Senkbeil, to The Dow Chemical Co.  $\alpha$ , $\alpha$ -dichloropropionic acid esters of the polyhydric alcohols. 2,734,075, 2-7-56, Cl. 260-487.  
 Brust, Harry P., and H. O. Senkbeil, to The Dow Chemical Co.  $\alpha$ -dichloropropionates of the haloaryloxy lower alcohols. 2,753,344, 7-10-56, Cl. 260-487.  
 Bruum, Otto J. Sealing machines for containers. 2,738,632, 3-20-56, Cl. 53-341.  
 Bruyning, Hugo G.: *See*—  
 Rademakers, Adriaan, and Bruyning. 2,774,935.  
 Bruyning, Hugo G., to Hartford National Bank and Trust Co., trustee. Pulse generator. 2,752,500, 6-26-56, Cl. 250-38.  
 Bryan, Augustus M., and C. O. Simms, to Bryan F. F. Mills, Inc. Stocking and method of plating heels in stockings. 2,737,033, 3-6-56, Cl. 66-182.  
 Bryan, F. F. Mills, Inc.: *See*—  
 Bryan, Augustus M., and Simms. 2,737,035.  
 Bryan, James A., Jr.: *See*—  
 Chapman, Edward C., and Bryan. 2,767,290.  
 Bryan, James S., to Philco Corp. Color television registration control system. 2,759,996, 8-21-56, Cl. 178-5.4.  
 Bryan, Thomas E. Removable gas control valve for oil wells. 2,741,189, 4-10-56, Cl. 103-233.  
 Bryan, Wilbur L.: *See*—  
 Bartels, Charles R., Berk, and Bryan. 2,765,302.  
 Bryant, Austin U.: *See*—  
 Grove, Marvin H., and Bryant. 2,772,068.  
 Bryant, Austin U., to Grove Valve and Regulator Co. Method for surfacing aluminum. 2,760,925, 8-28-56, Cl. 204-38.  
 Bryant, Charles M., W. N. Helberg, L. A. Courter, and C. J. Cecil, to The Dow Chemical Co. Apparatus for forming perforations in wells. 2,733,657, 2-7-56, Cl. 102-20.  
 Bryant Chucking Grinder Co.: *See*—  
 Bidwell, Edwin C. 2,754,641.  
 Boyd, Walter A., Jr. 2,772,519.  
 Boyd, Walter A., Jr. 2,772,526.  
 Cargill, Jeffrey M., and Bart. 2,772,484.  
 Gates, Hessler H. 2,762,131.  
 Grobey, Paul A. 2,735,187.  
 Grobey, Paul A. 2,772,481.  
 Grobey, Paul A. 2,774,192.  
 Bryant, Edmond V. Baby cup. 2,765,639, 10-9-56, Cl. 65-13.  
 Bryant Electric Co.: *See*—  
 Forstrom, Edward E. 2,748,205.  
 Forstrom, Edward E., and Allenby. 2,763,739.  
 Forstrom, Edward E., and Allenby. 2,773,139.  
 Littman, William I. 2,735,080.  
 Smith, Clarence M. 2,773,248.  
 Taylor, Owen L. 2,769,289.  
 Bryant, Forrest L., to Bryant Machinery Corp. Centrifugal liquefier for frozen and solid products. 2,734,502, 2-14-56, Cl. 126-343.5.  
 Bryant, Forrest L., to Dairy-mat Corp. Liquid dispensing device. 2,752,068, 6-26-56, Cl. 222-108.  
 Bryant, John H., and A. G. Peifer, to International Telephone and Telegraph Corp. Signal indicating device. 2,753,484, 7-3-56, Cl. 315-13.  
 Bryant, John H., and B. D. McNary, to International Telephone and Telegraph Corp. Traveling wave tubes. 2,771,565, 11-20-56, Cl. 315-3.5.  
 Bryant Machinery Corp.: *See*—  
 Bryant, Forrest L. 2,734,502.  
 Bryant, Paul M. Measuring and sensing devices for containers. 2,773,631, 12-11-56, Cl. 222-430.  
 Bryant, Roger H., and G. R. Whittem, to United States Steel Corp. Traverse mechanism. 2,757,884, 8-7-56, Cl. 242-168.  
 Bryant, Roscoe E. Hospital bed. 2,738,523, 3-20-56, Cl. 5-331.  
 Bryant, Stuart G. Bottle cap remover with magnetic cap retainer. 2,774,264, 12-18-56, Cl. 81-3.1.  
 Bryant, William R. Fire extinguisher and static arrester system for seed cotton precleaner. 2,751,680, 6-26-56, Cl. 19-66.  
 Bryce, Robert M., to M. Friend. Wind deflector for vehicles. 2,739,834, 3-27-56, Cl. 296-84.  
 Bryce, William H., to Dixie Wax Paper Co. Paper bags. 2,752,085, 6-26-56, Cl. 220-55.  
 Bryce, William H., to Dixie Wax Paper Co. Bag sealing machine. 2,766,571, 10-16-56, Cl. 53-373.  
 Bryer, Harry: *See*—  
 Drescher, Sol, and Bryer. 2,744,254.  
 Bryer, John F., to Ram Inc. Method and apparatus for removing scrap from dies for the pressing of clay bodies. 2,733,493, 2-7-56, Cl. 25-129.  
 Bryer, John F., R. E. Steele, and A. R. Blackburn, to Ram Inc. Mold and method for manufacture thereof. 2,733,494, 2-7-56, Cl. 25-129.  
 Bryer, Melvin L., 50% to F. Coughlin. Self-cleaning sand and sediment trap for pump lines. 2,747,737, 5-29-56, Cl. 210-57.  
 Bryn, John G. Fishing tackle. 2,732,648, 1-31-56, Cl. 4-16.  
 Brynes, Kermit: *See*—  
 Stimson, Allen G., Brynes, Jennings, and Taylor. 2,739,506.  
 Stimson, Allen G., Brynes, Jennings, and Taylor. 2,739,506.  
 Brynne, Gunnar: *See*—  
 Brynne, Hannes and G. 2,742,809.  
 Brynne, Hannes and G., to Aktiebolaget B. A. Hjorth & Co. Guide for the movable jaw of a pipe wrench. 2,742,809, 2,742,810, Cl. 81-101.  
 Bryngelson, Lyle M. Billing book. 2,735,695, 2-21-56, Cl. 282-23.  
 Bryson, James L., to Bryson Mfg. Co., Inc. Clutch control device for sewing machines. 2,746,588, 5-22-56, Cl. 192-129.  
 Bryson Mfg. Co., Inc.: *See*—  
 Bryson, James L. 2,746,588.  
 Brzozowski, Witold B. Valveless intermittent combustor with automatic flow control. 2,743,575, 5-1-56, Cl. 60-35.6.  
 Bubl, Robert A., to Mine Safety Appliances Co. Apparatus for forming fibrous annular members. 2,773,434, 12-11-56, Cl. 92-54.  
 Bubl, Robert A., and E. M. Becker, to Mine Safety Appliances Co. Filter and method of fabrication. 2,764,258, 9-25-56, Cl. 183-71.  
 Bubb, Frank W., to Phillips Petroleum Co. Electrical computer for solving simultaneous equations. 2,742,227, 4-17-56, Cl. 235-61.  
 Bubb, Frank W., to Phillips Petroleum Co. Valve control for gas lift. 2,759,429, 8-21-56, Cl. 103-233.  
 Buck, Gustav. Hockey sticks. 2,730,367, 1-10-56, Cl. 273-67.  
 Buc, Saul R., to General Aniline & Film Corp. Preparation of meta-nitro-benzyl chlorides. 2,758,137, 8-7-56, Cl. 260-646.  
 Buc, Saul R., to General Aniline & Film Corp. 2 and 4-nitro-5,5-dimethyl-2-pyridine-dichlorides and their preparation. 2,768,217, 10-23-56, Cl. 260-646.  
 Bucci, Sam. Smoke control for fireplaces. 2,775,239, 12-25-56, Cl. 126-135.  
 Buccione, Dario. Piler stop mechanism. 2,761,682, 9-4-56, Cl. 271-86.  
 Buccione, Dario. Thickness gauge. 2,765,536, 10-9-56, Cl. 33-147.  
 Buccione, Dario. Magnetic sheet handling apparatus. 2,766,043, 10-9-56, Cl. 271-18.  
 Buccione, Vello S. Magnetic switching apparatus. 2,751,150, 6-19-56, Cl. 235-98.  
 Bueck, Hans: *See*—  
 Berghaus, Bernhard, and Bueck. 2,762,945.  
 Bucha, Jerry, to Kalamazoo Vegetable Parchment Co. Machine for erecting, packing, and closing multisided cartons. 2,737,001, 8-2-56, Cl. 53-91.  
 Buchanan, Frank A. Spark plug. 2,774,904, 12-18-56, Cl. 313-125.  
 Buchanan, Andrew E., III, and B. C. Boger, Jr.; said Boger, Jr. assor to said Buchanan, III. Stop motion for shifting shuttle box looms. 2,740,432, 4-5-56, Cl. 139-336.  
 Buchanan, Avery D. Liquid level control valve. 2,761,466, 9-4-56, Cl. 137-414.  
 Buchanan Electrical Products Corp.: *See*—  
 Buchanan, Stephen N. 2,753,742.  
 Buchanan, J. D. Valve. 2,730,124, 1-10-56, Cl. 137-493.1.  
 Buchanan, J. D. Hydraulic pressure operated switch. 2,736,778, 2-28-56, Cl. 200-82.  
 Buchanan, J. D. Hydraulic pressure operated switch. 2,748,219, 5-29-56, Cl. 200-83.  
 Buchanan, J. D., and C. E. Monnich; said Monnich assor, to said Buchanan. Electric switch. 2,767,276, 10-16-56, Cl. 200-82.  
 Buchanan, Leslie B. M., to Westinghouse Electric Corp. Thermostatic actuator for refrigerator controls. 2,742,766, 4-24-56, Cl. 62-6.  
 Buchanan, James M., and C. A. Leedy, to Hoffman Radio Corp., now by change of name to Hoffman Electronics Corp. Tri-atomic automatic frequency control. 2,764,687, 9-25-56, Cl. 250-36.



- Buchanan, Robert F. Incinerator construction. 2,757,622, 8-7-56, Cl. 1-18.
- Buchanan, Stephen N., to Buchanan Electrical Products Corp. Hand tool for crimping electrical connectors. 2,753,742, 7-10-56, Cl. 81-15.
- Buchanan, Stephen N., to Aircraft-Marine Products Inc. Crimping dies for electrical connectors. 2,758,491, 8-14-56, Cl. 81-15.
- Buchele, Donald R., to the United States of America as represented by the Secretary of the Navy. Anamorphic lens system. 2,764,065, 9-25-56, Cl. 88-57.
- Bücheler, Paul, and A. Peter, to Sandoz A. G. Sulfonated 5-acylamino-1,9-isothiazolanthrones. 2,753,976, 7-27-56, Cl. 8-55.
- Bucheler, Paul, and A. Peter, to Sandoz A. G. Dyesulfates of the azo (3)-benzanthrone series and the preparation thereof. 2,759,939, 8-21-56, Cl. 260-272.
- Bücheler, Paul, and A. Peter, to Sandoz A. G. Anthrapridines and the preparation thereof. 2,759,940, 8-21-56, Cl. 260-272.
- Bucher, Edwin E. Snowplow. 2,751,697, 6-26-56, Cl. 37-43.
- Bucher, Francis X.: See—
- Derosa, Louis A., Bucher, and Goldan. 2,749,524.
- Bucher, Fred. Control circuit for a series of electrical units. 2,749,519, 12-18-56, Cl. 307-112.
- Buchheit, Paul: See—
- Wiberg, Egon, and Buchheit. 2,738,358.
- Buchholtz, Reinhardt E. Reflecting wrist band. 2,737,851, 3-13-56, Cl. 83-80.
- Buchholz, Arnold B.: See—
- Jorgensen, Julius, and Buchholz. 2,743,563.
- Buchholz, Julian R. Portable washing machine. 2,740,282, 4-3-56, Cl. 68-132.
- Buchholz, Karl: See—
- Stasny, Fritz, and Buchholz. 2,744,291.
- Büchi, Alfred. Means for charging and scavenging internal combustion engines. 2,730,861, 1-17-56, Cl. 60-13.
- Büchi, Alfred. Multi-stage centrifugal pump or blower. 2,748,713, 6-5-56, Cl. 103-108.
- Büchi, Alfred. Centrifugal blowers or pumps. 2,765,748, 2-7-56, Cl. 103-103.
- Buchignani, Richard G.: See—
- Vandemark, Fred J., and Buchignani. 2,745,562.
- Vandemark, Fred J., and Buchignani. 2,768,761.
- Buckkremer, Josef, and H. Sonnenschein, to American Enka Corp. Elastic mat for upholstery and process of making. 2,753,286, 7-3-56, Cl. 154-90.
- Buchman, A., Sander, and H. B. Erick, to Shallcross Mfg. Co. Machine and method for cutting helical film resistors. 2,773,332, 12-11-56, Cl. 51-15.
- Buchmann, Albin. Self-feeding saw blade for reciprocating motor saws. 2,735,458, 2-21-56, Cl. 143-133.
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- Harvey, George G., and Buchwalter. 2,756,421.
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- Buck, Allen C., to E. I. du Pont de Nemours and Co. Method of finishing wood and product thereof. 2,772,986, 12-4-56, Cl. 117-72.
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- Short, Brooks H., and Buck. 2,762,019.
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- Buck, Clarence G. Torpedo launching rack. 2,744,486, 8-5-56, Cl. 11-239.
- Buck, Donald S.: See—
- Sheppard, Richard L., Mastache, Shapiro, and Buck. 2,751,812.
- Buck, Edward J.: See—
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- Buck, Eugene W. Electromagnetic drill unit. Re. 24,203, 8-28-56, Cl. 71-7.
- Buck, James R.: See—
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- Hunter, William T., and Buck. 2,734,920.
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- Tinkenberg, Meryl W. 2,765,230.
- Wicklund, Arnold T. 2,757,085.
- Bücken, Curt, to Karl Schmidt Gesellschaft mit beschränkter Haftung. Apparatus and method for the casting of shaped articles or machine parts. 2,755,528, Cl. 22-170.
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- Buckett, Arthur C. W. Key holder. 2,756,794, 7-31-56, Cl. 150-40.
- Buckeye Lath Co.: See—
- Cowser, Charles A. 2,756,901.
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- Buckeye Incubator Co., The: See—
- Phillips, Joseph F. 2,733,907.
- Buckeye Iron & Brass Works: See—
- Lindsay, Griffith W. 2,737,401.
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- Buckeye Steel Castings Co., The: See—
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- Wolfe, Harry H. 2,747,750.
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- Buckingham, Richard J. E. Row crop plant thinner. 2,741,172, 4-10-56, Cl. 97-13.
- Buckingham, William D., to The Western Union Telegraph Co. Polar relay. 2,732,454, 1-24-56, Cl. 200-87.
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- Buckland, Bruce O., D. G. Sanders, and C. M. Gardiner, to General Electric Co. Process for removing ash-forming impurities from petroleum residual oils. 2,747,722, 12-18-56, Cl. 196-44.
- Buckland, Bruce O., and A. Y. Hillman, Jr., to General Electric Co. End cap for fluid fuel combustor. 2,775,094, 12-25-56, Cl. 60-39.65.
- Buckley, Ernest P. Incinerator. 2,763,760, 9-18-56, Cl. 219-19.
- Buckler, Roy J. Rock gathering machine. 2,771,727, 11-27-56, Cl. 53-17.
- Buckley, Francis P. Refrigerator latch mechanism. 2,767,011, 10-16-56, Cl. 293-341.16.
- Buckley, Francis T., to Monsanto Chemical Co. Modified polyvinyl acetal resin compositions. 2,746,945, 5-22-56, Cl. 260-457.7.
- Buckley, Frederick D.: See—
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- Buckley, James L., to Georgia-Pacific Plywood Co. Door with built-in deodorizer. 2,771,021, 11-20-56, Cl. 98-87.
- Buckley, Mayo C. Oil burning furnace. 2,750,935, 6-19-56, Cl. 126-116.
- Buckley, Sidney E., and D. H. Owen, to International Standard Electric Corp. Ferromagnetic materials. 2,764,552, 9-25-56, Cl. 252-62.5.
- Buckley, Stuart E., and W. D. Mounce, to Esso Research and Engineering Co. Method for logging wells. 2,740,695, 4-3-56, Cl. 23-230.

- Buckley, William E., to The Cornell Machine Co. Apparatus and method for supplying an accurately measured supply of fluid. 2,737,961, 3-13-56, Cl. 137-7.
- Buckley, William E., to The Cornell Machine Co. Pump device. 2,769,398, 11-6-56, Cl. 103-160.
- Buckman, Wilmer D., to Minneapolis-Honeywell Regulator Co. Variable resistance devices. 2,740,028, 3-27-56, Cl. 201-62.
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- Buckmann, John P., to Union Oil Co. of California. Amide aldehyde resins from amides of oxidized paraffin acids. 2,775,571, 12-25-56, Cl. 260-39.
- Buckner, Orello S.: See—
- Ball, Albert L., Buckner, and Tucker. 2,740,239.
- Buckner, Wilbur G. Shut-off valve. 2,744,536, 5-8-56, Cl. 137-113.
- Bucksbaum, Arnold M., to Collins Radio Co. Means of coupling energy to or from a coaxial resonator. 2,771,516, 11-20-56, Cl. 179-171.
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- Buckwalter, Frank H., to Bristol Laboratories Inc. Poultry and livestock feed. 2,768,081, 10-23-56, Cl. 99-4.
- Buckwalter, Frank H., to Bristol Laboratories Inc. Repository vitamin compositions. 2,768,112, 10-23-56, Cl. 167-53.2.
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- Buckwalter, Howard M., and J. M. Almad, to United States Rubber Co. Dry adhesion method for adhering textile material to rubber. 2,746,898, 5-22-56, Cl. 154-139.
- Bucyrus-Erie Co.: See—
- Meier, Johann H. 2,742,267.
- Mork, George W. 2,753,688.
- Perkins, Origen S. 2,766,536.
- Buckowski, Edward J., S. J. Ostrowski, and H. R. Anderson, to Kearsbey & Mattison. Method and apparatus for making decorated asbestos-cement sheet material. 2,738,713, 3-20-56, Cl. 92-40.
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- Larsen, Herbert J. 2,756,911.
- Budd, Salvatore, to Strappavac Corp. Vacuum cleaners. 2,740,494, 4-3-56, Cl. 183-37.
- Budai, Steve G., to The Globe-Wernicke Co. Structural fastener elements. 2,746,109, 5-22-56, Cl. 24-73.
- Budd Co., The: See—
- Brown, William F., Jr., and Myers. 2,747,520.
- Budd, Carl W. 2,743,683.
- Dean, Albert G. 2,743,821.
- Dean, Albert G. 2,771,039.
- Dean, Albert G., and W. B. 2,743,680.
- Dean, Albert G., Reynolds, and Callender. 2,760,725.
- Dean, Walter B. 2,743,942.
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- Eisen, Carl G. 2,751,480.
- Fuchs, Reinhard, and Hochreiter. 2,771,041.
- Gaenssle, Paul W. 2,760,601.
- Gobrecht, George W. 2,760,443.
- Greenfields, Robert O., and Frey. 2,750,820.
- Murphy, Goodrich K. 2,760,442.
- Ridway, Edmund T. 2,746,789.
- Strickland, Harold A., Jr. 2,734,600.
- Sullivan, Robert W., and Hudson. 2,760,253.
- Watter, Michael. 2,743,923.
- Watter, Michael. 2,756,312.
- Watter, Michael. 2,760,446.
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- Budd, Joseph H., to Textron Inc. Exhaust port cleaner for internal combustion engine. 2,767,695, 10-23-56, Cl. 123-65.
- Budd, Robert D., to Goodman Mfg. Co. Ring beam assembly jig for tunneling machine. 2,764,872, 10-2-56, Cl. 61-84.
- Budd, Sydney D., to The Stowaca Fibre & Can Co. Ltd. Ice trays and grids. 2,734,350, 2-14-56, Cl. 62-103.5.
- Budd, Wilbert H., R. A. Stackhouse, and H. L. Slough, to Chicago Telephone Supply Corp. Combined housing and mounting for variable resistors and similar radio and television controls. 2,740,026, 3-27-56, Cl. 201-48.
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- Budde, Charles H. Safety passenger-holding device. 2,755,101, 7-17-56, Cl. 280-150.
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- Buddemeyer, Bruce D.: See—
- Thompson, Jerome B., and Buddemeyer. 2,733,252.
- Thompson, Jerome B., and Buddemeyer. 2,744,825.
- Thompson, Jerome B., and Buddemeyer. 2,744,826.
- Buder, Spurgeon H., to Radio Corp. of America. Power Supply. 2,753,511, 7-3-56, Cl. 328-22.
- Buani, Deo J. Infant nursing device. 2,774,500, 12-18-56, Cl. 215-11.
- Budin, John G. Railroad frog structure. 2,739,772, 3-27-56, Cl. 246-463.
- Budlong, Simeon, and F. M. Littell, to F. J. Littell Machine Co. Oscillating shear for cutting trapezoidal shapes. 2,767,789, 10-23-56, Cl. 164-49.
- Budney, Henry S.: See—
- Budney, Michael P., H. S., and T. W., and Saczawa. 2,761,352.
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- Budney, Thaddeus W.: See—
- Budney, Michael P., H. S., and T. W., and Saczawa. 2,761,352.
- Budniak, John A. Resilient rod saw frame. 2,769,469, 11-6-56, Cl. 145-33.
- Budnick, Arno A., to Schless A. G. Setting gauge for toothed wheels. 2,746,161, 5-22-56, Cl. 53-185.
- Budnick, Edmund J. Static head compensator for orifice plate companion hangers. 2,759,360, 8-21-56, Cl. 73-211.
- Budnick, Frank O., deceased, by J. Budnick, administratrix, to J. P. Leonetti. Collapsible container. 2,739,410, 3-27-56, Cl. 43-55.
- Budnick, Jeanette: See—
- Budnick, Frank O. 2,739,410.
- Budwig, Gilbert G. Aspirator. 2,744,791, 5-8-56, Cl. 299-142.
- Budworth, David D. Fuel injection arrangement in vortex air stream in an annular combustion chamber surrounding a gas turbine. 2,748,568, 6-5-56, Cl. 60-39.36.
- Budzien, Hugo F., to Fairbanks, Morse & Co. Reversible power transmission mechanism. 2,729,981, 1-10-56, Cl. 74-361.
- Budzien, Hugo F., to Fairbanks, Morse & Co. Engine fuel system. 2,753,165, 7-3-56, Cl. 261-23.
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- Budzien, Hugo F., to Fairbanks, Morse & Co. Flywheel magnet. 2,773,207, 12-4-56, Cl. 310-153.
- Buechele, Walter E., to Brock & Co., Inc. Potato dicing machine. 2,749,955, 6-12-56, Cl. 146-169.
- Bueckeler, Joseph. Motorcycle saddle bag mounting. 2,771,305, 11-20-56, Cl. 280-289.
- Buehler, Arthur: See—
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- Zickendraht, Christian, and Buehler. 2,734,895.
- Buehler, Arthur, and C. Zickendraht, to Ciba Ltd. Metalliferous azo-dyestuffs. 2,749,332, 6-5-56, Cl. 260-145.
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- Buehler, Ernest, and G. K. Teal, to Bell Telephone Laboratories, Inc. Process for producing semiconductive crystals of uniform resistivity. 2,768,914, 10-30-56, Cl. 148-1.6.
- Buehler, Leon, Jr., to The Creamery Package Mfg. Co. Tank construction for cooling liquids. 2,740,269, 4-3-56, Cl. 62-141.
- Buehler, Otto J. Lifting forks. 2,757,035, 7-31-56, Cl. 294-67.
- Buehler, William J.: See—
- Nachman, Joseph P., and Buehler. 2,768,915.
- Buehling, William W. Liquid measuring and dispensing device. 2,768,992, 28-56, Cl. 222-434.
- Buehne, Willis G., to General Electric Co. Electric immersion heater. 2,772,343, 11-27-56, Cl. 219-38.
- Buehner, Howard A., to A. O. Smith Corp. Adjustable stroke ram and piston assembly. 2,736,294, 2-28-56, Cl. 121-38.
- Buehring, Glenn H. Storage tank trailer. 2,772,010, 11-27-56, Cl. 214-394.
- Buell, Barry O.: See—
- Arnett, Raymond L., and Buell. 2,760,638.
- Buell, Floyd E., to Owens-Illinois Glass Co. Burn-off method. 2,764,847, 10-2-56, Cl. 49-77.
- Buensod-Stacey, Inc.: See—
- Kreutner, Joseph W. 2,757,868.
- Shataloff, Nicholas S. 2,747,842.
- Sperzel, Joseph M. 2,752,759.
- Buerer, Wayne W., and R. A. Neal, to Westinghouse Electric Corp. Gas turbine apparatus. 2,766,580, 10-16-56, Cl. 60-35.6.
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- Buerger, Herbert. Beverage and snack dispenser for automobiles. 2,774,480, 12-18-56, Cl. 211-86.
- Buerger, Herbert J.: See—
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- Buescher, Wilbert C., to General Controls Co. Load operating device with automatic declutching mechanism. 2,761,331, 9-4-56, Cl. 74-625.
- Budnick, Arthur J. G. Protective device for the master cylinder of hydraulic brake systems. 2,767,968, 10-23-56, Cl. 261-121.
- Buffalo-Eclipse Corp.: See—
- Thelander, Clement C. J. 2,731,096.
- Buffalo Pottery, Inc.: See—
- Cope, William E. 2,756,671.
- Buffalo-Springfield Roller Co., The: See—
- Harrison, John F. 2,750,751.
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- Bugen, George H. Variable speed mechanism. 2,769,945, 11-6-56, Cl. 74-230-17.
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- Bugg, J. S., Jr.: *See—*  
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- Bugosh, John, to E. I. du Pont de Nemours and Co. Process for preparing alumina sols. 2,763,620, 9-18-56, Cl. 252-313.
- Buhr, August G., to Allis-Chalmers Mfg. Co. Wrench type clamp. 2,730,031, 1-10-56, Cl. 97-198-1.
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- Buie, James L.: *See—*  
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- Buisson, Paul J. C.: *See—*  
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- Buisson, Paul J. C., P. Gailliot, and J. Gaudechon, to Societe des Usines Chimiques Rhone-Poulenc. Preparation of phenothiazine compounds. 2,769,002, 10-30-56, Cl. 260-243.
- Buisson, Pierre. Electronic comparator. 2,732,625, 1-31-56, Cl. 33-148.
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- Buld, Michel D., to United Aircraft Corp. Damper for rotary wing aircraft. 2,754,937, 7-17-56, Cl. 188-97.
- Bujan, Albert F., to Fansteel Metallurgical Corp. Electrolytic condenser. 2,743,399, 4-24-56, Cl. 317-230.
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- Bulecki, Victor. Seam opener. 2,775,034, 12-25-56, Cl. 30-294.
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- Bulkin, Bertram R., to Lockheed Aircraft Corp. Internally illuminated knob. 2,775,686, 12-25-56, Cl. 240-2.
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- Bull, Wilson R., to United States Rubber Co. Method for making laminated tufted cellular rubber sheet material. 2,739,093, 3-20-56, Cl. 154-106.
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- Bullard Co. The: *See—*  
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- Bullard, E. D., Co.: *See—*  
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- Bullard, Edward P., III., to The Bullard Co. Controlled material-handling and transferring apparatus. 2,732,962, 1-31-56, Cl. 214-89.
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- Bullock, Earle C., to Metal Office Furniture Co. Progressive suspensions. 2,762,660, 9-11-56, Cl. 308-3-8.
- Bullock, Gilbert M. Frequency measuring receiver. 2,763,836, 9-18-56, Cl. 324-79.
- Bullock, Giles E. Fruit picking apparatus. 2,775,088, 12-25-56, Cl. 56-332.
- Bullock, Mark W., to Continental Electronics Mfg. Co. Electrical equipment cabinets. 2,774,808, 12-15-56, Cl. 174-16.
- Bullock, Milton W., to American Cyanamid Co. 3-(1,2-dithianyl)-aliphatic acids and their esters. 2,755,288, 7-17-56, Cl. 260-327.
- Bullock, Walter W.: *See—*  
Harrington, Lawrence E. 2,772,026.
- Bulloff, Jack J., to The Commonwealth Engineering Co. of Ohio. Method of making metallic soaps. 2,768,996, 10-30-56, Cl. 260-105.
- Bulloneria E. Viterie Italiana B. E. V. I.: *See—*  
Chiabertta, Serafino and P. 2,740,136.
- Buluck, Julian E., to The Albemarle Paper Mfg. Co. Roll shocking device. 2,749,852, 6-12-56, Cl. 105-369.
- Bulman, E. O., Mfg. Co., Inc. The: *See—*  
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- Bulova Watch Co. Inc. New York: *See—*  
Ferrier, Maurice. 2,756,344.  
Godat, Abel. 2,749,779.  
Hetzel, Max. 2,748,595.  
Hetzel, Max. 2,752,775.
- Bulova Watch Co., Inc., New York, Bienne Branch: *See—*  
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- Buls, Verma W.: *See—*  
Jungthans, Helmut, von Zeppelin, and Müller. 2,758,489.
- Buls, Morris, Rupert C., and Buls. 2,771,487.
- Bumgardner, Clifton Y., to The Springs Cotton Mills. Lifting device for card licker-in rolls. 2,735,648, 2-21-56, Cl. 254-6.
- Bumiller, Jacques, to Societe de Prospection & d'Inventions Techniques. Improvements in and to the use of fastener driving tools. 2,731,636, 1-24-56, Cl. 1-44-5.
- Bumps, Edson S.: *See—*  
Camras, Marvin, and Bumps. 2,733,175.
- Bunblasky, Adolph: *See—*  
Helterline, Leo H., Jr., and Bunblasky. 2,753,512.
- Bunblasky, Adolph, and A. K. Brown, to Sorensen & Co., Inc. Low distortion generator. 2,732,499, 1-24-56, Cl. 250-36.
- Bunblasky, Adolph, and A. K. Brown, to Sorensen & Co., Inc. Voltage regulator. 2,744,231, 5-1-56, Cl. 323-66.
- Bunch, Tillman T., to Western Electric Co., Inc. Apparatus for coiling filamentary materials. 2,753,569, 2-7-56, Cl. 242-25.
- Bunch, Tillman T., to Western Electric Co., Inc. Apparatus for metering conductive materials. 2,750,461, 6-12-56, Cl. 200-81-13.
- Bunch, Tillman T., to Western Electric Co., Inc. Methods of and apparatus for driving a rotating load device. 2,753,688, 7-10-56, Cl. 60-51.
- Bunch, Tillman T., to Western Electric Co., Inc. Methods of and apparatus for applying a stripe of coating material to an elongated article. 2,768,911, 10-30-56, Cl. 117-212.
- Bund, Walter B., and H. W. Sears, to Stillman Rubber Co. Composite article and method of manufacture. 2,764,537, 9-25-56, Cl. 204-15.
- Bunder-Glas G. m. b. H.: *See—*  
Hennings, Werner. 2,758,737.
- Bunds, Charles N., Jr., to Northrop Aircraft, Inc. Stall warning device. 2,748,372, 5-29-56, Cl. 340-27.
- Bundy, Francis P., to the United States of America as represented by the Executive Secretary of the Office of Scientific Research and Development. Underwater sound transducer. 2,745,084, 5-8-56, Cl. 340-11.
- Bundy Tubing Co.: *See—*  
Hobrock, Raymond H. 2,746,141.  
Wallace, Arthur M. 2,730,135.
- Bundy, William H.: *See—*  
Striplin, Marcus M., Jr., Hardin, and Bundy. 2,744,944.
- Bungardt, Walter, to Th. Goldschmidt A.-G. Chemische Fabrik. Process of producing flints by means of extrusion. 2,762,707, 9-11-56, Cl. 75-152.
- Bunge, Fred H., to Armour and Co. Flotation of spodumene. 2,748,938, 6-5-56, Cl. 209-166.
- Bunker, Harden R. Fish lure. 2,763,954, 9-25-56, Cl. 43-42-31.
- Bunn, B. H., Co.: *See—*  
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- Bunnett, Joseph F., to the United States of America as represented by the Secretary of the Navy. Phenol-formaldehyde polymer of N-p-toluenesulfonyl-L-tyrosine. 2,750,347, 6-12-56, Cl. 260-2-2.
- Bunny Bear Inc.: *See—*  
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- Bunsen, William F., J. W. Baxter, J. C. Fischer, and W. W. Vyvyan, to The Ryan Aeronautical Co. Inert gas generator. 2,743,163, 4-24-56, Cl. 23-281.
- Buntenbach, Rudolph W.: *See—*  
Raynsford, Charles K., and Buntenbach. 2,729,103.
- Buntin, George A., to Hercules Powder Co. 1,4,5,8-Tetraoxa-2,3-dithiane-1,4-dithiol-5,5-bis (o-o-dialkyl phosphorodithioates) and insecticidal compositions containing the same. 2,749,271, 6-5-56, Cl. 167-33.
- Buntin, George A., to Hercules Powder Co. 3-Chloro-2,3-dihydrobenzofuran-2-thiol-3-(o-o-dialkyl phosphorodithioate). 2,749,272, 6-5-56, Cl. 167-33.

- Buntin, George A., and W. R. Dively, to Hercules Powder Co. Trichlorodioxanethiol S(O,O-dialkyl phosphorodithioate) and pesticides containing the same. 2,766,170, 10-9-56, Cl. 167-33.
- Bunting, Albert L. Moisture sensitive resistor. 2,742,541, 7-17-56, Cl. 206-61-04.
- Buono, Mario, to U. S. Blind Stitch Machine Corp. Method of making felling stitches. 2,751,870, 6-26-56, Cl. 112-268.
- Buquor, Adolph P. Flashbulb holder and ejector. 2,738,476, 7-17-56, Cl. 333-45.
- Buquor, Adolph P. Lighting fixture and tube. 2,742,619, 4-17-56, Cl. 339-12.
- Buquor, Adolph P. Safety plug and keeper for magnetic socket. 2,751,566, 6-19-56, Cl. 339-12.
- Buras, Frederick, Jr. Paste tube dispensing holder. 2,763,491, 8-15-56, Cl. 222-103.
- Burbank, John E., to Stamford Machine Co., Inc. Staple extractor. 2,750,148, 6-12-56, Cl. 254-28.
- Burbank, Wendell T. *See*—  
Galbraith, Martin, and Burbank. 2,734,375.
- Burbank, Wendell T., to Sutherland Paper Co. Wrapping or packaging machine. 2,733,972, 7-10-56, Cl. 53-88.
- Burbank, Wendell T., to Sutherland Paper Co. Dispensing cartons provided with cutters. 2,766,877, 10-16-56, Cl. 206-58.
- Burbank, Wendell T., to Sutherland Paper Co. Dispensing carton cutter and method of making. 2,771,186, 11-20-56, Cl. 206-58.
- Burbeck, Donald W., and H. B. Brooks, to Hughes Aircraft Co. Method and apparatus for measuring time intervals. 2,738,461, 3-13-56, Cl. 324-68.
- Burgig, Henry, and A. Dolan. Eye cup dispenser. 2,754,821, 7-26-56, Cl. 128-249.
- Burbine, William G. *See*—  
Jordan, Merrill E., and Burbine. 2,763,435.
- Burby, Philip E., to United Shoe Machinery Corp. Lasting machines. 2,743,465, 5-1-56, Cl. 12-12.4.
- Burby, Philip E., to United Shoe Machinery Corp. Heel rest mechanisms. 2,774,086, 12-19-56, Cl. 12-12.4.
- Burch Co., The *See*—  
Bianco, Henry J. 2,775,003.
- Burch, Oren P. Boat trailer. 2,750,058, 6-12-56, Cl. 214-515.
- Burchenal, Charles H., and I. Balinkin, to Cambridge Tile & Mfg. Co. Ceramic tile. 2,733,592, 7-7-56, Cl. 72-18.
- Burchett, Paul C. Manually operated nutcracker. 2,753,906, 7-10-56, Cl. 146-16.
- Burchfield, Willard F., to Jack & Heintz, Inc. Process of filming compound segments and compositions therefor. 2,750,308, 6-12-56, Cl. 117-24.
- Burckhalter, Joseph H., to Parke, Davis & Co. Substituted chloroquinololin compounds. 2,746,963, 5-22-56, Cl. 260-286.
- Burden, Alan E., Co., Inc. *See*—  
Derry, Emanuel. 2,754,920.
- Burdett, Harry W., and P. H. Palen, to Curtiss-Wright Corp. Hydraulic coupling construction. 2,731,119, 1-17-56, Cl. 192-3.2.
- Burdett, Henry S., to G. Stibbe & Co. Ltd. Circular knitting machine. 2,759,342, 8-21-56, Cl. 66-14.
- Burdett, Joseph H., Jr. *See*—  
Adams, Mozei A. 2,729,171.
- Burdett, Philip H. *See*—  
Eckstein, George R., and Burdett. 2,740,472.
- Burdge, Ben H., to Raytheon Mfg. Co. Electrical regulating circuits. 2,774,032, 12-11-56, Cl. 323-22.
- Burdick Bros., Inc. *See*—  
Burdick, Sherman R. 2,745,702.
- Burdick, Sherman R., to Burdick Bros., Inc. Safety valve for fluid control system. 2,745,702, 5-15-56, Cl. 303-84.
- Burdick, Will S., and K. Schneider, to Harnischfeger Corp. Excavator dipper door. 2,735,559, 2-21-56, Cl. 214-145.
- Burdwood, Howard A. Support for blow torch. 2,747,856, 5-29-56, Cl. 266-23.
- Bureau van Tongeren N. V. *See*—  
Dodson, Richard D., and van der Kolk. 2,767,840.
- Burken, Jan H. *See*—  
Buresh, Francis M., and H. Langdon; said Langdon to Curlator Corp. Feeder mechanism for textile machines. 2,744,294, 5-8-56, Cl. 19-67.
- Burg, Fred G. Speed control system for machine tools. 2,767,598, 10-23-56, Cl. 74-665.
- Burg, Hans, to Polopnas Patents Ltd. Furnace burners. 2,738,776, 3-20-56, Cl. 122-6.6.
- Burg, Solomon. Ahead-thrown weapon for submarine warfare. 2,758,542, 8-14-56, Cl. 102-7.
- Burge, James S., F. J. Foust, W. C. Shaw, W. M. Rider, and H. J. McKee, to General Motors Corp. Apparatus for attaching a terminal clip to a wire. 2,736,358, 2-28-56, Cl. 153-1.
- Burge, James S., H. J. McKee, L. H. Conrad, J. F. Salatin, and W. M. Rider, to General Motors Corp. Assembling machine. 2,761,559, 9-4-56, Cl. 209-71.
- Burge, James S., H. J. McKee, R. T. Alexander, L. H. Conrad, W. M. Rider, G. H. Neetzel, and J. F. Salatin, to General Motors Corp. Assembling machine. 2,769,228, 11-6-56, Cl. 29-203.
- Burger, Cletus A., and J. F. Kelley; said Kelley assor., to said Burger. Extensible shelf unit for medicine cabinet. 2,767,041, 10-16-56, Cl. 312-298.
- Burger, Donald E. Automatic emergency brake mechanism. 2,757,763, 8-7-56, Cl. 188-152.
- Burger, Eugene *See*—  
Anderson, Victor E., and Burger. 2,758,649.
- Burger, Francis J., to Emerson Radio & Phonograph Corp. Automatic gain and band width control for transistor circuits. 2,774,866, 12-18-56, Cl. 250-20.
- Burger, Fred L. Shrouded tube compressor. 2,756,904, 7-31-56, Cl. 23-97.
- Burger, Ireland, to the United States of America as represented by the United States Atomic Energy Commission. Solvent extraction equipment. 2,743,170, 4-24-56, Cl. 23-270.5.
- Burger, Seymour G., to Sorensen and Co., Inc. Overload relay circuit. 2,741,527, 4-10-56, Cl. 321-14.
- Burgerstein, Lothar *See*—  
Leyer, Albert, and Burgerstein. 2,753,724.
- Burgess Battery Co. *See*—  
Coleman, Joseph J., and Dittman. 2,771,380.
- Burgess Cellulose Co. *See*—  
Eichmeier, Russell R. 2,739,068.
- Burgess, Donald E. Sharpener for planing machine cutter-block blades. 2,749,677, 6-12-56, Cl. 51-173.
- Burgess, Frank H. One gang multiple lift partition box unit. 2,759,552, 8-21-56, Cl. 229-28.
- Burgess, Gerald. Core recovery apparatus. 2,769,615, 11-6-56, Cl. 255-72.
- Burgess, Glenn A., G. E. Hlavka, and L. S. King, to The Garrett Corp. Method of preparing a substantially dry inert gas useful for inerting spaces. 2,756,215, 7-24-56, Cl. 254-37.
- Burgess, Lauren M., to Acton Laboratories, Inc. Ganged potentiometer construction. 2,748,230, 5-29-56, Cl. 201-55.
- Burgess-Manning Co. *See*—  
Hewitt, Fredrick C. 2,769,211.
- Burgess-Manning Co. *See*—  
Hoyle, Robert L. 2,730,193.
- Burgess-Manning Co. *See*—  
Johnson, Dale L. 2,736,406.
- Burgess-Manning Co. *See*—  
Manning, Willis L. 2,736,928.
- Burgess, Russell H. Method of making heat transfer units. 2,759,236, 8-21-56, Cl. 29-157.3.
- Burgess, Russell H., to Drying Systems, Inc. Air-to-air heat pump apparatus. 2,759,334, 8-21-56, Cl. 62-4.
- Burgess, Russell H., to Drying Systems, Inc. Air to air heat pump apparatus. 2,759,708, 8-21-56, Cl. 257-3.
- Burgess, Russell H., to Drying Systems, Inc. Air to air heat pump apparatus. 2,770,107, 11-13-56, Cl. 62-117.8.
- Burgess, Vincent B. *See*—  
Farmer, Harold C., and Burgess. 2,773,830.
- Burget, Archie L., to L. J. Melcher. Valve core removal and inserting tool. 2,749,783, 6-12-56, Cl. 81-3.
- Burghardt, Milton. Apparatus for spreading dry materials. 2,766,991, 10-16-56, Cl. 275-8.
- Burghdoff, Stanley E. *See*—  
Johnson, Roy W., Biermann, and Burghdoff. 2,743,769.
- Burgie, Roland K. *See*—  
Griner, Leslie J. 2,767,238.
- Burgh, Dora. Device having a cleansing and/disinfecting action. 2,729,828, 1-10-56, Cl. 4-231.
- Burgin, Luther B. Fountain toothbrush. 2,743,042, 4-24-56, Cl. 222-191.
- Burgison, Raymond M., to The Chattanooga Medicine Co. Water soluble salts of 8-(para-aminobenzyl)caffeine and salts for their preparation. 2,729,612, 1-3-56, Cl. 260-256.
- Burgner, Josef. Rotary printing and cutting machine with interchangeable printing cylinders. 2,753,797, 7-10-56, Cl. 101-180.
- Burgsmüller, Karl H., to Gomerue Establishment. Crank driven arrangement. 2,739,510, 3-27-56, Cl. 90-11.64.
- Burgsmüller, Karl H., to Gomerue Establishment. Device for cutting long threads. 2,749,807, 6-12-56, Cl. 90-11.4.
- Burgsmüller, Karl H., to Gomerue Establishment. Thread chasing. 2,749,808, 6-12-56, Cl. 90-11.64.
- Burhans, Frank M., to United Aircraft Corp. Compressor casing lining. 2,742,224, 4-17-56, Cl. 230-122.
- Buri, Alfred, to Sulzer Freres, Societe Anonyme. Device for reducing pressure increments in a pipeline carrying a fluid under pulsating pressure. 2,774,381, 12-18-56, Cl. 138-31.
- Burk, Marvin C., and F. W. Karasek, to Phillips Petroleum Co. Mass spectrometer. 2,761,974, 9-4-56, Cl. 419-41.9.
- Burk, Morris S. Method of installing underground heating pipe systems. 2,773,512, 12-11-56, Cl. 138-48.
- Burk, Robert E., and G. E. Inskip, to E. I. du Pont de Nemours and Co. Vinyl-epoxyethyl-benzene. 2,768,182, 10-23-56, Cl. 260-348.
- Burkard, Ralph F. *See*—  
Lilienfeld, Julius E. 2,742,596.
- Burkart, Owen. Clamp for holding strip material on pad. 2,746,215, 5-22-56, Cl. 51-189.
- Burke, Arthur T. *See*—  
Anderson, Ernest R., and Burke. 2,741,126.
- Burke, Donald J., to Erico Products, Inc. Rail bond and apparatus for attaching same. 2,743,873, 5-1-56, Cl. 238-14.15.
- Burke, Donald J., to Erico Products, Inc. Quick connector. 2,767,384, 10-16-56, Cl. 339-270.
- Burke, Edward J., Sr. *See*—  
Fuhrer, Herbert. 2,755,488.
- Burke, Ethel M. *See*—  
Burke, James P. 2,739,707.
- Burke, James P. 2,752,235.
- Burke, Gerald D., to the United States of America as represented by the Secretary of the Army. Increment holder for mortar shell. 2,767,657, 10-23-56, Cl. 102-49.



- Burke, Harry E.: *See*—  
Strassner, Robert M., and Burke. 2,775,720.
- Burke, Harry E., to Consolidated Electrodynamics Corp. Decimal-digital recording system. 2,759,784, 8-21-56, Cl. 346-33.
- Burke, James A.: *See*—  
Gibbons, Melvin W. and W. J. 2,760,211.
- Burke, James N.: *See*—  
Walton, James R., Burke, and Cure. 2,749,407.
- Burke, James P., deceased; E. M. Burke, executrix, to E. M. Burke. Apparatus for continuously extruding metal. 2,739,707, 3-27-56, Cl. 207-2.
- Burke, James P., to E. M. Burke. Method and apparatus for making steel. 2,752,233, 6-26-56, Cl. 75-60.
- Burke, Peter F. C., to International Standard Electric Corp. Electron discharge apparatus. 2,774,869, 12-18-56, Cl. 250-27.
- Burke, Robert W.: *See*—  
Adelman, Milton, Burke, and Leibowitz. 2,765,440.
- Burke, Thomas F., to the United States of America as represented by the Secretary of the Navy. Acoustic impedance element. 2,754,925, 7-17-56, Cl. 181-5.
- Burke, Thomas F., Jr., to Melpar, Inc. Sonic system. 2,762,584, 6-28-56, Cl. 340-6.
- Burke, W. J., & Co.: *See*—  
Gaetke, George O. 2,733,496.
- McLaughlin, James A. 2,733,736.
- Burke, William E., to International Minerals & Chemical Corp. Process for the production of epsomite from langbeinite. 2,734,332, 1-21-56, Cl. 23-128.
- Burke, William O., to National Lock Co. Latch construction. 2,736,596, 2-28-56, Cl. 292-332.
- Burke, William O., to National Lock Co. Refrigerator latch. 2,767,007, 10-16-56, Cl. 292-216.
- Burkett, Francis L., to The Dow Chemical Co. Apparatus for dispensing shots of molten metal. 2,745,153, 5-13-56, Cl. 22-79.
- Burkett, Wilford B.: *See*—  
Heidner, Richard C., Pike, and Burkett. 2,745,390.
- Burkett, William J., Jr.: *See*—  
Raley, Charles F., Jr., Burkett, and Swearingen. 2,766,478.
- Burkey, Henry T. Fish diverting means. 2,751,881, 6-26-56, Cl. 119-3.
- Burkey, Henry T. Fish diverting method. 2,761,421, 9-4-56, Cl. 119-3.
- Burkey Underwear Co.: *See*—  
Burkey, William A. 2,747,391.
- Burkey, William A., to Burkey Underwear Co. Garment. 2,747,391, 5-29-56, Cl. 66-177.
- Burkhard, Charles A., to General Electric Co. Nitro derivatives of 2-substituted osilicon compounds. 2,756,246, 7-24-56, Cl. 260-448.2.
- Burkhard, Charles A., to General Electric Co. Solid 1-allyl-oxy-2,4,6-trimethylbenzene. 2,757,208, 7-31-56, Cl. 260-613.
- Burkhard, Anton F., and E. H. Boeglin, to Sativa Corp. Fiber treating tank. 2,731,820, 1-24-56, Cl. 68-207.
- Burkhardt, Hans, to Vereinigte Deutsche Metallwerke Aktiengesellschaft. Copper-lead alloys. 2,750,287, 6-12-56, Cl. 75-163.
- Burkhardt, Norman C., and D. L. Jacobowitz, to Jacoby-Burkhardt, Inc. Scarable bracelet linkage with means for preventing accidental separation. 2,765,616, 10-9-56, Cl. 59-79.
- Burkhardt, Wilhelm. Spinning and twisting machine. 2,763,980, 9-25-56, Cl. 57-103.
- Burkhardt, Ernest E. TV antenna guy wire attaching ring. 2,774,809, 12-18-56, Cl. 174-45.
- Burkhart, Harold N., to Keystone Brass Works, Inc. Method for forming T-fitting. 2,762,326, 9-11-56, Cl. 113-44.
- Burkart, Walter E., to Union Carbide and Carbon Corp. Arc working apparatus. 2,770,710, 11-13-56, Cl. 219-130.
- Burkhart, William H., to Monroe Calculating Machine Co. Antiky-bounce circuit. 2,735,091, 2-14-56, Cl. 340-845.
- Burkhart, William H., to Monroe Calculating Machine Co. Magnetic storage systems for computers and the like. 2,739,299, 3-20-56, Cl. 340-174.
- Burkhart, William H., H. M. Fleming, Jr., and F. W. Pfeiffer, to Monroe Calculating Machine Co. Decimal point locator. 2,769,592, 11-6-56, Cl. 235-61.
- Burkhead, Edward J. Roller type sun visor. 2,747,927, 5-29-56, Cl. 296-97.
- Burkholder, Claude A., to General Box Distributors. Veneer feed and sever unit. 2,744,551, 5-8-56, Cl. 144-279.
- Burkholder, Claude A., to General Box Distributors. Box. 2,758,739, 8-14-56, Cl. 217-17.
- Burkholder, John C. Timer. 2,774,028, 12-11-56, Cl. 320-23.
- Burkholder, Ward J., to Diamond Alkali Co. Method of obtaining sodium bicarbonate. 2,773,739, 12-11-56, Cl. 260-613.
- Burkitt, Carl, to Link-Belt Co. Car haul. 2,742,863, 4-24-56, Cl. 104-172.
- Burleigh, Arthur C. Reversible rotary impact tool. 2,747,447, 5-29-56, Cl. 81-52.3.
- Burlein, Lester F., to Cloverleaf-Freeland Corp. Bobbin with tail-tie gudgeon. 2,763,444, 9-18-56, Cl. 242-125.
- Burleson, Aaron, to Patentex, Inc. Process of producing dual twist yarn. 2,751,747, 6-26-56, Cl. 57-157.
- Burleson, Aaron, and M. N. Holmes, to Patentex, Inc. Knitting. 2,771,736, 11-27-56, Cl. 66-146.
- Burleson, Aaron, to Patentex, Inc. Process for producing knitted fabric. 2,771,760, 11-27-56, Cl. 66-201.
- Burleson, Aaron, to Patentex, Inc. Process of preparing yarn. 2,772,101, 11-27-56, Cl. 57-157.
- Burleson, Aaron, and M. N. Holmes, to Patentex, Inc. Process for knitting. 2,736,945, 3-6-56, Cl. 28-76.
- Burleson, Aaron, and M. N. Holmes, to Patentex, Inc. Stretchable stocking. 2,771,757, 11-27-56, Cl. 66-172.
- Burleson, Miles W., to Johns-Manville Corp. Thermal insulating expansion joint for pipes. 2,742,384, 4-17-56, Cl. 154-44.
- Burleson, Robert N. Radius grinding fixture. 2,771,723, 11-27-56, Cl. 51-225.
- Burlin, Philip. Meat slicer guide. 2,747,633, 5-29-56, Cl. 14-14.
- Burling, Elmer R., and J. P. Rich, to Improved Machinery, Inc. Process for countercurrent washing of cooking liquor out of pulp. 2,745,712, 5-15-56, Cl. 8-156.
- Burlington Industries, Inc.: *See*—  
Ballard, Lee. 2,740,433.
- Cook, Harold M. 2,775,377.
- Burluk, David, and E. Rambusch, to Rambusch Decorating Co. Recessed lighting equipment. Re. 24,258, 12-25-56, Cl. 240-78.
- Buris, John A. E., to The Cementation Co. Ltd. Rotary rock mills. 2,763,469, 9-18-56, Cl. 255-61.
- Burman, Harold A., to The Linen Thread Co., Inc. Method of making a non-sag net. 2,741,823, 4-17-56, Cl. 28-72.
- Burman, Joseph O. Box and pad covering machine. 2,762,275, 9-11-56, Cl. 93-54.2.
- Burman, Joseph O., to A. A. Augat Machine & Tool Co., Inc. Hinge and cage machine for hinge and box reinforcing structure. 2,762,554, 9-11-56, Cl. 229-44.
- Burman, Paul G.: *See*—  
Hogeman, Hans, and Burman. 2,758,584.
- Burmeister, Carl. Apparatus and method for washing eggs. 2,750,293, 6-12-56, Cl. 99-113.
- Burney Engineering Co., Inc.: *See*—  
Dibner, David. 2,737,070.
- Dibner, David. 2,737,071.
- Friedman, Gerson, and Lazar. 2,729,995.
- Greer, Leonard. 2,775,283.
- Lazar, Michael, and Waltherhorst. 2,761,339.
- Lee, Marvin, and Pellier. 2,770,818.
- Matthysse, Irving F. 2,738,477.
- Reischer, Walter, and Dupre. 2,775,747.
- Burnell, William J., to Fram Corp. Automatic relief valves for filters. 2,731,154, 1-17-56, Cl. 210-166.
- Burness, Donald M., to Eastman Kodak Co. Preparation of acetals. 2,760,955, 8-28-56, Cl. 260-594.
- Burness, Donald M., to Eastman Kodak Co. Method of making  $\beta$ -ketoacetals. 2,760,987, 8-28-56, Cl. 260-594.
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- Burnett, Edward N., to Gerber Products Co. Apparatus for assembly of interlocking containers. 2,729,041, 1-3-56, Cl. 53-44.
- Burnett, Fred. Wheeled luggage. 2,733,076, 1-31-56, Cl. 280-36.
- Burnett, Fred. Automobile safety steering gear. 2,738,202, 3-13-56, Cl. 280-89.
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- Burnett, George W.: *See*—  
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- Burnett, Jesse W.: *See*—  
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- Burnett, Kenneth N.: *See*—  
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- Burnett, Lionel C., to Ericsson Telephones Ltd. Electronic counting or registering arrangements. 2,739,266, 3-20-56, Cl. 315-84.6.
- Burnett, Richard T., to Bendix Aviation Corp. Transmission. 2,745,295, 5-15-56, Cl. 74-677.
- Burnet, Stanley F., to Sea-Conging Gears Ltd. Actuating mechanism for clutches. 2,773,578, 12-11-56, Cl. 192-98.
- Burney, Charles D., to Fresh Frozen Foods Ltd. Trawling gear. 2,730,829, 1-17-56, Cl. 43-8.
- Burney, David E. Shock-absorbent spring assembly. 2,774,478, 10-5-56, Cl. 267-62.
- Burney, Henry P., Jr., and J. L. Felder. Artificial limestone. 2,758,033, 8-7-56, Cl. 106-97.
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- Burnham, Claude W., to E. D. Bullard Co. Safety hook. 2,728,967, 1-3-56, Cl. 24-241.
- Burnham, Keith E.: *See*—  
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- Burnham, Margaret M.: *See*—  
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- Burnham, Robert R., to Union Carbide and Carbon Corp. Water repellent composition. 2,737,458, 3-6-56, Cl. 106-171.
- Burnham, Thomas C., to Rohr Aircraft Corp. Method of treating articles requiring annealing. 2,748,037, 5-29-56, Cl. 148-6.15.
- Burnight, Thomas R. Pulse multiplex communication system. 2,736,772, 2-28-56, Cl. 179-15.
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- Burns, Albert L., Jr., to Houston Oil Field Material Co., Inc. Hydrostatic ram. 2,733,045, 1-31-56, Cl. 255-27.

- Burns, Harvey R. Tape cutting device. 2,731,084, 1-17-56, Cl. 164-36.
- Burns, Ida G. Protective cover device. 2,731,999, 1-24-56, Cl. 150-52.
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- Burns, Lloyd E., to Raytheon Mfg. Co. Transistor assemblies. 2,757,439, 8-7-56, Cl. 29-25.3.
- Burns, Lyle J. Combined temperature-regulating and signaling device for coffee brewers. 2,756,667, 7-31-56, Cl. 99-285.
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- Burns, Raymond E.: *See*—
- Clifford, Warren E., and Burns. 2,769,780.
- Burns, Robert M., to The Enterprise Mfg. Co. Salt water ice. 2,760,477, 7-28-56, Cl. 64-1.
- Burns, Robert S.: *See*—
- Sutphen, Fred G., Canfield, Myers, Sams, and Burns. 2,755,210.
- Burns and Russell Co.: *See*—
- Raskin, Betty L., and Morton. 2,752,275.
- Burns & Russell Co. to B. A. The: *See*—
- Sergovic, John A. 2,751,775.
- Burns, Sam. Tension screens. 2,741,304, 4-10-56, Cl. 160-328.
- Burns, Walter R., P. Gennario, and H. R. Ives. Apparatus for cutting stacked pieces of material. 2,739,646, 3-27-56, Cl. 164-35.
- Burns, William E.: *See*—
- Swenson, James A., Burns, and Stead. 2,772,681.
- Burns, William E., to Phillips Petroleum Co. Purification of heterocyclic nitrogen. 2,757,130, 7-31-56, Cl. 202-52.
- Burns, William E., to Phillips Petroleum Co. Methyltetrahydropyridine-methylvinylpyridine fractionation. 2,769,773, 11-6-56, Cl. 202-46.
- Burnside, Don G., to Radio Corp. of America. Indium-gold amalgams. 2,767,085, 10-16-56, Cl. 75-134.
- Burnside, Harvey E. W.: *See*—
- Barr, Frank T., Brown, Burnside, and Jahng. 2,773,017.
- Jahng, Charles E., Burnside, and Brown. 2,731,400.
- Martin, Homer A., Brown, and Burnside. 2,734,021.
- Martin, Homer Z., Burnside, Barr, and Krebs. 2,763,601.
- Burnside, Harvey E. W., C. E. Jahng, and J. W. Brown, to E. I. du Pont de Nemours and Co. SLS heated fluid conversion system. 2,736,687, 2-28-56, Cl. 196-35.
- Burnside, John I. Leg traction shoe or boot. 2,760,487, 8-28-56, Cl. 128-84.
- Burnside, Okey S. Air cleaner and moisture for carburetors. 2,769,624, 11-6-56, Cl. 261-23.
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- Burrell, Beryl D.: *See*—
- Burrell, George G. and B. D. 2,733,880.
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- Burrell, Gilbert, to General Motors Corp. Intake manifold. 2,730,091, 1-10-56, Cl. 123-122.
- Burrell, Gilbert, to General Motors Corp. Valve rotating device. 2,742,029, 4-17-56, Cl. 123-90.
- Burrell, Gilbert, to General Motors Corp. Crankcase ventilation. 2,771,067, 11-20-56, Cl. 123-41.86.
- Burris, Glenn A. Hydraulic interval timer. 2,730,354, 1-10-56, Cl. 267-1.
- Burris, Nikomis O. Liquid tank filling mechanism. 2,734,524, 2-14-56, Cl. 137-426.
- Burris, William M. Seed broadcaster. 2,758,842, 8-14-56, Cl. 275-3.
- Burroughs Adding Machine Co.: *See*—
- Rosenberg, Charles B. 2,758,694.
- Burroughs, Cedric B. Tobacco picker's cart. 2,734,751, 2-14-56, Cl. 280-32.5.
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- Beckman, Carl, and Jensen. 2,738,484.
- Briggs, Thomas H., Jr. 2,732,512.
- Butler, Thomas M. 2,729,392.
- Chen, Tung C. 2,761,998.
- Chow, Shou-Hsien. 2,762,935.
- Dedek, Frank G., and Schaar. 2,732,063.
- Early, Harold C., and Orr. 2,737,882.
- Gross, Isadore. 2,742,595.
- Hoffman, Paul R. 2,775,300.
- Jones, John P. 2,747,100.
- Kuchlinsky, Saul. 2,733,409.
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- Lund, George E. 2,753,545.
- Paivinen, John O. 2,729,807.
- Parker, Charles A. 2,738,129.
- Parker, Charles A. 2,740,582.
- Parker, Charles A., and Rainey. 2,731,197.
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- Runde, Byron A. 2,765,980.
- Solla, Alexander A. 2,769,682.
- Sphen, Herman A. 2,773,645.
- Stran, Oscar B. 2,751,513.
- Von Glahn, William F. W. 2,757,604.
- Wockenfluss, William. 2,743,868.
- Burroughs, Edwin E.: *See*—
- Hahn, Willard E., and Burroughs. 2,753,768.
- Burroughs, Edwin E., to St. Regis Paper Co. Bag bottomer. 2,753,769, 7-10-56, Cl. 93-22.
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- Baltzy, Richard, Ide, and Lorz. 2,742,472.
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- Baltzy, Richard, and Sherwood. 2,755,279.
- Beals, Ernest L., and Trupp. 2,765,256.
- Bushy, Stanley R. M. 2,759,868.
- Hitchings, George H., and Elion. 2,746,961.
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- Hitchings, George H., and Falco. 2,759,949.
- Hitchings, George H., and Robins. 2,749,344.
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- Hitchings, George H., Russell, and Whittaker. 2,745,831.
- Phillips, Arthur P., and Wnuck. 2,759,941.
- Walls, Leslie P. 2,767,188.
- Walton, Eric. 2,735,867.
- Whittaker, Norman. 2,755,298.
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- Burroughs, Wise, to Iowa State College Research Foundation. Inc. Method of raising beds of soil and sheet and feed rations for use therein. 2,751,303, 6-19-56, Cl. 99-2.
- Burrows, James F.: *See*—
- Levy, John, and Burrows. 2,767,830.
- Burrows, Lawton A., and W. E. Jordan, to E. I. du Pont de Nemours and Co. Composition comprising a polyoligonated ethylene polymer and viscose and process of shaping the same. 2,772,444, 12-4-56, Cl. 18-47.5.
- Burrows, Milford D., to Pioneer Gen-E-Motor Corp. Conversion unit for portable saw. 2,767,747, 10-23-56, Cl. 143-132.
- Burrows, Milford D., S. Z. Siwek, and H. Goldberg, to Pioneer Gen-E-Motor Corp. Suction type carburetor. 2,750,172, 6-12-56, Cl. 261-72.
- Burros, Robert E., to Clark Equipment Co. Tractor shovel. 2,773,613, 12-11-56, Cl. 214-140.
- Bursack, William W., to Minneapolis-Honeywell Regulator Co. Ice dehydrator. 2,734,456, 7-17-56, Cl. 340-234.
- Bursell, Claes G. B. Sleeve shaping devices. 2,730,276, 1-10-56, Cl. 223-67.
- Burst, Francis J., and H. Weese, to Hill-Rom Co., Inc. Cabinet construction. 2,730,421, 1-10-56, Cl. 312-257.
- Burstall, Francis E., P. J. Forrest, N. F. Kember, and R. A. Wells, to The National Research Development Corp. Method of recovering gold from cyanide solutions. 2,753,258, 7-3-56, Cl. 75-118.
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- Burt, Donald A.: *See*—
- Carleton, James T., and Burt. 2,757,332.
- Burt, Farlow B., to Bendix Aviation Corp. Clutch and spindle disengaging means for turntables. 2,730,221, 1-10-56, Cl. 192-117.
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- Burt, Gordon H., to Tru Colour Film Ltd. Colour photography. 2,770,542, 11-13-56, Cl. 95-88.
- Burtt, Mel, to Claremont S. Luggage handle. 2,768,721, 10-30-56, Cl. 190-57.
- Burtis, Theodore A., to Houdry Process Corp. Method and apparatus for contacting solids with fluids. 2,767,128, 10-16-56, Cl. 196-52.
- Burton, Joseph P., Jr.: *See*—
- Bridges, Alvin G., and Burtiz. 2,749,690.
- Burner, Robert R., to G. D. Searle & Co. Acyl guanidines and processes for the manufacture thereof. 2,734,904, 2-14-56, Cl. 260-295.
- Burner, Robert R., to G. D. Searle & Co. 2-Amino-6-aryl-5,6-dihydro-4-hydroxypyrimidines. 2,748,120, 5-29-56, Cl. 260-256.4.
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- Burton-Dixie Corp.: See—  
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- Burton, Edward F., Combination rotary kitchen appliance, 2,762,613, 9-11-56, Cl. 259—58.
- Burton, Hobart, to Washington Iron Works, Tower yarder and loader, 2,734,641, 2-14-56, Cl. 212—7.
- Burton, Howard F., to The Black & Decker Mfg. Co., Apparatus for and method of manufacturing hole saws, 2,747,435, 5-29-56, Cl. 76—29.
- Burton, Joe M., to Phillips Petroleum Co., Hypergolic fuel and the method of using it, 2,769,304, 11-6-56, Cl. 60—35.4.
- Burton, John W., Racing horse shoe, 2,742,969, 4-24-56, Cl. 168—24.
- Burton, Joseph A., to Bell Telephone Laboratories, Inc., Process of fabricating germanium single crystals, 2,774,695, 12-18-56, Cl. 143—65.
- Burton, Lester W., and S. P. Jackson, to General Electric Co., Sealed rectifier unit and method of making the same, 2,744,218, 5-1-56, Cl. 317—234.
- Burton, Lester W., to General Electric Co., Rectifier cell mounting, 2,751,528, 6-19-56, Cl. 317—234.
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- Burton, Lockwood D., to Radio Corp. of America, Magnetic recording apparatus, 2,751,439, 6-19-56, Cl. 179—100.2.
- Burton Mfg. Co.: See—  
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- Burton, Milton: See—  
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- Burton, Robert W., to General Motors Corp., Fluid power steering, 2,753,848, 7-10-56, Cl. 121—38.
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- Burton, Walter E., Method and apparatus for producing moldable rubber or rubber like articles, 2,745,139, 5-15-56, Cl. 18—34.
- Burton, William K., to Ford Motor Co., Carbon removal apparatus, 2,741,404, 4-10-56, Cl. 222—335.
- Burton, William P.: See—  
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- Burton, William P., and E. W. Riblett, to The M. W. Kellogg Co., Reforming process, 2,768,933, 10-30-56, Cl. 196—50.
- Burton, Harold L., and D. De Tar, said De Tar assessor, to said Burton, Locking mechanism for electrical connectors, 2,760,174, 8-21-56, Cl. 339—91.
- Burweiger, Lorenz, and P. E. Kreker, Trailer with elevatable bed, 2,774,606, 12-18-56, Cl. 280—44.
- Burwell, Albert L., to University of Oklahoma Research Institute, Process for the recovery of lime and hydrogen sulfide from calcium sulfate, 2,740,691, 4-8-56, Cl. 23—181.
- Burwell, Maurel G., to Century Tank Mfg. Co., Method for producing an aggregate-lined corrosion-resistant hot water tank, Re. 24,187, 7-31-56, Cl. 117—64.
- Bush, A. A., to Indiana Commercial Filters Corp., Discharge door construction for a fiber conditioning apparatus, 2,748,998, 6-5-56, Cl. 222—503.
- Bushin, Lawrence W., Cigar and cigarette lighter, 2,773,164, 4-4-56, Cl. 219—32.
- Bushy, Arthur D., and R. H. T. Dixon, to The International Nickel Co., Inc., Method for producing magnesium containing cast iron, 2,757,082, 7-31-56, Cl. 75—130.
- Bushy, Benjamin H.: See—  
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- Bushy, Lewis L., Gripping device having a pivoted actuating handle, 2,745,636, 6-5-56, Cl. 81—3.
- Bushy, Lyle E., to Standard Oil Co. of California, Process for conducting chemical reactions involving corrosive materials, 2,768,200, 10-23-56, Cl. 260—515.
- Busch, Emil A., Pie dough and method of manufacture thereof, 2,731,350, 1-17-56, Cl. 99—92.
- Busch, Ferdinand W., Sickle holder and sharpener, 2,773,334, 12-11-56, Cl. 51—96.
- Busch, Floyd H., and D. A. Quaglieri, to General Electric Co., Seal for a meter housing, 2,772,109, 11-27-56, Cl. 292—97.
- Busch, Frank R., Carbureting device, 2,740,391, 4-3-56, Cl. 123—119.
- Busch, Lee S.: See—  
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- Busch, Norman G., to Air Controls, Inc., Resilient mounting for blower, 2,755,017, 7-17-56, Cl. 280—117.
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- Bushert, Robert H., to The Glenn L. Martin Co., Warship weapons system including aircraft storing and launching arrangement, 2,735,391, 2-21-56, Cl. 114—1.
- Buschhammer, Gustav, Box for the storage of sewing needles, 2,771,990, 11-27-56, Cl. 206—66.
- Buschmann, Hans: See—  
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- Busdiecker, Elmer, to The Cleveland Pneumatic Tool Co., Self-contained automobile window actuator, 2,756,991, 7-31-56, Cl. 268—133.
- Buselli, Alio J.: See—  
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- Buselli, Gilbert B., Fortner, and Buselli, 2,751,628.
- Buselli, Alio J., and F. E. McKenna, to Air Reduction Co., Inc., Catalytic polymerization of acetylene, 2,743,264, 4-24-56, Cl. 260—94.1.
- Buseth, Harlan: See—  
Opocensky, Willard J., Buseth, and Cole, 2,742,801.
- Busey, James D., to Besley-Welles Corp., Magnetic feed for grinding machine, 2,764,850, 10-2-56, Cl. 51—112.
- Busfield, Gordon, to Research Corp., Electrical precipitator, 2,751,036, 6-19-56, Cl. 183—7.
- Bush, Denis G.: See—  
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- Bush, Everett M., Pulley block and base, 2,772,857, 12-4-56, Cl. 254—195.
- Bush, Francis H., to Sprague Electric Co., Electrolyte, 2,757,140, 7-31-56, Cl. 252—62.2.
- Bush, George L., G. W. Dennis, and M. L. Haselton, to The Teleregister Corp., Electromagnetically settable indicator unit, 2,737,650, 3-6-56, Cl. 340—379.
- Bush, George L., and J. W. Cornwell, to The Teleregister Corp., Indicator device and analogue computer circuit, 2,752,093, 6-26-56, Cl. 235—61.
- Bush, Joachim G.: See—  
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- Bush, John A., to the United States of America as represented by the Secretary of the Army, Modulation corrector, 2,764,738, 9-25-56, Cl. 332—18.
- Bush, Lee, Auxiliary steam engine attachment for internal-combustion engines, 2,737,014, 3-6-56, Cl. 60—14.
- Bush, Noah B., Automatic stop for slide drawers, 2,765,208, 10-16-56, Cl. 313—348.
- Bush, Orville J., to The Glenn L. Martin Co., Zero-length launcher for aircraft, 2,729,406, 1-3-56, Cl. 244—63.
- Bush, Rankin J.: See—  
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- Bush, Rankin J., to Westinghouse Air Brake Co., Air compressor, 2,772,828, 12-4-56, Cl. 230—46.
- Bush, Russell J.: See—  
Morgann, Robert O., and Bush, 2,729,315.
- Bush, Russell J., and C. L. Moorman, to General Motors Corp., Sealing strip, 2,736,076, 2-28-56, Cl. 20—69.
- Bush, Thomas F.: See—  
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- Bush, Vannevar, to The Hydrofoil Corp., Pressure bulb control mechanism for hydrofoil craft, 2,749,869, 6-12-56, Cl. 114—66.5.
- Bush, Walter M., 50% to G. O'Donnell, W. E. Knapp, and P. C. Davis, Expanding backup ring for packer rubbers, 2,767,795, 10-23-56, Cl. 166—204.
- Bushby, Stanley R. M., to Burroughs Wellcome & Co. (U. S. A.) Inc., Manufacture of polymyxins B and E, 2,759,868, 8-21-56, Cl. 167—65.
- Bushcott, Rudolph A.: See—  
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- Bushnell, David P.: See—  
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- Bushnell, James D., and R. L. Berg, to Esso Research and Engineering Co., Feed stock for naphtha reforming, 2,772,220, 11-27-56, Cl. 196—50.
- Bushong, Raymond M., and A. A. Kellar, to Union Carbide and Carbon Corp., Process of making shaped carbon articles, 2,761,848, 9-5-56, Cl. 252—510.
- Business Systems, Inc.: See—  
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- Buskirk, Oliver B.: See—  
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- Busque, Charles S., Land clearing implement, 2,771,693, 11-27-56, Cl. 37—2.
- Busquets, Juan B., and P. B. Forgas, Donning mechanism for continuous spinning machines, 2,751,746, 6-26-56, Cl. 57—52.
- Buss, Benjamin A., to American Machine and Metals, Inc., Automatic controls for commercial washers, 2,750,777, 6-19-56, Cl. 68—12.
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- Bussard, Emmerly J. H., to Avco Mfg. Corp., Combined very-high-frequency and ultra-high-frequency tuner for television receiver, 2,748,286, 5-29-56, Cl. 250—40.
- Bussard, Emmerly J. H., and R. Nathan, to Avco Mfg. Corp., Ultra-high-frequency converter for very-high-frequency television receiver, 2,763,776, 9-18-56, Cl. 250—20.
- Bussard, John A., Refrigerator curtains, 2,748,851, 6-5-56, Cl. 160—126.
- Bussert, Clarence E., Floral display, 2,759,285, 8-21-56, Cl. 41—13.
- Bussey, Howard E., to the United States of America as represented by the Secretary of Commerce, Reflected-ray eliminators, 2,763,001, 9-11-56, Cl. 343—841.
- Bussey, Lynn E., and L. E. Cox, Portable powered fire extinguisher, 2,757,958, 8-7-56, Cl. 299—30.
- Bussiere, Louis, to Davis & Furber Machine Co., Apparatus for and method of yarn spinning, 2,737,008, 3-6-56, Cl. 57—73.
- Bustin, Norris L., and C. T. Smith, to Masonite Corp., Method of cleaning press wires, 2,775,170, 12-25-56, Cl. 92—61.
- Busto, Mario, Measuring and dispensing device for making varied-larger drinks, 2,740,571, 4-3-56, Cl. 226—19.
- Buswell, Robert J.: See—  
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- Buszka, Henry: *See*—  
Colton, Wilbert G., and Buszka. 2,735,945.
- Butcher, Albert F. Pipe forming machine. 2,748,442, 6-5-56, Cl. 25-32.
- Butcoski, Richard A., to Socony Mobil Oil Co., Inc. Lithium soap grease with phosphate ester vehicle. 2,737,493, 3-6-56, Cl. 252-36.
- Butcoski, Richard A., to Socony Mobil Oil Co., Inc. Kettle-cooled lithium stearate grease containing an aliphatic monohydric alcohol. 2,769,781, 11-6-56, Cl. 252-40.
- Butler, Frederick G., to W. M. Robbins. Adjustable height stock-watering apparatus. 2,749,832, 6-12-56, Cl. 119-74.
- Butkovich, John M. Self-locking and self-ejecting electric outlet and plug. 2,746,021, 5-15-56, Cl. 339-45.
- Butler, Beatrice. Ash tray attachment. 2,743,729, 5-1-56, Cl. 131-235.
- Butler, Charles W.: *See*—  
Parker, Warren H. 2,744,365.
- Butler, Donald: *See*—  
Lowe, Arnold J., and Butler. 2,736,716.
- Butler, Edgar M., to Butler Engineering Co., Inc. Electrolytic water correction device. 2,754,260, 7-10-56, Cl. 204-248.
- Butler Engineering Co., Inc.: *See*—  
Butler, Edgar M. 2,754,260.
- Butler, Ernest L., and O. M. Holmes, to United Shoe Machinery Corp. Heel end assembling machines. 2,774,085, 12-18-56, Cl. 12-1.
- Butler, Frank D. T-shaped rotor type of, multiple group expansion, opposite dual flow pressure velocity compounded, combustion gas turbine motive power assembly. 2,746,248, 5-22-56, Cl. 60-39.34.
- Butler, Frank D. Internal fluid pressure variable, combined hydrodynamic and planetary gearing driven, reversible sun-gear type of, transmission coupler. 2,747,429, 5-29-56, Cl. 74-688.
- Butler, Frank D. Combined hydrodynamic and planetary gearing drive. 2,763,166, 9-18-56, Cl. 74-752.
- Butler, Frank D. Combined hydrodynamic and multi-compounded planetary gearing driven, internal fluid pressure actuated and controlled, dual flow type of variable reversible transmission coupler. 2,764,040, 9-25-56, Cl. 74-730.
- Butler, Harry S., and C. C. Harvey, Jr., to Ethyl Corp. Emulsifiable insecticidal concentrates. 2,768,111, 10-23-56, Cl. 167-43.
- Butler, Henry J., to Dunlop Rubber Co. Ltd. 2,733,783, 2-7-56, Cl. 188-218.
- Butler, Henry J., to Dunlop Rubber Co. Ltd. Brake with dust shield. 2,746,577, 5-22-56, Cl. 188-264.
- Butler, Henry J., to Dunlop Rubber Co. Ltd. Vehicle brake. 2,754,936, 7-10-56, Cl. 188-73.
- Butler, Henry J., to Dunlop Rubber Co. Ltd. Disc brakes for vehicles. 2,762,460, 9-11-56, Cl. 188-72.
- Butler, Henry J., to Dunlop Rubber Co. Ltd. Disc type brake for vehicles. 2,768,710, 10-30-56, Cl. 188-72.
- Butler, Herbert G., to Winget Ltd. Loading apparatus. 2,758,726, 8-14-56, Cl. 214-2.
- Butler, Hugh E. J., to Hall Telephone Accessories Ltd. Apparatus for separating stacked flat articles. 2,774,595, 12-18-56, Cl. 271-12.
- Butler, Jesse L., to Sanders Associates, Inc. Rotary transmission line connection. 2,753,531, 7-3-56, Cl. 333-97.
- Butler, Judson: *See*—  
Adams, Robert T., Butler, and Heaton. 2,734,085.
- Adams, Robert T., Butler, and Heaton. 2,737,480.
- Lum, Funston G., Carlson, and Butler. 2,766,221.
- Lum, Funston G., Carlson, and Butler. 2,766,222.
- Butler, Keith H., to Sylvania Electric Products Inc. Preparation of halophosphate phosphors. 2,755,254, 7-17-56, Cl. 252-301.4.
- Butler, Keith H., to Sylvania Electric Products Inc. Electro-luminescent zinc sulfide phosphor. 2,772,242, 11-27-56, Cl. 252-301.6.
- Butler, Keith H., to Sylvania Electric Products Inc. Calcium cadmium phosphate phosphor. 2,774,738, 12-18-56, Cl. 252-301.6.
- Butler, Keith H., and H. H. Homer, to Sylvania Electric Products, Inc. Blue electro-luminescent zinc sulfide phosphor. 2,745,811, 5-15-56, Cl. 252-301.6.
- Butler, Keith H., and C. M. Olson, to E. I. du Pont de Nemours & Co. Process for the production of pure silicon in a coarse crystalline form. 2,773,745, 12-11-56, Cl. 23-223.5.
- Butler, Keith H., and R. M. Rulon, to Sylvania Electric Products, Inc. Method of making an electro-luminescent phosphor. 2,774,739, 12-18-56, Cl. 252-301.6.
- Butler, Oscar. Taxicab control system having time delay means. 2,731,100, 1-17-56, Cl. 180-82.
- Butler, Raymond B.: *See*—  
Butler, Walter E. and R. B. 2,755,787.
- Butler, Robert C.: *See*—  
Hosier, Albert E., and Butler. 2,771,724.
- Butler, Robert P., 2% to J. J. Reader, 22% to A. E. Fisher, and 1% to H. E. Rose, jointly. Heating system. 2,742,233, 4-7-56, Cl. 237-9.
- Butler, Roger M., and A. C. Plewes, to Queen's University. Apparatus for density measurement and control. 2,760,375, 8-29-56, Cl. 73-453.
- Butler, Roy T.: *See*—  
Smith, Ben J., and Butler. 2,753,202.
- Butler, Stuart: *See*—  
Stevens, Cyril J., and Butler. 2,753,591.
- Butler, Thomas M., to Burroughs Corp. Control means for calculating machine. 2,729,392, 1-3-56, Cl. 235-60.47.
- Butler, Wallace B., and M. M. Johnson, Jr., to Olin Mathieson Chemical Corp. Box-magazine for firearms. 2,735,206, 2-21-56, Cl. 42-18.
- Butler, Walter E. and R. B. Preliminary lubricating means for an engine. 2,755,787, 7-24-56, Cl. 123-196.
- Butler, William F., to Cutter Laboratories. Drip meter. 2,729,212, 1-3-56, Cl. 128-214.
- Butler, William F., to Cutter Laboratories, Inc. Drip meter. 2,730,098, 1-10-56, Cl. 128-214.
- Butters, Ben. Agricultural combine chaffer screen. 2,739,597, 3-20-57, Cl. 130-24.
- Butterfield, Jack: *See*—  
Barracough, William, and Butterfield. 2,757,885.
- Butterfield, John P., to Chrysler Corp. Air cooled wheel brake. 2,740,502, 4-3-56, Cl. 188-264.
- Butterfield, John P., and A. L. Higbie, to Chrysler Corp. Components for a closed hydraulic system and the like and method of manufacturing same. 2,733,572, 2-7-56, Cl. 60-54.5.
- Butterfield, Peter, to Aeroquip Corp. Balanced valved self-sealing coupling. 2,765,181, 10-2-56, Cl. 284-18.
- Butters, Otto, to Atlas Imperial Diesel Engine Co. Can body heater. 2,741,292, 4-10-56, Cl. 153-73.
- Butterworth, Jack E.: *See*—  
Meritt, Edwin J. 2,741,988.
- Buttery, Kenneth T., to Sutherland Paper Co. Collapsible carton adapted for potted plants. 2,736,138, 2-28-56, Cl. 37-37.
- Buttery, Kenneth T., to Sutherland Paper Co. Cartons for packaging fruit, vegetables, and the like. 2,738,057, 3-13-56, Cl. 206-45.34.
- Buttery, Kenneth T., to Sutherland Paper Co. Packaging device for wrapped products. 2,755,886, 7-24-56, Cl. 229-97.
- Buttery, Kenneth T., to Sutherland Paper Co. Handled cartons, including collapsible handle cartons. 2,762,555, 9-11-56, Cl. 229-52.
- Buttery, Kenneth T., to Sutherland Paper Co. Handled cartons. 2,767,171, 10-23-56, Cl. 229-52.
- Buttner, Carl M., to Hunter-Bell and Ventilating Co., Inc. Room air conditioning unit. 2,737,788, 3-13-56, Cl. 62-140.
- Büttner, Hugo. Means for securing the windings of springs in mattresses or the like and method of making the same. 2,739,454, 2-7-56, Cl. 5-273.
- Büttner, Hugo. Method of production of connecting wires for a set of coil springs. 2,747,619, 5-29-56, Cl. 140-71.
- Buttner-Werke, A. G.: *See*—  
Glinski, Karl. 2,764,474.
- Buttolph, Doyle D., to Phillips Petroleum Co. Automatic vapor-liquid selector valve. 2,757,516, 8-7-56, Cl. 62-1.
- Button, Charles T., to National Pneumatic Co., Inc. Electric generator. 2,760,093, 8-21-56, Cl. 310-155.
- Button, Charles T., W. A. Broadley, and J. J. Gubas, to National Pneumatic Co., Inc. Motor mounting bracket. 2,756,953, 7-31-56, Cl. 248-16.
- Button, Fred L., 1/2 to C. A. Morton. Universal driving dogs for lathes and milling machines. 2,747,451, 5-29-56, Cl. 82-41.
- Button, Harold: *See*—  
Fast, Fred L., and Button. 2,754,247.
- Butts, Alfred. Load-supporting structures. 2,744,590, 5-8-56, Cl. 189-36.
- Butts, George S. Resilient finger ring guard with separate mounting member. 2,770,112, 11-13-56, Cl. 63-15.6.
- Butts, Robert S.: *See*—  
White, Frank B. 2,762,346.
- Butz, Lothar, to Aktiengesellschaft Brown, Boveri & Cie. Disconnecting switch. 2,748,211, 5-29-56, Cl. 200-48.
- Butz, Lothar, to Aktiengesellschaft Brown, Boveri & Cie. Single-pillar scissor-type disconnect switch for high tension installations. 2,748,212, 5-29-56, Cl. 200-48.
- Butzin, Paul E.: *See*—  
Schutz, Ewald, and Butzin. 2,773,524.
- Butzin, Paul E., to Simplex Machine Tool Corp. Machine tool drive mechanism. 2,756,133, 7-21-56, Cl. 74-1.
- Butzow, Charles G. Raisable end gate for cattle trucks. 2,765,033, 7-10-56, Cl. 160-201.
- Butzow, George M. Sand conditioning apparatus. 2,750,640, 6-19-56, Cl. 22-89.
- Buurman, Aart, to American Enka Corp. Process and apparatus for the degassing of viscose. 2,774,441, 12-18-56, Cl. 13-33.
- Buus, Harold W., to Stearns Magnetic Inc. Magnetic separator pulley. 2,750,035, 6-12-56, Cl. 209-219.
- Buvelot, John A., to American Steel Foundries. Axle brake dangle. 2,730,206, 1-10-56, Cl. 188-206.
- Buvelot, John A., to American Steel Foundries. Renewing brake heads. 2,747,264, 5-29-56, Cl. 29-401.
- Buvelot, John A., to American Steel Foundries. Spring mounting assembly for steerable wheels. 2,749,139, 6-5-56, Cl. 280-96.2.
- Buxbaum Co., The: *See*—  
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- Buxton, Inc.: *See*—  
Hume, Gertrude B. 2,750,978.
- Morrell, Clyde E. 2,772,559.
- Buxton, James E., and D. L. Miller, to Bendix Aviation Corp. Engine starter gearing. 2,753,720, 7-10-56, Cl. 74-7.
- Buyas, Robert G. Tool for slotting metal Venetian blind slats. 2,747,278, 5-29-56, Cl. 30-258.
- Buyas, Robert G. Clip for closing slot in sheet metal work piece. 2,766,821, 10-16-56, Cl. 160-173.



- Byken, Frank E. Crab trap. 2,760,297, 8-28-56, Cl. 43-1-105.
- Buzzi, Riccardo, to I. Rizzieri. Variable fulcrum differential actuating mechanism. 2,744,684, 5-8-56, Cl. 235-79.
- Buzzini, Lee H. Combination gaff and fish net. 2,738,608, 3-20-56, Cl. 43-12.
- Byam, Erwin B., to The Waterbury Farrel Foundry & Machine Co. Wire feed mechanism and control of same. 2,750,818, 6-19-56, Cl. 78-97.
- Byam, Erwin B., and A. K. Undratis, to The Waterbury Farrel Foundry & Machine Co. Burr remover for screw-slotting machines. 2,762,064, 9-11-56, Cl. 10-6.
- Byars, Edgar W. Net casting apparatus. 2,732,647, 1-31-56, Cl. 43-8.
- Byars, Mary B.: *See—*  
Lord, Francis L. 2,758,626.
- Bychinsky, Wilfred A.: *See—*  
Arthur, James L., and Bychinsky. 2,741,716.
- Bychinsky, Wilfred A., to General Motors Corp. Igniter plugs. 2,733,855, 1-31-56, Cl. 317-83.
- Bychinsky, Wilfred A., to General Motors Corp. Spark plug terminal. 2,736,877, 2-28-56, Cl. 339-268.
- Bydalek, Floyd J., to Milwaukee Gas Specialty Co. Lock nut mounted on a leaf spring or similar member. 2,763,313, 9-18-56, Cl. 151-41.7.
- Bye, Paul C. Hand dispenser for dry fluent material. 2,772,815, 12-4-56, Cl. 222-185.
- Byerlein, Arthur A., to Baldwin-Lima-Hamilton Corp. Press. 2,750,909, 6-19-56, Cl. 113-58.
- Byerley, Wilbur M., to Westinghouse Electric Corp. Evaporator apparatus. 2,739,575, 3-27-56, Cl. 122-34.
- Byerley, Wilbur M., to Westinghouse Electric Corp. Heat exchange apparatus. 2,756,028, 7-24-56, Cl. 257-32.
- Byerly, Coy M., to Gilfilian Bros., Inc. Rejection of line interference. 2,758,299, 8-7-56, Cl. 343-5.
- Byers, A. M., Co.: *See—*  
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- Byers, Hugh G.: *See—*  
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- Byers, John R., Jr.: *See—*  
Allen, Charles E. H., and Byers. 2,772,282.
- Byers, Ralph J.: *See—*  
Whitton, Arthur L., and Byers. 2,768,738.
- Byers, Robert J.: *See—*  
Wilson, Jack T., and Byers. 2,770,316.
- Bylkas, Lydia E. Tart dough cutter. 2,754,587, 7-17-56, Cl. 30-301.
- Bylund, Alvar, to A. B. Defibrator. Pulping apparatus. 2,744,012, 5-1-56, Cl. 92-6.
- Bynum, Edward C. Automatic variable speed fluid transmission. 2,770,340, 11-13-56, Cl. 192-60.
- Byrd, John F., and J. D. Phyle, to Radio Corp. of America. Send and changeover system. 2,774,824, 12-18-56, Cl. 179-100.3.
- Byrne Doors, Inc.: *See—*  
Urquhart, Thornton L. 2,739,645.
- Urquhart, Thornton L. 2,766,859.
- Byrne, Joe L.: *See—*  
Jones, Julius, and Byrne. 2,761,278.
- Byrne, John F., to Motorola, Inc. Antenna. 2,767,397, 10-16-56, Cl. 343-790.
- Byrne, Joseph E., to Chromatic Television Laboratories, Inc. Electrode structure for image-reproducing cathode-ray tube. 2,772,376, 11-27-56, Cl. 313-78.
- Byrne, Thomas: *See—*  
Boyle, Archibald R., and Byrne. 2,759,355.
- Byrnes, James C., Jr. Coin controlled lock mechanism. 2,748,915, 6-5-56, Cl. 194-70.
- Byrnes, John J. Magnetic stopper. 2,772,804, 12-4-56, Cl. 220-24.
- Byrns, Alva C., to Kaiser Aluminum & Chemical Corp. Method of producing titanium. 2,745,735, 5-15-56, Cl. 75-84.
- Byron, Edgar S., and R. F. Baker, to the United States of America as represented by the Secretary of the Navy. Methods of rolling molybdenum and molybdenum alloys. 2,767,112, 10-16-56, Cl. 148-11.5.
- Byron, Irving R. Shift bearing for variable pitch propeller drive. 2,767,036, 10-16-56, Cl. 308-135.
- Bystricky, Joseph C.: *See—*  
Pearson, David C., and Bystricky. 2,742,978.
- Bystricky, Joseph C., to Stewart-Warner Corp. Coalescing fitting. 2,772,750, 12-4-56, Cl. 183-75.
- Bystricky, Joseph C., and J. L. Luna, to Stewart-Warner Corp. Pressure fluid supply unit for centralized lubricating systems. 2,766,848, 10-16-56, Cl. 184-27.
- C. A. V. Ltd.: *See—*  
Revis, William A., Chapman, and Nicolls. 2,773,563.
- Black, Barrie T. 2,773,684.
- Curzon, Thomas. 2,758,222.
- Evans, Fraser M. 2,731,917.
- Nicolls, Wilfred E. W. 2,752,906.
- Nicolls, Wilfred E. W. 2,767,808.
- Waters, Albert V. 2,740,013.
- CBS-Hytron, a division of Columbia Broadcasting System, Inc.: *See—*  
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- Law, Russell R. 2,774,906.
- C. C. Corp.: *See—*  
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- Pearson, William S. 2,758,944.
- C. E. M. Co.: *See—*  
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- Koehl, Herman. 2,767,451.
- C. G. S. Laboratories, Inc.: *See—*  
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- Gabor, William D. 2,755,446.
- Smith-Vaniz, William R., Jr. 2,757,336.
- Sontheimer, Carl G. 2,731,621.
- Sontheimer, Carl G. 2,742,613.
- Sontheimer, Carl G. 2,762,009.
- Sontheimer, Carl G., and Sachs. 2,750,504.
- C & I Lighting & Metals, Inc.: *See—*  
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- C. J. W. Corp.: *See—*  
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- C & M Mfg. Co.: *See—*  
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- C-O Two Fire Equipment Co.: *See—*  
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- Allen, Frank B. 2,737,250.
- Allen, Frank B. 2,737,251.
- Allen, Scott E. 2,738,020.
- Haessler, Walter M. 2,738,797.
- Siebens, Norman H. 2,736,385.
- C. V. A. Jigs Moulds & Tools Ltd.: *See—*  
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- Banning, Alfred J. 2,729,983.
- Pulman, William E. R. 2,730,371.
- Pulman, William E. R. 2,735,161.
- Pulman, William E. R. 2,748,451.
- Pulman, William E. R. 2,754,699.
- Pulman, William E. R. 2,763,365.
- C. V. Machinefabrik H. Visser: *See—*  
Visser, Herbert. 2,746,650.
- Cabanes, Leon, L. Alran, A. Chevallier, C. Dietsch, and M. Painboeuf, to Electricite de France Service National. Devices for operating and controlling high tension electrical apparatus. 2,745,952, 5-15-56, Cl. 250-2.
- Cabot Sontro Co.: *See—*  
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- Cable Electric Products, Inc.: *See—*  
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- Cable, Herbert W., to Thompson Products, Inc. Piston ring. 2,760,038, 10-1-56, Cl. 309-24.
- Cable, Herbert W., to Thompson Products, Inc. Piston ring. 2,768,039, 10-23-56, Cl. 309-24.
- Cable, Walter L., to Bendix Aviation Corp. Air control valve. 2,731,033, 1-17-56, Cl. 137-494.
- Cable Belt Ltd.: *See—*  
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- Thomson, Charles. 2,746,596.
- Thomson, Charles. 2,751,065.
- Cable Makers Australia Proprietary Ltd.: *See—*  
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- Cabot, Godfrey L., Inc.: *See—*  
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- Antonsen, Randolph. 2,773,744.
- Beattie, Robert D. 2,752,290.
- Beck, Curt B., and Stokes. 2,771,347.
- Bray, Richard L., and Antonsen. 2,771,158.
- Cole, Harvey M., Second, Seltzer, and Wendell. 2,763,602.
- Jordan, Merrill E., and Cole. 2,730,453.
- Jordan, Merrill E., and Lipovsky. 2,757,534.
- Loftman, Kenneth A. 2,774,651.
- Michel, Laurent P., and Goodgame. 2,771,344.
- Reintjes, Harold. 2,755,234.
- Cabot Shops, Inc.: *See—*  
Wilkinson, Alvin H. 2,759,457.
- Cacciatore, Philip F. Door and method of manufacturing it. 2,754,552, 7-17-56, Cl. 20-35.
- Caddell, Alfred M. Multiple angular, energy compensating centrifuge. 2,747,793, 5-29-56, Cl. 233-18.
- Caddell, Jack R.: *See—*  
Berry, Kenneth L., and Caddell. 2,739,906.
- Caddell, James H. Sprinkling device. 2,758,876, 8-14-56, Cl. 239-69.
- Cadegans, Nick G. Method for making a dry paint mixture. 2,749,249, 6-5-56, Cl. 106-309.
- Cadier, Paul L. E., to Etablissements R. Rousseau, Societe Anonyme. Baler mechanism. 2,775,339, 12-25-56, Cl. 198-223.
- Cadieux, Joseph H., and R. L. Erwin, to Ford Motor Co. Plaster seed attachment for grain drills. 2,738,109, 3-13-56, Cl. 222-274.
- Cadillac Window Corp.: *See—*  
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- Cadman, Frank B.: *See—*  
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- Cadman, Harold O., to Gardner Machine Co. Continuous feed mechanism. 2,745,537, 5-15-56, Cl. 198-33.
- Cadman, Harry H., and J. J. Ducey. Furniture construction. 2,731,078, 1-17-56, Cl. 155-191.
- Cadman, William L., to Higbie Mfg. Co. Fishing reel arbor. 2,775,418, 12-25-56, Cl. 242-119.
- Cado, Erwin D., O. B. Buskirk, and H. A. Setser, to Motorola, Inc. Burner assembly for space heater. 2,733,757, 2-7-56, Cl. 158-53.
- Cadre Industries Corp.: *See—*  
Cawley, Wayne W. 2,744,185.
- Cadwallader, Gouverneur. Combination step block. 2,758,514, 8-14-56, Cl. 90-59.
- Cadwell, Vyril E. Quick attachable and detachable loader. 2,738,083, 3-13-56, Cl. 214-131.
- Cady, Charles E., to General Electric Co. Cathode-ray tube mounting structures. 2,757,889, 8-7-56, Cl. 248-27.

- Cady, Charles E., and R. W. Wagner, to General Electric Co. Variable tuning structures. 2,764,742, 9-25-56, Cl. 333-82.
- Cady, George H., and C. A. Horton, to United Merchants and Manufacturers, Inc. Apparatus for coloring raised surfaced portions of embossed fabric. 2,741,215, 4-10-56, Cl. 11-33.
- Cady, John E., to United States Rubber Co. Apparatus for making inner tubes for tires. 2,747,223, 5-29-56, Cl. 18-14.
- Cady, Walter G., to the United States of America as represented by the Secretary of the Navy. Cavity radiometer. 2,762,447, 9-11-56, Cl. 181-5.
- Cady, William R., A. P. Julien, and D. J. Saunders, to Allied Chemical & Dye Corp. Brine purification. 2,764,472, 9-25-56, Cl. 23-42.
- Cady, Willoughby M., to the United States of America as represented by the Secretary of the Air Force. Antenna stabilizing apparatus. 2,745,098, 5-8-56, Cl. 343-6.
- Cafa-Roll, Inc.: *See*—  
Boots, Arthur A. and O. A. 2,737,288.  
Boots, Arthur A. 2,745,542.
- Caffrey, James M., Jr.: *See*—  
McCoy, Frederick, Caffrey, and Hencke. 2,752,311.
- Caffrey, James M., Jr., H. D. Kluge, and J. E. Tessieri, to The Texas Co. Lubricating compositions containing metal derivatives of 1,3-bis(hydroxy-alkyl)-2-imidazolidinethione. 2,767,143, 10-16-56, Cl. 252-42.7.
- Cage, Darcy, to General Electric Co. Corner fireplace connection. 2,752,913, 7-3-56, Cl. 126-121.
- Cagen, Harold: *See*—  
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- Cahen, Alfred B.: *See*—  
Cahen, Herman S. and A. B. 2,768,645.  
Cahen, Herman S. and A. B. 2,768,807.  
Cahen, Herman S. and A. B. Valve structure. 2,768,645, 10-30-56, Cl. 137-625.39.
- Cahen, Herman S. and A. B. Valve structure for faucet. 2,768,807, 10-30-56, Cl. 251-218.
- Cahill, Bernard S., to Consolidated Electric Co. Apparatus for controlling amplifier tubes. 2,740,847, 4-3-56, Cl. 179-171.
- Cahill, John J., Jr., to Mergenthaler Linotype Co. Photo-composition correction and makeup device. 2,740,324, 4-3-56, Cl. 88-24.
- Cahill, John L., Adjustable line hanger. 2,729,411, 1-3-56, Cl. 248-59.
- Cahill, William S. Apparatus for and a method of applying an adhesive coating to rubber tires. 2,758,037, 8-7-56, Cl. 117-62.
- Cahn, Eric P. Air conditioner installation. 2,746,826, 5-22-56, Cl. 312-101.
- Cahn, Robert P.: *See*—  
Spitz, Peter H., and Cahn. 2,762,692.
- Cahn, Robert P., to Esso Research and Engineering Co. Process for production of polymer hydrocarbons. 2,745,890, 5-15-56, Cl. 260-683.15.
- Cahn, Robert P., to Esso Research and Engineering Co. Short-time reactions of gases at elevated temperatures. 2,752,407, 6-26-56, Cl. 260-683.
- Cahn, Robert P., to Esso Research and Engineering Co. Continuous concurrent crystallization process. 2,757,126, 7-31-56, Cl. 196-18.
- Cahoon, Edward F., and W. A. MacDonald, to Telatograph Corp. Telescriber. 2,734,099, 2-7-56, Cl. 178-19.
- Caillaud, Pierre C.: *See*—  
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- Caillie, Léon: *See*—  
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- Caillier, Raymond J. Animated fish lure. 2,763,085, 9-18-56, Cl. 43-42.02.
- Caillol, Jean L. R. Temperature regulator for solar water heaters. 2,745,569, 9-11-56, Cl. 236-20.
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- Cain, Dallas E., to General Electric Co. Combined unloading and reversing valve for reversible refrigerating system. 2,738,506, 10-30-56, Cl. 173-3.
- Cain, Dallas E., and G. H. Fry, Jr., to General Electric Co. Jet engine starter clutch with teeth synchronizing means. 2,752,023, 6-26-56, Cl. 192-35.
- Cain, Dean J.: *See*—  
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- Cain, Harry W., to Telephone Answering and Recording Corp. Telephone answering and recording devices. 2,775,651, 12-25-56, Cl. 179-100.1.
- Cain, Paul C. Adjustable idler arm support. 2,769,651, 11-6-56, Cl. 287-100.
- Cain, Stanley, to McGill Metal Products Co. Hand punch. 2,735,492, 2-21-56, Cl. 164-121.
- Cain, William E. Display device. 2,757,468, 8-7-56, Cl. 40-124.1.
- Caine, Kenneth E., to Goodman Mfg. Co. Safety roof control apparatus for continuous miner. 2,772,871, 12-4-56, Cl. 262-34.
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- Caird, Clarissa E.: *See*—  
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- Caird, David W., to General Electric Co. Ozone oxidation reactor. 2,732,340, 1-24-56, Cl. 204-321.
- Caird, Peter, to C. E. Caird. Fire hose nozzle. 2,733,962, 2-7-56, Cl. 299-130.
- Caird, Peter, to Clarissa E. Caird. Fire hose nozzle. 2,747,939, 5-29-56, Cl. 299-136.
- Cairelli, Eremildo: *See*—  
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- Cairns, Theodore L.: *See*—  
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- Albisetti, Charles J., Barney, Cairns, and Winberg. 2,729,622.
- Caissie, George A. Illuminated display rosary. 2,759,096, 8-14-56, Cl. 240-1.
- Cake, William R., to Heyden Chemical Corp. Separation and purification of phloroglucinol. 2,773,908, 12-11-56, Cl. 260-628.
- Calabrese, Thomas A. Collapsible and folding seats. 2,736,366, 2-28-56, Cl. 153-150.
- Calamai, Giosue. Mixing and delivery apparatus for mixtures of liquids, especially for the distribution of water and oil to textile fibres. 2,766,912, 10-16-56, Cl. 222-195.
- Calaman, Joseph J.: *See*—  
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- Calavo Growers of California: *See*—  
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- Calbeck, John H., to American Zinc, Lead & Smelting Co. Process of manufacturing pigment zinc oxide. 2,747,966, 5-29-56, Cl. 23-148.
- Caldecroft, Victor J., and J. C. Wahr, to The Dow Chemical Co. Apparatus for use in aligning exit slits of a spectrograph. 2,764,909, 10-2-56, Cl. 88-14.
- Calder, Alan R.: *See*—  
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- Calder, Alexander W., to Joy Mfg. Co. Roof supporting jacks on a continuous miner. 2,756,034, 7-24-56, Cl. 262-1.
- Calder, Alexander W., to Joy Mfg. Co. Cutter or disintegrating chain with dirt scraping means. 2,766,979, 10-16-56, Cl. 262-33.
- Calderhead, Henry J.: *See*—  
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- Calderhead, Charles M., Power supply unit for photographic flashlights. 2,737,797, 3-13-56, Cl. 67-31.
- Caldwell, Conrad C., to Bill Jack Scientific Instrument Co. Potentiometer and method of making. 2,744,986, 5-8-56, Cl. 201-60.
- Caldwell, Donald A.: *See*—  
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- Caldwell, E. L., & Sons: *See*—  
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- Caldwell, Joe, Jr.: *See*—  
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- Caldwell, John R., to Eastman Kodak Co. Preparation of  $\beta$ -lactones. 2,739,158, 3-20-56, Cl. 260-343.9.
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- Caldwell, John R., to Eastman Kodak Co. Linear polyesters from p,p'-sulfonyl dibenzoic acid plus aliphatic dibasic straight chain acids condensed with a glycol. 2,744,088, 5-1-56, Cl. 260-75.
- Caldwell, John R., to Eastman Kodak Co. Linear highly polymeric polyesters from p,p'-sulfonyl dibenzoic acid and pentamethylene or higher glycols. 2,744,089, 5-1-56, Cl. 260-75.
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- Caldwell, John R., to Eastman Kodak Co. Omega hydroxy-aliphatic diesters of sulfonyl dibenzoic acids. 2,744,129, 5-1-56, Cl. 260-470.
- Caldwell, John R., to Eastman Kodak Co. Linear polyamides and methods of making same. 2,756,221, 7-24-56, Cl. 260-78.



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- Caldwell, John R., and H. H. Hill, to Eastman Kodak Co. Polymers of N-2-norcamphanylacrylamides. 2,732,869, 1-24-56, Cl. 260—82.1.
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- Caldwell, John R., and B. Gilkey, to Eastman Kodak Co. Water vapor permeable compositions and articles containing a polyacrylic ester and polyvinyl alcohol. 2,773,050, 12-4-56, Cl. 260—45.5.
- Caldwell, Joseph A., P. H. Monaghan, R. C. Rumble, and T. F. Uhrig, to Esso Research and Engineering Co. Pipe union with insulated contact plate. 2,752,579, 6-26-56, Cl. 339—15.
- Caldwell, Walter A.: *See—*
- Blair, James, Caldwell, and McLellan. 2,741,638.
- Caldwell, Washington J. Method of and machine for winding coils continuously. 2,736,345, 2-28-56, Cl. 140—92.2.
- Caldwell, William J. Centrifugal nozzle with adjustable outlet vanes. 2,738,719, 3-20-56, Cl. 98—40.
- Caldwell, William J. Systems for ventilating tunnels and chimneys. 2,740,347, 4-3-56, Cl. 98—49.
- Caldwell, William J. Air conditioning of entrance areas. 2,763,195, 9-18-56, Cl. 98—33.
- Caldwell, Winston. Electron tube thermoelectric generator. 2,759,112, 8-14-56, Cl. 310—4.
- Callelo, Mario, to St. Pierre Chain Corp. Holding means for the removal of a jaw of a slidable outer jaw wrench. 2,748,641, 6-5-56, Cl. 81—180.
- Calfee, John D.: *See—*
- Miller, Charles B., and Calfee. 2,748,177.
- Calfee, John D., and C. B. Miller, to Allied Chemical & Dye Corp. Preparation of vinylidene fluoride. 2,734,090, 2-7-56, Cl. 260—653.
- Calfee, John D., and T. A. Wallace, Jr., to Allied Chemical & Dye Corp. Process for preparing trichloroacetyl chloride. 2,736,695, 2-28-56, Cl. 204—158.
- Calfee, John D., C. B. Miller, and L. B. Smith, to Allied Chemical & Dye Corp. Manufacture of saturated halocarbons. 2,755,313, 7-17-56, Cl. 260—653.
- Calfee, John D., and C. B. Miller, to Allied Chemical & Dye Corp. Fluorinating halo-fluorocarbons with hydrogen fluoride and aluminum fluoride. 2,767,227, 10-16-56, Cl. 260—653.
- Calgon, Inc.: *See—*
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- Bickel, Wilhelm. 2,735,776.
- Hansen, Gerald D., Jr. 2,750,299.
- Hatch, George B. 2,742,369.
- Meyer, Albert. 2,735,777.
- Calgy, Frances E. Combining level and sloping table. 2,755,152, 7-17-56, Cl. 811—52.
- Calhoun, Ernest N., to Edwin L. Wiegand Co. Indicating means. 2,748,228, 5-29-56, Cl. 200—167.
- Calhoun, George W., to The Budd Co. Bedroom accommodations for passenger vehicles. 2,743,683, 5-1-56, Cl. 105—315.
- Calhoun, Samuel E.: *See—*
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- Aroyan, Harry J. 2,762,839.
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- Aroyan, Harry J., and Wilkes. 2,734,080.
- Barusch, Maurice B., and Mixer. 2,763,537.
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- Clark, Calvin M., and Martin. 2,766,400.
- Condit, Paul C., and Pino. 2,750,732.
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- Davis, Vincent C. 2,772,393.
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- Goldschmidt, Alfred, and Wright. 2,758,126.
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- Hanly, Fred J. 2,751,039.
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- Lum, Funston G. 2,734,829.
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- Peeler, Robert L., Jr., and Foeher. 2,751,350.
- Pino, Manuel A. 2,749,317.
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- Ranney, Rufus P., and Reese. 2,731,185.
- Rohrbach, Gilson H. 2,760,584.
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- Wilkes, John B. 2,734,078.
- California Spray-Chemical Corp.: *See—*
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- California, George, to Ethyl Corp. Enhancement of gamma benzene hexachloride content. 2,773,103, 12-4-56, Cl. 260—648.
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- Calis, Micheline, to Compagnie Generale de Telegraphie Sans Fil. Ceramic dielectric and process of preparing it. 2,738,284, 3-13-56, Cl. 106—39.
- Calkins, James P. Motor heater. 2,769,077, 10-30-56, Cl. 219—38.
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- Honeycutt, Earl M., and Calkins. 2,775,632.
- Calkins Mfg. Co., The: *See—*
- Smith, Fred T. 2,765,721.
- Smith, Fred T. 2,772,615.
- Calkins, William H., to E. I. du Pont de Nemours and Co. Process for removing ferrous ion impurity in the preparation of dicyanobutene. 2,750,403, 6-12-56, Cl. 260—463.8.
- Calkins, William H., and D. E. Welton, to E. I. du Pont de Nemours and Co. Hydrogenation of dicyanobutene in the presence of a neutralized palladium catalyst. 2,749,359, 6-5-56, Cl. 260—465.8.
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- Call, John G., to The Telatent Co., Inc. Collapsible tent framework. 2,771,896, 11-27-56, Cl. 135—4.
- Callaghan, John D.: *See—*
- Kolar, Robert F., and Callaghan. 2,756,420.
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- Callahan, John C., and W. J. Rumpf, to American Cyanamid Co. Moistureproof vial closure. 2,734,649, 2-14-56, Cl. 215—37.
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- Callahan, Oscar L., to Cardox Corp. Material breaking safety cartridge. 2,771,032, 11-20-56, Cl. 102-25.
- Callahan, Robert B., to Sylvania Electric Products Inc. Picture tube shipping container. 2,768,737, 10-30-56, Cl. 206-46.
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- Call, Joseph T., and Mahon, 2,759,521.
- Callan, Robert J., and T.-H. Kuo, to Magic Chef, Inc. Room air conditioner filter system. 2,763,139, 9-18-56, Cl. 62-129.
- Callanan, John P., and A. P. Patton, to National Distillers Products Corp. Process of producing n-acetyl methionine. 2,745,873, 5-15-56, Cl. 260-534.
- Callard, Robert L., to Corning Glass Works. Lamp assembly. 2,731,547, 1-17-56, Cl. 240-81.
- Callaway, Clarence R., deceased (by L. McE. Callaway), to Watson Elevator Co., Inc. Floor leveler assembly for elevator cars. 2,768,675, 8-1-56, Cl. 187-29.
- Callaway, Lillian McE. *See*—
- Callaway, Clarence R. 2,758,675.
- Callaway Mills Co. *See*—
- Parker, Samuel P., 2,772,657.
- Callaway, Samuel R., to General Motors Corp. High temperature Co-Cr alloys. 2,744,010, 5-1-56, Cl. 75-171.
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- McElroy, Albert D., and Hunt. 2,772,228.
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- Callery, George L., and A. White, III. Bonnet shield for valves or the like. 2,737,972, 3-13-56, Cl. 137-377.
- Callihan, Dale H., to Pace, Inc. Switch mechanism. 2,768,263, 10-23-56, Cl. 200-138.
- Callin, Georg. *See*—
- Troeng, Ivan, and Callin. 2,771,828.
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- Borgerd, William F., Calling, and Wherry. 2,752,088.
- Calling, John. Refrigeration unit. 2,735,613, 2-21-56, Cl. 230-206.
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- Callouette, John E., and R. F. Kinney. Folding gantry for cranes. 2,738,884, 3-20-56, Cl. 212-59.
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- Calo, Armand G., to Johnson & Bassett, Inc. Work locating device. 2,731,851, 1-24-56, Cl. 714-527.
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- Bennett, John G. 2,757,660.
- Calosi, Carlo L., to Raytheon Mfg. Co. Electronic position and motion control systems. 2,753,500, 7-3-56, Cl. 318-162.
- Calosi, Carlo L., and P. B. Carwile, deceased (L. C. K. Carwile, executrix), to Raytheon Mfg. Co. Ultrasonic vibratory devices. 2,748,295, 9-29-56, Cl. 310-26.
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- Calresin Industries, Inc. *See*—
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- Knieriem, Arlington W., and Folst. 2,773,624.
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- Calton, Joseph G., to E. I. du Pont de Nemours and Co. Process for wet-drawing polyethylene terephthalate. 2,734,794, 2-14-56, Cl. 18-54.
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- Calverley, George H., to Whitman Publishing Co. Sectional toy figures. 2,752,726, 7-3-56, Cl. 46-22.
- Calvert, Glen M. Sizing device for honing apparatus. 2,741,071, 4-10-56, Cl. 51-34.
- Calvert, Warren D. Foldable tilt-up. 2,773,326, 12-11-56, Cl. 43-16.
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- Calvin, James W., to United States Steel Corp. Gage. 2,740,521, 4-3-56, Cl. 209-82.
- Calvo, Angel S. Change speed planetary gearing with fluid coupling means. 2,758,488, 8-14-56, Cl. 74-677.
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- Badalini, Giovanni. 2,737,121.
- Cambridge Chemical Products Co. *See*—
- Sherman, Leonard. 2,737,501.
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- Nason, Walter C., Jr., McMahon, and Morgan. 2,729,357.
- Cambridge Instrument Co., Inc. *See*—
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- Camello, Raymond S. *See*—
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- Tempest, Gerard F. 2,762,085.
- Cameron, Archibald W. W. Electrical measuring apparatus for testing insulation. 2,741,739, 4-10-56, Cl. 324-54.
- Cameron Iron Works, Inc. *See*—
- Allen, Herbert. 2,749,082.
- Allen, Herbert. 2,768,841.
- Allen, Herbert, and Works. 2,748,605.
- Allen, Herbert, Works, and Oliver. 2,752,119.
- Hager, Richard E. 2,748,869.
- Cameron, Iverson I. Hot box indicating system. 2,757,361, 7-31-56, Cl. 340-231.
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- Cameron, James R. *See*—
- Graham, Marion E., Reed, and Cameron. 2,766,115.
- Cameron Machine Co. *See*—
- Goddard, Herbert W., and Rockstrom. 2,759,678.
- Saco, Felix, and Rockstrom. 2,743,879.
- Saco, Felix, and Rockstrom. 2,751,164.
- Cameron, William T. Toothpicks and method of making same. 2,762,501, 9-11-56, Cl. 206-29.
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- Camilli, Guglielmo, and W. J. Vandergrift, to General Electric Co. Random-motion spray device. 2,750,229, 6-12-56, Cl. 299-85.
- Cammin, Ernst. *See*—
- Faulhaber, Fritz, Cammin, and Doring. 2,753,777.
- Camp, Edward A. *See*—
- Bailey, Walter. 2,734,573.
- Camp, James B., and C. H. Watson, to United States Steel Corp. Magnetic memory device. 2,735,987, 2-21-56, Cl. 333-29.
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- Camp, John M. *See*—
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- Camp, John M., to Esso Research and Engineering Co. Retractable hard formation drill bit. 2,764,388, 9-23-56, Cl. 255-61.
- Camp, Leon W., to Bendix Aviation Corp. Ceramic transducers having annular elements. 2,733,423, 1-31-56, Cl. 340-10.
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- Sheldon, Alma I. 2,743,449.
- Camp, William M., and G. R. Eckhardt, to Coats & Clark Inc. Plastic traveler and ring thereof. 2,756,558, 7-31-56, Cl. 57-119.
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- Campanella, Nick J. Stop light indicator. 2,731,628, 1-17-56, Cl. 340-252.
- Campani, Louis M., to The Liquidometer Corp. Liquid volume and weight measuring system. 2,738,673, 3-20-56, Cl. 73-304.



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- Campbell, Alvin R., Co., Inc.: See—
- Sabin, Alfred B. 2,753,827.
- Campbell, Argyle. Adjustable table for beds. 2,740,678, 8-14-56, Cl. 311-26.
- Campbell, Arthur W.: See—
- Messery, George H., and Campbell. 2,764,094.
- Campbell, Avery D. Panel-mounted ash receptacle and cigarette extinguisher. 2,760,497, 8-28-56, Cl. 131-237.
- Campbell, Charles H.: See—
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- Campbell, Charles H., L. E. Ganzele, and R. A. Young, to Armstrong Cork Co. Device for fabricating cork composition and similar articles. 2,743,748, 5-1-56, Cl. 144-21.
- Campbell, Charles L., to Centrifex Corp. Scrubber purifier. 2,740,009, 8-31-56, Cl. 183-21.
- Campbell, Charles L., to Centrifex Corp. Separator for use with vacuum cleaning. 2,768,707, 10-30-56, Cl. 183-83.
- Campbell, Colin L., and S. Lee, said Lee assor. to said Campbell. Keyboards for calculating machines. 2,770,419, 11-13-56, Cl. 235-145.
- Campbell, David S., to Cardwell Westinghouse Co. Stabilized truck. 2,747,518, 5-29-56, Cl. 105-197.
- Campbell, David S., to Cardwell Westinghouse Co. Draft gear. 2,760,651, 8-28-56, Cl. 213-31.
- Campbell, David S., to Cardwell Westinghouse Co. Selective travel draft gear, with separate cushioning elements for buff and draft. 2,766,894, 10-16-56, Cl. 213-46.
- Campbell, David T. Ignition system for stokers. 2,738,742, 3-20-56, Cl. 110-1.
- Campbell, Denis J., Jr., and E. W. Kaiser, to American Can Co. Method of forming cemented lock and lap side seams having welded lap portions. 2,730,983, 1-17-56, Cl. 113-120.
- Campbell, Donald. Power dam sluiceway gate. 2,751,754, 6-26-56, Cl. 61-27.
- Campbell, Donald. Combination hydraulic overflow power pump. 2,743,725, 7-10-56, Cl. 61-19.
- Campbell, Donald J., to J. J. Case Co. Lift type disc harrow. 2,759,313, 8-21-56, Cl. 55-83.
- Campbell, Donald L., H. Z. Martin, and C. W. Tyson, to Esso Research and Engineering Co. Method of and apparatus for contacting solids and gases. 2,735,822, 2-21-56, Cl. 252-47.
- Campbell, Donald N.: See—
- Spracklen, Stanford B., and Campbell. 2,747,455.
- Campbell, Erwin A.: See—
- Woolslayer, Homer J., Jenkins, Borg and Campbell. 2,743,725.
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- Pitcairn, Harold F., and Campbell. 2,742,095.
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- Campbell, Huntly M.: See—
- Grenell, Leland H., and Campbell. 2,759,247.
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- Campbell, Ivor B., B. W. Gonser, and C. F. Powell, to Fansteel Metallurgical Corp. Refractory bodies. 2,771,666, 11-27-56, Cl. 268-198.
- Campbell, Jackson L., to General Electric Co. Bead setting method and apparatus. 2,774,102, 12-18-56, Cl. 18-1.
- Campbell, James H. Concentric drill and drill press for use therewith. 2,775,148, 12-25-56, Cl. 77-35.
- Campbell, James R. Coffee making apparatus. 2,745,333, 5-15-56, Cl. 99-281.
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- Campbell, John B., to E. I. du Pont de Nemours and Co. Macrocyelic coloring compounds and process of making the same. 2,765,308, 10-2-56, Cl. 260-270.
- Campbell, John E. Contour attachment for lathes and the like. 2,736,222, 2-28-56, Cl. 82-14.
- Campbell, John F. Nozzle construction. 2,749,182, 6-5-56, Cl. 299-107.6.
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- Campbell, John F. Roller die cutter. 2,772,736, 12-4-56, Cl. 164-226.
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- Campbell, John H., to General Electric Co. Variable frequency operation of fluorescent lamps. 2,765,428, 10-2-56, Cl. 15-179.
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- Campbell, Joseph B., Jr. Liquid level signalling device. 2,744,415, 10-22-56, Cl. 116-109.
- Campbell, Julian A. Fluid separators. 2,755,886, 7-24-56, Cl. 183-85.
- Campbell, Julian A. Corrosion detector. 2,763,534, 9-18-56, Cl. 23-253.
- Campbell, Julian A. Apparatus for separation of entrained liquid from gases. 2,765,870, 10-9-56, Cl. 133-81.
- Campbell, Lawrence F. Ribless pulse jet valve grid. 2,729,939, 1-10-56, Cl. 60-39.77.
- Campbell, Lee R. Valve tripping mechanism for air stapling gun. 2,756,426, 7-31-56, Cl. 1-101.
- Campbell, Leonard R., to The Singer Mfg. Co. Speed control systems for electric sewing motors. 2,747,163, 5-22-56, Cl. 318-331.
- Campbell, Linden C., and R. W. Brandt. Control apparatus for grain distributing spouts. 2,732,052, 1-24-56, Cl. 193-23.
- Campbell, Liss O. J. Improvement in the method of operating spray driers for evaporating solutions, emulsions, suspensions, and the like. 2,747,660, 5-29-56, Cl. 159-48.
- Campbell, Lyman L.: See—
- Garapolo, Orlando, Richter, and Campbell. 2,730,963.
- Campbell, Oliver F., and W. H. Decker, to Sinclair Refining Co. Carbon monoxide burner. 2,753,925, 7-10-56, Cl. 158-1.
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- Campbell, Osmon B. Valve tappet with temperature responsive clearance compensation. 2,747,569, 5-29-56, Cl. 123-90.
- Campbell Products Co.: See—
- Campbell, Albert B. 2,750,081.
- Campbell, Albert B. 2,755,973.
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- Campbell, William J. 2,734,515.
- Campbell, William J. 2,768,764.
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- Campbell, Richard H., to Webster Electric Co. Intercommunication apparatus. 2,752,426, 6-26-56, Cl. 179-38.
- Campbell, Robert C. Fishing light. 2,757,276, 7-31-56, Cl. 240-26.
- Campbell, Robert E.: See—
- Filling, Jacques J., and Campbell. 2,770,498.
- Campbell, Robert L., and S. E. Rea, to Boeing Airplane Co. Window anti-icing devices. 2,773,160, 12-4-56, Cl. 219-10.73.
- Campbell, Rodney B., to Wm. R. Whittaker Co., Ltd. Sealing device. 2,772,900, 12-4-56, Cl. 286-26.
- Campbell, Rollin E.: See—
- Forse, Harry D., and Campbell. 2,759,644.
- Campbell, Samuel J. Machine for wrapping elongated objects in stock and the like. 2,762,197, 9-11-56, Cl. 53-182.
- Campbell, Shirley P., to The Coleman Co., Inc. Stack valve and control therefor. 2,742,231, 4-17-56, Cl. 236-45.
- Campbell, Von C.: See—
- McKenzie, Robert T., and Campbell. 2,763,564.
- Campbell, William H., to Industrial Stamping, Inc. Knock-down metal furniture, including cross U-shaped legs. 2,738,245, 3-13-56, Cl. 311-32.
- Campbell, William H., to The Goodyear Tire & Rubber Co. Pneumatic tire tread. 2,756,797, 7-31-56, Cl. 152-209.
- Campbell, William J., to F. C. Wolff, d. b. a. Campbell Products Co. Pneumatic stand with accessory supports. 2,734,515, 2-14-56, Cl. 131-238.
- Campbell, William J., to F. C. Wolff, d. b. a. Campbell Products Co. Smoking stand. 2,768,764, 10-30-56, Cl. 220-20.5.
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- Camphausen, Fred H., executor: See—
- Harza, Leroy F. 2,759,697.
- Camphuis, Jan G.: See—
- Boekema, Jan J., and Camphuis. 2,760,000.
- Campins, Frank J.: See—
- Rick, Richard, and Campins. 2,756,434.
- Campopiano, Elmer J. Accessory for a grease gun fitting. 2,773,514, 12-11-56, Cl. 138-89.

- Campos, Francisco, to Societe Des Brevets Logabax. Carriage controls for calculating machine. 2,762,561, 9-11-56, Cl. 235-60.48.
- Campos, Louis H. Combination darning ball and sewing kit holder. 2,775,380, 12-25-56, Cl. 223-100.
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- Königsberg, Moses, and Camps-Campins. 2,771,456.
- Campus, Earl O. Dismantlable shelter. 2,765,500, 10-9-56, Cl. 20-2.
- Camras, Marvin, to Armour Research Foundation of Illinois Institute of Technology. Magnetic recording and reproducing apparatus. 2,739,453, 1-3-56, Cl. 27-4.
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- Bekker, Mieczyslaw G. 2,738,237.
- Boivin, Jean L. 2,762,843.
- Hass, Zygmunt K. 2,767,378.
- Canada Packers, Ltd. : *See* —
- Buckley, Gloria C. and Ziegler. 2,758,120.
- Dufault, Emmanuel J. 2,742,488.
- Fill, Metro, and Graver. 2,754,767.
- Canada Wire and Cable Co. Ltd. : *See* —
- Titus, Oleott W. 2,755,819.
- Canada, Claude C., Jr. : *See* —
- Whittington, Clarence A. 2,767,632.
- Canada, Claude C., Sr. : *See* —
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- Canada, Harry E. : *See* —
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- Canadian Airborne Geophysics Ltd. : *See* —
- Puranen, Maunu, and Kahma. 2,741,736.
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- Canadian Cutler Mail Chute Co. Ltd., The : *See* —
- Hardie, James H. 2,768,724.
- Canadian General Electric Co., Ltd. : *See* —
- Harwood, Douglas. 2,764,800.
- Sills, Hubert R. 2,736,829.
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- Barnard, Kenneth N., Greenblatt, and Sullivan. 2,732,417.
- Canadian Industries (1954) Ltd. : *See* —
- Stephens, Herbert R., Tucker, and Martin. 2,737,296.
- Towell, Gordon, and McCaffrey. 2,737,566.
- Canadian International Paper Co. : *See* —
- Bennett, Weston T. 2,737,087.
- Charles, Frank R., and Wayman. 2,775,528.
- Canadian Patents and Development Ltd. : *See* —
- Conn, Hugh G. 2,768,675.
- Canapary, Robert C. : *See* —
- Burns, Paul F., and Canapary. 2,766,273.
- Candee, Ellsworth T., to Technicraft Laboratories, Inc. Manufacture of flexible corrugated seamless metal tubing. 2,749,963, 6-12-56, Cl. 153-73.
- Candee, Ellsworth T. and S. L. Doughty, to The Lea Mfg. Co. Buffing compositions. 2,765,223, 10-2-56, Cl. 51-301.
- Candlin, James E., Jr., to Pullman-Standard Car Mfg. Co. Railway car construction. 2,739,543, 3-27-56, Cl. 105-422.
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- Candolini, Giuseppe. Lubricating appliance for watches and the like. 2,733,110, 3-13-56, Cl. 222-322.
- Candor, Robert R., to General Motors Corp. Sequentially operated washing machine. 2,747,395, 5-29-56, Cl. 68-12.
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- Canegallo, Giovanni,  $\frac{1}{4}$  to S. E. C. I. Societa Elettrotecnica Chimica Italiana. Process for making electric resistors and electric resistors made with that process. 2,758,183, 8-7-56, Cl. 201-63.
- Canepa, William P. : *See* —
- Lein, Harry. 2,768,922.
- Canfield, Larry R., to Lemco Products, Inc. Multistone bones. 2,733,557, 2-7-56, Cl. 51-184.3.
- Canfield, Jesse J. : *See* —
- Sutphen, Fred G., Canfield, Myers, Sams, and Burns. 2,755,210.
- Canfield, Robert H. : *See* —
- Bichowsky, Francis R., and Canfield. 2,746,249.
- Casler, Adrien F., Spicer, and Canfield. 2,765,076.
- Canfora, Arthur E. : *See* —
- Sharin, Samuel, Canfora, Liguori, and Kishi. 2,762,917.
- Canfora, Arthur E., to Radio Corp. of America. Electronic phase shifting system. 2,724,240, 11-27-56, Cl. 250-27.
- Canfora, Arthur E., to Radio Corp. of America. Automatic telegraph cycling control apparatus. 2,735,889, 2-21-56, Cl. 178-23.
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- Canallonga, Marco A., and L. Magid, to Hoffmann-La Roche Inc. Process for making fat-soluble vitamin active powder. 2,756,177, 7-24-56, Cl. 167-81.
- Cannata, Salvatore J. Combination walking cane, chair, and clothing rack. 2,742,954, 4-24-56, Cl. 155-141.
- Cannell, Murray D. Liquid transfer apparatus and automatic shut-off therefor. 2,771,917, 11-27-56, Cl. 141-217.
- Cannell, Rogers S., to United States of America as represented by the United States Atomic Energy Commission. Fluid flow meter and controller. 2,770,969, 11-20-56, Cl. 73-211.
- Canning, Frederick N. : *See* —
- Canning, Walter L. and F. N., and Bohm. 2,747,210.
- Canning, James H., to Sylvania Electric Products Inc. Electrical tester. 2,749,511, 6-5-56, Cl. 324-62.
- Canning, Walter L. and F. N., and W. O. Bohm. Coating appliance. 2,747,210, 5-29-56, Cl. 15-230.
- Cannon, Craig W. : *See* —
- Carlin, Robert, Cannon, and Mather. 2,750,843.
- Cannon, Frank H. : *See* —
- Bell, John, Cannon, and Mundy. 2,729,818.
- Cannon, Fred F. Posthole digger. 2,746,720, 5-22-56, Cl. 255-19.
- Cannon, Harry B. Apparatus for separating and concentrating granular mixtures. 2,769,545, 11-6-56, Cl. 209-493.
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- Cannon, James J. : *See* —
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- Cannon, James J. Tapered top container depressor. 2,775,386, 12-25-56, Cl. 229-7.
- Cannon, John B., Jr. : *See* —
- John, Frank T., and Cannon. 2,738,595.
- Cannon, John B., Jr., to Research Corp. Binary-decimal counter. 2,731,648, 12-11-56, Cl. 23-117.
- Cannon, William D., to The Western Union Telegraph Co. Direct coupled amplifier circuit. 2,740,849, 4-3-56, Cl. 179-171.
- Canoose, John E., to General Motors Corp. Two-stroke loop-scavenged engine and method of firing same. 2,762,351, 9-11-56, Cl. 123-69.
- Cansler, Mary A. Beautician's cape. 2,744,252, 5-8-56, Cl. 2-50.
- Cantalupo, Francis J., to Crane Co. Float supply valves. 2,752,936, 7-3-56, Cl. 137-414.
- Canter, George G. and G. G. Wrap-around car seal. 2,713,314, 11-20-56, Cl. 292-315.
- Canter, Gilbert G. : *See* —
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- Canter, James A., to General Motors Corp. Refrigerated water cooler. 2,739,461, 3-27-56, Cl. 62-141.
- Canter, James A., to General Motors Corp. Refrigerating apparatus for water coolers. 2,750,756, 6-19-56, Cl. 62-4.
- Canter, James A., to General Motors Corp. Open top display case with night cover. 2,773,357, 12-11-56, Cl. 62-89.5.
- Canterino, Peter J. : *See* —
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- Cantr, George R. Trouser waist buckle. 2,728,966, 1-3-56, Cl. 24-196.
- Cantil, George R. Adjustable waist and seat for garments. 2,755,481, 7-24-56, Cl. 2-237.
- Canton Cast Products Co., The : *See* —
- Cole, Ralph N. and V. T. 2,746,108.
- Canton Chaplet & Mfg. Co., The : *See* —
- Jenkins, Wendell L., and Bennett. 2,731,688.
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- Cantrell, James W., and C. H. Garrison. Hook holder. 2,761,394, 9-4-56, Cl. 104-89.
- Cantrell, Troy L. : *See* —
- Smith, Herschel G., and Cantrell. 2,767,165.
- Smith, Herschel G., Cantrell, and Hill. 2,742,392.
- Smith, Herschel G., Cantrell, and Peters. 2,736,702.
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- Cantrell, Troy L., and E. E. Fisher, to Gulf Oil Corp. Corrosion-inhibiting compositions. 2,763,614, 9-18-56, Cl. 252-32.5.
- Cantrell, Troy L., and J. G. Peters, to Gulf Oil Corp. Rust inhibiting lubricating oil compositions. 2,773,032, 12-4-56, Cl. 232-5.
- Cantwell, David B. Furniture leg and mounting means therefor. 2,762,670, 9-11-56, Cl. 311-111.
- Cape, Arthur T., to Coast Metals, Inc. Nickel-silicon-boron alloys. 2,743,177, 4-24-56, Cl. 75-171.
- Cape, Arthur T., to Coast Metals, Inc. Alloy weld rods. 2,754,200, 7-10-56, Cl. 75-123.
- Cape, Arthur T., to Supervalve Corp. Copper-brass brazing alloy. 2,755,182, 7-17-56, Cl. 75-159.
- Cape, Arthur T., to Coast Metals, Inc. Nickel-silicon-boron alloys. 2,755,183, 7-17-56, Cl. 75-171.
- Cape, Arthur T., to Coast Metals, Inc. Low melting point alloys. 2,762,706, 9-11-56, Cl. 75-134.
- Cape, Arthur T., and C. V. Foerster, to Coast Metals, Inc. Alloy compositions. 2,757,084, 7-31-56, Cl. 75-134.
- Capehart, Charles S., to C. G. Stirling. Articulated underground and crawling toys. 2,738,617, 3-20-56, Cl. 46-104.
- Capehart-Farnsworth Co., a division of International Telephone and Telegraph Corp.: See—  
Rooks, Howard B. 2,774,008.
- Capelli, Antonio G., and J. H. Wright, to Gulf Research & Development Co. Refining of sulfur bearing mineral oils with dialkylpolysulfide. 2,768,929, 10-30-56, Cl. 196-24.
- Capella, Primo J., and L. Blank. Label dispensing system. 2,765,205, 10-2-56, Cl. 312-91.
- Capellaro, Natale, to Ing. C. Olivetti & C. S. p. A. Fugitive gas underdraft control mechanism. 2,754,052, 7-10-56, Cl. 235-60.
- Capellman, John J., to Pittsburgh Plate Glass Co. Lining of refractory vessels. 2,771,376, 11-20-56, Cl. 106-57.
- Capewell Mfg. Co., The: See—  
Craven, Wilbur J. 2,746,118.
- Warner, Alden Y., and Brown. 2,742,899.
- Warner, Alden Y., Craven, Stacherl, and Boesel. 2,754,560.
- Capita, Emil R. Vacuum resistance furnace. 2,765,361, 10-2-56, Cl. 13-31.
- Caplan, Arnold P. Paint protective device for motor vehicles. 2,733,474, 2-7-56, Cl. 16-1.
- Capitol Machine Co., The: See—  
Baldasare, Michael. 2,740,004.
- Capizzi, Anthony: See—  
Gattuso, Salvatore E. 2,757,790.
- Capizzi, Peter: See—  
Gattuso, Salvatore E. 2,757,790.
- Caplan, Alexander. Fish lure. 2,740,220, 4-3-56, Cl. 43-17.6.
- Caplan, Alexander. Crossed tube furnace and still. 2,756,727, 7-31-56, Cl. 122-359.
- Caplan, Solomon, to The Harvel Corp. Polymerization of anacardic materials using sulfonic acid catalysts. 2,754,283, 7-10-56, Cl. 260-46.
- Caplin, Samuel M.: See—  
Steward, Frederick C., and Caplin. 2,736,644.
- Steward, Frederick C., and Caplin. 2,736,645.
- Steward, Frederick C., and Caplin. 2,763,940.
- Caplis, George W., V. I. Flagg, and F. J. Hierholzer, Jr., to Westinghouse Electric Corp. Photochemical lamp base. 2,769,156, 10-30-56, Cl. 339-145.
- Capoci, Leonardo, deceased; A. Bruno, administratrix, to Luisa Capoci. Hat holder construction. 2,761,644, 9-4-56, Cl. 248-303.
- Capoci, Luisa: See—  
Capoci, Leonardo. 2,761,644.
- Caponetti, Simon L. Hair curler. 2,749,921, 6-12-56, Cl. 132-40.
- Caporale, Mario. Door-controlled signaling device for automotive vehicle. 2,761,121, 8-28-56, Cl. 840-52.
- Caprella, Michael J., Jr., and B. A. Fraulo. Rupturable toy object. 2,747,874, 5-29-56, Cl. 273-102.1.
- Cappetta, August F. Jalousie window for automobiles. 2,742,680, 4-24-56, Cl. 20-62.
- Capps, Glen. Adjustable rack or mount for supporting one or more metal television picture tubes. 2,742,635, 4-17-56, Cl. 340-367.
- Capps, James H., to General Electric Co. Multispeed electric motor protective circuit. 2,735,974, 2-21-56, Cl. 318-220.
- Capps, Zollie B., to The Dow Chemical Co. Packing gland assembly. 2,766,731, 7-31-56, Cl. 137-315.
- Capra, Ottavio A. Heel plate assembly for a removable jaw wrench. 2,766,650, 10-16-56, Cl. 81-180.
- Capraro, Vittorio: See—  
Anzi, Costantino, and Capraro. 2,773,497.
- Capsek, Roger, to Bronzava S. A. Injection pumps. 2,733,610, 6-15-56, Cl. 103-41.
- Capstaff, John G., and C. W. Clutz, to Eastman Kodak Co. Continuously driven printing machine. 2,747,478, 5-29-56, Cl. 95-75.
- Caputo, James V., and T. J. Crawford: said Crawford assor. to said Caputo. Welding generator control apparatus. 2,747,155, 5-22-56, Cl. 322-4.
- Carabasse, Joseph: See—  
Magnant, Dominique, Carabasse, Godeau, and Menniesier. 2,735,174.
- Caracciolo, Joseph P. Selective signal system. 2,753,403, 7-3-56, Cl. 179-84.
- Caramelli, Carl F., to P. G. Caramelli. Center-controlled movable seat construction. 2,755,842, 7-24-56, Cl. 159-95.
- Caramelli, Peter G.: See—  
Caramelli, Carl F. 2,755,842.
- Carando Machine Works: See—  
McCoy, Thomas A. 2,774,406.
- Carani, Attilio D. Adapter for stove burner grills. 2,764,970, 10-2-56, Cl. 126-214.
- Carapellotti, Lawrence T., to the United States of America as represented by the Secretary of the Navy. Voltage amplitude quantizer and coder. 2,733,358, 1-31-56, Cl. 250-217.
- Carapucci, Tracy T. Textile cutting apparatus. 2,748,473, 6-5-56, Cl. 30-139.
- Carapucci, Tracy T., to Eastman Machine Co. Cutting machine with knife sharpener. 2,753,670, 7-10-56, Cl. 51-246.
- Carary, Richard J., to General Electric Co. Center guide support for refrigerator vegetable pan. 2,745,710, 5-15-56, Cl. 312-332.
- Carbary, Richard J., to General Electric Co. Sliding shelf. 2,755,157, 7-17-56, Cl. 312-338.
- Carbo, Edward J.: See—  
Bednarski, John A., and Carbo. 2,752,470.
- Carbodies Ltd.: See—  
Orr, John H. 2,739,484.
- Orr, John H. 2,750,227.
- Carbone, Frank B.: See—  
Brady, Lawrence P., and Carbone. 2,760,354.
- Carbonezzi, Stefano. Methods and arrangements for detecting layers of hydrocarbons in the ground. 2,766,422, 10-9-56, Cl. 324-6.
- Carbonic Dispenser, Inc.: See—  
Welty, Frank and R. 2,750,076.
- Welty, Frank and R. D. 2,753,850.
- Welty, Frank and R. D. 2,756,772.
- Carborundum Co., The: See—  
Auer, Michael J. 2,743,136.
- Goepfert, George J. 2,769,700.
- Houchins, Henry R. 2,730,439.
- Mark, Stanley D., Jr. 2,742,906.
- Nicholson, Kenneth C. 2,731,359.
- Nicholson, Kenneth C. 2,766,141.
- Swentzel, John P. 2,752,258.
- Udy, Marvin J. 2,741,822.
- Van Ormer, William K., and Aust. 2,770,928.
- Von Doenhoff, Carl. 2,752,739.
- Carbrey, Robert L., to Bell Telephone Laboratories, Inc. Code translator. 2,755,459, 7-17-56, Cl. 340-347.
- Cardani, Charles P., to United Shoe Machinery Corp. Component inserting machines. 2,748,388, 6-5-56, Cl. 1-2.
- Cardani, Charles P., and J. Harrington, Jr., to United Shoe Machinery Corp. Invertible sockets or receptacles. 2,774,949, 12-18-56, Cl. 339-128.
- Carden, Marsene T. Radio and/or TV log holder. 2,747,465, 5-29-56, Cl. 88-39.
- Cardillo, Joseph S., M. M. Hann, C. L. Sadler, Jr., and F. G. Lundgren, to Sundstrand Machine Tool Co. Hydraulic transmission and control. 2,731,569, 1-17-56, Cl. 290-4.
- Cardillo, Joseph S., and M. M. Hann, to Sundstrand Machine Tool Co. Hydraulic pump and control. 2,769,393, 11-6-56, Cl. 103-5.
- Carding Specialists (Canada) Ltd.: See—  
Hopkinson, Harold. 2,774,112.
- Varga, Andre, and Stott. 2,762,295.
- Cardon, Samuel L., to the United States of America as represented by the United States Atomic Energy Commission. Method of preparing the double halide salts of thorium and alkali metals. 2,743,155, 4-24-56, Cl. 23-14.5.
- Cardox Corp.: See—  
Baca, Fiorentino B. 2,741,462.
- Callahan, Oscar L. 2,771,032.
- Patterson, Clifford R., and de Bourguignon. 2,752,945.
- Williamson, Hilding V. 2,740,690.
- Williamson, Hilding V., and Conner. 2,758,657.
- Williamson, Hilding V., and Hampel. 2,768,877.
- Williamson, Hilding V., and Hesson. 2,768,016.
- Cardwell Machine Co., Inc. The: See—  
Allen, Claude V. 2,760,499.
- Cardwell, Paul H., and L. H. Eilers, to The Dow Chemical Co. Scale removal. 2,735,818, 2-21-56, Cl. 252-136.
- Cardwell, Paul H., and E. N. Alderman, Jr., to The Dow Chemical Co. Method and composition for combating corrosion. 2,745,809, 5-15-56, Cl. 252-8.55.
- Cardwell, Paul H., and A. R. Hendrickson, to The Dow Chemical Co. Method and composition for acidizing wells. 2,763,326, 9-18-56, Cl. 166-42.
- Cardwell Westinghouse Co.: See—  
Campbell, David S. 2,747,518.
- Campbell, David S. 2,760,651.
- Campbell, David S. 2,768,894.
- Tucker, Herbert E. 2,738,078.
- Carefoot, George F. Adjustable keel for skis. 2,741,487, 4-10-56, Cl. 280-28.
- Caretta, Fausto. Chuck and driving lathe control device. 2,737,072, 3-6-56, Cl. 82-28.
- Caretti, Louis S. Artificial bait. 2,730,828, 1-17-56, Cl. 43-2.
- Caretto, Howard L.: See—  
Cassell, Joseph L., and Caretto. 2,749,453.
- Carew, Herman, to Dixie Cup Co. Cup dispensing apparatus. 2,740,551, 4-3-56, Cl. 221-63.

- Carew, Herman, to Dixie Cup Co. Magnetic temporary vessel. 2,755,011, 7-17-56, Cl. 229—15.
- Carew, Herman, to Dixie Cup Co. Beverage dispensing system. 2,757,839, 8-7-56, Cl. 226—19.
- Carew, Herman, to Dixie Cup Co. Magnetic holder for paper cups. 2,770,958, 11-20-56, Cl. 65—61.
- Carey, Frederick H., to Dowty Equipment Ltd. Liquid fuel supply systems for continuous combustion turbine engines. 2,738,003, 3-13-56, Cl. 158—36.4.
- Carey, George P., F. B. Rakoff, and W. F. Saars, to the United States of America as represented by the Secretary of the Navy. Eccentric groove generating device. 2,736,965, 3-6-56, Cl. 33—27.
- Carey, Philip, Mfg. Co., The: *See—*  
Groskopf, Edwin O. 2,742,373.  
Groskopf, Edwin O. 2,742,374.
- Carey, Talmage G. Hair straightening and rewaving device. 2,763,270, 9-18-56, Cl. 132—40.
- Carey, Thomas E., to Red Wing Sewer Pipe Corp. Filtering media. 2,739,118, 3-20-56, Cl. 210—7.
- Cargili, Frank J. Remote control electric plug. 2,752,582, 6-2-56, Cl. 339—165.
- Cargili, Jeffrey M., and H. M. Taft, to Bryant Chucking Grinder Co. Squareness-of-face gage. 2,772,484, 12-4-56, Cl. 33—180.
- Cargili, Sylvester H., and W. L. Harkess; said Harkess assor. to said Cargili. Apparatus for closing and sealing cartons. 2,747,350, 5-29-56, Cl. 53—124.
- Carhart, Richard L., to United States Steel Corp. Cold working lubricant for wire and the like. 2,736,699, 2-28-56, Cl. 252—18.
- Caridis, Andrew A.: *See—*  
Harris, James C., Jr., Caridis, and Kendall. 2,731,732.
- Carignan, Charles J.: *See—*  
Evers, Ernest C., and Carignan. 2,734,795.
- Caris, Darl F., and F. Davis, to General Motors Corp. Intake manifold. 2,771,864, 11-27-56, Cl. 123—52.
- Carlsruh, Le Roy F., to The Diamond Match Co. Control device for carton set-up machine. 2,744,599, 5-8-56, Cl. 192—125.
- Carl, John H. Railway track cleaner. 2,744,273, 5-8-56, Cl. 13—55.
- Carlsberg, Erling R., to Aktiebolaget Elektrolux. Structure for indicating need for removing suction cleaner dust bag. 2,750,915, 6-19-56, Cl. 116—65.
- Carlsberg, Robert E.: *See—*  
Stanton, Arthur J., Carlsberg, Bole, Sieve, Danziger, and De Masi. 2,745,317.
- Carlbom, Lars E., and I. G. Hedlund. Radiation dosimeter for indicating gamma and X-ray radiation. 2,761,073, 8-28-56, Cl. 250—83.6.
- Carle, George E., to Farrel-Birmingham Co., Inc. Wedge-locking mechanism for machine slides. 2,768,406, 10-30-56, Cl. 18—12.
- Carle, Guy F. Plug valve. 2,760,515, 8-28-56, Cl. 137—246.18.
- Carle, Paul, to Air Purification, Inc. Air cleaner. 2,738,177, 3-13-56, Cl. 261—90.
- Carlen, Bertil, to International Ytong Co. Aktiebolag. Method for producing artificial stones from slate ashes and lime. 2,741,798, 4-17-56, Cl. 18—47.5.
- Carleson, Bengt J. T., to Telefonaktiebolaget L M Ericsson. Variable attenuation correcting electric impedance network. 2,758,281, 8-7-56, Cl. 333—16.
- Carleton, Dana B., to United States Steel Corp. Stranding machine. 2,741,081, 4-10-56, Cl. 57—71.
- Carleton, James T.: *See—*  
Moore, Raymond W., King, Carleton, and Stringer. 2,743,401.
- Carleton, James T., to Westinghouse Electric Corp. Voltage reference network. 2,743,152, 4-24-56, Cl. 321—18.
- Carleton, James T., and D. A. Burt, to Westinghouse Electric Corp. Minimum excitation limit circuits. 2,757,332, 7-31-56, Cl. 322—25.
- Carleton, Richard J., Jr.: *See—*  
Stone, Leonard R., Watson, and Carleton. 2,769,945.
- Carleton, Richard J., Jr., to Republic Steel Corp. Weighing apparatus. 2,742,278, 4-17-56, Cl. 265—27.
- Carleton, Richard J., Jr., to Republic Steel Corp. Apparatus for metering of molten metal by weight. 2,753,605, 6-22-56, Cl. 22—56.
- Carley, David R., and W. E. Foster, to Ethyl Corp. Dimerization process. 2,773,092, 12-4-56, Cl. 260—533.
- Carlier, Desiré: *See—*  
Guilleminot, Roger, and Carlier. 2,755,923.
- Carlile, Alfred E., to Talon, Inc. Lock slider for slide fasteners. 2,752,655, 7-3-56, Cl. 24—205.14.
- Carlile, Alfred E., to Talon, Inc. Adjustable fastener. 2,764,795, 10-2-56, Cl. 24—206.
- Carlin, Benson: *See—*  
Thatcher, Charles J., and Carlin. 2,774,193.
- Carlin, Edward J. Heels. 2,730,820, 1-17-56, Cl. 36—36.
- Carlin, Edward J. Lady's shoe heel. 2,760,280, 8-28-56, Cl. 36—38.
- Carlin, Robert, C., W. Cannon, and J. M. Mather, to Allis-Chalmers Mfg. Co. Gun firing system. 2,750,843, 6-19-56, Cl. 39—27.
- Carling, Arthur R.: *See—*  
Duchesneau, Herve R., and Carling. 2,735,688.
- Carlisle, Benjamin H., to The Clark Controller Co. Dynamic braking host control. 2,733,393, 1-31-56, Cl. 318—203.
- Carlisle, Charles H., and J. A. Smith, to Esso Research and Engineering Co. System for seismic exploration. 2,759,551, 8-21-56, Cl. 181—5.
- Carlisle Chemical Works, Inc.: *See—*  
Mack, Gerry P. 2,745,820.  
Mack, Gerry P. 2,745,822.  
Mack, Gerry P., and Parker. 2,739,902.  
Mack, Gerry P., and Parker. 2,739,905.  
Mack, Gerry P., and Parker. 2,745,819.
- Carlisle, Denis R.: *See—*  
Johnson, Francis M., and Carlisle. 2,771,744.
- Carlisle, James V., J. C. Copes, C. L. Weeks, and W. F. Zachariah, to Ethyl Corp. Drum caster. 2,756,472, 7-31-56, Cl. 22—57.
- Carlo, Donald R., to International Telephone and Telegraph Corp. Image tube. 2,774,002, 12-11-56, Cl. 313—65.
- Carlo Erba, S. P. A.: *See—*  
Anzi, Costantino, and Capraro. 2,773,497.
- Carlson, John. Ironing unit. 2,739,398, 3-27-56, Cl. 38—107.
- Carlson, Leonard O., and T. H. Peck, to The Gleason Works. Machine for testing or forming gears. 2,762,220, 9-11-56, Cl. 73—162.
- Carlson, William R., to Michigan Tool Co. Shaving cutter for gears. 2,749,802, 6-12-56, Cl. 90—1.6.
- Carlson, Allan E., to Clevite Corp. Crystal growing method. 2,773,751, 12-11-56, Cl. 23—302.
- Carlson, Andrew C. Gun sling retainer. 2,748,390, 6-5-56, Cl. 2—2.
- Carlson, Arthur H.: *See—*  
Holland, Cyrus J., Wulff, and Carlson. 2,737,905.
- Carlson, Arthur J. Crane hook with reaction jet orienting means. 2,736,600, 2-28-56, Cl. 294—88.
- Carlson, Arthur W., to Veliscol Chemical Corp. Bis-epoxycyclopentany ether. 2,739,161, 3-20-56, Cl. 260—348.
- Carlson, Carl R., A. R. Gagne, and E. M. Swenson, to Calumet Flexicore Corp. Means for casting concrete beams. 2,758,353, 8-14-56, Cl. 25—121.
- Carlson, Carl V.: *See—*  
Youle, John C., and Carlson. 2,758,399.
- Carlson, Catharine S.: *See—*  
Carlson, Maurice F., and C. S. 2,734,655.
- Carlson, Charles W. Method of making glassware article. 2,754,629, 7-17-56, Cl. 49—85.
- Carlson, Chester F., to The Battelle Development Corp. Development mechanism for electrostatic images. 2,761,416, 9-4-56, Cl. 118—51.
- Carlson, Clarence J. Tractor parallel row producing guide means. 2,771,043, 11-20-56, Cl. 111—1.
- Carlson, Clarence O., W. O. Everling, and F. E. Robinson, to United States Steel Corp. Method and apparatus for breaking scale from a rod. 2,730,791, 1-17-56, Cl. 29—81.
- Carlson, David: *See—*  
Pan, Wen Y., and Carlson. 2,753,456.
- Carlson, Dwayne C., ½ to O. W. Jensen and B. E. Jensen. Birthday cake cover with base. 2,758,458, 8-14-56, Cl. 60—59.
- Carlson, Donald O., to Inspiration Consolidated Copper Co. Process for recovery of copper from cupriferous ore. 2,730,493, 1-10-56, Cl. 204—108.
- Carlson, Donald W., to The Visking Corp. Method of making drum liners. 2,751,319, 6-19-56, Cl. 154—83.
- Carlson, Dwight B., to International Harvester Co. Drawer type cylinder concave for threshers. 2,743,728, 5-1-56, Cl. 130—27.
- Carlson, Edwin N.: *See—*  
Carlson, Paul H., E. N. and W. E. 2,738,711.
- Carlson, Ernest C., and E. F. Huddle, to International Harvester Co. Balanced double knife mower. 2,769,296, 11-6-56, Cl. 168—297.
- Carlson, Ernest R., to Harvey Hubbell, Inc. Back wired electrical receptacle having spring contacts for gripping conductors. 2,753,538, 7-3-56, Cl. 339—164.
- Carlson, Eugene C., to Stanolind Oil and Gas Co. Production of sulfur from gaseous mixtures containing hydrogen sulfide. 2,742,347, 4-17-56, Cl. 23—225.
- Carlson, George E., J. P. Bader, and N. B. Owen, to Viking Valve Co. Pressurized container valve structure. 2,744,665, 5-8-56, Cl. 222—394.
- Carlson, George J., and C. R. Gum, to Shell Development Co. Means for making supported silver catalysts. 2,773,844, 12-11-56, Cl. 252—463.
- Carlson, George J., G. W. Gaertner, and F. B. West, to Shell Development Co. Process for drying carbonylic compounds. 2,774,792, 12-18-56, Cl. 260—601.
- Carlson, Gordon A.: *See—*  
Pechukas, Alphonse, and Carlson. 2,765,215.
- Carlson, Gothe J.: *See—*  
Armstrong, Daniel A., and Carlson. 2,739,560.
- Carlson, Gustav A., to The Boye Needle Co. Crochet hook. 2,738,602, 3-20-56, Cl. 66—118.
- Carlson, Harold A. Extensible and collapsible posture chair. 2,755,843, 7-24-56, Cl. 155—105.
- Carlson, Harold A., to Carter Carburetor Corp. Throttle control for two-stage carburetor. 2,749,100, 6-5-56, Cl. 261—23.
- Carlson, Harold C. R. Spring grinder. 2,766,561, 10-16-56, Cl. 51—14.
- Carlson, Harry O. Auxiliary seats for strollers. 2,769,482, 11-6-56, Cl. 155—10.
- Carlson, Henry E. Combined tooth brush and handle. 2,740,149, 4-3-56, Cl. 15—185.
- Carlson, Hilding C., and J. J. Noble, to American Steel Foundries. Fabricated brake beam. 2,753,961, 7-10-56, Cl. 188—228.6.
- Carlson, Hugo R. Goggles toy. 2,743,448, 5-1-56, Cl. 2—14.



- Carlson, John E. Snap switch. 2,752,446, 6-26-56, Cl. 200-67.
- Carlson, Lawrence A., Sr. Duster. 2,746,074, 5-22-56, Cl. 15-210.
- Carlson, Leonard E. See—  
Bernreuter, Herbert A., and Carlson. 2,769,340.
- Carlson, Lester A., and R. H., to Westinghouse Air Brake Co. Brake control apparatus. 2,739,371, 8-21-56, Cl. 188-181.
- Carlson, Martin, to G. W. Hously, Jr. Automatic door operator. 2,739,808, 3-27-56, Cl. 268-34.
- Carlson, Martin, to G. W. Hously, Jr. Pivotal door check device. 2,752,627, 7-3-56, Cl. 16-55.
- Carlson, Martin, and E. G. Bruhnke, to G. W. Hously, Jr. Door closer mechanism. 2,770,004, 11-13-56, Cl. 16-55.
- Carlson, Marvin C., to McGill Mfg. Co., Inc. Switching assembly. 2,731,531, 1-17-56, Cl. 200-153.
- Carlson, Marvin C. Steering controlled vehicle stabilizing system. 2,735,691, 2-21-56, Cl. 280-112.
- Carlson, Maurice F., and C. S. Tear strip remover for cans. 2,734,653, 2-14-56, Cl. 220-52.
- Carlson, Morris W., to General Electric Co. Thermal responsive control device. 2,752,455, 6-26-56, Cl. 200-138.
- Carlson, Oscar F. Valve. 2,745,628, 5-15-56, Cl. 251-83.
- Carlson, Oscar F., to Oscar F. Carlson Co. Control for hot air circulating system. 2,753,120, 7-3-56, Cl. 237-8.
- Carlson, Oscar F. Co. See—  
Carlson, Oscar F. 2,753,120.
- Carlson, Paul H., E. N. and W. E. Slot cutting device. 2,738,711, 3-20-56, Cl. 90-1162.
- Carlson, Reuben C., to Admiral Corp. Phonograph record player. 2,729,456, 1-3-56, Cl. 274-10.
- Carlson, Reuben C., to Admiral Corp. Phonograph record player. 2,762,626, 9-11-56, Cl. 274-10.
- Carlson, Reuben C., to Admiral Corp. Phonograph record player. 2,764,415, 9-25-56, Cl. 274-10.
- Carlson, Reuben T. See—  
Johnson, Robert C., Millard, and Carlson. 2,766,855.  
Johnson, Robert C., Millard, and Carlson. 2,766,858.
- Carlson, Robert H. See—  
Carlson, Lester A. and R. H. 2,759,571.
- Carlson, Stanley H. See—  
Jorgensen, Robert A., and Carlson. 2,761,172.
- Carlson, Theodore E. See—  
Bowen, Max E., Hanish, and Carlson. 2,772,344.
- Carlson, Theodore E., to Industrial Rayon Corp. Tension controlling device. 2,758,802, 8-14-56, Cl. 242-150.
- Carlson, Viola M. Room ventilator. 2,772,352, 11-27-56, Cl. 75-58.
- Carlson, Warren E. See—  
Carlson, Paul H., E. N. and W. E. 2,738,711.
- Carlson, Wilbur L., to General Motors Corp. Method of forming bushings. 2,759,258, 8-21-56, Cl. 29-535.
- Carlson, Willard A., to United States Steel Corp. Method of decarburizing semi-killed steel. 2,771,856, 11-20-56, Cl. 75-58.
- Carlson, William F. Illuminated fish lure. 2,754,610, 7-17-56, Cl. 43-17.6.
- Carlsted, Sven B. F. Automatic dish-washing machine and control mechanism. 2,730,114, 1-10-56, Cl. 134-37.
- Carlston, Earl F. See—  
Lum, Funston G., and Carlston. 2,742,496.  
Lum, Funston G., Carlston, and Butler. 2,766,221.  
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- Carlston, Earl F., and F. G. Lum, to California Research Corp. Process for separating isophthalic acid and terephthalic acid mixtures. 2,732,399, 1-24-56, Cl. 260-525.
- Carlston, Earl F., and F. G. Lum, to California Research Corp. Isophthalic acid and terephthalic acid separation. 2,745,872, 5-15-56, Cl. 260-525.
- Carlstrom, Jesper H. See—  
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- Carlton, Cecil F. Air conditioner chassis. 2,736,176, 2-28-56, Cl. 62-129.
- Carlton, George M., and L. S. Busch, to P. R. Mallory & Co., Inc. Metal-ceramic materials and method of making same. 2,747,260, 5-29-56, Cl. 23-182.5.
- Carlton, Herbert E., Jr. See—  
Walkup, Lewis E., and Carlton. 2,752,271.
- Carlton Machine Tool Co. See—  
Volz, Kenneth L., and Weidig. 2,737,832.
- Carlton, Paul R. Portable food-vending cribs. 2,733,094, 1-31-56, Cl. 23-22.
- Carlto, Stuart S. See—  
Topinka, Alfred A., McKenna, and Carlton. 2,731,402.
- Carlyle, William J., to R. J. D. Hellsborn. Article forming method and apparatus. 2,739,377, 3-27-56, Cl. 29-555.
- Carlyle, William J., to R. J. D. Hellsborn. Precision article for electric resistance projection welding. 2,740,034, 3-27-56, Cl. 219-10.
- Carl-Zeiss-Stiftung. See—  
Conradi, Rudolph, and Kohler. 2,767,613.
- Carman, Charles M., Jr. Fastener. 2,749,589, 6-12-56, Cl. 24-153.
- Carman, Justice N., Jr. See—  
Barnes, Sanford H., and Carman. 2,742,383.
- Carman, Justice N., Jr., to Hughes Aircraft Co. Apparatus for assembling semiconductor devices. 2,757,440, 8-7-56, Cl. 29-25.3.
- Carman, Leon R. Fuel nozzle. 2,734,775, 2-14-56, Cl. 299-107.
- Carmichael, James T., to The Brewster Co. Actuating mechanism for drawworks brakes. 2,742,980, 4-24-56, Cl. 188-77.
- Carmichael, Thomas F., to Synco Corp. Vibratory electric cutting tool. 2,771,102, 11-20-56, Cl. 143-73.
- Carmichael, Walter C., to American Optical Co. Display stands for spectacle frames or the like. 2,764,286, 9-25-56, Cl. 206-79.
- Carmody, Don R., to Standard Oil Co. Liquid propellant. 2,753,683, 7-10-56, Cl. 60-35.4.
- Car-Mon Products Co. See—  
Imming, Cornell A. 2,765,752.
- Carnaua, Harold E., to Borg-Warner Corp. Hydrodynamic type transmission and control mechanism therefor. 2,740,257, 4-3-56, Cl. 60-54.
- Carnahan, Orson A. Float actuated valve. 2,766,769, 10-16-56, Cl. 137-436.
- Carnahan, Robert E., to Chas. Pfizer & Co., Inc. Preparation of thiamin chloride hydrochloride. 2,762,803, 9-11-56, Cl. 260-256.6.
- Carnall, Edward, Jr., and J. J. Lugert, to Eastman Kodak Co. Optical lens making. 2,768,108, 10-23-56, Cl. 154-128.
- Carnall, George, and M. A. Van Cleave, to Van Cleave Farms. Mechanical weeder. 2,764,922, 10-2-56, Cl. 97-44.
- Carnegie, David, Jr., to Congoleum-Nairn Inc. Flexible felt base covering. 2,774,685, 12-18-56, Cl. 117-76.
- Carnegie-Illinois Steel Corp. See—  
Francis, Charles B., and Porter. 2,749,609.  
Spoehr, Herman A., and Milner. 2,732,661.
- Carnegie Institute of Technology. See—  
Howard, Henry C. 2,762,840.
- Carnegie Institute of Washington. See—  
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- Carnegie, William L. See—  
Almen, John O., and Carnegie. 2,733,797.  
Almen, John O., and Carnegie. 2,733,798.
- Carnes, Fred D., to Flexible Road Joint Machine Co. Apparatus for placing corrugated joints in concrete. 2,729,152, 1-3-56, Cl. 94-51.
- Carnes, Robert J. See—  
Rogers, Harlan N. 2,746,197.
- Carnes, Joseph J., to American Cyanamid Co. Method of softening textile material and resulting product. 2,761,795, 9-4-56, Cl. 117-139.5.
- Carnes, Joseph J., A. A. Price, and W. T. Booth, Jr., to American Cyanamid Co. Guanidinium salts of N-alkylmaleamic acids. 2,739,168, 3-20-56, Cl. 260-501.
- Carnes, Joseph J., and W. T. Booth, Jr., to American Cyanamid Co. Ethenoxy n-monoethanolamides of tall oil. 2,744,888, 5-8-56, Cl. 260-97.5.
- Carnes, Samuel C. Pouring spout attachment. 2,735,594, 2-21-56, Cl. 222-567.
- Carnes, W. R. Co. See—  
Carnes, Wilbur R. F. 2,772,624.
- Carnes, Wilbur R. F., to W. R. Carnes Co. Diffuser. 2,772,624, 12-4-56, Cl. 98-40.
- Carnes, Charles R., Jr. Evaporative cooling apparatuses. 2,751,837, 6-26-56, Cl. 98-2.
- Carney Co., Inc. The. See—  
Downey, Richard M. 2,729,849.
- Carney, Dennis J., to United States Steel Corp. Method for producing low sulphur blast furnace iron. 2,760,856, 8-28-56, Cl. 75-41.
- Carney, Duane A., to Collins Radio Co. Differential servo control. 2,760,130, 8-21-56, Cl. 318-28.
- Carney, John W. Doll dress. 2,737,661, 3-13-56, Cl. 2-74.
- Carney, Samuel C., to Phillips Petroleum Co. Method of liquid-liquid contacting. 2,735,755, 2-21-56, Cl. 23-310.
- Carnice, Juan. See—  
Gine, Miguel, and Carnice. 2,754,137.
- Carnick, Lyle, to Copco Steel & Engineering Co. Basement window construction. 2,753,964, 7-10-56, Cl. 189-69.
- Caroleo, Joseph L. Combination credenza and folding bed. 2,768,980, 10-30-56, Cl. 5-2.
- Carolus, James B., to Leeds and Northrup Co. Impulse telemetering system. 2,731,626, 1-17-56, Cl. 340-206.
- Carolus, James B., to Leeds and Northrup Co. Systems for controlling generating units. 2,732,506, 1-24-56, Cl. 307-57.
- Carolus, James B., and E. J. Cranch, to Leeds and Northrup Co. Generator loading rate control. 2,743,097, 4-24-56, Cl. 264-8.
- Caron, Martinus H. Process of separating nickel and cobalt. 2,738,266, 3-13-56, Cl. 75-119.
- Carosella, Michael C. See—  
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- Carosella, Michael C., to Union Carbide and Carbon Corp. Electrolytic manganese cell. 2,739,116, 3-20-56, Cl. 204-257.
- Carosella, Michael C., to Union Carbide and Carbon Corp. Electrolytic manganese. 2,750,338, 6-12-56, Cl. 204-105.
- Carosella, Michael C., to Union Carbide and Carbon Corp. Production of manganese. 2,766,197, 10-9-56, Cl. 204-105.
- Carosella, Michael C., to Union Carbide and Carbon Corp. Anodes for electrowinning of manganese. 2,766,198, 10-9-56, Cl. 204-105.
- Carosella, Michael C., and J. D. Mettler, to Union Carbide and Carbon Corp. Preparation of basic chromium sulphate from iron-chromium alloys. 2,766,101, 10-9-56, Cl. 23-117.

- Caroselli, Remus F., to Owens-Corning Fiberglass Corp. Sized and anti-static coated synthetic fiber and process of coating. 2,731,367, 1-17-56, Cl. 117—126.
- Caroselli, Remus F., to Owens-Corning Fiberglass Corp. Method of treating fibers with a vinyl copolymer and a Werner complex. 2,744,835, 3-8-56, Cl. 117—72.
- Caroselli, Remus F., to Owens-Corning Fiberglass Corp. Method of treating glass fibers with a composition including colloidal silica and article produced thereby. 2,754,221, 7-10-56, Cl. 117—46.
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- Caroselli, Remus F., to Owens-Corning Fiberglass Corp. Method of treatment of glass fibers with colloidal silica and product produced thereby. 2,754,224, 7-10-56, Cl. 117—65.
- Carothers, Melvin M. Exhaust fan switch. 2,722,331, 11-27-56, Cl. 200—84.
- Carp, Arthur. Wall mounted cap remover with retainer. 2,759,382, 8-21-56, Cl. 81—3.1.
- Carpenter, Albert J., to The Cleveland Tapping Machine Co. Adjustable pipe fitting clamp construction for tapping machine. 2,732,570, 1-31-56, Cl. 10—107.
- Carpenter, Albert J., to The Cleveland Tapping Machine Co. Indexing table construction. 2,757,559, 8-7-56, Cl. 74—820.
- Carpenter, Arley D. and J. A. Spring or cushion clamp. 2,746,701, 5-22-56, Cl. 248—73.
- Carpenter, Chester P.: See—
- Jones, Charles H., and J. A. Carpenter. 2,757,301.
- Carpenter, Clayton A., to Union Oil Co. of California. Oil well process. 2,742,967, 4-24-56, Cl. 166—39.
- Carpenter, Clayton A., to Union Oil Co. of California. Well heater. 2,748,868, 6-5-56, Cl. 166—50.
- Carpenter, Clayton A., and P. W. Fischer, to Union Oil Co. of California. Removal of waxy sludges from pipelines and oil wells. 2,753,939, 7-10-56, Cl. 166—41.
- Carpenter, David E., C. P. Johnston, H. P. House, and K. O. Johnson, to the United States Atomic Energy Commission. Preparation of anhydrous vanadium trifluoride. 2,743,161, 4-24-56, Cl. 23—88.
- Carpenter, Earley S. Non-stick portable soap tray. 2,752,724, 7-3-56, Cl. 45—28.
- Carpenter, Edison F. Combined bottle closure and dispensing machine. 2,758,759, 8-14-56, Cl. 222—545.
- Carpenter, Edwin O., J. M. Morgan, Jr., and M. V. Waters, to The Cincinnati Milling Machine Co. Electric motor control system for a reproducing machine. 2,732,521, 1-24-56, Cl. 318—39.
- Carpenter, Ellsworth J.: See—
- Donale, Douglas, and Carpenter. 2,743,685.
- Carpenter, Ernest L. Electro-magnetic road cleaner. 2,759,604, 8-21-56, Cl. 209—215.
- Carpenter, Erwin L.: See—
- Webb, Richard L., and Carpenter. 2,753,375.
- Carpenter, George C. Control device for model airplanes. 2,736,133, 2-28-56, Cl. 49—77.
- Carpenter, Gilbert B., E. R. Blanchard, and A. J. Buselli, to Air Reduction Co., Inc. Polymeric carbon and method of production. 2,765,354, 10-2-56, Cl. 260—666.
- Carpenter, Gilbert B., O. W. Fortner, and A. J. Buselli, to Air Reduction Co., Inc. Molded acetylene polymer and method of production. 2,751,628, 6-26-56, Cl. 18—55.
- Carpenter, Jack. Cutting torch holder. 2,766,817, 10-16-56, Cl. 158—27.4.
- Carpenter, James H. Magnetic induced roll ore separator. 2,767,843, 10-23-56, Cl. 209—219.
- Carpenter, James H. Commutated ore feed control. 2,767,844, 10-23-56, Cl. 209—231.
- Carpenter, James S., J. C. Shutt, and J. H. Winchester, to The Eagle-Picher Co. Removal of molded articles. 2,744,286, 5-8-56, Cl. 18—2.
- Carpenter, John A.: See—
- Carpenter, Riley D. and J. A. 2,746,701.
- Carpenter, Joseph G.: See—
- Dieterichs, Frank F. 2,764,851.
- Carpenter, Louis L.: See—
- Hess, Raymond C., Carpenter, and Horstemeier. 2,740,993.
- Carpenter, Otis R., and N. C. Jessen, to The Babcock & Wilcox Co. Welded joint between dissimilar metals. 2,770,030, 11-13-56, Cl. 29—196.1.
- Carpenter and Paterson Inc.: See—
- Herzog, Ernest A. 2,738,151.
- Carpenter, Paul G., to Phillips Petroleum Co. Sealing porous formations. 2,735,269, 2-21-56, Cl. 61—36.
- Carpenter, Paul G., to Phillips Petroleum Co. Gas lift system. 2,746,395, 5-22-56, Cl. 103—233.
- Carpenter, Paul G., to Phillips Petroleum Co. Kick-off for gas-lift wells. 2,749,990, 6-12-56, Cl. 166—39.
- Carpenter, Robert H., to Meridian Corp. Hinge type coupling flange. 2,749,149, 6-5-56, Cl. 285—30.
- Carpenter, Russell J. Paper roll handling attachment for industrial elevating trucks. 2,775,359, 12-25-56, Cl. 214—653.
- Carpenter Steel Co., The: See—
- Post, Carl B., and Eberly. 2,730,443.
- Carpenter, Victor H. Dental grinding tool. 2,735,181, 2-21-56, Cl. 32—59.
- Carpenter, Walter F.: See—
- Morse, Leslie G., and Carpenter. 2,768,770.
- Carpenter, Walter H. Method for holding shrimp. 2,746,272, 5-22-56, Cl. 62—170.
- Carper, Oswald V. Shirt protector. 2,764,280, 9-25-56, Cl. 206—7.
- Carpinella, Michael J., to Scovill Mfg. Co. Fastener attaching machine. 2,735,567, 2-21-56, Cl. 218—6.
- Carpinella, Michael J., to Scovill Mfg. Co. Snap fastener socket. 2,771,053, 11-27-56, Cl. 24—216.
- Carpinella, Michael J., and R. V. Rosengrant, to Scovill Mfg. Co. Machine for setting and spacing fastener elements on garments. 2,734,653, 2-14-56, Cl. 218—6.
- Carr, Adams & Collier Co.: See—
- Allen, Paul L., Norman, and Sitterly. 2,732,594.
- Sitterly, Charles K. 2,759,746.
- Carr, Amos J., Jr., to Raytheon Mfg. Co. Electronic position and motion control systems. 2,753,468, 7-3-56, Cl. 307—105.
- Carr, Charles E., to National Steel Corp. Open hearth charging container with end-gate bridging means. 2,757,925, 8-7-56, Cl. 266—13.
- Carr, Clyde L., Jr., to United States Rubber Co. Polyvinyl chloride for use in plastisols. 2,729,627, 1-3-56, Cl. 260—92.8.
- Carr, Edward W., R. F. Daehler, J. W. Adelman, Jr., and G. E. Hansen, to Crane Co. Car-end valve. 2,753,889, 7-10-56, Cl. 137—630.15.
- Carr, Laurence H., to Edward Valves, Inc. Methods for manufacturing high pressure vessels. 2,752,669, 7-3-56, Cl. 29—404.
- Carr, Robert S.: See—
- Bieber, Charles E., and Carr. 2,736,413.
- Carr, Robert S., and T. N. Anderson, to Airtron, Inc. T-connectors for coaxial cables. 2,754,487, 7-10-56, Cl. 339—102.
- Carr, Willie P. Pipe tool. 2,755,761, 7-24-56, Cl. 113—111.
- Carrara, Gino, to Lepetit S. p. A. Isocyanate acid hydrazones of bicyclic terpene ketones. 2,769,099, 10-30-56, Cl. 260—295.
- Carrara, Gino, to Lepetit S. p. A. Cycloalkanoncarboxylic acid isocyanatylhydrazones and their salts. 2,773,065, 12-5-56, Cl. 260—95.
- Carrara, Gino, and E. Testa, to Lepetit S. p. A. Glucosides of chloramphenicol. 2,731,055, 2-7-56, Cl. 260—210.
- Carrau, Mario J. Mechanical gun. 2,737,941, 3-13-56, Cl. 124—1.
- Carrau, Mario J. High altitude observation means. 2,763,447, 9-18-56, Cl. 244—3.
- Carreau, Alfred, to Daystrom, Inc. Concrete panel handling apparatus. 2,761,724, 9-4-56, Cl. 294—63.
- Carrick, Leo L., and J. M. Stapleton, to the Regents of the University of Michigan. Storage battery. 2,739,997, 3-27-56, Cl. 136—57.
- Carrington, Virgil E., to W. W. Freedle. Tuffing button attaching device. 2,762,160, 9-11-56, Cl. 45—138.
- Carrie, John. Ship's navigational light. 2,740,038, 3-27-56, Cl. 240—7.5.
- Carriel, Jonathan T.: See—
- Billica, Harry R., and Carriel. 2,739,957.
- Carrier Conveyor Corp.: See—
- Carrier, Robert M., Jr. 2,760,503.
- Carrier, Robert M., Jr. 2,771,983.
- Carrier, Robert M., Jr., and Morris. 2,767,826.
- Carrier Corp.: See—
- Ashley, Carlyle M. 2,762,206.
- Ashley, Carlyle M. 2,775,096.
- Ayling, Robert W. 2,747,386.
- Ayling, Robert W. 2,752,176.
- Ayling, Robert W. 2,753,198.
- Baker, Donald L. 2,775,001.
- Berestneff, Alexis A. 2,775,097.
- Bourne, Joseph R. 2,755,635.
- Bourne, Joseph R. 2,760,350.
- Breck, Roger S. 2,739,450.
- Breck, Roger S. 2,739,451.
- Brown, Seymour W. 2,775,099.
- Carrier, Willis H. 2,759,662.
- Gerteis, Karl M. 2,755,987.
- Hanson, Lars. 2,762,204.
- Hanson, Lars. 2,775,101.
- Howe, Harlan L. 2,775,100.
- Leonard, Louis H., Jr. 2,773,575.
- Leonard, Louis H., Jr. 2,770,953.
- MacLeod, David E. 2,773,068.
- McGrath, William L. 2,768,514.
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- Schultz, Edward L., and Bailey. 2,765,629.
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- Swart, Richard H. 2,775,494.
- Swart, Richard H., and Ayling. 2,752,213.
- Carrier Engineering Co. Ltd.: See—
- Smith, James W. 2,763,232.
- Woolard, Henry J. 2,731,110.
- Carrier, Robert M., Jr., to Carrier Conveyor Corp. Spiral conveyors. 2,760,503, 8-28-56, Cl. 134—132.
- Carrier, Robert M., Jr., to Carrier Conveyor Corp. Spiral conveyor. 2,771,983, 11-27-56, Cl. 198—220.
- Carrier, Robert M., Jr., and J. M. Morris, to Carrier Conveyor Corp. De-aerating conveyor. 2,767,826, 10-23-56, Cl. 198—220.
- Carrier-Stephens Co.: See—
- Wallace, James R. 2,766,999.
- Wallace, James R. 2,766,900.
- Carrier, Willis H., to Carrier Corp. Centrifugal compressors. 2,759,662, 8-21-56, Cl. 230—130.



- Carrigan, Tracy, to Food Machinery and Chemical Corp. Method of and apparatus for measuring alignment characteristics of front and rear wheels. 2,765,701, 10-9-56, Cl. 88-14.
- Carrington, Herbert C., and E. H. P. Young, to Imperial Chemical Industries Ltd. Bis-quinolinium compounds. 2,760,943, 8-28-56, Cl. 260-286.
- Carroard, Yale. Tethered ball game apparatus. 2,747,873, 5-29-56, Cl. 273-95.
- Carroll, Burt H.: *See—*
- Lutz, Henry C., and Carroll. 2,747,999.
- Carroll, Burt H., to Eastman Kodak Co. Pentazaindene stabilizers for photographic emulsions sensitized with alkylene oxide polymers. 2,743,180, 4-24-56, Cl. 95-7.
- Carroll, Burt H., to Eastman Kodak Co. Mercury stabilizers for photographic emulsions sensitized with polyalkylacrylates, amides and ethers. 2,751,299, 6-19-56, Cl. 95-7.
- Carroll Chain Co., The: *See—*
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- Carroll, Ellsworth W., to S & W Fine Foods, Inc. Fruit position inspector and segregator. 2,731,129, 1-17-56, Cl. 198-33.
- Carroll, Ellsworth W., to S & W Fine Foods, Inc. Fruit pitting devices. 2,742,066, 4-17-56, Cl. 146-28.
- Carroll, Ellsworth W., to S & W Fine Foods, Inc. Fruit orientation device. 2,742,186, 4-17-56, Cl. 198-33.
- Carroll, Ellsworth W., to S & W Fine Foods, Inc. Fruit sorting device. 2,742,187, 4-17-56, Cl. 198-33.
- Carroll, Ellsworth W., to S & W Fine Foods, Inc. Fruit halving devices. 2,772,711, 12-4-56, Cl. 146-73.
- Carroll, Frank E., Jr., to United Aircraft Products, Inc. Oil tank or like valve. 2,745,424, 5-15-56, Cl. 137-89.
- Carroll, Frank E., Jr., and P. R. Hughes, to United Aircraft Products, Inc. Oil tank. 2,765,893, 10-9-56, Cl. 133-23.
- Carroll, Fred M.: *See—*
- Hibbard, Oscar L., and Carroll. 2,765,602.
- Carroll, Fred M., to International Business Machines Corp. Web cutting and feeding device for printing machines. 2,777,079, 1-17-56, Cl. 161-227.
- Carroll, Fred M., and A. F. Smith, to International Business Machines Corp. Character printing devices. 2,753,792, 7-10-56, Cl. 101-93.
- Carroll, Frederick C.: *See—*
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- Carroll, Glenn H. Multiple locking mechanism control. 2,765,647, 10-9-56, Cl. 70-264.
- Carroll, Harmon W. Hair curler. 2,739,601, 8-27-56, Cl. 132-38.
- Carroll, James L. Spear gun. 2,760,480, 8-28-56, Cl. 242-9.
- Carroll, James L. Coil winding machine. 2,772,837, 12-4-56, Cl. 242-9.
- Carroll, Thomas G.: *See—*
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- Carroll, Wallace E., and J. M. Bowles; said Bowles assor. to 93-1. Punching machine. 2,771,099, 11-20-56, Cl. 93-1.
- Carroll, William R., to American Telephone and Telegraph Co. Automatic transmission measuring circuit for successively testing the idle trunks in a group of trunks. 2,761,922, 9-4-56, Cl. 179-175.3.
- Carron Industries, Inc.: *See—*
- Peterson, Warren J. 2,771,940.
- Smith, Lee. 2,749,197.
- Smith, Lee. 2,766,090.
- Carruth, Herman A.: *See—*
- Williamson, Marshall L., and Carruth. 2,743,009.
- Carruthers, Eben H. Method of harvesting and separating pod type vegetables. 2,763,114, 9-18-56, Cl. 56-1.
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- Carsley, Harold G., J. P. Schuren, and W. H. Wickson, to United States Steel Corp. Latch operating mechanism. 2,743,126, 4-24-56, Cl. 292-39.
- Carson, Benjamin R., to Radio Corp. of America. Record change cycle control system for automatic record changers. 2,732,219, 1-24-56, Cl. 274-1.
- Carson, Clarence M.: *See—*
- Snyder, James E., and Carson. 2,743,761.
- Carson, Clarence M., to The Goodyear Tire & Rubber Co. Film for packaging meats. 2,772,172, 11-27-56, Cl. 99-174.
- Carson, Clifford C. Flash steam eliminator. 2,742,234, 4-24-56, Cl. 237-87.
- Carstens, Earl. Fork attachment for tractors. 2,731,161, 1-17-56, Cl. 214-140.
- Carson, Earl W. Matchbook holder. 2,775,343, 12-25-56, Cl. 206-31.
- Carson, Frank J.: *See—*
- Jondrisak, Joseph E., and Carson. 2,766,555.
- Carson, Frank L.: *See—*
- Clark, Lester L. 2,756,743.
- Carson, George E. Rake attachment for power mowers. 2,751,741, 6-26-56, Cl. 56-27.
- Carson, George J., and E. B. Hallberg. Magnetic chuck face plate. 2,771,571, 11-20-56, Cl. 317-162.
- Carson, Kenneth. Safety clip for earrings. 2,764,797, 10-2-56, Cl. 24-260.
- Carson, Nathan. Portable dressing room. 2,70,244, 11-13-56, Cl. 135-8.
- Carson, Paul A., to General Electric Co. Lamp testing device. 2,746,011, 5-15-56, Cl. 324-22.
- Carson, Robert H., Sr., and E. O. McCartney. Filling machine. 2,763,417, 9-18-56, Cl. 226-95.
- Carstensen, Louis. Folding data case. 2,732,874, 1-31-56, Cl. 150-39.
- Cart, Pierre. Devices for delaying the switching of an energy consuming apparatus. 2,742,546, 4-17-56, Cl. 200-136.3.
- Cart, Theodore S., to Atlantic Products Corp. Luggage bags. 2,745,582, 5-22-56, Cl. 190-58.
- Carter, Allan J., R. C. Hansen, and C. M. Heinen, to the United States of America as represented by the United States Atomic Energy Commission. Protective coating composition comprising a polymer of chloroprene and an alkaline earth metal fluoride. 2,734,042, 2-7-56, Cl. 260-30.6.
- Carter, Andrew L. Apparatus for boxing-in impressions. 2,773,508, 2-7-56, Cl. 32-17.
- Carter, Arthur D. Ring traveler. 2,748,559, 6-5-56, Cl. 57-119.
- Carter, Arthur F.: *See—*
- Richards, Richard A., Parker, and Carter. 2,737,387.
- Carter, Arthur M., Jr.: *See—*
- Wolin, Louis, and Carter. 2,771,243.
- Carter Carburetor Corp.: *See—*
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- Coffey, Irven E. 2,734,009.
- Coffey, Irven E. 2,748,425.
- Goodridge, Laurence M. 2,733,695.
- Goodridge, Laurence M. 2,745,561.
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- Johnson, Eldon A. 2,733,618.
- Kommer, Fred, and Zula. 2,747,051.
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- Smith, Russell F. 2,733,619.
- Carter, Cecil F. Wheel-barrow with pivoted supporting legs. 2,744,763, 5-8-56, Cl. 280-47.33.
- Carter, Charles E., and B. H. Gwynn, to Gulf Research & Development Co. Process for producing alcohols. 2,759,025, 8-14-56, Cl. 260-638.
- Carter, Charles J., to General Electric Co. Thermocouple. 2,757,220, 7-31-56, Cl. 136-4.
- Carter, Clarence F. Filling machine. 2,756,906, 7-31-56, Cl. 141-65.
- Carter, Clarence F. Bag filling machine. 2,765,816, 10-9-56, Cl. 141-65.
- Carter, Eugene C. Match book. 2,771,183, 11-20-56, Cl. 206-34.
- Carter, Florence L. Individual cream carton. 2,740,573, 4-15-56, Cl. 229-7.
- Carter, George E. Mobile toilet. 2,772,420, 12-4-56, Cl. 4-11.
- Carter, Giles F., to E. I. du Pont de Nemours and Co. Preventing the formation of carbon sludge in fused baths. 2,734,038, 2-7-56, Cl. 252-156.
- Carter, Herbert B.: *See—*
- Gottlieb, David, and Carter. 2,746,902.
- Carter, Herbert E. Pitless well adapter and coupling apparatus. 2,771,955, 11-27-56, Cl. 166-85.
- Carter Insecticide & Chemical Co., Inc.: *See—*
- Blanchard, James K., and Wood. 2,750,080.
- Blanchard, James K., and Wood. 2,757,823.
- Carter, J. C., Co., The: *See—*
- Carter, James C. 2,738,095.
- Carter, James C. 2,766,698.
- Carter, James C., to J. C. Carter Co. Pressure closure. 2,738,095, 11-27-56, Cl. 222-386.
- Carter, James C., to The J. C. Carter Co. Pump. 2,766,698, 10-16-56, Cl. 103-103.
- Carter, James M., to the United States of America as represented by the United States Atomic Energy Commission. Cyclic processes of producing UCl<sub>4</sub>. 2,737,439, 3-6-56, Cl. 23-14.5.
- Carter, James M., and M. D. Kamen, to the United States of America as represented by the United States Atomic Energy Commission. Isotope enrichment process. 2,758,006, 8-7-56, Cl. 23-14.5.
- Carter, James T., to United Shoe Machinery Corp. Shoe sewing machines. 2,763,224, 9-18-56, Cl. 112-45.
- Carter, John F., to Aro Equipment Corp. Lubricant pump structure. 2,767,890, 10-23-56, Cl. 222-386.
- Carter, John N., and D. N. Rosenblatt, to The Eimco Corp. Alloy steel. 2,751,291, 5-19-56, Cl. 75-128.
- Carter, John W., to Surface Combustion Corp. Vacuum seal for fan shaft of heat treating furnace. 2,749,111, 6-5-56, Cl. 268-5.
- Carter, Leslie F., to Sperry Rand Corp. Gyroscopic compass instrument. 2,735,191, 2-21-56, Cl. 33-226.
- Carter, Leslie F., to Sperry Rand Corp. Damping error eliminator for gyro compasses. 2,739,390, 9-27-56, Cl. 33-226.
- Carter, Melville J. Photo-flash unit. 2,740,339, 4-3-56, Cl. 95-11.5.
- Carter, Nolan A.: *See—*
- Yeandle, William W., Carter, and Purnell. 2,70,008.
- Carter, Norman C., and J. S. Cromeans, to Phillips Petroleum Co. Molybdenum oxide-silica-alumina isomerization by purification of hydrogen feed. 2,747,004, 5-22-56, Cl. 260-683.5.
- Carter, Norman C., and J. S. Cromeans, to Phillips Petroleum Co. Production of aromatics from olefins and carbon dioxide. 2,775,631, 12-25-56, Cl. 200-673.
- Carter, Norman D.: *See—*
- Hess, Howard V., and Carter. 2,735,876.
- Carter Parts Co.: *See—*
- Protz, Edward H. 2,736,875.
- Tydzak, Harold. 2,746,023.
- Carter, Philip L., to Sun Oil Co. Process for coating metal with furfural resin. 2,755,204, 7-17-56, Cl. 117-66.

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 Carter, Ralph H., to North American Rayon Corp. Yarn stretching device. 2,735,160, 2-21-56, Cl. 28—71.4.  
 Carter, Ralph H., to North American Rayon Corp. Mixing apparatus. 2,737,372, 3-6-56, Cl. 259—24.  
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 Carter, Reginald E. Holders for safety razor blades. 2,741,028, 4-10-56, Cl. 30—329.  
 Carter, Richard H., to The De Vilbiss Co. Hot spray painting system. 2,762,652, 9-11-56, Cl. 299—86.  
 Carter, Richard P., to Hercules Powder Co. Removal of AlCl<sub>3</sub> catalyst from Friedel-Crafts reaction masses. 2,734,892, 2-14-56, Cl. 260—93.3.  
 Carter, Robert J., to The Rittling Corp. Casing and mounting assembly for convactor heaters. 2,733,049, 1-31-56, Cl. 257—53.  
 Carter, Sam F., Jr., C. K. Donoho, and R. A. Dyke, Jr., to American Cast Iron Pipe Co. Treatment of cast iron. 2,765,225, 10-2-56, Cl. 75—27.  
 Carter, Sidney T., to Geo. J. Meyer Mfg. Co. Label dating mechanism or labeling machines. 2,731,913, 1-24-56, Cl. 101—305.  
 Carter, Sidney T., to Geo. J. Meyer Mfg. Co. Machine for labeling cylindrical articles. 2,741,389, 4-10-56, Cl. 216—54.  
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 Carter, Uriel N., to Cutter-Hammer, Inc. Circuit controlling device. 2,751,459, 6-19-56, Cl. 200—83.  
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 Carter, Willard K. Abrading article. 2,773,338, 12-11-56, Cl. 51—204.  
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 Carter, William R., to Superior Separator Co. Centrifugal separators for particle-laden gaseous media. 2,747,687, 5-29-56, Cl. 183—77.  
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 Cartledge, William J., to E. du Pont de Nemours and Co. Spray mixer. 2,730,433, 1-10-56, Cl. 23—285.  
 Cartledge, Frank, to Goodman Mfg. Co. Coal mining machine with rotary cutting and dislodging drum. 2,730,344, 1-10-56, Cl. 262—9.  
 Cartledge, Frank, to Goodman Mfg. Co. Retractable boring assembly. 2,736,542, 2-28-56, Cl. 262—7.  
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 Cartledge, Frank, to Goodman Mfg. Co. Boring type continuous mining machine. 2,750,175, 6-12-56, Cl. 262—7.  
 Cartledge, Frank, to Goodman Mfg. Co. Collapsible boring head for mining machines. 2,750,176, 6-12-56, Cl. 262—7.  
 Cartledge, Frank, to Goodman Mfg. Co. Mining machine having vertically swivable cutter head and reciprocal gathering mechanism. 2,750,179, 6-12-56, Cl. 262—26.  
 Cartledge, Frank, to Goodman Mfg. Co. Burster cone for continuous miner boring head. 2,754,100, 7-10-56, Cl. 262—9.  
 Cartledge, Frank, to Goodman Mfg. Co. Mining machine with adjustable boring head having thrust transmitting means. 2,757,917, 8-7-56, Cl. 262—7.  
 Cartledge, Frank, to Goodman Mfg. Co. Rotary boring head assembly having radial arms and forwardly projecting cutter supports. 2,755,156, 10-2-56, Cl. 262—7.  
 Cartledge, Frank, and F. A. Lindgren, to Goodman Mfg. Co. Mining machine. 2,734,731, 2-14-56, Cl. 262—7.  
 Cartledge, Frank, and H. E. Smith, to Goodman Mfg. Co. Collapsible boring head with collapsible plow. 2,743,094, 4-10-56, Cl. 262—9.  
 Cartmell, Edgar B., to United States Rubber Co. Floatable slip-resistant shoe. 2,757,461, 8-7-56, Cl. 36—2.5.  
 Carton, Jean. Processes and appliances for measuring and setting instrument. 2,739,803, 3-27-56, Cl. 265—7.  
 Cartter, William G. Overhead fuel burning heaters. 2,759,472, 8-21-56, Cl. 126—91.  
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 Cartwright, Eugene M., to Chase Brass & Copper Co., Inc. Method of forming tubular fittings and the like. 2,767,765, 10-23-56, Cl. 153—48.  
 Cartwright, Horace A., to Cartwright Industries, Inc. Starting device for spray bar applying bituminous materials to highways. 2,760,818, 8-28-56, Cl. 299—34.

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Cartwright, Horace A. 2,760,818.  
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 Cartwright, William J., to Continental Can Co., Inc. Single lap spot welder. 2,753,366, 7-17-56, Cl. 219—6.  
 Carty, Edward. Necktie holder. 2,738,513, 3-20-56, Cl. 2—145.  
 Caruolo, Rocco. Bumper carrier. 2,746,659, 5-22-56, Cl. 224—42.07.  
 Caruthers, Edward G., and R. Lowry. Hatch cover. 2,773,469, 12-11-56, Cl. 114—201.  
 Caruthers, Robert S., to Bell Telephone Laboratories, Inc. Miniaturized transistor amplifier circuit. 2,730,576, 1-10-56, Cl. 179—171.  
 Carvalho, Manuel. Sponge brush. 2,742,661, 4-24-56, Cl. 155—24.  
 Carvel, Thomas. One-piece barrel end and dispenser tip. 2,731,925, 1-24-56, Cl. 107—14.  
 Carvell, Martha L. Chignon foundation. 2,765,798, 10-9-56, Cl. 132—55.  
 Carver, Harold E., and G. R. Lake, to Union Oil Co. of California. Separation of hydrocarbons. 2,773,006, 12-4-56, Cl. 196—14.25.  
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 Carver, John A., and W. F. Rollman, to Esso Research and Development Co. Method and apparatus for mixing and contacting fluids. 2,751,335, 6-19-56, Cl. 196—147.  
 Carver, John A., to Esso Research and Engineering Co. Liquid-liquid extraction tray. 2,775,542, 12-25-56, Cl. 196—14.52.  
 Carver, Lawrence M., to C. G. S. Laboratories, Inc. Improved electronic trigger circuit. 2,744,957, 5-8-56, Cl. 178—70.  
 Carver, Leo B. Knock-down wheelbarrow. 2,742,300, 4-17-56, Cl. 280—47.31.  
 Carver, Richard N., to Louis Marx & Co. Toy emergency vehicle with housing. 2,731,765, 1-24-56, Cl. 46—12.  
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 Cary, John E., R. E. Shafer, and V. Cary. Apparatus for the liquid treatment of fibers. 2,739,470, 3-27-56, Cl. 68—205.  
 Cary, John E., R. E. Shafer, and V. Cary. Fibre decortiating machine. 2,745,142, 5-15-56, Cl. 19—24.  
 Cary, Rex H. J., to National Research Development Corp. Folded slot antennae. 2,751,559, 6-19-56, Cl. 343—767.  
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 Casacci, Severin X., to Etablissements Neypic. Combined driving connection and servomotor unit, particularly for use in hydroelectric turbine-generator installations. 2,756,018, 7-24-56, Cl. 253—22.  
 Casady, Philip M., to Medical Equipment Laboratories. Apparatus for cleaning hollow tubular elements. 2,754,835, 7-17-56, Cl. 134—112.  
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## Case Mfg. Corp.: See—

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 Case, Robert L., H. G. Jordan, and M. R. Kleist, to Bell Telephone Laboratories, Inc. Order wire and alarm circuits for carrier systems. 2,730,579, 1-10-56, Cl. 179-175.3.  
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 Casey, James H., to Minnesota Mining & Mfg. Co. Flying tape splice for pressure-sensitive adhesive tape. 2,752,984, 7-3-56, Cl. 154-42.

## Casey, Joseph P., Jr.: See—

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## Case, Robert T.: See—

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## Cash, A. W. Valve Mfg. Corp.: See—

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 Cash, Jacob S., to Bristol Laboratories Inc. Defoaming process. 2,759,871, 8-21-56, Cl. 195-36.

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## Cashmore, Joseph A.: See—

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Casler, Adrien F., and J. H. Carlstrom, to General Electric Co. Glass blowing machine. 2,729,916, 1-10-56, Cl. 49-19.

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Casler, Adrien F., C. D. Spicer, and R. H. Canfield, to General Electric Co. Tube or rod gauging apparatus. 2,765,076, 10-2-56, Cl. 209-88.

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 Caspr, Louis. Smokers' article. 2,737,956, 3-13-56, Cl. 131-235.

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Cass, Charles E. Two stroke cycle internal combustion engine with pump compression. 2,769,435, 11-6-56, Cl. 123-68.

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Cassutt, Russell J., to Collins Radio Co. Power amplifier tuning and loading device. 2,738,471, 3-13-56, Cl. 336-30.

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- Castner, George P., to Speed-Flex, Inc. Method of washing clothes. 2,757,065, 7-31-56, Cl. 8—159.
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- Johnson, Lloyd E. 2,764,966.
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- Klecker, Joseph G. 2,748,910.
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- Parks, John H. 2,767,700.
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- Robinson, Ronald R.: *See—*
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- Caulkins, Frank T. Method of making box wrenches. 2,774,259, 12-18-56, Cl. 76—114.
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- Cavalla, John F., to Parke, Davis & Co. Phthalimidopropionylaminoethyl disulfide and preparation. 2,744,118, 5-1-56, Cl. 260—326.
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- Carvitt, C. Oximilium, to Shell Development Co. Non-foaming detergents. 2,751,358, 6-19-56, Cl. 252—153.
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- Cayo, Julius N. Antenna mounting. 2,731,225, 1-17-56, Cl. 24—44.
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- Greulich, Gerald G. 2,739,677.
- Cedarholm, Oscar R. Vacuum control for injection carburetors. 2,762,615, 9-11-56, Cl. 261—69.
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- Gray, Norman A., and Cederbaum. 2,758,370.
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- Dolja, John, and Cederleaf. 2,766,742.
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- Cefaly, Ralph. Cutting stick and method of cutting paper using same. 2,771,947, 11-27-56, Cl. 164—17.
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- Fisher, James W., and Lincoln. 2,762,789.
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- Hieserman, Clarence E., and Edwards. 2,764,607.
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- Horlenko, Theodore, Marcotte, and Luke. 2,770,661.
- Jones, Wilford D. 2,732,858.
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- Legard, Robert H., Jr., and Meadows. 2,735,257.
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## Chamberlain, Henry T.: See—

Barrett, Edward L. 2,740,955.

Chamberlain, John, to United Aircraft Corp. Ramjet fuel distribution device. 2,739,444, 3-27-56, Cl. 60-39.28.

Chamberlain, John J., to The United States Stoneware Co. Method and apparatus for shaping articles of plastic material. 2,734,245, 2-14-56, Cl. 25-21.

Chamberlain, Lawrence E., to Westinghouse Electric Corp. Panel and box construction. 2,757,818, 8-7-56, Cl. 220-3.5.

## Chamberlain, Owen: See—

Wiegand, Clyde E., and Chamberlain. 2,736,801.

## Chamberlain, Paul R.: See—

Yerkes, Waldo S., Chamberlain, Bell, and Weatherwax. 2,742,184.

Chamberlain, Richard K., and F. D. Olivo, to The Goodyear Tire & Rubber Co. Brake housing mounting for single disc brake. 2,756,844, 7-31-56, Cl. 188-72.

Chamberlain, Royal E. Roof framer. 2,735,184, 2-21-56, Cl. 33-91.

## Chamberlain, Blair H.: See—

Brodsky, Harry N., and Chamberlain. 2,740,872.

Brodsky, Harry N., and Chamberlain. 2,747,036.

Chamberlain, Coleman R. Filing divider. 2,757,674, 8-7-56, Cl. 129-26.

## Chamberlain Co. of America: See—

Baker, Raymond G., and Willett. 2,744,297.

Cook, John T., and Willett. 2,739,471.

Chamberlain, Joseph F., and R. A. Westphal; said Westphal assor. to said Chamberlain. Collapsible cart for golf bags. 2,740,638, 4-3-56, Cl. 280-42.

Chamberlain, Joseph F., and R. A. Westphal; said Westphal assor. to said Chamberlain. Cart for golf bags. 2,741,490, 4-10-56, Cl. 280-47.26.

Chamberlain, Ralph L., and C. W. J. Hedberg, to Research Corp. Electrostati gas cleaning method. 2,756,842, 7-31-56, Cl. 183-122.

Chamberlain, Reginald H. D., and M. J. French, to D. Napier & Son Ltd. Epicyclic transmission gearing having a floating sun pinion mounting. 2,759,376, 8-21-56, Cl. 74-801.

Chamberlain, William H. Illuminating apparatus. 2,772,349, 11-27-56, Cl. 240-10.65.

Chambers, Albert M., Jr., and R. Schwing, to The Garlock Packing Co. Diaphragm type mechanical seal. 2,729,475, 1-3-56, Cl. 286-11.

Chambers, Albert M., Jr., and J. J. Patrick, to The Garlock Packing Co. Packing construction. 2,729,478, 1-3-56, Cl. 286-26.

Chambers, Albert M., Jr., G. F. Closs, E. W. Fisher, and G. R. Milligan, to The Garlock Packing Co. Split oil seal. 2,729,481, 1-3-56, Cl. 288-13.

Chambers, Albert M., Jr., and E. W. Fisher, to The Garlock Packing Co. Sealing devices. 2,731,284, 1-17-56, Cl. 288-11.

Chambers, Bryce, to Boeing Airplane Co. Method of annealing with a silicon oxidation scale prohibitor. 2,742,382, 4-17-56, Cl. 148-13.1.

## Chambers Corp.: See—

Chambers, John E., and Phares. 2,755,791.

Chambers, John E., Phares, and Young. 2,763,259.

Gottfried, Paul. 2,764,974.

Chambers, Herbert L. Windshield wiper blade for curved glass. 2,751,619, 6-26-56, Cl. 15-245.

Chambers, Herbert L. Windshield wiper arm driving means. 2,773,712, 12-11-56, Cl. 287-53.

Chambers, John E., and T. E. Phares, to Chambers Corp. Gas stove. 2,755,791, 7-24-56, Cl. 126-21.

Chambers, John E., T. E. Phares, and S. M. Young, to Chambers Corp. Base for stove. 2,763,259, 9-18-56, Cl. 126-39.

Chambers, John M., to Massey-Harris-Ferguson (Sales) Ltd. Stereable agricultural implement. 2,730,030, 1-10-56, Cl. 97-47.55.

Chambers, John M., and J. C. McNeice, to Massey-Harris-Ferguson (Sales) Ltd. Tank support structure for use on tractors or the like. 2,743,934, 5-1-56, Cl. 280-5.

Chambers, John M., and J. C. McNeice, to Massey-Harris-Ferguson (Sales) Ltd. Control mechanism for tractor hydraulic systems. 2,765,627, 10-9-56, Cl. 50-97.

Chambers, John M., and V. A. Statham, to Massey-Harris-Ferguson (Sales) Ltd. Adjusting mechanism for tractor mounted implements. 2,775,178, 12-25-56, Cl. 97-46.59.

Chambers, John M., and J. C. McNeice, to Massey-Harris-Ferguson (Sales) Ltd. Hitch mechanism for tractor-drawn implements. 2,775,179, 12-25-56, Cl. 97-47.14.

Chambers, Karl E., W. S. Russon, and F. E. Whiting, to Kroyn Unshrunkable Woods Ltd. Method and apparatus for treating textile goods, loose fibers and like materials. 2,742,773, 4-24-56, Cl. 68-44.

## Chambers, Robert O.: See—

Thorne, Ralph. 2,745,690.

Chambers, Roy L. Fishing reel. 2,774,545, 12-18-56, Cl. 242-84.4.

Chambers, Thomas S., and R. T. Florence, to A. B. Dick Co. Stencil duplicating inks. 2,771,372, 11-20-56, Cl. 106-22.

Chambers, Thomas S., and R. T. Florence, to A. B. Dick Co. Stencil duplicating inks. 2,771,373, 11-20-56, Cl. 106-24.

Chambers, Thomas S., and R. T. Florence, to A. B. Dick Co. Stencil duplicating inks. 2,771,374, 11-20-56, Cl. 106-25.

## Chambersburg Engineering Co.: See—

Clarke, Eugene C., and Weyer. 2,729,943.

Clarke, Eugene C., and Weyer. 2,742,802.

Chambliss, Erysl F. Receptacle having scrubbing brushes for cleaning golf club heads. 2,744,276, 5-8-56, Cl. 15-123.

Chambliss, John A. Heat detector. 2,765,762, 10-9-56, Cl. 116-103.

Chambette, Jean L., to Societe d'Etudes de Machines Speciales. Apparatus for automatically drying and packing a lump product continuously. 2,757,497, 8-7-56, Cl. 53-159.

## Chambon Ltd.: See—

Groak, Josef. 2,753,794.

Chambon, Louis J., to Societe des Machines Speciales. Method and apparatus for embossing. 2,757,372, 7-31-56, Cl. 101-32.

Champagne, Emory C., to The Berger Brothers Co. Controlling garment. 2,733,445, 2-7-56, Cl. 2-42.

Champagne, Emory C., to The Berger Bros. Co. Strapless brassiere. 2,760,199, 8-28-56, Cl. 2-42.

Champagne, Emory C., to The Berger Brothers Co. Girdle or like garment. 2,772,417, 12-4-56, Cl. 2-37.

Champayne, Roy J. Orbital action rubbing machine. 2,751,725, 6-26-56, Cl. 51-170.

## Champion De Arment Tool Co.: See—

Patrick, Frank. 2,766,647.

## Champion Dish Washing Machine Co.: See—

Comber, William R. 2,769,473.

## Champion Implement Corp.: See—

Goda, George. 2,772,119.

## Champion, James E.: See—

Powell, Robert J., and Champion. 2,759,468.

## Champion Machine Co., Inc.: See—

Valdes, Fernando. 2,757,695.

## Champion Motors Co.: See—

Kloss, Dale D. 2,738,186.

Kloss, Dale D. 2,740,602.

Kloss, Dale D. 2,756,855.

## Champion Paper and Fibre Co., The: See—

Stoddard, William B., Jr. 2,742,930.

Warner, Edgar. 2,729,192.

## Champion Safe Tap Co.: See—

Frankfurt, Sando. 2,762,887.

## Champion Spark Plug Co.: See—

Ruppel, Oscar W. 2,737,886.

Schurecht, Harry G. 2,749,246.

## Champlin Co., Inc.: See—

Auerbacher, George N., and Haskin. 2,745,464.

Caulfield, Joseph R. 2,773,585.

## Champlin, Charles L.: See—

Hickin, Robert J., and Champlin. 2,742,182.

Champlin, Charles L., and G. H. Steele, to The Ohio Box-board Co. Carrier cartons. 2,746,638, 5-22-56, Cl. 220-105.



- Champlin, Philip T., Jr. Bottle cap lifter. 2,739,498, 8-27-56, Cl. 81-3-46.
- Chance A. B. Co.: See—  
Altherr, Walter M. 2,758,224.  
Hollander, William L. 2,741,927.  
Hollander, William L. 2,745,919.  
Hollander, William L. 2,735,407.  
Hubbard, David C. 2,738,486.  
Vordtriede, Oliver A. 2,771,591.
- Chance, Britton, to the United States of America as represented by the Secretary of the Navy. Delay circuit. 2,731,571, 1-17-56, Cl. 307-88.5.
- Chance, Britton, to the United States of America as represented by the Secretary of the Navy. Iconoscope radar-ranging system. 2,755,482, 7-17-56, Cl. 343-7.
- Chance, Britton, and I. A. Greenwood, Jr., to the United States of America as represented by the Secretary of War. Ground track indicator. 2,755,464, 7-17-56, Cl. 343-16.
- Chance, Carol H.: See—  
Johnson, Frederick W., and Chance. 2,763,086.
- Chance, Leon H., J. Warren, and J. D. Guthrie, to the United States of America as represented by the Secretary of Agriculture. Fibrous 2-phosphatoethyl ethers of cellulose and process of making the same. 2,743,232, 4-24-56, Cl. 8-120.
- Chance Vought Aircraft, Inc.: See—  
Beebe, Edward E., Oates, and Phane. 2,736,356.  
Dolan, Thomas E., and Murray. 2,736,515.  
Eagon, Norton D. 2,731,938.  
Eckert, Francis M., MacDonnell, and Villars. 2,769,883.  
Ringham, Rodger F. 2,730,313.
- Chanda, Robert F., and R. F. Gamundi, to Eaton Mfg. Co. Shaftless type butterfly valve. 2,742,051, 4-17-56, Cl. 137-815.
- Chandler, Albert E. Artificial fishing bait. 2,729,013, 1-3-56, Cl. 43-35.
- Chandler, Austin S., to International Paper Box Machine Co. Covering machine. 2,734,324, 2-14-56, Cl. 53-147.
- Chandler, Charles H., to Radio Corp. of America. Flutter measurement. 2,762,013, 9-4-56, Cl. 324-70.
- Chandler, Edward F., 33 1/2% to Peter Fries, Jr. Fluid cooling and carbonating devices. 2,763,994, 9-25-56, Cl. 62-7.
- Chandler, Ernest: See—  
Terrell, St. John, and Chandler. 2,743,734.
- Chandler, Henry T., to Vanadium Corp. of America. Alloy for deoxidizing steel. 2,767,084, 10-16-56, Cl. 75-134.
- Chandler, Jasper S.: See—  
Sandvik, Otto, and Chandler. 2,735,677.
- Chandler, Martin W. Double action end gate. 2,742,317, 4-17-56, Cl. 496-56.
- Chandler, Maurice D. Releasable door fastener. 2,733,427, 1-31-56, Cl. 340-275.
- Chandler, Milton E., to Pratt & Whitney Co., Inc. Fuel injection apparatus. 2,737,168, 3-6-56, Cl. 123-140.
- Chandler, Murray, and R. L. Lichtenstein. Tie-down. 2,742,865, 4-24-56, Cl. 105-369.
- Chandler & Price Co., The: See—  
Rupp, William C. 2,745,489.
- Chandler Products Corp.: See—  
Ward, William E. 2,768,394.
- Chandler, Ray C. Rice processing. 2,752,247, 6-26-56, Cl. 99-80.
- Chandler, Robert M. Mustard dispensers. 2,751,126, 6-19-56, Cl. 222-386.
- Chandler, Roy L. Plow tail wheel. 2,773,439, 12-11-56, Cl. 97-26.
- Chandler, William B.: See—  
Meadows, James L., Ballard, and Chandler. 2,731,392.
- Chaney, Allen L.: See—  
McCracken, Edward A., and Chaney. 2,730,515.
- Chaney, David W., and B. L. Schaefer, to The Chemstrand Corp. Method of producing shaped articles from polymeric materials. 2,743,994, 5-1-56, Cl. 18-54.
- Chaney, Louis C. Hand chain for hoists. 2,732,178, 1-24-56, Cl. 254-169.
- Chang, Hson M., to Iowa State College Research Foundation, Inc. Separation of metal compounds by the chromatographic adsorption. 2,760,993, 8-25-56, Cl. 260-831.
- Chang, Sheldon S. L., to Robbins & Myers, Inc. Cone type compressor. 2,733,854, 2-7-56, Cl. 230-148.
- Chang, Sheldon S. L., to Robbins & Myers, Inc. Split pole motor. 2,761,082, 8-28-56, Cl. 310-187.
- Chang, Sheldon S. L., to Robbins & Myers, Inc. Cone type compressor. 2,765,114, 10-2-56, Cl. 230-148.
- Changewood Corp.: See—  
Clark, James D. 2,773,789.  
Clark, James D. 2,773,790.  
Clark, James D., and Lambert. 2,749,576.  
Lambert, Robert D. 2,770,844.
- Chaniot, George E., to A. W. Cash Valve Mfg. Corp. Automatic pressure and temperature relief valve. 2,740,586, 4-3-56, Cl. 236-92.
- Chanko, Mortimer L. Spectacle suspender clamp. 2,766,500, 10-24-56, Cl. 24-73.
- Chanlund, Carl W., to Cen-Vi-Ro Pipe Corp. Mold. 2,735,153, 2-21-56, Cl. 25-127.
- Channell, Charles A., to J. H. Trindl. Mop and refill therefor. 2,761,161, 9-4-56, Cl. 15-119.
- Channell, James W. Method and means for lashing cable. 2,767,742, 10-23-56, Cl. 140-93.
- Chantier, Samuel W., to Elastic Stop Nut Corp. of America. Manufacture of hollow spring pins. 2,766,516, 10-16-56, Cl. 29-413.
- Chapel, Clifford C.: See—  
Kissner, Lawrence M., Chapel, and J. E. and F. C. Leitch. 2,767,511.
- Chapel, John, and J. H. McLaughley. Electric soldering tool. 2,765,390, 10-2-56, Cl. 219-27.
- Chapin, Earl C.: See—  
Briskin, Joseph, and Chapin. 2,772,252.  
Longley, Raymond L., Jr., Chapin, and Smith. 2,740,771.
- Chapin, Earl G., to Monsanto Chemical Co. Terpolymers. 2,772,253, 11-27-56, Cl. 260-80.5.
- Chapin, Edward S., and J. R. Markgren; said Markgren assor. to W. C. Durfee Co., Inc. Fixing composition. 2,740,688, 4-3-56, Cl. 3-75.
- Chapin, Herbert E., to Chadbourn Gotham, Inc. Hosiery display device. 2,753,053, 7-3-56, Cl. 211-45.
- Chaplin, George F., to White Cap Co. Closure cap. 2,748,970, 6-5-56, Cl. 215-40.
- Chaplin, Herbert E., to The Fairey Aviation Co. Ltd. Sectional fuselage for aircraft. 2,736,523, 2-28-56, Cl. 244-140.
- Chapman, Albert B., R. P. McDonough, and W. H. Jackson, to General Motors Corp. Combination heater and muffler. 2,759,708, 8-21-56, Cl. 257-16.
- Chapman, Clyde A. Stabilizing device for vehicle steering arm coupling. 2,766,051, 10-8-56, Cl. 280-95.
- Chapman, David S., and G. Reimann, to The Brunswick-Balke-Collender Co. Stacking chair. 2,747,654, 5-29-56, Cl. 155-194.
- Chapman, Edward B., to International Business Machines Corp. Method for cleaning electrodes. 2,746,831, 5-22-56, Cl. 316-20.
- Chapman, Edward C., and J. A. Bryan, Jr., to Combustion Engineering, Inc. Induction fusion welding of metal members. 2,767,290, 10-16-56, Cl. 219-9.5.
- Chapman, Edward L.: See—  
Statta, Edwin V., Sr. 2,732,557.
- Chapman, Edwin V., Sr. 2,755,206.
- Chapman, Eugene H. Circuit controlling means for motor vehicles. 2,762,934, 9-11-56, Cl. 307-10.
- Chapman, Everett. Apparatus for producing stress images. 2,730,007, 1-10-56, Cl. 88-14.
- Chapman, Fred H., to International Paper Box Machine Co. Web combined box setting up machine and method. 2,753,770, 7-10-56, Cl. 93-53.
- Chapman, Harry Y.: See—  
Chapman, John F., and H. Y. 2,739,411.
- Chapman, James, and W. A. Wynne, to Imperial Chemical Industries Ltd. Production of dodecanoyl peroxide. 2,741,492, 10-20-56, Cl. 260-610.
- Chapman, James E.: See—  
Breaux, Darlton K., Chapman, and Drexel. Re. 24,179.
- Chapman, James E., to The Garrett Corp. Ammunition feed booster. 2,757,576, 8-7-56, Cl. 89-33.
- Chapman, James M.: See—  
Reinhart, John J., and Chapman. 2,741,959.
- Chapman, John F., and H. Y. Insect ejector apparatus. 2,739,411, 3-27-56, Cl. 43-139.
- Chapman, John L., Jr., and W. R. Yeich, to Western Electric Co., Inc. Downfeed for machine tools. 2,774,195, 12-18-56, Cl. 5-92.
- Chapman, Joseph E. G., to British Insulated Callender's Cables Ltd. Electric coupling having molded end seal for conductor. 2,732,421, 1-24-56, Cl. 174-76.
- Chapman, Joseph E. G., to British Insulated Callender's Cables Ltd. Multiple-pin plug and socket couplings. 2,765,450, 7-17-56, Cl. 339-64.
- Chapman, Leslie G.: See—  
Bevis, William A., Chapman, and Nicolls. 2,773,563.
- Chapman, Linwood R. Device for cleaning grease fittings. 2,748,410, 6-5-56, Cl. 15-105.
- Chapman, Merlin S. Ice producing and crushing apparatus. 2,739,457, 8-27-56, Cl. 62-107.
- Chapman, Otto C., and A. W. Dean, to Virginia-Carolina Chemical Corp. Process of deoiling phosphate concentrate by means of finely divided solids. 2,766,883, 10-16-56, Cl. 209-166.
- Chapman, Ralph, to Western Pulp Products. Pulp molding machine. 2,741,165, 4-10-56, Cl. 92-57.
- Chapman, Ralph W. Apparatus for producing a soil packed flower mold. 2,757,841, 8-7-56, Cl. 226-58.
- Chapman, Richard F., to International Telephone and Telegraph Corp. Diversity reception system. 2,729,741, 1-3-56, Cl. 250-20.
- Chapman Valve Mfg. Co., The: See—  
Malcolm, Vincent T. 2,771,360.
- Chapman, Walter R., to Thompson Products, Inc. Electric differential transmission. 2,740,909, 4-3-56, Cl. 310-102.
- Chapman, Welch, Jr.: See—  
Tucker, Charles M., and Chapman. 2,763,635.
- Chapman, Wilbur F., and J. N. Cosby, to Allied Chemical & Dye Corp. Hydrocarbon oxidation. 2,734,067, 2-7-56, Cl. 260-451.
- Chapman, William P. Fluid flow meter. 2,755,664, 7-24-56, Cl. 73-209.
- Chappell, Story F. Measured dosage dispenser. 2,745,576, 5-15-56, Cl. 222-477.
- Chappen, Stephen P. Surface treating apparatus for upright wall surfaces. 2,744,494, 5-8-56, Cl. 118-305.
- Chappuis, George F., and E. Katan, to The Aerotherm Corp. Locking and releasing mechanism for tiltable backs for aircraft and similar seats. 2,745,471, 5-15-56, Cl. 155-160.

- Charasse, Auguste F. Variable output burner for liquid fuel with pressure pulverization. 2,762,655, 9-11-56, Cl. 299-118.
- Charat, Hanoh. Supports. 2,744,715, 5-8-56, Cl. 248-317.
- Charbonneau, Allan P., to Cutler-Hammer, Inc. Rheostats. 2,738,403, 3-13-56, Cl. 201-48.
- Charbonneau, Allan P., to Cutler-Hammer, Inc. Resistor units and method of making the same. 2,739,214, 3-20-56, Cl. 201-69.
- Charbonneau, Allan P., to Cutler-Hammer, Inc. Resistor units. 2,769,885, 11-6-56, Cl. 201-69.
- Charbonneau, Robert J. Bracket for cornice board of a Venetian blind assembly. 2,752,991, 7-3-56, Cl. 160-34.
- Charet, Murray: *See—*
- Cooper, Benjamin, and Charet. 2,761,928.
- Charf, James F., H. S. Hines, and E. E. Todd, Jr., to General Motors Corp. Method and apparatus for machining articles and manufacture. 2,745,225, 5-15-56, Cl. 51-165.
- Charles, Daniel, to Compagnie Generale de Telegraphie Sans Fil. High voltage electrostatic machines. 2,737,623, 3-6-56, Cl. 322-2.
- Charles, Daniel, to Compagnie Generale de Telegraphie Sans Fil. Transverse field travelling wave tube. 2,770,754, 11-13-56, Cl. 315-3.5.
- Charles, Daniel, to Compagnie Generale de Telegraphie Sans Fil. Electron discharge tube with crossed electric and magnetic fields. 2,774,913, 12-18-56, Cl. 315-39.3.
- Charles, Droy H. Paste wa applicator. 2,758,550, 3-20-56, Cl. 15-131.
- Charles, Frank R., and M. Wayman, to Canadian International Paper Co. Manufacture of cellulose. 2,775,528, 12-25-56, Cl. 106-163.
- Charles, Randolph E., to General Communication Co. Co-axial switches. 2,759,152, 8-14-56, Cl. 333-7.
- Charles, Randolph E., to General Communication Co. Radio frequency electric switch. 2,759,153, 8-14-56, Cl. 333-7.
- Charlesworth, Robert K.: *See—*
- Shreve, Randolph N., and Charlesworth. 2,744,116.
- Charles, Elphège M.: *See—*
- Starr, Charles E., Jr., and Charlet. 2,734,089.
- Char-Lynn Co.: *See—*
- Albers, Kenneth A. 2,773,486.
- Charnock, George H., Jr., to Craftsman Line-Up Table Corp. Match plate for line-up and register tables. 2,769,244, 3-6-56, Cl. 32-184.3.
- Charniat Corp.: *See—*
- Charniat, Edward B. 2,732,977.
- Charplat, Edward B., to The Charplat Corp. Portable carbonated beverage dispenser. 2,732,977, 1-31-56, Cl. 222-1.
- Charron, Wilfred: *See—*
- Sheppard, Donald. 2,774,514.
- Charshafian, Jack O., to Curtiss-Wright Corp. Combination rocket and ram-jet power plant. 2,735,263, 2-21-56, Cl. 60-35.6.
- Charles, Maurice J., and G. B. Hunt. Cross slide tool holder. 2,763,176, 9-18-56, Cl. 82-36.
- Charton, Paul W., and F. F. Crawford, to National Union Electric Corp. Two-dimensional scanner of the focussed rotary radial beam type. 2,742,590, 4-17-56, Cl. 315-21.
- Chart-Pak, Inc.: *See—*
- Gill, E. E., Marran, and Romano. 2,763,393.
- Charun, Peter. Fountain brush and squeegee. 2,746,071, 5-22-56, Cl. 15-123.
- Chasanov, Martin G., R. Kunin, M. Mattikow, and B. H. Thurman, 1/2 to B. Clayton, d. b. a. Refining, Unincorporated, and 1/2 to Rohm & Haas Co. Purification of glyceride oils by means of ion-exchange resins. 2,771,480, 11-20-56, Cl. 260-420.
- Chasar, Anthony R., to The Oster Mfg. Co. Self-tightening chuck. 2,744,757, 5-8-56, Cl. 279-114.
- Chase Aircraft Co., Inc.: *See—*
- Maxson, Donald D. 2,743,799.
- Chase Brass & Copper Co., Inc.: *See—*
- Cartwright, Eugene M. 2,767,765.
- Reher, Fred W. 2,737,386.
- Schmollinger, William F. 2,773,593.
- Chase, Carl T., M. J. Diskind, and M. D. Earle, to the United States of America, as represented by the Secretary of the Army. Method of bonding metals. 2,741,571, 4-10-56, Cl. 148-4.
- Chase, Corson W., to The Goss Printing Press Co. Printing cylinders. 2,732,798, 1-31-56, Cl. 101-378.
- Chase, Corson W., to The Goss Printing Press Co. Portable ink fountain. 2,754,753, 7-17-56, Cl. 101-350.
- Chase, Corson W., to The Goss Printing Press Co. Socket for ink cylinder. 2,774,299, 12-18-56, Cl. 101-348.
- Chase, Corson W., to The Goss Printing Press Co. Socket for ink roller. 2,773,301, 12-18-56, Cl. 101-348.
- Chase, Fay H., to Bell Telephone Laboratories, Inc. Transistor circuits. 2,751,545, 6-19-56, Cl. 321-18.
- Chase, Fay H., to Bell Telephone Laboratories, Inc. Current supply apparatus. 2,751,549, 6-19-56, Cl. 323-66.
- Chase, Fay H., to Bell Telephone Laboratories, Inc. Current supply apparatus. 2,751,550, 6-19-56, Cl. 323-66.
- Chase, Fletcher A., to American Home Products Corp. Process of making soluble coffee concentrate. 2,758,927, 8-14-56, Cl. 99-71.
- Chase, Fletcher A., and G. E. Laursen, to American Home Products Corp. Carbonation of coffee extract. 2,771,864, 11-20-56, Cl. 99-71.
- Chase, George C., to Monroe Calculating Machine Co. Registering mechanism. 2,749,042, 6-5-56, Cl. 235-136.
- Chase, John A.: *See—*
- Wolke, Roy K., Chase, and Pilas. 2,760,254.
- Chase, Leland H., and L. C. Spenard, to Holmes Electric Protective Co. Vibration detecting device. 2,741,675, 4-10-56, Cl. 200-61.49.
- Chase National Bank of the City of New York, The: *See—*
- Gilbert, Charles E. 2,734,177.
- Chase-Shawmut Co., The: *See—*
- Edsall, William. 2,770,757.
- Edsall, William S. 2,766,351.
- Hitchcock, Paul C. 2,737,552.
- Jacobs, Philip C., Jr. 2,734,110.
- Jacobs, Philip C., Jr., and Kozacka. 2,740,187.
- Kozacka, Frederick J. 2,734,111.
- Kozacka, Frederick J. 2,734,112.
- Kozacka, Frederick J., and Swain. 2,761,932.
- Kenneth W. 2,740,735.
- Chase, William S., and A. F. Polance. Watchcase tool. 2,742,804, 4-24-56, Cl. 81-6.
- Chasin, Joseph. Support device for physically handicapped. 2,773,542, 12-11-56, Cl. 155-1.
- Chasser, Ernest C.: *See—*
- Hill, Don R., and Chasser. 2,765,622.
- Châtel, Bertrand. Automatic meal table. 2,750,611, 6-19-56, Cl. 15-74.
- Chatham Controls Corp.: *See—*
- Perst, Dudley C. 2,773,962.
- Chatman, Lester L., and M. G. Stevens, said Stevens assignor to said Chatman. Apparatus for photoprinting. 2,737,099, 3-6-56, Cl. 95-73.
- Chatoian, Leonard: *See—*
- Bennett, Patrick J., and Chatoian. 2,731,179.
- Chatouneau Medicine Co., The: *See—*
- Burgison, Raymond M. 2,729,642.
- Chatten, John B., to Philco Corp. Color television system. 2,729,697, 1-3-56, Cl. 178-5.2.
- Chatten, John B., to Philco Corp. Luminance correction apparatus for color television systems. 2,773,116, 12-4-56, Cl. 178-5.2.
- Chatten, John D.: *See—*
- Crumppacker, Virgil R., Fenstermaker, and Chatten. 2,751,669.
- Chatterjee, Prafulla K., and A. H. Reeves, to International Standard Electric Corp. Multiplex electric communication system. 2,749,839, 4-3-56, Cl. 179-15.
- Chatterton, Earl L., and A. S. Hegeman, Jr., to Western Electric Co., Inc. Frequency measuring apparatus. 2,743,419, 4-24-56, Cl. 324-78.
- Chatterton, Edward, Jr., and J. T. Beardwood, III, to Philco Corp. Frequency converter. 2,773,979, 12-11-56, Cl. 250-20.
- Chattin, Robert C. Ground working tool with oblique deflecting shield. 2,753,872, 7-10-56, Cl. 97-40.
- Chattin, Robert C. Power take-off mechanism for tractors. 2,753,872, 7-10-56, Cl. 186-33.
- Chattin, Robert C. Extensible rotor. 2,761,369, 9-4-56, Cl. 97-215.
- Chaudet, Louis W., II: *See—*
- Chaudet, Maora A. 2,760,300.
- Chaudet, Maora A., to Louis W. Chaudet, II. Music rack. 2,760,300, 8-28-56, Cl. 45-80.
- Chaudiere, Etienne F., to J. A. M. S. A. Improvements in top luggage carriers for motorcars. 2,754,041, 7-10-56, Cl. 224-42.1.
- Chaudron, Charles E. Grinding and polishing glass. 2,757,494, 8-2-56, Cl. 51-283.
- Chaussee, Francis P.: *See—*
- Chausee, Russel L., and F. P., and Dial. 2,732,084.
- Chaussee, Russel L. and F. P., and E. L. Dial, 1/2 to H. Stoller. Curing chambers. 2,732,084, 1-24-56, Cl. 214-16.4.
- Chastowich, Gabriel A., to Driplan Corp. Heating element. 2,766,367, 10-9-56, Cl. 219-41.
- Chauvel, Raymond G., to Societe a responsabilite limitee dite Gambin & Cie. Feed drive mechanism with backlash eliminator. 2,734,394, 2-14-56, Cl. 74-441.
- Chauvin, Deane, to Westinghouse Electric Corp. Relay actuating circuit. 2,773,222, 12-4-56, Cl. 317-149.
- Chave, Charles T., to Stone & Webster Engineering Corp. Perforated bubble tray. 2,767,966, 10-23-56, Cl. 261-113.
- Chayen, Israel H., to British Glues and Chemicals Ltd. Treatment of raw materials containing fatty materials. 2,773,082, 12-4-56, Cl. 260-412.
- Chayne, Charles A., to General Motors Corp. Wheel suspension comprising sectional dead axle and connections therefrom to vehicle frame. 2,732,903, 1-31-56, Cl. 180-73.
- Chayne, Charles A., to General Motors Corp. Cylinder block. 2,734,077, 2-14-56, Cl. 123-195.
- Chayne, Charles A., to General Motors Corp. Steering column assembly. 2,744,419, 5-8-56, Cl. 74-493.
- Chayne, Charles A., to General Motors Corp. Brake cooling. 2,765,833, 10-9-56, Cl. 188-264.
- Chea, Joseph A.: *See—*
- Gretzinger, John R., Chea, and Hanson. 2,754,002.
- Cheatum, Leo G., to Deere Mfg. Co. Pickup and feeder mounting for harvester. 2,729,047, 1-3-56, Cl. 56-344.
- Chechak, Jonas J.: *See—*
- Minsk, Louis M., and Chechak. 2,732,382.
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- Cheesman, John J., to General Strapping Corp. Package and like binding mechanism. 2,730,036, 1-10-56, Cl. 100-27.
- Chefalo, Pat A.: *See—*
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- Cheftel, Henri, and E. F. Sanders, to International Machinery Corp., Societe Anonyme. Apparatus for canning sardines and the like. 2,741,978, 4-17-56, Cl. 99-443.
- Chelf, Clarence C. Auxiliary tool support. Re. 24,167, 6-19-56, Cl. 82-37.
- Chellis, Robert D., to Stone & Webster Engineering Corp. Pipe support structure. 2,765,135, 10-2-56, Cl. 248-49.
- Chelton, MacVictor. *See—*
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- Chemerda, John M., to Merck & Co., Inc. A-7-acyloxy-9, 11-epoxy steroids and processes of preparing them. 2,734,897, 2-14-56, Cl. 260-239.55.
- Chemerda, John M., to Merck & Co., Inc. Hydrogenation of chloroprenes. 2,739,162, 3-20-56, Cl. 260-397.1.
- Chemerda, John M., to Merck & Co., Inc. Process for preparing 1,2-diketeto steroids. 2,749,337, 6-5-56, Cl. 260-239.55.
- Chemical Construction Corp. *See—*
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- Cook, Lucien H., Hodge, and Colonias. 2,774,660.
- Cunningham, Frederick C., Berger, and Rinckhoff. 2,737,448.
- Gains, Wilfred C. 2,762,452.
- Mackiw, Vladimir N., Lin, Roy, and Kunda. 2,767,083.
- Mackiw, Vladimir N., Roy, Lin, and Kunda. 2,767,081.
- McCarthy, Lawrence J. 2,737,159.
- McCauley, Patrick J., Nashner, and Kudryk. 2,746,859.
- McCauley, Patrick J., Schaufelberger, and Roberts. 2,755,172.
- Mullen, James W., II, and Fenn. 2,767,233.
- Murakami, Masao, and Imamoto. 2,746,803.
- Nashner, Sydney, and Schaufelberger. 2,753,257.
- Roberts, Edward S., and Streizoff. 2,737,440.
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- Roy, Tuhin K. 2,749,235.
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- Schufelberger, Felix A., and Roberts. 2,744,003.
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- Chemical Corp., The. *See—*
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- Chemical Specialties Co., Inc. *See—*
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- Chemicals & Materials Distributors Corp. *See—*
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- Chemieprodukte G. m. b. H.: *See—*
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- Chemische Fabrik L. van der Grinten N. V.: *See—*
- Kennedy, Walter D., and Fenton. 2,743,653.
- Sanders, Theodor P. W., and Wilders. 2,739,061.
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- Chemische Werke Albert: *See—*
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- Schlenker, Felix, and Starck. 2,767,158.
- Chemische Werke Essener Steinkohle A. G.: *See—*
- Löppmann, Bernhard. 2,751,404.
- Chemische Werke Huls Aktiengesellschaft: *See—*
- Jahnst, Walter, Weichert, and Reich I. 2,764,524.
- Mönkemeyer, Karl. 2,770,655.
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- Wenning, Heinrich. 2,745,825.
- Chemo Puro Mfg. Corp.: *See—*
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- Chempatents, Inc. *See—*
- Brown, David, Colton, and Landau. 2,746,998.
- Egbert, Robert B. 2,764,598.
- Landau, Ralph. 2,752,362.
- Landau, Ralph. 2,766,261.
- Chemstrand Corp., The. *See—*
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- Basdekis, Costas H. 2,752,264.
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- Chaney, David W., and Schaefer. 2,743,994.
- Craig, Alfred B. 2,749,325.
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- De Witt, Hobson D. 2,752,318.
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- Gibson, Eugene C., and Holt. 2,735,540.
- Ham, George E. 2,740,687.
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- Ham, George E. 2,749,321.
- Ham, George E. 2,756,218.
- Ham, George E. 2,761,855.
- Ham, George E. 2,769,791.
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- Chemstrand Corp., The. *See—Continued*
- Mowry, David T., and Craig. 2,744,086.
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- Chemway Corp.: *See—*
- Mina, Francis A., and Antczak. 2,742,321.
- Chen, Tung C., to Burroughs Corp. Pulse lengthening circuit. 2,761,998, 9-4-56, Cl. 317-149.
- Chen, Wayne H., to Bell Telephone Laboratories, Inc. Connector and selector circuits. 2,733,424, 1-31-56, Cl. 340-147.
- Chenette, Joseph C. Appliance hand truck having endless tread stair climbing device. 2,775,463, 12-25-56, Cl. 280-5.22.
- Cheney, Charles W. Hinged hasp fastening. 2,764,444, 9-25-56, Cl. 292-281.
- Cheney, Charles W. Hand tools for operating worm geared band clips. 2,769,471, 11-6-56, Cl. 145-50.
- Cheney, George: *See—*
- Alexander, Belden L. 2,767,500.
- Cheney, Grant W., and A. L. Stark, to The Dow Chemical Co. Method for packaging fluids, jellies, pastes and fluent powders. 2,769,206, 11-6-56, Cl. 18-56.
- Cheney, Gordon H.: *See—*
- Whitener, Philip C., and Cheney. 2,761,319.
- Cheney, Lee C.: *See—*
- Cheney, Stephen B., and Cheney. 2,744,139.
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- Cheney, Lee C., to Bristol Laboratories Inc. 1,3-disubstituted-2-streptomycin-tetrahydroimidazole, acid addition salts thereof, and therapeutic compositions containing same. 2,767,116, 10-16-56, Cl. 167-105.
- Cheney, Lee C., to Bristol Laboratories Inc. Dehydrodiethyl-ethylenediamine. 2,767,161, 10-16-56, Cl. 260-102.
- Cheney, Lee C., to Bristol Laboratories Inc. Purification of streptomycin. 2,767,168, 10-16-56, Cl. 260-210.
- Cheney, Lee C., and S. B. Binkley, to Bristol Laboratories Inc. Unitary process for the production of 2-benzylphenyl- $\beta$ -dimethylaminoethyl ether dihydrogen citrate. 2,768,207, 10-23-56, Cl. 260-570.
- Cheney, Marvin C., and C. I. McCall, to The Lewis Engineering Co. Apparatus for applying plastic coating to wire. 2,760,229, 8-28-56, Cl. 18-13.
- Cheney, Vao L.: *See—*
- Toby, Max E., and Cheney. 2,752,968.
- Cheney, Vao L., to Chip Steak Co. Apparatus for producing loaves of meat or the like. 2,729,947, 1-10-56, Cl. 62-1.
- Cheney, Wendell C., to Gillett & Eaton, Inc. Piston with heat insert and process of making it. 2,775,493, 12-25-56, Cl. 309-9.
- Cheng, Chung C.: *See—*
- Har'el, Abraham, and Cheng. 2,757,289.
- Chenick, Joseph A., to Universal Oil Products Co. Production of polyalkylsilbene quinones and polyalkoxystilbene quinones. 2,753,249, 1-3-56, Cl. 260-396.
- Chenick, Joseph A., to Universal Oil Products Co. Treatment of hydrocarbon distillates with a phenylene diamine, a carboxylic acid salt of an amine and oxygen. 2,737,472, 3-6-56, Cl. 196-29.
- Chenick, Joseph A., to Universal Oil Products Co. Metal deactivator. 2,754,216, 7-10-56, Cl. 99-163.
- Chenick, Joseph A., and R. B. Thompson, to Universal Oil Products Co. Biguanide derivatives as corrosion inhibitors. 2,734,807, 2-14-56, Cl. 44-72.
- Chenick, Joseph A., and R. H. Rosenwald, to Universal Oil Products Co. Stabilization of edible fats and oils. 2,738,281, 3-13-56, Cl. 99-163.
- Chenick, Joseph A., and R. B. Thompson, to Universal Oil Products Co. Guanilamino dihydropyrimidines. 2,754,183, 7-10-56, Cl. 44-63.
- Chenier, Charles A. Window blind structure. 2,748,850, 6-5-56, Cl. 160-118.
- Chepil, John W., and W. S. Apparatus for effecting the fecundation of plants. 2,775,065, 12-25-56, Cl. 47-1.
- Chepil, William S.: *See—*
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- Chepil, William S. Apparatus for effecting the fecundation of plants. 2,749,664, 6-12-56, Cl. 47-1.
- Cherem, Gabriel A. Tree pruner and trimmer based on portable platform. 2,756,784, 7-31-56, Cl. 143-43.
- Cherewick, Frederick J. Star wheel feeders. 2,738,108, 3-13-56, Cl. 222-227.
- Cherkin, Arthur, to Don Baxter, Inc. Apparatus for regulating fluid flow. 2,761,445, 9-4-56, Cl. 128-214.
- Cherniavsky, Alexander J.: *See—*
- Johnson, Ava J., and Cherniavsky. 2,746,844.
- Chernosky, Anthony J., and J. D. Umber, to The M. W. Kellogg Co. Process for the initiation of dehalogenation reactions. 2,754,336, 7-10-56, Cl. 260-653.
- Chernowitz, George. Power plants comprising main and auxiliary engines. 2,769,305, 11-6-56, Cl. 60-35.6.
- Cherrier, Claude M., to Societe Anonyme des Manufactures des Glaces et Produits Chimiques de Saint-Gobain, Chauny & Crey. Apparatus for analyzing gases. 2,729,097, 1-3-56, Cl. 73-27.
- Cherrier, Claude M., to Societe Anonyme des Manufactures des Glaces et Produits Chimiques de Saint-Gobain, Chauny & Crey. Gas analysis. 2,736,833, 2-28-56, Cl. 250-43.5.
- Cherrier, Claude M., to Societe Anonyme des Manufactures des Glaces et Produits Chimiques de Saint-Gobain Chauny & Crey. Gas analysis apparatus. 2,751,777, 6-26-56, Cl. 73-27.

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- Cherry, Dean B., to Thompson Products, Inc. Coaxial switch. 2,766,355, 10-5-56, Cl. 200—153.
- Cherry Electrical Products Corp.: *See*—  
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- Cherry, Peter W., to General Electric Co. Circumferential air discharge construction for suction cleaners. 2,741,329, 4-10-56, Cl. 185—43.
- Cherry, Robert H., to the United States of America as represented by the Secretary of the Navy. Instrument for measuring carbon monoxide in oxygen bearing atmosphere. 2,743,167, 4-24-56, Cl. 23—255.
- Cherry, Robert H., and G. M. Foley, to Leeds and Northrup Co. Compensated gas-analysis bridges. 2,734,376, 2-14-56, Cl. 73—27.
- Cherry, Robert H., and G. M. Foley, to Leeds and Northrup Co. Liquid manometers. 2,738,678, 3-20-56, Cl. 73—398.
- Cherry, Robert H., and G. M. Foley, to Leeds and Northrup Co. Isothermal systems for gas analysis. 2,759,354, 8-21-56, Cl. 38—27.
- Cherry, Walter L., Jr., to Cherry Electrical Products Corp. Multiple pole double-throw simultaneous-action snap-action switches. 2,758,171, 8-7-56, Cl. 200—67.
- Chertoff, Israel. Apparatus for generating sound waves. 2,745,372, 5-15-56, Cl. 115—137.
- Chervenak, Michael C.: *See*—  
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Pichler, Helmut R., and Chervenak. 2,765,359.
- Chesapeake and Ohio Railway Co. The: *See*—  
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- Chesher, William J. Automatic lowering and unloading apparatus. 2,735,558, 2-21-56, Cl. 214—103.
- Cheshire, John R., and W. R. Trutna, to E. I. du Pont de Nemours and Co. Preparation of thiuram disulfides. 2,751,415, 6-19-56, Cl. 280—567.
- Chindan, Louis. Toy. 2,760,592, 8-28-56, Cl. 46—1.
- Chesley, Kenneth G., C. W. Montgomery, and L. T. Sandborn, to Crossett Lumber Co. Production of organic acids and salts thereof from cellulosic materials. 2,750,414, 6-12-56, Cl. 260—528.
- Chesley, Louis C., Jr., and R. G. Hart, to The Borden Co. Free formaldehyde condensation product. 2,729,611, 1-3-56, Cl. 260—29.4.
- Chesluk, Ralph P.: *See*—  
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- Chesney, John, to General Instrument Corp. High frequency interstage coupling. 2,769,961, 11-6-56, Cl. 353—24.
- Chesney, William E., to H. H. Brosius, Inc. Methods of silver determination. 2,767,063, 10-16-56, Cl. 23—230.
- Chesnut, John D.: *See*—  
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- Chesler, Cecatic, to J. S. Sears, Roebuck and Co. Muffler for lawn mower. 2,774,439, 12-18-56, Cl. 181—66.
- Chester, Allan E., to Poor & Co. Electrodeposition of zinc-copper alloys. 2,730,492, 1-10-56, Cl. 204—44.
- Chester, Allan E., to Poor & Co. Electrodeposition of copper-zinc alloys. 2,734,026, 2-7-56, Cl. 204—44.
- Chester, Allan E., to Poor & Co. Salts of oxyalkylated fatty amines. 2,739,980, 3-27-56, Cl. 260—501.
- Chester, Allan E., to Poor & Co. Vitreous enameling process. 2,768,904, 10-30-56, Cl. 117—50.
- Chester, Allan E., and J. T. Irwin, to Poor & Co. Cyanide compositions suitable for electroplating baths and method for the preparation thereof. 2,771,411, 11-20-56, Cl. 204—46.
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- Chester, Carroll W. Glare shield for automobiles. 2,757,955, 8-7-56, Cl. 296—97.
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- Chevallier, George E., to The Wayne Pump Co. Swivel coupling for gasoline dispensers. 2,745,682, 5-15-56, Cl. 285—9.
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- Chew, R. W. Electric defrosting unit for vehicles. 2,738,408, 3-13-56, Cl. 219—19.
- Chew, Albert C., to Hobson-Miller Machinery, Inc. Machine for handling cards and the like. 2,749,117, 6-5-56, Cl. 271—11.
- Chew, Clarence, to Owens-Illinois Glass Co. Apparatus for surface coating glassware. 2,747,541, 5-29-56, Cl. 118—211.
- Chew, William F.: *See*—  
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- Chiaberta, Pio: *See*—  
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- Chiaberta, Serafino and P., to Bulloneria E. Viterle Italiana B. V. I. Method of producing blanks for roll threaded screws and the like by a combined forging and drawing action. 2,740,136, 4-3-56, Cl. 10—10.
- Chiambretti, Battista J. Bait minnow dispensers. 2,767,507, 10-23-56, Cl. 43—55.
- Chiang, Stanley H. K.: *See*—  
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- Chiappe, Orlando J.: *See*—  
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- Chicago Bridge and Iron Co.: *See*—  
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- Chicago Cardboard Co.: *See*—  
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- Chicago City Bank and Trust Co.: *See*—  
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- Chicago Metallic Mfg. Co.: *See*—  
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- Chicago Nipple Mfg. Co.: *See*—  
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- Chicago Pump Co.: *See*—  
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Budd, Wilbert H., Stackhouse, and Slough. 2,740,027.  
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- Chicago, Wheel & Mfg. Co.: *See*—  
Miller, Henry E., and Sheets. 2,763,970.
- Chicane, Veri I. Mobile grain elevator. 2,730,227, 1-10-56, Cl. 198—53.
- Chichester, Kenneth J.: *See*—  
Spar, Albert E., and Chichester. 2,757,252.
- Chichester, Kenneth J., to Talon, Inc. Toggle switch. 2,749,400, 6-5-56, Cl. 200—67.
- Chichester, Sidon T. Jr., 1/4 to J. P. Parker. Handling system for aircraft. 2,736,520, 2-28-56, Cl. 244—114.
- Chick, Russell W., to The Baldwin Piano Co. Oscillator. 2,768,295, 10-23-56, Cl. 250—36.
- Chick, Russell W., to The Baldwin Piano Co. Electronic organ with tremolo. 2,768,551, 10-30-56, Cl. 84—125.



- Chick, Russell W., and J. C. Silva, to Columbia Broadcasting System, Inc. Aging conveyor. 2,773,731, 12-11-56, Cl. 316-27.
- Chicknavorian, Hagop. Electric Shish Kebab cooker. 2,762,292, 9-11-56, Cl. 99-421.
- Chicopee Mfg. Corp. *See*—
- Di Dario, Mario M. 2,771,379.
- Faris, Harold P., and Koenig. 2,757,437.
- Jamison, Samuel J., and Yates. Re. 24,139.
- Kennette, Heath O., Plummer, and Smith. 2,731,679.
- McCord, Douglas D., Holbrook, and Rudolph. 2,757,434.
- Nicholl, Jonathan F. 2,757,436.
- Chiddix, Max E.: *See*—
- Cross, James M., and Chiddix. 2,740,814.
- Chiddix, Max E., and S. H. Hesse, to General Aniline & Film Corp. Germicidal soap composition. 2,739,941, 3-27-56, Cl. 252-107.
- Chiddix, Max E., and R. L. Sundberg, to General Aniline & Film Corp. Mixed alkyl-benzyl-alkylol quaternary ammonium salts. 2,759,975, 8-21-56, Cl. 260-567.6.
- Chidel, Sol: *See*—
- Field, Leonard D., and Chidel. 2,765,538.
- Chidsey, Francis A., Jr., and J. H. Walter, to Container Corp. of America. Mechanism for opening collapsed tubular cartons. 2,769,876, 11-6-56, Cl. 93-63.
- Chika, John J. Passenger safety device for vehicles. 2,749,143, 6-5-56, Cl. 280-150.
- Chika, John J. Means for support and operation of toy air-chiks. 2,763,094, 9-18-56, Cl. 46-77.
- Chiksan Co.: *See*—
- Bily, Peter J. 2,731,234.
- Bily, Peter J. 2,746,773.
- Bily, Peter J. 2,755,068.
- Jackson, Donald M. 2,740,563.
- Child, Everett S., T. G. Pansa, and E. J. D'Annunzio, to United States Rubber Co. Electrical cable coupling. 2,739,290, 3-20-56, Cl. 339-49.
- Childress, Clifford C. Extrusion of sheathing from aluminum and the like. 2,766,519, 11-6-56, Cl. 25-237.
- Childress, Clyde, to J. Flex. Photographic method of tonal scale compensation. 2,737,457, 3-6-56, Cl. 95-88.
- Childress, Hunter W. Long distance casting cork. 2,737,752, 3-13-56, Cl. 43-44.88.
- Childress, Hunter W. Fish hook and plug de-snagger. 2,753,403, 3-14-56, Cl. 43-17.2.
- Childress, William C., to Signode Steel Strapping Co. Joint forming tool. 2,752,806, 7-3-56, Cl. 81-9.1.
- Childs, Emery S., and J. H. Balko. Hand operated insect duster. 2,738,615, 3-20-56, Cl. 43-146.
- Childs, Herbert C., to Olin Mathieson Chemical Corp. Picking scrap ring resulting from extrusion of tubular articles. 2,754,907, 7-17-56, Cl. 164-29.
- Childs, John J., to Ford Motor Co. Resistance welding apparatus. 2,763,769, 9-18-56, Cl. 219-108.
- Childs, John M. Pivoted fluke anchor. 2,733,678, 2-7-56, Cl. 14-208.
- Childs, Percy A.: *See*—
- Foulkes, Christopher H., Childs, and Smith. 2,752,450.
- Childs, Richard L., and E. Cranshaw, to Draper Corp. Textile spindle. 2,773,346, 12-11-56, Cl. 57-130.
- Childs, John H., Jr., to Westinghouse Electric Corp. Gaskets with sealing lips. 2,739,001, 3-20-56, Cl. 288-20.
- Chillson, Charles W., to Curtiss-Wright Corp. Worm drive mechanism. 2,730,908, 1-17-56, Cl. 74-425.
- Chillson, Charles W., to Curtiss-Wright Corp. Brake mechanism. 2,735,516, 2-21-56, Cl. 188-105.
- Chillson, Charles W., to Curtiss-Wright Corp. Governor. 2,759,078, 7-17-56, Cl. 264-6.
- Chilton, Joseph S. Miter box. 2,748,811, 6-5-56, Cl. 143-90.
- Chilton, Samuel A., 1/2 to R. R. Harrell, Jr. Hydropneumatic system for radiator repair lift. 2,736,169, 2-28-56, Cl. 60-51.
- Chilton, William D., to General Motors Corp. Clip clenching tool. 2,740,514, 4-3-56, Cl. 193-38.
- Chilton, William D., to General Motors Corp. Flexible chute. 2,744,601, 5-8-56, Cl. 193-25.
- Chimble, Anthony M., to All American Mfg. Co. Theft-proof shipping head. 2,763,197, 10-2-56, Cl. 259-59.
- Chimje et Atomistique: *See*—
- Libermann, David, and Moryeux. 2,771,393.
- Chin, John. Controls for bean sprouting machine. 2,750,713, 6-19-56, Cl. 47-14.
- Chin, John. Henri A. Grease-gun. 2,729,369, 1-3-56, Cl. 222-394.
- Chincholl, Fred W. Can sealing strip remover. 2,732,093, 1-24-56, Cl. 220-52.
- Ching, Harry Q. Y. Putter guide. 2,750,195, 6-12-56, Cl. 272-183.
- Chinnam, Julius: *See*—
- Menendez, Gil H. 2,744,243.
- Chinn, Leland J., to G. D. Searle & Co. 11-oxygenated derivatives of 13-methyl-1,2,3,6,7,8,9,10,11,12,13,14,16,17-tetradehydro-15-h-cyclopenta[α]phenanthrene-3,17-dione. 2,772,298, 11-27-56, Cl. 260-397.45.
- Chip Steak Co.: *See*—
- Cheney, Vao L. 2,729,947.
- Chipman Chemical Co., Inc.: *See*—
- Bales, Irvin W. 2,749,227.
- Chipman, Harold R., to United States Rubber Co. Addition of aldehydes to tertiary mono-olefines. 2,739,990, 3-27-56, Cl. 260-663.
- Chirco, Michael A., and H. T. Green. Combined headpiece and catapult. 2,760,304, 8-28-56, Cl. 46-81.
- Chircep, Lawrence E. Dispensing caps for collapsible tubes. 2,772,027, 11-27-56, Cl. 222-92.
- Chirtel, Joseph S., and W. M. Halper, to Shell Development Co. Preparation of cycloheptatrienes. 2,754,337, 7-10-56, Cl. 260-666.
- Chisholm, Daniel. Flexible metallic fabric. 2,753,139, 7-3-56, Cl. 245-39.
- Chisholm, Daniel, J.: *See*—
- Brennan, Daniel H., and Chisholm. 2,755,106.
- Chisholm, Douglas S., and G. F. Hershey, to The Dow Chemical Co. Apparatus for atomizing metal. 2,752,196, 9-26-56, Cl. 299-63.
- Chisholm, Douglas S., and D. F. Hall, to The Dow Chemical Co. Method of making titanium alloys. 2,766,113, 10-9-56, Cl. 75-84.5.
- Chisholm, Effie, to Stephens-Adamson Mfg. Co. Bedside transfer. 2,757,358, 8-7-56, Cl. 5-317.
- Chisholm, Raymond S.: *See*—
- Metcalf, Herbert E., Johnson, and Chisholm. 2,741,593.
- Chisholm-Ryder Co., Inc.: *See*—
- Benson, George O., and Maglio. 2,737,747.
- Hermanson, Emil H. 2,768,628.
- Chisoe, Clarence E. Die-operating means for duplex head nail machines. 2,761,157, 9-4-56, Cl. 10-53.
- Chittenden, Windsor N. Positive shank-locking means for collet-held cutting tools. 2,773,693, 12-11-56, Cl. 279-48.
- Chittleburgh, Raymond: *See*—
- Chittleburgh, Raymond, and Powell. 2,750,792.
- Chittum, Herman F. Rotary brush having cleaning fluid applying means. 2,756,446, 7-31-56, Cl. 15-29.
- Chittum, Joseph F.: *See*—
- Rohrbach, Gilson H., and Chittum. 2,759,891.
- Rohrbach, Gilson H., and Chittum. 2,764,242.
- Rohrbach, Gilson H., and Chittum. 2,764,465.
- Chiuchiarrelli, Berardino: *See*—
- Lyster, George, Jr. 2,745,110.
- Chiverton, Thomas J., to The Preload Co., Inc. Method and apparatus for making prestressed concrete articles. 2,752,295, 9-25-56, Cl. 25-237.
- Chlavin, Alvin, to Hughes Aircraft Co. Hermetically sealed coaxial connector. 2,762,991, 9-11-56, Cl. 339-177.
- Choice, Frank C., and J. W. Pratt, to United Shoe Machinery Corp. Tool lining trimming machines. 2,740,144, 4-3-56, Cl. 37-6.
- Chosser, Charles N., to C & I Lighting & Metals, Inc. Fluorescent inspection lamps. 2,760,053, 8-21-56, Cl. 240-11.4.
- Chokae, James A. Windage and elevation adjustable mount for telescopic sights. 2,739,384, 3-27-56, Cl. 33-50.
- Choma, Daniel. Leather burnishing and polishing device. 2,737,678, 3-13-56, Cl. 15-222.
- Chong, Carlos E., to Radio Corp. of America. Transistor multivibrator circuit. 2,770,732, 11-13-56, Cl. 250-36.
- Choquette, Paul J., to Gilbane Building Co. Method of casting concrete slabs. 2,739,365, 3-27-56, Cl. 25-155.
- Chorbacher, Wilhelm: *See*—
- Lothar, and Chorbacher. 2,738,860.
- Chorney, Mike: *See*—
- Bortz, Jay H., and Chorney. 2,742,210.
- Chou, Wayne W. Variable speed drive mechanism. 2,749,764, 6-12-56, Cl. 74-352.
- Choungs, Leslie C., to Automotive Products Co. Ltd. Brake shoe adjusters. 2,753,956, 7-10-56, Cl. 188-78.
- Choules, Marcel H.: *See*—
- Arnot, Alfred E. R., and Choules. 2,767,394.
- Choussy, Jean, to Societe Anonyme des Manufactures des Glaces et Produits Chimiques de Saint-Gobain, Chauny & Crey. Method of and means for localizing heat and reactions in limited portions of fluid bodies. 2,729,737, 1-3-56, Cl. 219-40.
- Chovanes, Joseph. Paint can extension collar. 2,771,208, 11-20-56, Cl. 220-4.
- Chow, Ho: *See*—
- Hertz, David B., and Chow. 2,728,943.
- Petersen, Svend A., and Chow. 2,733,874.
- Chow, Shou-Hsien, to Burroughs Corp. Magnetic device. 2,762,935, 9-11-56, Cl. 307-88.
- Chren, William A., and C. H. Hofrichter, Jr., to E. I. du Pont de Nemours and Co. Process for film casting. 2,736,066, 2-28-56, Cl. 288-20.
- Chrien, Robert E., to General Electric Co. Calcium pyrophosphate phosphor. 2,765,281, 10-2-56, Cl. 252-301.4.
- Chriscaden, Alex W.: *See*—
- Kendall, George A., and Chriscaden. 2,757,546.
- Chrisman, Horace, to Rockwell Mfg. Co. Adjustable mechanical movements. 2,760,354, 8-28-56, Cl. 74-600.
- Christ, Joseph A.: *See*—
- Impey, Charles E., Christ, and Johnson. 2,729,396.
- Christen, Ernst. Means for accurate registering of printing formes for multi-coloured work. 2,767,481, 10-23-56, Cl. 33-184.5.
- Christen, Paul. Egg separator. 2,775,277, 12-25-56, Cl. 146-2.
- Christen, Paul W.: *See*—
- Frantz, Frederick H., and Christen. 2,742,562.
- Christensen, Alton O., to the United States of America as represented by the Secretary of the Navy. Automatic frequency control circuit. 2,756,336, 7-24-56, Cl. 250-36.
- Christensen, Carl O., to Roll-Rite Corp. Wheel construction. 2,768,862, 10-30-56, Cl. 301-63.
- Christensen, Carsten O., and G. H. Vaniman, to Bellingham Chemical Forge Co. Can filling mechanism. 2,769,291, 11-6-56, Cl. 33-123.

- Christensen, Chester W., and R. O. Zerbe, to Monsanto Chemical Co. Vulcanization of rubber in the presence of sulfenamides. 2,768,988, 10-30-56, Cl. 260-786.
- Christensen, Clarence O.: *See—*
- Paulsen, Lloyd O., and Christensen. 2,774,856.
- Christensen, Dan A.: *See—*
- Johnson, Lloyd A., Christensen, and Martin. 2,757,991.
- Christensen, Dan A., and A. D. Martin, to National Motor Bearing Co., Inc. Closure device. 2,743,968, 5-1-56, Cl. 308-47.
- Christensen, Delmar A.: *See—*
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- Christensen, Edmund J., to Golf cart with swingable wheel carriages. 2,753,848, 8-14-56, Cl. 280-40.
- Christensen, Edwin S., to E. F. Pohl. Level ride seat. 2,770,287, 11-13-56, Cl. 155-9.
- Christensen, Edwin V., to Lockheed Aircraft Corp. Machine for hot dimpling. 2,771,931, 11-27-56, Cl. 153-21.
- Christensen, Frantz, and A. J. L. Leopold. Pulse generator for electric fences. 2,743,907, 5-1-56, Cl. 256-10.
- Christensen, Howard, to Bell Telephone Laboratories, Inc. Method of producing a taut thin member. 2,746,129, 5-22-56, Cl. 29-155.3.
- Christensen, John M., and W. F. Fair, Jr., to Koppers Co., Inc. Process of coating a metallic structural article and a marine organism resistant composition therefor. 2,749,250, 6-5-56, Cl. 117-26.
- Christensen, Kenneth M.: *See—*
- Dayen, William R., and Christensen. 2,745,856.
- Christensen, Kenneth R. Viewer device or the like. 2,748,392, 6-5-56, Cl. 2-8.
- Christensen, Max C., to Ford Motor Co. Disc opener suspension. 2,756,662, 7-31-56, Cl. 97-245.
- Christensen, Niels C. Process for making hydrochloric acid and recovering metal oxides. 2,767,056, 10-16-56, Cl. 29-154.
- Christensen, Olaf, to Protex Weatherstrip Mfg. Co. Sash retaining weatherstrip. 2,740,172, 4-3-56, Cl. 20-52.4.
- Christensen, Orland M., to Boeing Aircraft Co. Anti-icing of windows by dielectric heating. 2,773,162, 12-4-56, Cl. 19-10.81.
- Christensen, Paul M.: *See—*
- Cole, Thomas M., and Christensen. 2,760,021.
- Christensen, Paul M., to Federal Electric Products Co. Circuit breaker with arc blow-out. 2,733,312, 1-31-56, Cl. 200-87.
- Christensen, Paul M., and H. Cohen, to Federal Electric Products Co. Locking means for casing enclosed mechanisms. 2,737,044, 3-6-56, Cl. 70-84.
- Christensen, Raymond T., to Zenith Radio Corp. Electro-mechanical transducing arrangement. 2,773,942, 12-11-56, Cl. 179-110.
- Christenson, Donald J., and A. A. Salerno, to J. I. Case Co. Feeding rotors for fertilizer distributors. 2,772,030, 11-27-56, Cl. 222-242.
- Christenson, Gust J.: *See—*
- O'Connor, Arthur F., and Christenson. 2,764,035.
- Christenson, Howard W., to General Motors Corp. Torque converter drive. 2,734,399, 2-14-56, Cl. 74-736.
- Christenson, Howard W., to General Motors Corp. Pumps for tank and other similar types of vehicle transmissions. 2,743,627, 5-1-56, Cl. 74-606.
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- Christian, Joseph D. Heat exchange device. 2,731,241, 1-17-56, Cl. 257-79.
- Christian, Joseph D. Hollow screw conveyor flight. 2,733,898, 2-7-56, Cl. 257-101.
- Christian, Joseph D. Driven drum power terminal. 2,736,209, 2-28-56, Cl. 74-421.
- Christian, Joseph D., to The American Pulley Co. Gear reduction drive units. 2,736,210, 2-28-56, Cl. 74-421.
- Christian, Joseph D., to Holo-Plite International Inc. Heat transfer device. 2,753,159, 7-3-56, Cl. 257-79.
- Christian, Joseph D. Welding machine. 2,760,043, 8-21-56, Cl. 219-8.
- Christian, Moss B.: *See—*
- Ware, Richard N., Jr., and Christian. 2,744,046.
- Christian, Moss B., and H. F. Ladd, to Chicago Mill and Lumber Co. Method of making paper-covered wood veneer sheaths. 2,761,804, 9-4-56, Cl. 154-118.
- Christian, Raymond A., P. H. Williams, and A. J. Strachan, to The National Cash Register Co. Totalizer selecting and control mechanisms. 2,755,993, 7-24-56, Cl. 235-60.48.
- Christiansen, Andrew L., to W. S. Simpson. Fish skinning machine. 2,744,285, 5-8-56, Cl. 17-2.
- Christiansen, Charles W. Pitchometer. 2,737,726, 3-13-56, Cl. 33-174.
- Christiansen, Christian, and G. O. K. Rüsck. Circular looms for weaving of hoses. 2,735,451, 2-21-56, Cl. 139-13.
- Christiansen, Heinrich C.: *See—*
- Stegemann, Werner. 2,766,749.
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- Christiansen, Henry E., to the American Danish Oilcon Corp. Hearing aid apparatus. 2,773,941, 12-11-56, Cl. 179-107.
- Christiansen, Leslie H. Receptacle for cylinder finishing waste. 2,751,729, 6-5-56, Cl. 61-262.
- Christiansen, Thorbjörn N. Automatic fishing apparatus. 2,735,207, 2-21-56, Cl. 43-15.
- Christianson, Conrad J., to the Sherwin-Williams Co. Instrument for paint testing. 2,736,195, 2-23-56, Cl. 73-101.
- Christianson, Wallace A., and J. P. Miller, to General Motors Corp. Liquid and gas separation and blower means. 2,738,779, 3-20-56, Cl. 123-41.86.
- Christie, Chester D., to Eaton Mfg. Co. Power transmitting clutch mechanism. 2,733,795, 2-7-56, Cl. 192-57.
- Christie, Chester D., and A. L. Corcoran. Variable flushing control for toilets. 2,741,776, 4-17-56, Cl. 4-57.
- Christman, John M. Machine for chamfering gears and clutch means thereof. 2,730,019, 1-10-56, Cl. 90-1.4.
- Christman, John M. Apparatus for chamfering internal gears. 2,730,112, 8-14-56, Cl. 90-1.4.
- Christman, John M. Apparatus for manufacturing spiral bevel and hypoid gears. 2,772,602, 12-4-56, Cl. 90-1.4.
- Christodoulou, Constantinos. Cutting head for cleaning sewer pipes. 2,765,149, 10-2-56, Cl. 15-104.3.
- Christoffel, Martin: *See—*
- Meyershaus, August, and Christoffel. 2,772,403.
- Christofferson, James, to Columbia Broadcasting System, Inc. Conveyor transfer. 2,771,174, 11-20-56, Cl. 198-21.
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- Christi, Maria W. Extracting device for use with oesophageal probes, intended particularly for ruminants. 2,751,912, 6-26-56, Cl. 128-356.
- Christoph, Henry A.: *See—*
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- Christoph, Margaret L.: *See—*
- Christenson, John L., and Christoph. 2,773,033.
- Christoph, Peter, to C. Plath. Gyro-compasses. 2,734,280, 2-14-56, Cl. 93-226.
- Christoph, Walter P. Double image micrometer. 2,747,284, 5-29-56, Cl. 33-125.
- Christophers, David L., and P. J. Spear, to American Aeropap, Inc. Method of vaporizing a mixture of organic insecticides in ventilated rooms. 2,745,548, 5-1-56, Cl. 43-129.
- Christopher, George L. M.: *See—*
- Kennerly, George W., and Christopher. 2,739,123.
- Christopher, John W. Toy gun. 2,734,310, 2-14-56, Cl. 48-228.
- Christopher, John W. Toy gun. 2,734,311, 2-14-56, Cl. 48-228.
- Christopherson, Victor M. Removable work support for work benches. 2,763,301, 9-18-56, Cl. 144-287.
- Christy, James W., and J. McEvoy, to Nutone, Inc. Illuminated push button switch. 2,769,069, 10-30-56, Cl. 200-167.
- Christy, Robert A., to Borg-Warner Corp. Screen take-up control mechanism. 2,735,453, 2-21-56, Cl. 139-304.
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- Byrne, Joseph E. 2,733,475.
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- Nunan, Craig S., and Zaphriopoulos. 2,739,263.
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- Chrosta, Jerry F., to Tinnerman Products, Inc. Spring catch for cabinet doors and the like. 2,733,944, 2-7-56, Cl. 292-17.
- Chrysler Corp.: *See—*
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 Chubb, Charles F., to Sperry Rand Corp. Limit-stop control system. 2,767,363, 10-16-56, Cl. 318-261.  
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 Chung, Jackson, to Dodge Mfg. Corp. Power transmission units with overload release means. 2,753,969, 7-10-56, Cl. 192-150.  
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 Chupp, Otis H. Wire line guide and stabilizer. 2,738,161, 3-13-56, Cl. 254-190.  
 Church, Carroll E. Valve. 2,756,960, 7-31-56, Cl. 251-161.  
 Church, Charles P. Boat with retractable wheels. 2,740,135, 4-3-56, Cl. 9-1.  
 Church, George T. Electrically heated air connection incubator. 2,764,959, 10-2-56, Cl. 119-37.  
 Church, Howard, to Kaiser Aluminum & Chemical Corp. Distillation furnace. 2,730,081, 1-20-56, Cl. 122-248.  
 Church, James M., H. E. Ramsden, H. Hirschland, and H. W. Buchanan, to Metal & Thermit Corp. Halogen-containing organic materials stabilized with organotin phosphate esters. 2,743,257, 4-24-56, Cl. 260-45.75.  
 Church, Joseph H., and G. J. Kessenich, to the United States of America as represented by the Secretary of the Army. Shaped charges. 2,757,611, 8-7-56, Cl. 102-24.  
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 Church, Robert E. Selective wheeled or endless belt supports for self-propelled vehicles. 2,765,860, 10-9-56, Cl. 150-64.  
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 Church, Walter L. Control heads. 2,766,830, 10-16-56, Cl. 166-86.  
 Churchill, John W., to Olin Mathieson Chemical Corp. Production of chlorobenzenes. 2,737,531, 3-6-56, Cl. 260-650.  
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 Churella, Cecil M. Fixture holder for Christmas trees. 2,755,054, 7-17-56, Cl. 248-229.  
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- Cibula, Joseph, Crate fastener, 2,729,488, 1-3-56, Cl. 292-107.
- Cicalese, Julius J.: *See*—  
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- Cicchetti, Alfred G.: *See*—  
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- Ciccollella, David F., to Bell Telephone Laboratories, Inc. Crystal unit inductance adjustment, 2,763,050, 9-18-56, Cl. 29-25.35.
- Cier, Harry E., to Esso Research and Engineering Co. Photochemical reaction of hydrocarbons, 2,762,768, 9-11-56, Cl. 204-162.
- Ciero, Frank, Dishwasher contrarotary: solution recirculation means and attachments, 2,747,589, 5-29-56, Cl. 134-96.
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- Cifarelli, Mary C.: *See*—  
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- Cigley, Emil S. Fluid deflector system for endless chain propellers in amphibian craft, 2,758,561, 8-14-56, Cl. 115-1.
- Cilag Ltd.: *See*—  
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- Cilley, Osborn H., R. L. Moore, and I. J. Novak, to Raybestos-Manhattan, Inc. Production of mixed fibrous sheet material, 2,772,157, 11-27-56, Cl. 92-3.
- Cinch, Inc.: *See*—  
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- Cincinnati Milling Machine Co., The: *See*—  
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- Cincinnati Mine Machinery Co., The: *See*—  
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- Cincinnati Screen Process Supplies Inc.: *See*—  
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- Cincinnati Testing and Research Laboratories: *See*—  
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- Cinema-Television Ltd.: *See*—  
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- Cines, Martin R., and J. T. Roach, to Phillips Petroleum Co. Process for removing alkyl sulfides from hydrocarbon fluids with adsorbent impregnated with cuprous chloride, 2,760,908, 8-28-56, Cl. 190-30.
- Cinco, Joseph O. Offset rotary filing tool, 2,737,704, 3-13-56, Cl. 30-30.
- Cioffi, Vincent R., to Bogue Electric Mfg. Co. Water treating system, 2,753,302, 7-3-56, Cl. 210-24.
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- Circle Valve Co.: *See*—  
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- Cirese, Eugene H., to Nu-Way Harvesting Co. Applicator for water soluble fertilizers, fungicides, insecticides, and the like, 2,760,820, 8-28-56, Cl. 299-83.
- Cirillo, Lee, to Towmotor Corp. Carton hook assembly for lift trucks, 2,744,645, 5-8-56, Cl. 214-651.
- Ciscel, Benjamin H.: *See*—  
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- Ciscel, Benjamin H., to Minneapolis-Honeywell Regulator Co. Steering apparatus for rotating wing aircraft, 2,733,878, 2-7-56, Cl. 244-17.13.
- Ciscel, Benjamin H., to Minneapolis-Honeywell Regulator Co. Automatic pilots, 2,755,427, 7-17-56, Cl. 318-489.
- Ciscel, Benjamin H., and E. C. Petry, to Minneapolis-Honeywell Regulator Co. Jet engine fuel control apparatus, 2,760,337, 8-28-56, Cl. 60-39.28.
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- Cislak, Francis E., to Reilly Tar & Chemical Corp. Alkanolpyridine-N-oxides, 2,735,851, 2-21-56, Cl. 260-297.
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- Cislak, Francis E., to Reilly Tar & Chemical Corp. Process of making phenylpyridylcarbinols, 2,748,141, 5-29-56, Cl. 260-297.
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- Cislak, Francis E., to Reilly Tar & Chemical Corp. Phenylpyridylalkanoles, 2,750,392, 6-12-56, Cl. 260-297.
- Cislak, Francis E., to Reilly Tar & Chemical Corp. Process of preparation of 2-hydroxypyridine-1-oxide and homologs, 2,752,356, 6-26-56, Cl. 260-297.
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- Cislak, Francis E., and W. R. Wheeler, Process of preparing pyridine and 3-picoline, 2,744,904, 5-8-56, Cl. 260-290.
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- Cissell, W. M., Mfg. Co., Inc.: *See—*  
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- Cit-Con Oil Corp.: *See—*  
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- Cities Service Oil Co.: *See—*  
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- Civittelli, Gennaro. Rasp or file. 2,738,568, 3-20-56, Cl. 29-79.
- Cizek, George J. Power transmission. 2,773,392, 12-11-56, Cl. 74-203.
- Claas, August. Apparatus for cleaning radiators of internal combustion engines. 2,761,452, 9-4-56, Cl. 123-41.49.
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- Clack, Willis E. Four port reversing multi-way valve unit. 2,737,976, 2-13-56, Cl. 137-556.3.
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- Clade, Robert, to W-K-M Mfg. Co., Inc. Composite gasket formed in situ. 2,747,905, 5-29-56, Cl. 288-20.
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- Classton, Fern H., and H. Freese. Automatic telephone exchanges. 2,769,034, 10-30-56, Cl. 179-18.
- Claff, Clarence L., and C. A. Moeller, to M. B. Claff & Sons, Inc. Carrying package. 2,771,238, 11-20-56, Cl. 229-45.
- Claff, Clarence L., and C. A. Moeller, to M. B. Claff & Sons, Inc. Automatic actuating means for box setting-up machines. 2,774,285, 12-18-56, Cl. 93-36.
- Claff, Clarence L., and C. A. Moeller, to M. B. Claff & Sons, Inc. Flexible printing plate locking device. 2,775,199, 12-25-56, Cl. 101-415.1.
- Claff, M. B., & Sons, Inc.: *See—*  
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- Clagg, Arthur: *See—*  
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- Claggett, John D., and A. W. H. Toledo Scale Co. Fresh water pre-wash conveyor dishwasher. 2,746,466, 5-22-56, Cl. 134-72.
- Clague, Robert E.: *See—*  
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- Clamann, Hans G., to the United States of America as represented by the Secretary of the Air Force. Pneumatic refractometer. 2,731,877, 1-24-56, Cl. 88-14.
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- Clapp, Daniel E., to Proctor Electric Co. Thermal wattage controller. 2,749,406, 6-5-56, Cl. 200-113.
- Clapp, George H. Weatherproof door stop. 2,734,238, 2-14-56, Cl. 20-69.
- Clapp, Gerald D. Guide apparatus for use with a toilet flushing mechanism. 2,747,198, 5-29-56, Cl. 4-57.
- Clapp, Maurice. Tire curing arrangement. 2,728,945, 1-3-56, Cl. 18-18.
- Clapp, Richard C.: *See—*  
English, Jackson P., and Clapp. 2,769,820.
- Clapp, Richard D.: *See—*  
Orser, Keith L., and Clapp. 2,746,894.
- Clapp, Richard G.: *See—*  
Moore, Robert C., and Clapp. 2,771,504.
- Clapp, Richard G., to Philco Corp. Color television indexing system. 2,752,418, 6-26-56, Cl. 178-5.4.
- Clapp, Richard G., and L. W. Hershinger, to Philco Corp. Cathode ray tube beam intensity control. 2,773,117, 12-4-56, Cl. 178-5.4.
- Clapp, Roger E., to the United States of America as represented by the Secretary of the Navy. Rotary scanner. 2,742,642, 4-17-56, Cl. 343-854.
- Clapp, William M.: *See—*  
Peterson, Carl A., and Clapp. 2,762,914.
- Clapper, Preston S., to Powerpak Equipment Co. Crop dust-ers. 2,740,230, 4-3-56, Cl. 43-148.
- Clappier, Frank P. Sport shoe. 2,773,316, 12-11-56, Cl. 36-25.
- Claps, Louis. Container with roller type collapsible tube. 2,771,220, 11-20-56, Cl. 222-100.
- Claras, Carl W., and T. Wickstrom, to Revere Camera Co. Switch actuator apparatus. 2,771,526, 11-20-56, Cl. 200-61.62.
- Clare, C. P., & Co.: *See—*  
Horlacher, Albert F. 2,760,026.  
Horlacher, Albert F. 2,764,654.  
Horlacher, Albert F. 2,764,656.
- Claret, Rene, to Office National d'Etudes et de Recherches Aeronautiques. Angular position data apparatus. 2,734,689, 2-14-56, Cl. 33-1.
- Claret, René, and J. Bouzitat, to Office National d'Etudes et de Recherches Aeronautiques. Navigation instrument. 2,758,377, 8-14-56, Cl. 33-61.
- Claridge, Elmond L., and H. M. Orfield, to Shell Development Corp. Solvent extraction method and apparatus. 2,759,872, 8-21-56, Cl. 196-14.49.
- Clark, Adna R., to International Harvester Co. Combination panel and refrigeration unit. 2,735,277, 2-21-56, Cl. 62-117.
- Clark, Adolphus: *See—*  
Shields, Wilfred R. 2,761,588.
- Clark-Aiken Co., The: *See—*  
Grody, Donald R. 2,733,022.
- Clark, Alfred, to Phillips Petroleum Co. Production of xylenes. 2,741,646, 4-10-56, Cl. 260-668.
- Clark, Alfred, and J. S. Cromans, to Phillips Petroleum Co. Isomerization of paraffin hydrocarbons with molybdenum oxide-alumina catalyst. 2,742,519, 4-17-56, Cl. 260-683.5.
- Clark, Alfred S., to United Shoe Machinery Corp. Insole lip cutting and scoring machines. 2,746,068, 5-22-56, Cl. 12-40.
- Clark, Alfred S., to United Shoe Machinery Corp. Methods of making slip-lasted shoes. 2,748,405, 6-5-56, Cl. 12-142.
- Clark, Alfred S., to United Shoe Machinery Corp. Sole channeling and lip setting machines. 2,750,607, 6-19-56, Cl. 12-18.7.
- Clark, Alfred S., to United Shoe Machinery Corp. Machines for attaching ribbed strips progressively to margins of soles. 2,752,620, 7-3-56, Cl. 12-20.
- Clark, Alfred S., to United Shoe Machinery Corp. Shoe sewing machines. 2,773,461, 12-11-56, Cl. 112-47.
- Clark, Alfred S., to B. B. Chemical Co. Ribbed strips for shoe soles and methods of making the same. 2,774,699, 12-18-56, Cl. 154-53.6.
- Clark, Arnold F., to the United States of America as represented by the United States Atomic Energy Commission. Charge receptacles for use in ion source units. 2,736,810, 2-28-56, Cl. 250-41.9.
- Clark, Arthur B.: *See—*  
Clark, Margaret M. 2,769,746.
- Clark, Arthur V., to E. A. Clark. Ditcher coupling for tractors. 2,755,571, 7-24-56, Cl. 37-98.
- Clark, Austin N. Golf club head with weight adjustment. 2,757,194, 6-12-56, Cl. 273-171.
- Clark, E. W. Cultivator line coupling hitch. 2,755,725, 7-24-56, Cl. 97-198.1.
- Clark, Calvin M., to California Research Corp. Amplifier circuit. 2,747,028, 5-22-56, Cl. 179-171.
- Clark, Calvin M., and S. W. Martin, to California Research Corp. Methods and apparatus for oscilloscopically displaying a plurality of signals. 2,766,400, 10-9-56, Cl. 315-24.
- Clark, Charles J. Hydraulic power distribution valve. 2,729,241, 1-3-56, Cl. 137-621.
- Clark, Charles M. Twin-way pin safehead. 2,748,498, 6-5-56, Cl. 24-156.
- Clark Controller Co., The: *See—*  
Carlisle, Benjamin H. 2,733,393.  
Few, William. 2,769,130.  
Few, William, and Sauter. 2,744,230.  
Few, William, and Sauter. 2,759,139.  
Ranson, Lloyd R. 2,734,152.
- Clark, Cyrus J. Automatic pressure reducing cut off valve for fluid pressure line. 2,744,537, 5-8-56, Cl. 137-462.
- Clark, David M.: *See—*  
Flagg, John E., and Ruseckas. 2,762,047.  
Poole, Forrest R., and Clark. 2,760,198.
- Clark, Donald J., and M. S. Decker, Jr., to Surface Combustion Corp. Fuel burning and air heating apparatus. 2,775,238, 12-25-56, Cl. 126-116.
- Clark, Dwight B. Invalid's tongs. 2,761,723, 9-4-56, Cl. 294-28.
- Clark, Earl L., and C. O. Donley, to General Motors Corp. Bearing construction. 2,752,210, 6-26-56, Cl. 308-238.
- Clark, Edward. Storage battery plate separator. 2,759,039, 8-14-56, Cl. 136-148.
- Clark, Edward B., to General Electric Co. Bar hanger fixture for outlet boxes. 2,729,414, 1-3-56, Cl. 248-214.
- Clark, Elizabeth A.: *See—*  
Clark, Arthur V. 2,755,571.

## Clark Equipment Co.: See—

- Arnold, William H., and Cottrell. 2,746,560.  
 Boylan, Wendell E. 2,758,890.  
 Boylan, Wendell E., and Turner. 2,734,752.  
 Brady, Joseph L. 2,753,065.  
 Brady, Joseph L. 2,772,800.  
 Brudi, Ronald A. 2,742,167.  
 Burrus, Robert E. 2,773,613.  
 Davis, George. 2,767,817.  
 Dunham, Elmer J. 2,749,449.  
 Dunham, Elmer J., and Gunning. 2,762,443.  
 Ferro, Donald E. 2,754,986.  
 Gardner, Richard H. 2,762,444.  
 Lapsley, Robert. 2,737,404.  
 Lapsley, Robert. 2,751,846.  
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 Sherriff, Fred. 2,750,060.  
 Snyder, William W. 2,757,994.  
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 Torrence, Miller W. 2,748,963.  
 Wight, Delano, and Brady. 2,760,661.  
 Williams, Alfred O. 2,737,127.  
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 Clark, Ernest L.: See—  
 Wiley, Bruce F., and Clark. 2,741,416.  
 Clark, Eugene F., and J. R. Little, Jr., to The B. F. Goodrich Co. Knitting machine. 2,759,344, 8-21-56, Cl. 66-84.  
 Clark, Franklin: See—  
 Anderson, William T., Jr., and Clark. 2,732,513.  
 Clark, George M.: See—  
 Arterbury, Bryant P., and Clark. 2,740,481.  
 Clark, Georgina B. Scouring pad holders. 2,753,581, 7-10-56, Cl. 15-209.  
 Clark, Harold A., to Dow Corning Corp. Salts of organosil-nols. 2,732,390, 1-24-56, Cl. 260-448.2.  
 Clark, Harold A., to Dow Corning Corp. Stabilized organo-silicon compositions. 2,755,261, 7-17-56, Cl. 260-29.1.  
 Clark, Harold A., to Dow Corning Corp. Vinyl silicon compound and method of application to glass fibers. 2,762,717, 9-1-56, Cl. 152-152.  
 Clark, Harold S. Hardness testing devices. 2,752,779, 7-3-56, Cl. 73-83.  
 Clark, Harry I.: See—  
 Clark, Harry I., Jr. 2,738,542.  
 Clark, Harry I., Jr., to E. L. Clark. Shock absorbing caster. 2,758,542, 3-20-56, Cl. 16-44.  
 Clark, Howard L., and R. P. Washburn, to General Electric Co. Electrical bridge. 2,758,274, 8-7-56, Cl. 323-75.  
 Clark, Howard M., Jr.: See—  
 Parkes, Ralph C., and Clark. 2,762,470.  
 Clark, Ivan, to Clark Mfg. Co. Collapsible armrests for automobile seat cushions and the like. 2,771,123, 11-20-56, Cl. 155-112.  
 Clark, Ivan, Mfg. Co.: See—  
 Clark, Ivan F. 2,771,123.  
 Clark, James D'A. Wood pulping process. 2,735,762, 2-21-56, Cl. 92-6.  
 Clark, James D'A., to A. B. Dick Co. Apparatus for forming fibrous structures. 2,748,429, 6-5-56, Cl. 19-156.  
 Clark, James D'A., to A. B. Dick Co. Method and apparatus for removing dense from lighter material. 2,751,633, 6-19-56, Cl. 156-156.  
 Clark, James D'A. Method and apparatus for treating boards molded of fibrous material. 2,754,540, 7-17-56, Cl. 18-1.  
 Clark, James D'A., to Changewood Corp. Crosscut fiber and method for its preparation. 2,773,789, 12-11-56, Cl. 154-45.9.  
 Clark, James D'A., to Changewood Corp. Hard molded board. 2,773,790, 12-11-56, Cl. 154-45.9.  
 Clark, James D'A., and R. D. Lambert, to Changewood Corp. Apparatus and method for depositing fibrous elements in the manufacture of fibrous structures. 2,749,576, 6-12-56, Cl. 19-156.  
 Clark, James M., to Motorola, Inc. Squelch circuit. 2,770,721, 11-13-56, Cl. 250-20.  
 Clark, James R., to Carthage Machine Co. Controlled speed feed spout. 2,748,815, 6-5-56, Cl. 144-180.  
 Clark, James R., and A. F. Mittermaier, to General Electric Co. Inductive device. 2,741,523, 4-10-56, Cl. 336-98.  
 Clark, Joe H., and J. P. English, to American Cyanamid Co. 1,4-naphthoquinonimine compounds and methods of preparing the same. 2,769,821, 11-6-56, Cl. 260-396.  
 Clark, Joel: See—  
 Osterberg, Samuel O. 2,764,152.  
 Clark, John, Jr., to Olin Mathieson Chemical Corp. Exhaust device. 2,772,625, 12-4-56, Cl. 98-115.  
 Clark, John C., to Harnischfeger Corp. Elevating loader. 2,756,521, 7-31-56, Cl. 37-110.  
 Clark, John D., to Olin Mathieson Chemical Corp. Propellant. 2,771,035, 11-20-56, Cl. 102-98.  
 Clark, John D., and R. C. McKenney, to Olin Mathieson Chemical Corp. Explosive loading. 2,751,810, 6-26-56, Cl. 86-20.  
 Clark, John F.: See—  
 Martin, William J., and Clark. 2,740,421.  
 Clark, John J.: See—  
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 Clark, John M., to Studebaker-Packard Corp. Transmission fluid. 2,751,355, 6-19-56, Cl. 252-75.  
 Clark, John P. Fishing lure retriever. 2,764,833, 10-2-56, Cl. 43-17.2.

## Clark, John R.: See—

- White, William E., and Clark. 2,770,359.  
 White, William E., and Clark. 2,771,989.  
 Clark, Joseph C. Venetian blinds. 2,730,171, 1-10-56, Cl. 160-167.  
 Clark, Joseph C., to Atlas Instrument Co. Twenty-four hour clock with exposed numerals for time divisions. 2,748,560, 6-5-56, Cl. 58-125.  
 Clark, Kendall, to General Electric Co. Control circuits for automatic washing machines. 2,752,769, 7-3-56, Cl. 68-12.  
 Clark, Kendall, to General Electric Co. Centrifugal clutch. 2,762,483, 9-11-56, Cl. 192-105.  
 Clark, Lancaster P., Jr., to Clark Metal Products, Inc. Universal ball and socket joint. 2,771,309, 11-20-56, Cl. 28-169.  
 Clark, Leonard J., to The British Thomson-Houston Co. Ltd. Dynamo electric machines. 2,761,081, 8-28-56, Cl. 310-159.  
 Clark, Lester L., to F. L. Larson. Exercising machine. 2,756,743, 7-31-56, Cl. 128-25.  
 Clark, Margaret M.,  $\frac{1}{2}$  to A. E. Clark. Mono-hydroxycyclo-alkane and ortho boric acid mixture ointment-like composition. 2,769,746, 11-6-56, Cl. 167-63.  
 Clark Metal Products, Inc.: See—  
 Clark, Lancaster P., Jr. 2,771,309.  
 Clark, Lester L., Jr. Shoe construction. 2,751,691, 6-26-56, Cl. 36-1.  
 Clark, Paul A., to Industrial Equipment Co. Doors. 2,738,839, 3-20-56, Cl. 160-229.  
 Clark, Peter H. Apparatus for making and separating envelopes and other containers. 2,730,852, 1-17-56, Cl. 53-8.  
 Clark, Peter H. Rotary forming, sealing, and cutting apparatus for containers. 2,770,936, 11-20-56, Cl. 53-180.  
 Clark, Philip B.: See—  
 Atwood, Joseph G., and Clark. 2,752,479.  
 Clark, Philip B., to McGraw Electric Co. Contact or runway light. 2,752,478, 6-26-56, Cl. 240-1.2.  
 Clark, Philip B., to McGraw Electric Co. Lighting fixture. 2,764,671, 9-25-56, Cl. 240-1.2.  
 Clark, Philip B., and J. G. Atwood, to McGraw Electric Co. Light projector. 2,773,173, 12-4-56, Cl. 240-1.2.  
 Clark, Preston E., to Pan American Pipe Line Co. Tamper-proof seal for bottle closure. 2,772,014, 11-27-56, Cl. 215-82.  
 Clark, Richard U. Hermetically sealed electric terminal. 2,774,812, 12-18-56, Cl. 174-153.  
 Clark, Robert, and J. Molnar, to United States Steel Corp. Rollable with pivoted sweep arms. 2,756,870, 7-31-56, Cl. 198-218.  
 Clark, Robert, and W. H. Johns, to United States Steel Corp. Conditioning device for bundles of coiled material. 2,771,176, 11-20-56, Cl. 198-29.  
 Clark, Robert L., to Q. Spac, Inc. Plug anti-seize applicator. 2,753,839, 7-10-56, Cl. 118-410.  
 Clark, Robert L., to Merck & Co., Inc. N-substituted dihydro-deoxynormorphine compounds. 2,741,611, 4-10-56, Cl. 260-285.  
 Clark, Robert L., to Merck & Co., Inc. N-substituted dihydro-normorphine compounds. 2,741,612, 4-10-56, Cl. 260-285.  
 Clark, Robert L., to Merck & Co., Inc. N-substituted dihydro-normorphine compounds. 2,741,613, 4-10-56, Cl. 260-285.  
 Clark, Robert L., to Merck & Co., Inc. N-isobutylmorphine compounds. 2,741,614, 4-10-56, Cl. 260-285.  
 Clark, Robert L., to Merck & Co., Inc. N-substituted dihydro-deoxynorcocodeine compounds. 2,741,615, 4-10-56, Cl. 260-285.  
 Clark, Robert L., to Merck & Co., Inc. N-substituted dihydro-norcocodeine compounds. 2,741,617, 4-10-56, Cl. 260-285.  
 Clark, Robert L., and K. Pfister III, to Merck & Co., Inc. N-substituted deoxynorcocodeine compounds. 2,741,610, 4-10-56, Cl. 260-285.  
 Clark, Robert L., and K. Pfister III, to Merck & Co., Inc. N-substituted deoxynormorphine compounds. 2,741,616, 4-10-56, Cl. 260-285.  
 Clark, Roscoe C., Jr., to Stanolind Oil and Gas Co. Sand consolidation. 2,770,306, 11-13-56, Cl. 166-33.  
 Clark, Shirley E. Device for guiding cutting torches. 2,743,101, 4-24-56, Cl. 266-23.  
 Clark, Sidney B., to Cherry-Burrell Corp. Pressure operated valve. 2,756,772, 7-31-56, Cl. 137-506.  
 Clark, Stanley M., to The Firestone Tire & Rubber Co. Valve. 2,731,061, 1-17-56, Cl. 152-341.  
 Clark, Thomas F., to the United States of America as represented by the Secretary of Agriculture. Agricultural residue diversives. 2,753,138, 1-31-56, Cl. 51-803.  
 Clark, Vernon S., to Safeway Heat Elements, Inc. Heating element. 2,744,996, 5-8-56, Cl. 219-46.  
 Clark & Vicario Corp.: See—  
 Smith, James A., and Lyons. 2,751,031.  
 Clark, Walter, and H. B. Cowden, to Eastman Kodak Co. Lithographic offset printing process. 2,763,553, 9-18-56, Cl. 95-3.4.  
 Clark, William H., Jr.: See—  
 Quinn, Paul J., and Clark. 2,738,183.  
 Clark, William H., Jr., to Curtiss-Wright Corp. Speed control mechanism. 2,771,286, 11-20-56, Cl. 264-5.  
 Clark, William H., Jr., to Curtiss-Wright Corp. Electrical speed control system. 2,775,724, 12-25-56, Cl. 317-5.  
 Clark, William J. Window closer. 2,759,725, 8-21-56, Cl. 268-123.



- Clark, William J. Rain detector element. 2,769,872, 11-6-56, Cl. 200—81.03.
- Clark, William J., and J. J. Devery, to Philco Corp. Door mounting and latching means. 2,745,132, 5-15-56, Cl. 16—147.
- Clark, William J., and L. J. Hexel, to Chrysler Corp. Combustion automatic oil lamp and fuel tank inlet. 2,765,179, 10-2-56, Cl. 280—152.
- Clark, William R., and F. Hinkson. Mixing device. 2,736,535, 2-28-56, Cl. 259—102.
- Clarke, Allen S., to the United States of America as represented by the Secretary of War. Rocket generator power supply. 2,753,737, 7-24-56, Cl. 102—70.2.
- Clarke, Charles B., and L. Edwards. Apparatus for disassembling a hydraulic valve lifter. 2,754,574, 7-17-56, Cl. 29—213.
- Clarke, Charles H. Vise having jaw supports rotatable as a unit about plural axes. 2,750,825, 6-19-56, Cl. 81—41.
- Clarke, Clement S. Internal combustion engine. 2,737,936, 3-13-56, Cl. 123—119.
- Clarke & Courts Investment Co. *See—*  
Kavanaugh, Floyd J. 2,760,823.
- Clarke, Edmund C. Drill grinding fixture. 2,768,485, 10-30-56, Cl. 51—219.
- Clarke, Eugene C., and H. A. Weyer, to Chambersburg Engineering Co. Fluid-pressure-actuated apparatus. 2,729,943, 1-10-56, Cl. 60—97.
- Clarke, Eugene C., and H. A. Weyer, to Chambersburg Engineering Co. Compression device. 2,742,802, 4-24-56, Cl. 78—20.
- Clarke, Evans L., and W. A. Downey, to J. I. Case Co. Flexible hitch for rear mounted implements. 2,765,723, 10-9-56, Cl. 97—47.65.
- Clarke, Ford K. *See—*  
McCotter, James D., Jr., Schmitz, Clarke, and McMahon. 2,753,475.
- Clarke, Graham M., to The M-O Valve Co. Ltd. Electrical amplifying devices. 2,760,112, 8-21-56, Cl. 315—39.3.
- Clarke, Houghton W., 99% to Mealpack Corp. Container toggle clamp. 2,739,003, 3-20-56, Cl. 292—247.
- Clarke, Houghton W., to Mealpack Corp. Sealed separable food container. 2,750,064, 6-12-56, Cl. 220—4.
- Clarke, Houghton W., 99% to Mealpack Corp. Method of transporting and storing prepared foods. 2,767,100, 10-16-56, Cl. 99—171.
- Clarke, James A. *See—*  
Wienhenny, William F., Baker, and Clarke. 2,772,143.
- Clarke, James H. *See—*  
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- Clarke, James H., and J. Godfrey, to Elliot Equipment Ltd. Protective clothing. 2,728,916, 1-3-56, Cl. 2—82.
- Clarke, James H., and J. Godfrey. Container for inflatable balloons. 2,752,977, 7-2-56, Cl. 150—32.
- Clarke, John T., to Ionics, Inc. Method of manufacturing electrically conductive membranes and the like. 2,730,768, 1-17-56, Cl. 18—58.
- Clarke, John T., to Ionics, Inc. Electrically conductive membranes and the like comprising copolymers of divinyl benzene and olefinic carboxylic compounds. 2,731,408, 1-17-56, Cl. 204—151.
- Clarke, John T., to Ionics, Inc. Electrically conductive membranes and the like comprising the sulfonated polymerizates of polyvinyl aryl compounds. 2,731,411, 1-17-56, Cl. 204—150.
- Clarke, John T., to Ionics, Inc. Polyelectrolytes comprising copolymers of vinyl aromatic compounds and compounds containing alkyl vinyl pyridinium. 2,732,350, 1-24-56, Cl. 260—21.
- Clarke, John T., to Ionics, Inc. N-alkylated copolymers of vinyl pyridine and polyvinyl aromatic compounds and the product obtained thereby. 2,732,351, 1-24-56, Cl. 260—21.
- Clarke, John T., to Ionics, Inc. Cation exchange membranes comprising condensation polymers of sulfonated alkyl aryl ethers. 2,756,202, 7-24-56, Cl. 204—151.
- Clarke, John T., and S. N. Hall, to Ethyl Corp. Manufacture of benzene hexachloride. 2,729,603, 1-3-56, Cl. 204—163.
- Clarke, John T., and H. J. Cragg, to Ethyl Corp. Treatment of benzene hexachloride. 2,773,102, 12-4-56, Cl. 260—648.
- Clarke, Leo C. *See—*  
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- Clarke, Leslie J., and C. E. Bratby & Hinchliffe Ltd. Process of and apparatus for the filling of containers. 2,743,047, 4-24-56, Cl. 226—115.
- Clarke, Leslie J. Apparatus for wet processing textile materials. 2,758,463, 8-14-56, Cl. 68—475.
- Clarke, Michael E., and L. H. B. Knox, to D. Napier & Son Ltd. Electrical condensers. 2,740,077, 3-27-56, Cl. 317—245.
- Clarke, Ralph W., to Double Envelope Corp. Photographic print folder. 2,771,238, 11-20-56, Cl. 229—87.
- Clarke, Wallace G., and W. G. Drautz. Crystal violet composition. 2,752,255, 6-26-56, Cl. 106—145.
- Clarke, Walter W. H., and C. A. Mann, to British Insulated Callender's Cables Ltd. Electric resistors. 2,748,234, 5-29-56, Cl. 201—73.
- Clarke, William. Oiling attachment for hinges. 2,750,620, 6-19-56, Cl. 16—161.
- Clarke, William, G. H. Keats, R. Thornton, and C. Wood, to Imperial Chemical Industries Ltd. Acid stabilized isothionium dyes. 2,768,171, 10-23-56, Cl. 260—314.5.
- Clarke, William A. *See—*  
Fox, Douglas P. H., and Clarke. 2,731,186.
- Clarke, William B., S. L. Hunter, and F. Santucci, to Rockwell Spring and Axle Co. Feeding apparatus. 2,761,507, 9-4-56, Cl. 164—88.
- Clarke, William C., Jr. *See—*  
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Bloom, Fredrick K., and Clarke. 2,775,520.
- Clarke, William C., Jr., to Armo Steel Corp. Internal combustion engine valves and the like. 2,745,777, 5-15-56, Cl. 19—81.
- Clarke, William C., Jr., to Armo Steel Corp. High temperature stainless steel. 2,758,025, 8-7-56, Cl. 75—128.
- Clarke, William J. P. *See—*  
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- Clarke, William W., C. C. Stevens, H. Bauer, H. Jarvis, Jr., and J. Heller, to Universal Winding Co. Coil winding machine. 2,742,238, 4-17-56, Cl. 242—9.
- Clarkson, Alick, to Vapor Heating Corp. Precipitating scale forming constituents from water by heat. 2,775,555, 12-25-56, Cl. 210—15.
- Clarkson, Alick, and D. W. Miller, 1/2 to Vapor Heating Corp. Automatic control system for boiler or steam generator. 2,751,894, 6-26-56, Cl. 122—448.
- Clarkson, Ralph E., and T. W. van Wilgen, to Olin Mathieson Chemical Corp. Firearm with aluminum barrel and receiver. 2,736,117, 2-28-56, Cl. 42—75.
- Clarkson, Ralph E., and T. W. van Wilgen, to Olin Mathieson Chemical Corp. Firearm with chamber member removably connected to receiver. 2,736,118, 2-28-56, Cl. 42—75.
- Clarkson, Ralph E., and T. W. van Wilgen, to Olin Mathieson Chemical Corp. Firearm having chamber member integral with receiver. 2,736,119, 2-28-56, Cl. 42—75.
- Clarkson, Robert J., to United States Rubber Co. Method of and apparatus for forming precision wound yarn packages. 2,729,051, 1-3-56, Cl. 57—58.3.
- Clarkson, Robert J., to United States Rubber Co. Apparatus for making elastic yarn. 2,737,773, 3-13-56, Cl. 57—3.
- Clarkson, Robert J., to United States Rubber Co. Holder for yarn packages. 2,761,632, 9-4-56, Cl. 242—130.
- Claroast Mfg. Co., Inc. *See—*  
Gintovt, Henry. 2,758,180.  
Gintovt, Henry. 2,769,073.
- Mucher, George J. Re. 2,741,218.
- Mucher, George J. 2,737,560.
- Mucher, George J. 2,744,777.
- Mucher, George J. 2,758,182.
- Mucher, George J. 2,767,271.
- Zarrillo, Salvatore N. 2,757,264.
- Clary, Corp. *See—*  
Boydson, Robert E., Collison, Oldenburg, and Schwend. 2,757,862.
- Busch, Richard E., O'Connor, and Scozzafava. 2,744,682.
- Collison, William F., and Schwend. 2,772,048.
- Drake, Edward P. 2,741,427.
- Harder, Edgar J., Johnhar, and Stansell. 2,772,558.
- Gearheart, John D., and Scozzafava. 2,744,605.
- Golemon, Valia S. 2,741,426.
- Lindesmith, John L. 2,770,415.
- Lindesmith, John L., and Drake. 2,761,620.
- Schwend, Fred N. 2,767,907.
- Clary, Frank A., Jr. *See—*  
Russell, Arthur G., Clary, Casey, and Dallan. 2,733,442.
- Russell, Arthur G., Clary, Casey, and Dallan. 2,733,564.
- Clary, Frank A., Jr., and G. N. Willis, to Pittsburgh Steel Co. Nail making machine. 2,767,411, 10-23-56, Cl. 10—49.
- Clary, Paul J. *See—*  
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- Clasen, Claus J., to American Steel Foundries. Changeable gauge railway truck. 2,744,473, 5-8-56, Cl. 105—178.
- Clasen, Claus J. W. *See—*  
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- Clasen, Hermann, and A. Kahles, to Metallgesellschaft, A. G. Method of producing polyorgano-siloxanes. 2,757,189, 7-31-56, Cl. 260—448.2.
- Clason, Bertil H., to General Motors Corp. Thermostatic switch. 2,750,475, 6-12-56, Cl. 200—138.
- Clatof, Alfred, G. Lemoine, and A. Segal, to Societe d'Exploitation des Evreux C L S. Metal extrusion lubricating composition. 2,757,138, 7-31-56, Cl. 252—12.6.
- Claude, Andre, and P. Lemaigre-Voreaux, to Societe Anonyme pour les Applications de l'Electricite et des Gaz Rares-Etablissements Claude-Paz & Silva. Emissive electrode for electric discharge apparatus. 2,753,615, 7-10-56, Cl. 29—172.
- Claudi-Magnussen, Finn, and A. J. Martinelli, to General Aniline & Film Corp. Soil conditioning agents. 2,759,902, 8-21-56, Cl. 260—27.
- Claud-Mantle, Arthur, to The Bassick Co. Lid fastener. 2,751,246, 6-19-56, Cl. 292—11.5.
- Clausen, Andrew J. Pull-type spreader with means for coupling to a dump truck. 2,742,304, 4-17-56, Cl. 280—460.
- Clausen, Carl H., to Atvidabergs Sparvaxlar & Signalfabriks A. B. Lubricant distributor. 2,758,673, 8-14-56, Cl. 184—7.
- Clausen, Harold C. *See—*  
Bone, Herbert L., and Clausen. 2,730,584.
- Clausen, Howard F. *See—*  
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- Clausen Iron Co., Inc. *See—*  
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- Clausing, Henry C., to Vulkan. Toe finishing machine for lasts. 2,735,460, 2-21-56, Cl. 144—134.
- Clauson-Kaas, Niels K. F. W., to A/S Sadolin & Holmblad. 2,5-dialkoxo-3,4-dihydroxytetrahydrofurans and their hydrolyses, and methods of producing them. 2,748,147, 5-29-56, Cl. 260—347.4.
- Clauson-Kaas, Niels K. F. W., to Kemisk Vaerk Koge A/S. Production of unsaturated 1,4-dicarbonyl compounds. 2,750,418, 6-12-56, Cl. 260—601.

- Clauson-Kaas, Niels K. F. W., to A/S Sadolin & Holmblad. Lower alkyl 2,5 di(lower alkoxy)-2-tetrahydrofuryl acetate and process for preparing same. 2,757,181, 7-31-56, Cl. 260—347.5.
- Clauson-Kaas, Niels K. F. W., Elming, and J. T. Nielsen, to A/S Sadolin & Holmblad. Derivatives of n-hydroxy pyridones and process of production. 2,748,142, 5-29-56, Cl. 260—297.
- Clauss, Emil: *See*—Schumann, Herbert, and Clauss. 2,733,676.
- Clauss, Robert W. Flat bodied projectiles and means for directionally controlled projection thereof. 2,742,889, 4-24-56, Cl. 124—26.
- Claussen, William D., and R. R. Martin. Tractor trailer safety coupling. 2,733,988, 3-20-56, Cl. 280—432.
- Clavel, Thomas W., to Fairchild Engine and Airplane Corp. Auxiliary seal and support for a shaft within a housing. 2,747,901, 5-29-56, Cl. 286—11.
- Clavier, André G., and D. L. Thomas, to International Standard Electric Corp. Filter for transmission line. 2,730,866, 2-28-56, Cl. 338—73.
- Clavier, André G., and D. L. Thomas, to International Standard Electric Corp. Surface wave transmission line. 2,770,783, 11-13-56, Cl. 333—95.
- Clay-Adams, Inc.: *See*—Davidson, Emil, and Gilman. 2,739,759.
- Clay, Edward B., and A. J. D'Angelo, to Smith, Kline & French Laboratories. Aluminated table coating apparatus. 2,736,288, 2-28-56, Cl. 118—19.
- Clay, John P., to The Board of Higher Education (Hunter College). Method of producing alkyl phosphonyl dihalides. 2,771,132, 5-1-56, Cl. 260—543.
- Clay, Stanley B., to Great Lakes Products, Inc. Fishing reel. 2,746,695, 5-22-56, Cl. 242—84.5.
- Claybourn, Carlton C.: *See*—Claybourn, Leslie W., and C. C. 2,766,985.
- Claybourn, Glen L., to Westinghouse Electric Corp. Metal-clad switchgear. 2,760,020, 8-21-56, Cl. 200—50.
- Claybourn, Leslie W., and C. C. Sheet transfer mechanism. 2,766,985, 10-16-56, Cl. 271—51.
- Claybrook, Arthur W. Fish lure. 2,765,569, 10-9-56, Cl. 43—42.6.
- Clayden, David O.: *See*—Newman, Edward A., and Clayden. 2,740,906.
- Clayden, Edward A., and Clayden. 2,749,496.
- Clayden, Edward A., and Clayden. 2,750,499.
- Clayden, Ronald T., to Electric & Musical Industries Ltd. Nonlinear electrical control circuits. 2,731,557, 1-17-56, Cl. 300—27.
- Claydon, John M., to Connecticut Bandage Mills, Inc. Foam rubber sheet material. 2,735,426, 2-21-56, Cl. 128—156.
- Clayson, Donald H. F., to J. Lyons & Co. Ltd. Production of bacterial enzyme preparations and the cultivation of micro-organisms of industrial and nutritional value. 2,770,575, 11-2-56, Cl. 198—116.
- Clayton, Alfred B.: *See*—Mulberger, Francis A., and Clayton. 2,773,541.
- Clayton, Anderson & Co.: *See*—Sinclair, Stuart W. 2,746,630.
- Clayton, Benjamin: *See*—Chasanov, Martin G., Kunin, Mattikow, and Thurman. 2,771,480.
- Perlman, David, and Mattikow. 2,746,957.
- Thurman, Benjamin H. 2,759,957.
- Clayton, Benjamin. Process for recovering valuable products for gums or soapstock. 2,758,122, 8-7-56, Cl. 260—397.25.
- Clayton, Benjamin. Purification of glyceride oils. 2,768,827, 11-6-56, Cl. 260—425.
- Clayton, David P., to General Motors Corp. Fastening device. 2,733,336, 1-31-56, Cl. 240—41.5.
- Clayton, David P., and G. W. Onksen, to General Motors Corp. Switch. 2,748,207, 5-29-56, Cl. 200—16.
- Clayton Dewandre Co. Ltd.: *See*—Edge, Stanley H. 2,749,048.
- Edge, Stanley H., Heacock, and Young. 2,730,075.
- Edge, Stanley H., Heacock, and Young. 2,737,021.
- Edge, Stanley H., and Sams. 2,739,671.
- Clayton, James O.: *See*—Jensen, Warren, and Clayton. 2,772,308.
- Clayton, Joseph F., to Bendix Aviation Corp. Pulse forming circuit. 2,739,233, 3-20-56, Cl. 250—27.
- Clayton Mfg. Co.: *See*—Arant, Perry. 2,755,130.
- Cline, Edwin L. 2,749,289.
- Cline, Edwin L. 2,749,747.
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- Clayton, Robert E., Jr., to Esso Research and Engineering Co. Oxycresyl camphene as a light stabilizer for copolymer of isobutylene and styrene. 2,752,326, 6-26-56, Cl. 260—45.95.
- Clayton, Temple: *See*—Gould, David H., Hershberg, and Clayton. 2,774,713.
- Cleatfield Cheese Co.: *See*—Nawrocki, Arnold N. 2,759,308.
- Cleaveland, Burton L., A. Englert, and G. A. Larson, to Sylvania Electric Products, Inc. Article handling device. 2,744,372, 5-8-56, Cl. 53—246.
- Cleaver, Arthur V.: *See*—Halford, Frank B., Cleaver, and Dove. 2,742,921.
- Halford, Frank B., Cleaver, and Dove. 2,762,126.
- Cleaver, Charles S., M. Crest, and M. W. Farlow, to E. I. du Pont de Nemours and Co. Process of reacting a halogen, fluorine compound and carbon at temperatures above 1500° C. 2,757,212, 7-31-56, Cl. 260—653.
- Cleaver, Henry P., to Vogue Dolls, Inc. Doll with removable head. 2,756,540, 7-31-56, Cl. 46—164.
- Cleckner, Howard R. Aerator. 2,772,867, 12-4-56, Cl. 261—77.
- Cleek, Paul L. Hair strand curler. 2,743,731, 5-1-56, Cl. 132—42.
- Clegg, Carlton. Domestic wringing machines. 2,742,774, 4-24-56, Cl. 68—263.
- Clegg, William J.: *See*—Hagemeyer, Hugh J., Jr., and Clegg. 2,763,697.
- Cleif, John E.: *See*—Galbraith, Alexander, and Cleif. 2,755,729.
- Cleif, Joseph A., to Aluminum Bronze Co. Ltd. Safety device of and for power-driven wringers. 2,734,370, 2-14-56, Cl. 68—249.
- Clem, John B. Building wall structure. 2,739,364, 3-28-56, Cl. 25—131.
- Clemas, Casimer A. Sportsman's accessories. 2,747,315, 5-29-56, Cl. 43—3.
- Clemence, Le Roy W., and H. J. Eichel, to Abbott Laboratories. Thiophene-2-carboxaldehyde thiosimicarbazono and certain substitution derivatives. 2,746,972, 5-22-56, Cl. 260—329.
- Clemens, Clarence M.: *See*—Earp, James F., and Clemens. 2,750,721.
- Clemens, Guenther W., to Esso Research and Engineering Co. Method and apparatus for the production of a mixture of a fuel and a liquid addition, for example oil. 2,754,837, 7-17-56, Cl. 137—3.
- Clemens, John E.: *See*—Orthuber, Richard K., Clemens, and Johnstone. 2,733,501.
- Orthuber, Richard K., Clemens, and Johnstone. 2,749,598.
- Clemens, John E., and B. B. Johnstone, to the United States of America as represented by the Secretary of the Air Force. Interferometer light system. 2,764,055, 9-25-56, Cl. 88—14.
- Clemens, John E., and B. B. Johnstone. Non-poisoning mass spectrometer. 2,770,735, 11-13-56, Cl. 250—41.9.
- Clemens, Ludwig. Apparatus for the simultaneous cutting of thick layers of packing material into longitudinal strips. 2,755,856, 7-21-56, Cl. 164—35.
- Clemens, Ludwig. Method and apparatus for bundling corrugated cardboard blanks. 2,771,935, 11-27-56, Cl. 154—1.6.
- Clement, Frank L.: *See*—Clement, Frank L., and Clement. 2,775,480.
- Clement, Henry W. Female urinal. 2,731,648, 1-24-56, Cl. 4—110.
- Clemente, Agostino,  $\frac{1}{2}$  to P. Dippolito,  $\frac{1}{2}$  to J. D. Conti,  $\frac{1}{2}$  to E. M. Farris, and  $\frac{1}{2}$  to M. A. Rabkin. Tear tab machine. 2,757,584, 8-7-56, Cl. 93—1.
- Clemente, Agostino, and P. D'Ipollito. Machines for producing a composite sheet material. 2,768,561, 10-30-56, Cl. 93—1.
- Clements, Charles A. Cooling system for liquids. 2,746,271, 5-22-56, Cl. 62—141.
- Clements, Claude W., and W. P. Fanyo, to General Dynamics Corp. Calibrating apparatus. 2,758,469, 8-14-56, Cl. 73—1.
- Clements, Earl L. Wheel-actuated lubricating device with traveling injector. 2,754,932, 7-17-56, Cl. 184—15.
- Clements, Henry, to General Rubber Co. Ltd. Resilient rollers. 2,773,107, 8-21-56, Cl. 30—116.
- Clements, James D. Topping device for lawn mowers. 2,743,570, 5-1-56, Cl. 56—238.
- Clements, MacMillan: *See*—Gillet, Robert T. 2,766,370.
- Clements, MacMillan. Insulated roof and floor panel. 2,756,463, 7-31-56, Cl. 20—4.
- Clements, MacMillan. Building construction, including building panels forming part thereof. 2,756,464, 7-31-56, Cl. 20—15.
- Clements, MacMillan. Structural panel and method of making same. 2,757,116, 7-31-56, Cl. 154—118.
- Clements, Macmillan. Interlocking building structure, including building units and readily demountable connecting and stiffening means. 2,759,439, 8-21-56, Cl. 108—24.
- Clements, Roy J., to The Texas Co. Seismic detector. 2,759,888, 8-21-56, Cl. 30—17.
- Clemenzi, Dominick. Enclosed adjustable impact roof scraping machine. 2,749,103, 6-5-56, Cl. 262—13.
- Clemons, Herbert D., to Scovill Mfg. Co. Ball cock with silencer. 2,742,256, 4-17-56, Cl. 251—122.
- Cleunden, Robert B. Water system control switch. 2,741,677, 4-10-56, Cl. 200—83.
- Cleon Products, Inc.: *See*—Davies, Richard E. 2,739,267.
- Clermont Machine Co., Inc.: *See*—Surico, Carmine. 2,741,357.
- Cleveland, Carl S., Jr. Spinal clamp or splint. 2,774,350, 12-18-56, Cl. 8—92.
- Cleveland, Charles H. Knockdown toy glider. 2,739,414, 3-27-56, Cl. 46—17.
- Cleveland-Cliffs Iron Co., The: *See*—Erick, Louis J. 2,744,627.
- Cleveland Crane & Engineering Co., The: *See*—Anlesky, Alphonse F. 2,764,298.
- Dehn, Roy F. 2,759,582.
- Ward, William E. 2,741,353.
- Ward, William E. 2,759,583.
- Huntington, Alfred H. 2,731,158.



- Cleveland Frog & Crossing Co.: See—  
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- Cleveland, George A.: See—  
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- Cleveland Industrial Research, Inc.: See—  
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- Cleveland Instrument Co.: See—  
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- Cleveland Rock Drill Div., Westinghouse Air Brake Co.: See—  
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- Cleveland Steel Products Corp.: See—  
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- Cleveland Tapping Machine Co.: The: See—  
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- Cleveland Trust Co.: The: See—  
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- Cleveland Universal Jig Co.: The: See—  
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- Cleveland, William F.: Illuminated spinning toy. 2,739,419.  
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- Clevenger, Carl L.: See—  
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- Clevenger, Galen W.: To the United States of America as represented by the United States Atomic Energy Commission. Electrolytic process for recovering uranium compounds from carbonate leach liquors. 2,743,222, 4-24-56, Cl. 204-86.
- Clevenot, Louis-Charles. Method for producing glucoheptonic acid and its derivatives. 2,735,866, 2-21-56, Cl. 260-535.
- Clevery, Robert B.: To American Vitrifed Products Co. Plastic interlocking sealing means for sewer pipe joints. 2,770,476, 11-13-56, Cl. 285-231.
- Clevidence, Lewis G., and R. B. Crippen.  $\frac{1}{2}$  to said Clevidence,  $\frac{1}{2}$  to said Crippen, and  $\frac{1}{2}$  to H. A. Barror. Marker light. 2,731,546, 1-17-56, Cl. 240-24.
- Clevier Corp.: See—  
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- Cliborn, Robert: See—  
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- Cliborn, Robert, to Thompson Products, Inc. Seal. 2,744,773, 5-8-56, Cl. 286-11.15.
- Cliborn, Robert, to Thompson Products, Inc. Seal. 2,749,156, 6-5-56, Cl. 286-11.
- Clifford, Albert M., S. W. Waisbrot, and G. H. Gates, to The Goodyear Tire & Rubber Co. Para tertiary butyl benzoyl azide. 2,764,599, 9-25-56, Cl. 260-349.
- Clifford, Cecil F. Mechanical oscillators. 2,743,614, 5-1-56, Cl. 74-1.5.
- Clifford, Cecil F. Magnetic escapement mechanism. 2,762,222, 9-11-56, Cl. 74-1.5.
- Clifford, David G.: See—  
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- Clifford, Emma D., and J. A. Pollock. Quick attachment sweep. 2,757,593, 8-7-56, Cl. 97-198.
- Clifford, George P., Jr.: See—  
Mila, Milton W., and Clifford. 2,755,018.
- Clifford, Hilda B. Shutter for egg carrier. 2,736,456, 2-28-56, Cl. 220-31.
- Clifford, Richard P., and S. D. Gehman, to The Goodyear Tire & Rubber Co. Device to record elongation under load. 2,756,590, 7-31-56, Cl. 73-89.
- Clifford, Warren E., and R. E. Burns, to the United States of America as represented by the United States Atomic Energy Commission. Precipitation process. 2,769,780, 11-6-56, Cl. 210-23.
- Clifford, Wilfred J., to The Fyr-Fyter Co. Foam-producing apparatus. 2,769,500, 11-6-56, Cl. 169-15.
- Clifton-Grant Development Corp.: See—  
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- Clifton, Walter L., Jr., to American Art Metals Co. Flush bolt. 2,750,218, 6-12-56, Cl. 292-140.
- Cline, Edward T., to E. I. du Pont de Nemours and Co. 2,763,520, 9-18-56, Cl. 311-6.
- Clinard, Glenn W. Grain measuring device for combine. 2,748,601, 6-5-56, Cl. 73-223.
- Cline, Earl E., to Mueller Co. Valves. 2,757,897, 8-7-56, Cl. 251-266.
- Cline, Edward T., to E. I. du Pont de Nemours and Co. Process of shrinking polyvinyl alcohol fibers and acetylizing with mixture of mono- and dialdehydes and product thereof. 2,749,208, 6-5-56, Cl. 8-115.5.
- Cline, Edward T., to E. I. du Pont de Nemours and Co. Hydroxy-octahydro aldehyde from dicyclopentenyl alcohol. 2,749,228, 6-5-56, Cl. 260-73.
- Cline, Edwin L.: See—  
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- Cline, Edwin L., to Clayton Mfg. Co. Engine performance indicating means for use with chassis dynamometers. 2,746,289, 5-22-56, Cl. 73-117.
- Cline, Edwin L., to Clayton Mfg. Co. Chassis dynamometer construction. 2,749,747, 6-12-56, Cl. 73-117.
- Cline, Edwin L., to Clayton Mfg. Co. Hydro-kinetic apparatus. 2,768,711, 10-30-56, Cl. 188-90.
- Cline Electric Mfg. Co.: See—  
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- Cline, Frank W. Unit for adjusting tracks of crawler type tractors. 2,758,889, 8-14-56, Cl. 305-9.
- Cline, Inez E. Projector for game pieces. 2,738,783, 3-20-56, Cl. 124-26.
- Cline, Robert S., to V. E. Anderson Mfg. Co. Jalousie operator. 2,767,673, 9-4-56, Cl. 268-23.
- Cline, Theodore B.: See—  
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- Cline, Theodore B. Knife head for sausage skinning machine. 2,757,410, 8-7-56, Cl. 17-1.
- Cline, William H., Jr., to Hughes Tool Co. Reciprocating press. 2,749,434, 12-18-56, Cl. 121-28.
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- Clingens, Ryal P.: See—  
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- Clingman, Paul E., to General Motors Corp. Sealing strip. 2,736,404, 2-28-56, Cl. 189-78.
- Clingman, Paul E., and L. C. Heimgartner, to General Motors Corp. Fixture for vulcanizing rubber sections. 2,738,826, 3-20-56, Cl. 154-12.
- Clingman, Paul E., to General Motors Corp. Resilient locking and sealing washer. 2,756,795, 7-31-56, Cl. 151-35.
- Clingman, Paul E., to General Motors Corp. Shipping spacer. 2,758,727, 8-14-56, Cl. 214-10.5.
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- Clingman, Paul E., to General Motors Corp. Sealing strips. 2,768,411, 10-30-56, Cl. 20-56.4.
- Clingman, Paul E., and G. W. Beck, to General Motors Corp. Connector strip. 2,763,345, 9-18-56, Cl. 189-78.
- Clinical Research Foundation: See—  
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- Clint, Roy E. Portable dry concentrator for ores. 2,752,041, 6-26-56, Cl. 209-475.
- Clinton Foods Inc.: See—  
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- Cloer, John W. Electrical system for automobiles. 2,764,699, 9-25-56, Cl. 307-10.
- Clogston, Albert M.: See—  
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- Clogston, Albert M., to the United States of America as represented by the Secretary of the Navy. Magnetic triode. 2,762,944, 9-11-56, Cl. 813-159.
- Closson, Albert M., to Bell Telephone Laboratories, Inc. Electrical conductors. 2,769,148, 10-30-56, Cl. 333-84.
- Clogston, Albert M., to Bell Telephone Laboratories, Inc. Composite antenna structure. 2,769,170, 10-30-56, Cl. 343-907.
- Cloherly, Desmond J.: *See—*
- Emblen, Harold G., Cloherly, and Hancock. 2,752,653.
- Cloonan, Robert L., to Gaylord Products, Inc. Rotary control device. 2,759,060, 8-14-56, Cl. 200-80.
- Clopay Corp.: *See—*
- Johnson, Samuel J. 2,750,631.
- Johnson, Samuel J., and Schroeder. 2,746,538.
- Clopton, John R., to Texas Research Foundation. Extraction of antioxidant from osage orange fruit. 2,752,314, 6-26-56, Cl. 252-398.
- Close, Warren J., to Abbott Laboratories. 3-benzyl hydantoin and process. 2,759,002, 8-14-56, Cl. 260-309.5.
- Closs, George F.: *See—*
- Chambers, Albert M., Jr., Closs, Fisher, and Milligan. 2,729,481.
- Closs, Karl P. Method for the detection of pathological quantities of protein in the urine. 2,734,802, 2-14-56, Cl. 2-230.
- Closson, Katherine W., and J. C. Boag, to Ethyl Corp. Stabilized organic compositions. 2,747,978, 5-29-56, Cl. 44-69.
- Closson, Rex D.: *See—*
- Liggett, Waldo B., Wolf, and Closson. 2,749,269.
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- Closson, Rex D., A. J. Kolka, and W. B. Liggett, to Ethyl Corp. Amine alkylation. 2,750,417, 6-12-56, Cl. 260-577.
- Closson, Rex D., A. J. Kolka, and W. B. Liggett, to Ethyl Corp. Ethylation of olefins. 2,751,026, 6-19-56, Cl. 260-683.15.
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- Clotar, Gilbert, to American Optical Co. Reflective optical projection systems. 2,749,801, 6-12-56, Cl. 88-57.
- Clothier, Leola A. Flux control apparatus. 2,732,470, 1-24-56, Cl. 219-8.
- Clothier, George D. Electric cables or other insulated electric conductors. 2,738,910, 3-20-56, Cl. 226-24.
- Clothier, George D. Electric cables or other insulated electric conductors. 2,742,214, 4-17-56, Cl. 226-24.
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- Cloud, Charles E., to W. S. Cloud. Constrictors. 2,746,225, 5-22-56, Cl. 53-370.
- Cloud, Ira C. Pin-up lamp device. 2,757,278, 7-31-56, Cl. 73-73.
- Cloud Packer & Tool, Inc.: *See—*
- Cloud, Robert E. 2,729,293.
- Cloud, Robert E., to Cloud Packer & Tool, Inc. High pressure casing packer. 2,729,293, 1-3-56, Cl. 166-118.
- Cloud, William S.: *See—*
- Cloud, Charles E. 2,746,225.
- Cloud, William S. Method and apparatus for making bags. 2,742,080, 4-17-56, Cl. 154-42.
- Cloudsley, John L. Fluid pressure relieving apparatus. 2,735,515, 2-21-56, Cl. 188-88.
- Clough, Gale V.: *See—*
- Figerman, Louis, and Clough. 2,747,346.
- Clough, Philip J., and J. H. Moore, to National Research Corp. Production of metals. 2,757,219, 7-31-56, Cl. 13-35.
- Clougherty, Leo B., and R. F. Mueller. Apparatus and method for coating multi-filament glass yarn. 2,763,563, 9-18-56, Cl. 137-7.
- Cloutier, Lucien A., to Metals & Controls Corp. Electrical terminal. 2,755,453, 7-17-56, Cl. 339-220.
- Clouzeau, Claude, and J. Etienne, to Societe "Rhodiacaeta". Spinnerets. 2,742,667, 4-24-56, Cl. 18-8.
- Clover, Leonard W. Reversible hinge. 2,748,420, 6-5-56, Cl. 16-170.
- Cloverleaf-Freeland Corp.: *See—*
- Burlein, Lester F. 2,763,444.
- Miller, William H. 2,762,575.
- Clow, James B., & Sons, Inc.: *See—*
- Kurtz, Ralph W. 2,738,231.
- Cluett Peabody & Co., Inc.: *See—*
- Cowles, Roderick J., and Ciannamea. 2,769,685.
- Donaldson, Harry C., Jr. 2,731,788.
- Jeffcock, George N., and Wagar. 2,769,178.
- Mercedes, Philip G., and Inamortero. 2,738,292.
- Wright, John H., and Inamortero. 2,738,292.
- Clugage, Robert G. High speed percussion type drill stem. 2,742,263, 4-17-56, Cl. 255-3.
- Clukey, Wayne H., to Kaiser Aluminum & Chemical Corp. Process of recovering cryolite, alumina, and other bath values. 2,732,283, 1-24-56, Cl. 23-88.
- Clune, Andrew G. Light reflector signal device. 2,759,396, 8-21-56, Cl. 88-81.
- Churman, Stanley P., and H. C. Ressler, to Faximile, Inc. Facsimile recorder. 2,743,989, 5-1-56, Cl. 346-74.
- Che, Henry H. Tank filling float valve structure. 2,767,551, 10-23-56, Cl. 62-1.
- Clute, Henry H. Fill valve for liquefied petroleum gas tanks. 2,767,552, 10-23-56, Cl. 62-1.
- Clutter, Carl E.: *See—*
- Dugie, Thomas E., Clutter, and Ait. 2,733,553.
- Clutz, Charles W.: *See—*
- Capstaf, John G., and Clutz. 2,747,478.
- Cluwen, Johannes M.: *See—*
- Kathenau, Gerhart W., Roosdorp, and Cluwen. 2,756,595.
- Cluwen, Johannes M., to Hartford National Bank and Trust Co., as trustee. Transistor amplifier circuit. 2,769,870, 11-6-56, Cl. 179-171.
- Clymer, Joseph D.: *See—*
- Wright, George W., Jauch, Clymer, Jackson, and Scheurer. 2,732,103.
- Coachcraft, Ltd.: *See—*
- Robert, Alan A., and Stoessel. 2,765,840.
- Coakley, Annie A., and J. E. L. Hair curling appliances. 2,730,109, 1-10-56, Cl. 132-41.
- Coakley, June E. L.: *See—*
- Coakley, Annie A., and J. E. L. 2,730,109.
- Coal Industry (Patents) Ltd.: *See—*
- Spiller, Clifford H. 2,740,526.
- Thompson, James S. 2,770,058.
- Coan, Abraham. Water supply valve for poultry watering troughs. 2,746,481, 5-22-56, Cl. 137-408.
- Coan, Stephen B.: *See—*
- Papa, Domenick, and Coan. 2,745,837.
- Coanda, Henri. Soil regeneration. 2,767,072, 10-16-56, Cl. 71-71.
- Coanda, Henri, to Sebac Nouvelle S. A. Means for the atomization of liquids. 2,770,501, 11-13-56, Cl. 299-140.
- Coanda, Henri, and M. H. Coanda, nee Lecca. Device for obtaining fresh drinkable water. 2,761,292, 9-4-56, Cl. 62-140.
- Coanda, Marguerite H., nee Lecca: *See—*
- Coanda, Henri, and M. H. 2,761,292.
- Coast Metals, Inc.: *See—*
- Cape, Arthur T. 2,743,177.
- Cape, Arthur T. 2,754,200.
- Cape, Arthur T. 2,755,183.
- Cape, Arthur T. 2,762,706.
- Cape, Arthur T., and Foerster. 2,757,084.
- Coast Paint and Chemical Co.: *See—*
- Mineah, Lawrence E. 2,768,405.
- Coast Pro-Seal & Mfg. Co.: *See—*
- Weaver, John L. 2,768,815.
- Coastal Commercial Corp.: *See—*
- Kleinerman, Ben. 2,773,416.
- Coates Board & Carton, Inc.: *See—*
- De Maria, Fred A. 2,765,100.
- Coates, Cecil C., and J. D. Jackson, to Royal Mfg. Co., Inc. Machine and method for making hollow articles. 2,750,624, 6-19-56, Cl. 18-5.
- Coates, Colin, C. H. Gray, and C. J. P. Small, to Westrex Co. Ltd., formerly Western Electric Co., Ltd. Electromagnetic transducer. 2,735,901, 2-21-56, Cl. 179-100.2.
- Coates, Harold, to Albright & Wilson Ltd. Manufacture of dialkyl aryl phosphates. 2,732,594, 1-24-56, Cl. 260-461.
- Coates, James N. Bi-metal strip mounting. 2,745,924, 5-15-56, Cl. 200-138.
- Coates, John F., J. H. Clarke, and J. Godfrey. Inflatable life rafts. 2,752,616, 7-3-56, Cl. 9-11.
- Coates, John M., to Medical Fabrics Co., Inc. Bandage for joint areas. 2,748,766, 6-5-56, Cl. 128-156.
- Coates, Kenneth B., to Imperial Chemical Industries Ltd. Stabilised sodium aluminate. 2,749,316, 6-5-56, Cl. 252-182.
- Coates, Neligh C., to Concrete Saw Co. Track mounted cutter for concrete slabs and the like. 2,736,311, 2-28-56, Cl. 125-14.
- Coates, Norman: *See—*
- Gilbert, Charles E. 2,734,177.
- Coates, Raymond W.: *See—*
- Gabrielson, Samuel I., and Coates. 2,729,963.
- Coates, Robert E., to Ingersoll-Rand Co. Rock drilling tool. 2,750,156, 6-12-56, Cl. 255-64.
- Coats & Clark Inc.: *See—*
- Camp, William M., and Eckhardt. 2,756,558.
- Morin, Louis H. 2,750,129.
- Morin, Louis H. 2,769,204.
- Morin, Louis H. 2,773,657.
- Morin, Louis H. 2,774,398.
- Volz, Richard R. 2,772,003.
- Cobb, Clifton A., to Penn Controls, Inc. Gas burner control. 2,731,080, 1-17-56, Cl. 15-333.
- Cobb, Clifton A., to Penn Controls, Inc. Pressure regulator and shut-off valve. 2,746,471, 5-22-56, Cl. 137-65.
- Cobb, J. Forrest, deceased; M. R. Cobb, executrix, to Moore Dry Kiln Co. of Oregon. Drier method for veneer. 2,758,386, 8-14-56, Cl. 34-31.
- Cobb, Leland D., to General Motors Corp. Bearings and lubrication therefor. 2,742,332, 4-17-56, Cl. 308-187.
- Cobb, Leland D., to General Motors Corp. Demountable closure. 2,764,433, 9-25-56, Cl. 286-5.
- Cobb, Miriam R.: *See—*
- Cobb, J. Forrest. 2,758,386.
- Cobb, Robert V.: *See—*
- Kooistra, Lambert F., and Cobb. 2,771,460.
- Coben, Melvin S., to Multi-Amp Corp. Electric test loading transformer. 2,735,979, 2-21-56, Cl. 323-2.
- Coben, William S., to The Firestone Tire & Rubber Co. Tubeless tire. 2,731,062, 1-17-56, Cl. 152-341.
- Coberly, Clarence J., to Kobe, Inc. Hydraulic flywheel. 2,743,581, 5-1-56, Cl. 60-51.
- Coberly, Clarence J., to Kobe, Inc. Apparatus for removing drilling mud from a well have a prepacked liner. 2,761,514, 9-4-56, Cl. 166-144.



- Coberly, Clarence J., to Kobe, Inc. Tubing system for fluid operated pumps. 2,768,840, 10-30-56, Cl. 284-1.
- Cobert, Arthur J. Electrical control mechanism. 2,731,572, 1-17-56, Cl. 307-112.
- Cobert, Arthur J. 50% to Beautiful Bryans, Inc. Yarn severing device for straight-bar knitting machines. 2,746,275, 5-22-56, Cl. 66-145.
- Cobey Corp., The: See—
- Barker, Eros V. 2,734,754.
- Cobine, James D., to See—
- Cook, Newell C., Cobine, and Wolfe. 2,768,061.
- Coble, Abram G., L. G. Hix, guardian of said A. G. Coble, incompetent. Smoker's pipe. 2,729,216, 1-3-56, Cl. 131-194.
- Coble, Abram G., L. G. Hix, guardian of the property of said A. G. Coble. Smoker's pipe. 2,746,459, 5-22-56, Cl. 131-214.
- Coblentz, Robert C. Air cooling system with recirculating passageway. 2,773,356, 12-11-56, Cl. 62-6.
- Coburn, Earl C. Awning. 2,749,580, 6-12-56, Cl. 20-57.5.
- Coburn, Orrin W. Cooling systems for lens grinders. 2,757,487, 7-56, Cl. 61-33.
- Coca-Cola Bottling Works Co., The: See—
- Pieschel, Walter L., and Radcliffe. 2,767,948.
- Coca-Cola Co., The: See—
- Fulton, John H. 2,763,413.
- Cochardt, Alexander V.: See—
- Hull, Frederick C., Brace, Comenetz, and Cochardt. 2,743,199.
- Cochran, Carl J., to Pittsburgh Plate Glass Co. Process and apparatus for continuous drying, washing and cutting of vinyl sheeting. 2,753,592, 7-10-56, Cl. 18-1.
- Cochran, Charles R. Pin curl clip. 2,736,324, 2-28-56, Cl. 132-52.
- Cochran, Charles W., and A. J. Lampert, to the United States of America as represented by the Secretary of the Army. Cartridge case basket. 2,755,956, 7-24-56, Cl. 220-19.
- Cochran, James J.: See—
- Adriansen, John R., and Cochran. 2,773,231.
- Cochran, John K., to The Duplan Corp. Apparatus for winding textile yarns. 2,735,015, 1-31-56, Cl. 242-35.5.
- Cochrane, Charles A., to Elliott-Brothers (London) Ltd. High frequency radio aerials. 2,736,895, 2-28-56, Cl. 343-756.
- Cochrane Corp.: See—
- Bookout, Ervin J., and Hutchison. 2,772,235.
- Sebald, Joseph F. 2,751,346.
- Cockburn, Donald: See—
- Rhee, Daniel, and Cockburn. 2,743,479.
- Coker Machine & Foundry Co.: See—
- Suggs, Thomas F. 2,734,253.
- Cockerell, Christopher S.: See—
- Rust, Noel M., and Cockerell. 2,748,385.
- Cockerell, Fritz, to Turbo A. G. Gas turbine drive for power plants. 2,765,610, 10-5-56, Cl. 60-13.
- Cockerham, Frank E., and J. A. Sullivan, to Thompson Products, Inc. Coaxial switch structure and method of making same. 2,747,059, 5-22-56, Cl. 200-166.
- Cockett, Sydney R., J. G. Evans, and G. Landells, to Bradford Dyeing Assn. Ltd. Water repellent treatment utilizing a methylhydrogen polysiloxane and a titanium compound. 2,774,690, 12-18-56, Cl. 11-135.5.
- Cockley, Marian S. Non-slip barrette. 2,767,721, 10-23-56, Cl. 132-48.
- Cocklin, Clinton T. Starting device for internal-combustion engine. 2,746,445, 5-22-56, Cl. 123-185.
- Cockrell, Richard W., Jr., N. Sullivan, and C. F. Wilkinson, to The Pyrene Co. Ltd. Means for the release of compressed fluids from containers. 2,736,459, 2-28-56, Cl. 220-89.
- Cockrell, Clifford M., to Freeport Sulphur Co. Pressurized heater for producing hot process water in large quantities from scale-forming water. 2,759,328, 8-21-56, Cl. 60-39.56.
- Cockrill, Huston W.: See—
- Wild, Norman R., and Cockrill. 2,729,786.
- Cocks, George G., and C. M. Schwartz, to The Battelle Development Corp. Microtone. 2,739,607, 3-27-56, Cl. 88-40.
- Cockshutt Farm Equipment Ltd.: See—
- Collier, Everett P. 2,744,617.
- Harper, Wesley A., and Felsman. 2,752,022.
- Rhodes, Cecil. 2,757,811.
- Cockness, George E., and Nelson. 2,768,567.
- Cocoon Processes Inc., The: See—
- Robledano, Pablo. 2,742,487.
- Codding, Donald W., to Minnesota Mining & Mfg. Co. Fluorocarbon vinyl ethers and polymers. 2,732,370, 1-24-56, Cl. 20-91.1.
- Codell, Maurice, and G. Norwitz, to the United States of America as represented by the Secretary of the Army. Determination of oxygen in titanium and titanium alloys. 2,731,330, 1-17-56, Cl. 22-230.
- Codlin, James B., to Tractomotive Corp. Liquid cleaner. 2,767,845, 10-23-56, Cl. 210-15.
- Cody, William P., and T. C. Wollan, to Alkyld Laboratories, Inc. Epoxy phenolic ethers in manufacture of oil-alkyds. 2,731,429, 1-17-56, Cl. 260-92.
- Coe, James R.: Fishing line attachment. 2,731,758, 1-24-56, Cl. 43-47.2.
- Coe, Lester C.: See—
- Kish, Steven P., and Coe. 2,733,221.
- Coe Mfg. Co., The: See—
- Holden, Arthur S., Jr. 2,767,485.
- Molyneux, Grover F. 2,766,786.
- Morris, Edward P. 2,757,920.
- Parker, Clarence E. 2,767,788.
- Coe, Merrill J., to Sutherland Paper Co. Display carton. 2,730,232, 1-10-56, Cl. 206-45.26.
- Coe, Milton L.: See—
- Kish, Steven P., and Coe. 2,733,221.
- Coe, Richard H., to Shell Development Co. Isomerization of hydrocarbons. 2,739,177, 3-20-56, Cl. 260-883.5.
- Coe, Richard H., to Shell Development Co. Desulfurization of phenols. 2,764,618, 9-25-56, Cl. 260-627.
- Coenders, Hans. Chain track vehicle in which special shoes are fitted on the track chains. 2,758,888, 8-14-56, Cl. 305-4.
- Coene, William G., to Eastman Kodak Co. Viscosimeter. 2,738,670, 3-20-56, Cl. 73-60.
- Coffey, Charles D., to Minneapolis-Honeywell Regulator Co. Combined manual and safety valve. 2,735,439, 2-21-56, Cl. 137-56.
- Coffey, Daniel R. Safety cigarette holder and container therefor. 2,764,164, 9-25-56, Cl. 131-175.
- Coffey, Henry F., to Eli Lilly and Co. Literature detection device for cartoning machine. 2,729,810, 1-3-56, Cl. 340-259.
- Coffey, Irven E., to Carter Carburetor Corp. Diaphragm and material for making same. 2,734,009, 2-7-56, Cl. 154-50.
- Coffey, Irven E., to Carter Carburetor Corp. Method for forming check valves and the like. 2,748,425, 6-5-56, Cl. 18-55.
- Coffey, Ralph J., to American Chain & Cable Co., Inc. Welded jointing method and apparatus for producing same. 2,763,768, 9-28-56, Cl. 219-51.
- Coffee Research, Inc.: See—
- Crutcher, William H., Jr. 2,762,289.
- Coffer, Wallace: See—
- Lewis, Reed, Cookston, and Coffer. 2,757,077.
- Cofing, Frederick W., to Duff-Norton Co. Clutch and brake for a hoist. 2,736,408, 2-28-56, Cl. 192-16.
- Cofing, Frederick W., to Duff-Norton Co. Drop hook. 2,736,599, 2-28-56, Cl. 294-83.
- Coffman, Alden W., to H. H. Robertson Co. Method of producing a protected metal article. 2,764,808, 10-2-56, Cl. 29-473.1.
- Coffman, Donald D., and C. W. Tullock, to E. I. du Pont de Nemours & Co. Process for preparing chloro-fluoro methane from phosgene and hydrogen fluoride. 2,757,213, 7-31-56, Cl. 260-653.
- Coffman, Harold H.: See—
- Wiles, Everett R., Vallier, and Coffman. 2,753,275.
- Coffman, James E., and T. W. Lloyd, to Harbison-Walker Refractories Co. Composite furnace block. 2,736,181, 2-28-56, Cl. 72-35.
- Coffman, John A., to General Electric Co. Apparatus for measuring the content of water and similar compounds in insulating liquids. 2,760,368, 8-28-56, Cl. 73-53.
- Coffman, Paul A., Jr., to B-I-F Industries, Inc. Pneumatically operated hopper agitator. 2,740,561, 4-3-56, Cl. 222-409.
- Coffman, Paul A., Jr., to B-I-F Industries, Inc. Apparatus for proportioning dry material and liquids. 2,750,073, 6-12-56, Cl. 222-57.
- Coffman, William P. Air injection means for automotive engines. 2,747,554, 5-29-56, Cl. 123-25.
- Cogan, Myles H. R., to Shell Development Co. Grid tray contact column. 2,750,174, 6-12-56, Cl. 261-113.
- Cogdell, Charles W.: See—
- Wallace, Reynolds E. 2,752,087.
- Coggeshall, Almy D., and L. T. Stafford, to General Electric Co. Supporting of coil end turns. 2,747,118, 5-22-56, Cl. 310-260.
- Coggeshall, Norman D., and W. E. Hanson, to Gulf Research & Development Co. Method of geochemical prospecting. 2,767,320, 10-16-56, Cl. 250-43.5.
- Coggeshall, Thellwell R., and U. R. Tognella, to General Electric Co. Closing mechanism for an electric circuit breaker. 2,769,874, 11-6-56, Cl. 200-89.
- Coggins, Arthur W., and L. Erickson. Hair clipping device. 2,768,438, 10-30-56, Cl. 30-200.
- Cohan, Harris K. Artificial arms. 2,757,383, 8-7-56, Cl. 3-12.1.
- Cohee, George E., ½ to Eastern Steamship Lines Inc., and ½ to American-Hawaiian Steamship Co. Cargo container. 2,761,581, 9-4-56, Cl. 220-1.5.
- Cohen, Carl and M. L., to Chain-O-Lakes, Inc. Cheese making apparatus and method. 2,761,376, 9-4-56, Cl. 100-37.
- Cohen, Charles A., and L. A. Mikeska, to Esso Research and Engineering Co. Polycyclic dibasic acids. Re. 24,123, 2-28-56, Cl. 260-51.4.
- Cohen, Charles A., and L. A. Mikeska, to Esso Research and Engineering Co. Preparation of naphthenic alcohols. 2,734,923, 2-14-56, Cl. 260-617.
- Cohen, Elie, to The Keelavite Co. Ltd. Apparatus for providing synchronization between hydraulically operated members. 2,742,763, 4-24-56, Cl. 60-97.
- Cohen, Ernest. Water-fed brush. 2,736,049, 2-28-56, Cl. 15-129.
- Cohen, Harry: See—
- Christensen, Paul M., and Cohen. 2,737,044.
- Cohen, Harry. Agglomerating ores in the blast furnace. 2,771,355, 11-20-56, Cl. 75-41.
- Cohen, Henry, and J. H. Darth, to Power Jets (Research and Development) Ltd. Jet propulsion plant with interconnected afterburner and jet nozzle area control. 2,747,363, 5-29-56, Cl. 60-35.6.
- Cohen, Henry I. Nesting table. 2,739,859, 3-27-56, Cl. 311-16.5.
- Cohen, Irving M. Electrically heated mat and the like. 2,745,942, 5-15-56, Cl. 219-46.

- Cohen, Jack H., and R. A. Goslin, to the United States of America as represented by the Secretary of the Navy. Power control device for electric motor. 2,730,660, 1-10-56, Cl. 318-475.
- Cohen, Jacob S.: *See* Finestone, Harry Z.
- Cohen, Julius G. Educational device for teaching mathematics by overlying transparencies. 2,751,690, 6-26-56, Cl. 35-31.
- Cohen, Leonard: *See* Goldenson, Jerome, and Cohen.
- Cohen, Leonard, Reel. 2,739,936, 9-20-56, Cl. 242-123.
- Cohen, Leonard, to the United States of America as represented by the Secretary of the Army. Aluminum soap of iso-octoic acids. 2,741,629, 4-10-56, Cl. 260-148.
- Cohen, Lester S., A. P. Giraults, and J. R. Zietz, Jr., to Ethyl Corp. Copolymers of propenylbenzene. 2,773,052, 12-4-56, Cl. 260-851.
- Cohen, Marvin D.: *See* Cohen, Carl and M. L.
- Cohen, Carl and M. L. 2,761,376.
- Cohen, Meyer. 2,755,563.
- Cohen, Meyer F. Service stripe holder and clip. 2,730,824, 1-4-56, Cl. 40-15.
- Cohen, Meyer, 36% to M. D. Cohen. Apparatus for removing synthetic cleaning fluid from filter muck. 2,755,563, 7-24-56, Cl. 34-76.
- Cohen, Milton J. Container for toothache remedy. 2,754,590, 11-7-56, Cl. 32-60.
- Cohen, Morris. Interstate Bakeries Corp. Traveling hearth oven conveyor. 2,742,869, 4-24-56, Cl. 107-57.
- Cohen, Nathaniel L., to the United States of America as represented by the Secretary of the Navy. Two-phase power generator. 2,765,437, 10-2-56, Cl. 321-53.
- Cohen, Oscar P., and M. J. Scott, to Monsanto Chemical Co. Textile material with an anistatic finish and process of making same. 2,772,189, 11-27-56, Cl. 117-138.8.
- Cohen, Philip. Prefabricated metal-frame knockdown work table. 2,731,316, 1-17-56, Cl. 311-4.
- Cohen, Samuel L., and M. L. Hurwitz. Device for installing and removing fluorescent lighting tubes. 2,768,855, 10-30-56, Cl. 294-121.
- Cohen, Saul G.: *See* Wolff, Otto E., and Cohen.
- Cohen, Saul G., and Cohen. 2,763,883.
- Cohen, Saul G., and H. C. Haas, to Polaroid Corp. Mixture of cellulose ethers. 2,753,273, 7-3-56, Cl. 106-197.
- Cohen, Sidney B.: *See* Garman, Raymond L., Droz, and Cohen.
- Cohen, Sidney B., and J. Bentkowsky, to Sperry Rand Corp. Magnetic amplifier. 2,745,908, 5-15-56, Cl. 179-171.
- Cohen, Sidney O., H. Mills, M. E. Goodell, C. J. Hilton, H. E. Somerville, and M. T. Street. Cigarette snuffing attachment for cigarette packages. 2,764,924, 10-2-56, Cl. 131-4.
- Cohen, Sylvan L., and M. S. Frant, to Galloway Chemical Corp. Alkyl dimethyl dichlorobenzyl ammonium mercaptobenzothiazolates and pesticidal concentrates containing the same. 2,774,708, 12-18-56, Cl. 167-33.
- Cohn, Charles C., to S. L. and C. C. Cohn, copartners, d. b. a. Colonial Alloys Co. Surface treatment of aluminum and its alloys. 2,729,551, 1-3-56, Cl. 41-42.
- Cohn, David, to Model Plastics Corp. Doll head mounting. 2,733,547, 2-7-56, Cl. 46-149.
- Cohn, David, to Model Plastics Corp. Doll of flexible material with freely rotatable body members. 2,753,659, 7-10-56, Cl. 46-161.
- Cohn, David, to Model Plastics Corp. Leg mounting structure for a walking doll. 2,754,621, 7-17-56, Cl. 46-149.
- Cohn, David, to Model Plastic Corp. Knee joint structure for walking dolls. 2,754,416, 8-14-56, Cl. 46-149.
- Cohn, Edwin J., deceased, by R. R. Cohn, C. A. Coolidge, and E. Seligman, executors, to Protein Foundation, Inc. Fractionation of proteinaceous materials in blood plasma and liver tissue. 2,770,616, 11-13-56, Cl. 260-112.
- Cohn, Eugene: *See* Cohn, Joseph, Walter, and Cohn.
- Cohn, Joseph, Walter, and Cohn. 2,750,679.
- Cohn, Samuel and E., and Walter. 2,729,003.
- Cohn, Samuel and E., and Walter. 2,749,115.
- Cohn, Samuel and E., and Walter. 2,773,296.
- Cohn, Eugene. Electron tube grids. 2,729,763, 1-3-56, Cl. 312-311.
- Cohn, Eugene, and F. Catallo, to Samco Holding Corp. Traveling web folding apparatus. 2,761,678, 9-4-56, Cl. 270-79.
- Cohn, Irene M.: *See* Barnett, Cyril, Cohn, and Lincoln.
- Cohn, Irene M., to British Celanese Ltd. Extraction of lactam. 2,737,711, 2-6-56, Cl. 260-239.3.
- Cohn, Irwin E. Toy helicopter. 2,732,656, 1-31-56, Cl. 46-75.
- Cohn, Johan G., to Baker & Co., Inc. Apparatus for the continuous analysis of contaminants in gases. 2,751,281, 6-19-56, Cl. 23-255.
- Cohn, Joseph, J. G. Walter, and E. Cohn, to Samco Holding Corp. Handling apparatus for textile fabric. 2,750,679, 6-19-56, Cl. 34-25.
- Cohn, Max, to South River Metal Products Co., Inc. Mounting of antenna masts. 2,734,708, 2-14-56, Cl. 248-43.
- Cohn, Mayer L., to J. Marco. Illuminated automobile secretary. 2,749,430, 6-5-56, Cl. 240-2.
- Cohn, Milton M. Magnetic plug. 2,755,932, 7-24-56, Cl. 210-1.5.
- Cohn, Nathan, to Leeds and Northrup Co. Control of electrical generation. 2,773,994, 12-11-56, Cl. 307-57.
- Cohn, Rebekah R.: *See* Cohn, Edwin J.
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- Cohn, Samuel and E., and J. G. Walter, to Samco Holding Corp. Rolling pressure control apparatus. 2,729,003, 1-3-56, Cl. 38-52.
- Cohn, Samuel, and J. G. Walter, to Samco Holding Corp. Winding, measuring, and severing mechanism. 2,736,098, 2-28-56, Cl. 33-130.
- Cohn, Samuel, and J. G. Walter, to Samco Holding Corp. Apparatus for tension control of tubular textile fabrics. 2,739,762, 3-27-56, Cl. 242-75.
- Cohn, Samuel and E., and J. G. Walter, to Samco Holding Corp. Folding apparatus for travelling web material. 2,749,115, 2-6-56, Cl. 270-79.
- Cohn, Samuel and E., and J. G. Walter, to Samco Holding Corp. Fabric control apparatus. 2,773,296, 12-11-56, Cl. 26-55.
- Cohn, Samuel L.: *See* Cohn, Charles C.
- Cohn, Seymour B.: *See* Tomiyasu, Kiyo, and Cohn.
- Cohn, Seymour B., to Sperry Rand Corp. High frequency apparatus. 2,729,794, 1-3-56, Cl. 333-21.
- Cohn, Seymour B., to Sperry Rand Corp. Mode transformer. 2,742,612, 4-17-56, Cl. 333-21.
- Cohn, Seymour B., to Sperry Rand Corp. Wave guide delay line. 2,743,242, 5-1-56, Cl. 333-31.
- Coboes Carrybag Co., Inc.: *See* Kelly, William H.
- Colt, Burton C., Jr., to Tri-State Engineering Co. Container base. 2,738,940, 3-20-56, Cl. 248-120.
- Colaico, August P., to Westinghouse Electric Corp. Large sealed ignitor-tube. 2,773,211, 12-4-56, Cl. 313-19.
- Colangelo, Elena V. Ladies' hairpiece and hat combination. 2,730,722, 1-17-56, Cl. 2-202.
- Colantino, Angelo A., to Pillsbury Mills, Inc. Automatic machinery for depositing articles into successively moving containers. 2,750,089, 6-12-56, Cl. 226-2.
- Colber Corp.: *See* Collett, Anthony.
- Collett, Anthony. 2,752,483.
- Colbert, William H., and W. L. Morgan, to Libbey-Owens-Ford Glass Co. Light transmissive electrically conducting article. 2,767,945, 9-4-56, Cl. 219-13.
- Colburn, Allan P., J. B. Jones, and C. Pyle, to E. I. du Pont de Nemours & Co. Vapor and liquid contacting. 2,747,849, 5-29-56, Cl. 261-114.
- Colburn, William A., to Dings Magnetic Separator Co. Magnetic separator. 2,768,740, 10-30-56, Cl. 210-1.5.
- Colby, Harold T. Engine cooling system cleaner. 2,769,450, 11-6-56, Cl. 134-57.
- Colby, J. Emerson: *See* Perkins, George T., and Colby.
- Colby, Robert A., to Collins Radio Co. Grid terminal pickup. 2,760,128, 8-21-56, Cl. 317-257.
- Colby, Robert A., to Collins Radio Co. Shaft positioning system. 2,760,138, 8-21-56, Cl. 318-467.
- Colby, Robert A., to Collins Radio Co. Shaft positioning mechanism. 2,762,961, 9-11-56, Cl. 318-467.
- Colby, Robert A., B. J. Copeland, H. M. Passman, and P. G. Wulfsberg, to Collier Radio Co. Non-ambiguous coupler. 2,756,575, 7-31-56, Cl. 64-31.
- Colby, Roy L., Jr., to National Steel Corp. Long span arch rib buildings. 2,736,397, 2-28-56, Cl. 189-1.
- Colchesser, Loren E., to Mercil Plating Equipment Co. Plating bath. 2,741,463, 9-4-56, Cl. 259-59.
- Coldfield, Sutton: *See* Seddon, Robert M.
- Seddon, Robert M. 2,759,724.
- Cole, Albert. Beverage dispensing apparatus. 2,749,096, 6-5-56, Cl. 257-241.
- Cole, Arthur B.: *See* Chace, William M., and Cole.
- Chace, William M., and Cole. 2,737,322.
- Cole, Arthur B., and E. P. Buchmiller, to Die Craft Corp. Shirt packaging. 2,767,892, 10-23-56, Cl. 223-71.
- Cole, Arthur D., and F. L. Tourville, to Cole-Sewell Engineering Co. Valved air exhaust fittings. 2,750,869, 6-19-56, Cl. 98-119.
- Cole, Benjamin R.: *See* Wisenbaker, Thomas C., Richmond, and Cole.
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- Cole, Burrel C., and E. P. Waite, to Cole Engineering Corp. Lower line coupling for fiber attenuating apparatus. 2,739,191, 6-5-56, Cl. 308-178.
- Cole, Charles R.: *See* Opocensky, Willard J., Buseth, and Cole.
- Opocensky, Willard J., Buseth, and Cole. 2,742,801.
- Cole, Clifford C. Receptacle for upholstered furniture. 2,771,127, 11-20-56, Cl. 155-188.
- Cole, Donald, Jr., to Westinghouse Electric Corp. Electronic flywheel. 2,767,069, 8-21-56, Cl. 250-36.
- Cole, Edmund J. Ash tray. 2,771,080, 11-20-56, Cl. 131-240.
- Cole, Edward H. Stapling machines. 2,736,024, 2-28-56, Cl. 1-3.
- Cole Engineering Corp.: *See* Cole, Burrel C., and Waite.
- Cole, Burrel C., and Waite. 2,749,191.
- Cole, Frank E., to United Shoe Machinery Corp. Sewing machine thread tensioning mechanism. 2,765,757, 10-9-56, Cl. 112-59.
- Cole, Frank E., Jr., to Craig Machine, Inc. Automatic filing cabinet. 2,758,901, 8-14-56, Cl. 312-223.
- Cole, Gerald E., to Kleen-Stik Products, Inc. Label dispenser. 2,754,994, 7-17-56, Cl. 221-73.
- Cole, Harvey M.: *See* Jordan, Merrill E., and Cole.
- Jordan, Merrill E., and Cole. 2,730,453.
- Cole, Harvey M., R. N. Secord, K. P. Seltzer, and C. B. Wendell, Jr., to Godfrey L. Cabot, Inc. Process for the production of pitch from petroleum residues. 2,763,602, 9-18-56, Cl. 196-78.



- Cole, Herbert M., and D. W. Alcott, to Federal Electric Products Co. Method and machine for assembling parts of automatic circuit breaker sub-assemblies. 2,771,541, 11-20-56, Cl. 219-117.
- Cole, Herman S. Illuminated tackle box. 2,751,489, 6-19-56, Cl. 240-8-4.
- Cole, John C.: *See*—  
Turner, Will J., and Cole. 2,750,007.
- Cole, John W.: *See*—  
Julian, Percy L., Cole, Meyer, and Karpel. 2,752,339.
- Cole, George W., Cole, and Gaither. 2,762,912.
- Cole, Joseph E.: *See*—  
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- Cole, Joseph E., to H. Freedman. Code key cutting machine. 2,731,087, 1-17-56, Cl. 164-50.
- Cole, Leonard C.: *See*—  
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- Cole, Manley W.: *See*—  
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- Cole, Nathaniel S.: *See*—  
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- Cole, Isaac L., Cole, and Pesch. 2,744,367.
- Cole, Nelson E., to Dana Corp. Stake pocket for truck bodies. 2,731,292, 1-17-56, Cl. 296-43.
- Cole, Nelson E., to Dana Corp. Vehicle floor skid rail and securing means. 2,752,013, 6-26-56, Cl. 189-54.
- Cole, Ralph M. Knee pad. 2,759,189, 8-21-56, Cl. 2-24.
- Cole, Ralph M., and W. T. to The Cantor Products Co. Load binder. 2,746,108, 5-22-56, Cl. 24-68.
- Cole, Raymond A.: *See*—  
Fuller, Rufus W., and Cole. 2,754,632.
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- Cole-Sewell Engineering Co.: *See*—  
Cole, Arthur D., and Tourville. 2,750,869.
- Cole, Sidney, and R. Paolillo. Protective closure for decorative ornaments. 2,772,500, 12-4-56, Cl. 41-10.
- Cole, Theodore S. Self-starting synchronous motor. 2,737,604, 3-6-56, Cl. 310-164.
- Cole, Theodore S. Split metal mold for packaging foods for freezing. 2,736,277, 2-28-56, Cl. 107-19.
- Cole, Thomas M., to Federal Electric Products Co. Actuator for hermetically sealed mechanism. 2,742,548, 4-17-56, Cl. 200-168.
- Cole, Thomas M., to Federal Electric Products Co. Circuit breakers. 2,758,174, 8-7-56, Cl. 200-116.
- Cole, Thomas M., and P. M. Christensen, to Federal Electric Products Co. Operating mechanism and interlock for enclosed switches. 2,760,021, 8-21-56, Cl. 200-50.
- Cole, Thomas R., to American Optical Co. Ophthalmic lenses and method of making same. 2,755,706, 7-24-56, Cl. 88-54.
- Cole, Ward: *See*—  
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- Cole, William T.: *See*—  
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- Cole, William T., to The Canton Mfg. Co. Hinge guard load protector. 2,772,064, 11-27-56, Cl. 248-361.
- Coleman, Arland B.: *See*—  
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- Coleman, Charles G., Jr. Magnifying measuring scale. 2,736,097, 2-28-56, Cl. 33-107.
- Coleman Corp., Inc. The: *See*—  
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- Giwoosky, Harry L. 2,733,704.
- Giwoosky, Harry L. 2,767,702.
- Martiny, Charles D. 2,753,889.
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- Newton, Alwin B. 2,761,616.
- Phillips, Arthur E. 2,730,463.
- Townsend, Wilbur J. 2,759,576.
- Coleman, Dudley L. 20% to H. W. Sayrs. Tonneau shield. 2,765,191, 10-2-56, Cl. 29-85.
- Coleman, Ivan V., to Automatic Electric Laboratories, Inc. Calling line identification apparatus. 2,773,127, 12-4-56, Cl. 179-13.
- Coleman, John F., to International Business Machines Corp. Relay circuit. 2,750,113, 6-12-56, Cl. 235-61.11.
- Coleman, Joseph E.: *See*—  
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- Coleman, Joseph J., and E. M. Dittman, to Burgess Battery Co. Method of plating copper particles with silver. 2,771,380, Cl. 117-227.
- Coleman, Kenneth R.: *See*—  
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- Coleman, Kenneth R., to Taylor, Taylor & Hobson Ltd. Projection optical objectives. 2,746,349, 5-22-56, Cl. 88-57.
- Coleman, Lee G., to Arco Plate Co. Apparatus for mixing and blending printing inks. 2,768,816, 10-30-56, Cl. 259-109.
- Coleman, Lee G., to Arco Plate Co. Apparatus for mixing and blending printing inks. 2,768,817, 10-30-56, Cl. 259-109.
- Coleman, Robert E., to Jet-Heat, Inc. Thermopump. 2,744,470, 6-8-56, Cl. 103-255.
- Coleman, Spencer A.: *See*—  
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- Saddington, Arthur W., and Coleman. 2,742,424.
- Coleman, William B., to Victor Chemical Works. Method for treating cation exchange material and cation exchange material resulting therefrom. 2,749,306, 6-5-56, Cl. 210-24.
- Coleman, William E., and G. H. Rendel, to United States Steel Corp. Apparatus for inspecting and classifying flat steel products. 2,730,233, 1-10-56, Cl. 209-111.
- Coleman, William E., and G. H. Rendel, to United States Steel Corp. Sheet pin hole detector. 2,736,431, 2-28-56, Cl. 209-111.
- Coleman, William E., and T. F. Reed, to United States Steel Corp. Apparatus for determining the ratio between frequency and amplitude of pressure variations. 2,740,288, 4-3-56, Cl. 73-38.
- Coler, Myron A.: *See*—  
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- Coler, Myron A. Process for making destaticized plastic. 2,758,954, 8-14-56, Cl. 260-43.
- Coler, Myron A. Conductive plastic product. 2,761,849, 9-4-56, Cl. 252-518.
- Coler, Myron A. Manufacture of conductive plastics. 2,761,854, 9-4-56, Cl. 260-58.
- Coler, Myron A., and A. S. Louis; said Louis assor. to said Coler. Electric resistor. 2,751,473, 6-19-56, Cl. 201-55.
- Coler, Myron A., and H. A. Gottschalk, to M. A. Coler. Water vapor impervious synthetic resin composition. 2,769,794, 11-6-56, Cl. 260-41.
- Colles, Leon M. Hair trimmer. 2,750,663, 6-19-56, Cl. 30-11.
- Coles, Percy A.: *See*—  
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- Coles, Ralph V., to Robertshaw-Fulton Controls Co. Capacity sensitive relay. 2,774,919, 12-18-56, Cl. 317-146.
- Coleman, Robert H., to D. Napier & Son Ltd. Transmission mechanism including level pinions. 2,739,490, 3-27-56, Cl. 74-417.
- Colestock, William G., to Chrysler Corp. Flow control apparatus. 2,740,469, 4-3-56, Cl. 158-364.
- Coley, Nelson B., to General Railway Signal Co. Centralized traffic control systems for railroads. 2,731,548, 1-17-56, Cl. 246-3.
- Coley, Nelson B., to General Railway Signal Co. Relay binary counter. 2,768,335, 10-23-56, Cl. 317-140.
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- Fox, Arthur L. 2,773,801.
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- Vitale, Peter T. 2,746,932.
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- Collar, Frank R., to Adams Rite Mfg. Co. Sliding door lock assembly. 2,736,185, 2-28-56, Cl. 70-100.
- Collar, Lynn H. Variable speed friction drive device. 2,737,820, 3-13-56, Cl. 74-198.
- Collat, Edgar. Means for dental hygiene. 2,748,781, 6-5-56, Cl. 132-93.
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- Collett, Anthony, to Colber Corp. Miniature railway switch. 2,752,483, 6-26-56, Cl. 246-251.
- Collett, Charles H., to Bettis Rubber Co. Split sleeve and method of making the same. 2,739,018, 3-20-56, Cl. 308-4.
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- Collett, Leonard S.: *See*—  
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- Colletty, Amedee. Swath turning assemblies. 2,741,892, 4-17-56, Cl. 56-372.
- Collette, Robert P., and E. F. Michelich, to Western Electric Co., Inc. Guard for portable router. 2,750,971, 6-19-56, Cl. 144-251.
- Colley, Joseph F., to Union Bag & Paper Corp. Sealing machine. 2,749,689, 6-12-56, Cl. 53-124.
- Collica, Victor. Creeper headrest. 2,769,184, 11-6-56, Cl. 5-327.

- Collier, Everett P., to Cockshutt Farm Equipment, Ltd. Forage harvesters. 2,744,617, 5-8-56, Cl. 198-166.
- Collier, R. T., Corp.: See—
- Keller, Philip B., and Kofford. 2,773,601.
- Collin, Per H., to Stora Kopparbergs Bergslags Aktiebolag. Methods in the evaporation of liquors obtained in the digesting of cellulosic materials with alkali sulphate and/or alkali bisulphite. 2,755,168, 7-17-56, Cl. 23-49.
- Collings, William R., H. L. Browne, and A. A. Weirauch, to Dow Corning Corp. Semiautomatic book-forming machine and method. 2,745,233, 5-15-56, Cl. 53-139.
- Collingwood, Frank M., to Electro-Hydraulics Ltd. Fluid pressure operated systems. 2,731,165, 1-24-56, Cl. 251-25.
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- Collins & Altman Corp.: See—
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- Collins, Aubrey L. Oscillating and like mechanism for electric fans. 2,746,673, 5-22-56, Cl. 230-256.
- Collins, Benjamin W., to American Viscose Corp. Identification of artificial fibers. 2,753,272, 7-3-56, Cl. 106-165.
- Collins, Bernard J., and W. P. Zwihrle. Dispensing toothbrush. 2,750,614, 6-19-56, Cl. 15-131.
- Collins, Beth. Headress. 2,767,404, 10-23-56, Cl. 2-198.
- Collins, Carroll B., to Peerless Photo Products, Inc. Printing device. 2,774,289, 12-18-56, Cl. 95-76.
- Collins, Coy W., to Prestole Corp. Spring metal fastener for television aerials. 2,745,158, 5-15-56, Cl. 24-1.
- Collins, Donald F. Electrical heating device. 2,769,892, 11-6-56, Cl. 219-46.
- Collins, Don F., to Boston Woven Hose and Rubber Co. Apparatus for tensioning strip material. 2,745,134, 5-15-56, Cl. 18-1.
- Collins, Douglas. Magnetic lock switch for starter and ignition circuits. 2,767,278, 10-16-56, Cl. 200-87.
- Collins, Earl L. Fishing device. 2,755,590, 7-24-56, Cl. 43-17.
- Collins, Edgar V., and H. Beresford. Apparatus for drying stalk farm crops. 2,765,542, 10-9-56, Cl. 34-229.
- Collins, Fred V.: See—
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- Stahl, William F., and Collins. 2,748,014.
- Collins, Fred V., to W. F. Stahl. Apparatus for heat-sealing overlapping surfaces of plastic material. 2,741,296, 4-10-56, Cl. 15-42.
- Collins, Gordon D., to General Electric Co. Electromagnetic pump. 2,756,678, 7-31-56, Cl. 103-1.
- Collins, Harry J., Jr., R. G. Evans, and J. W. Weston, to Tape, Inc. Tape dispenser and moistener. 2,737,149, 3-6-56, Cl. 118-43.
- Collins, Howard W., to Peoples Research and Mfg. Co. Apparatus and process for continuously feeding and spraying wood wool and like materials. 2,744,045, 5-1-56, Cl. 154-101.
- Collins, Jacob B., to The Firestone Tire & Rubber Co. Measuring device. 2,730,807, 1-17-56, Cl. 33-125.
- Collins, Jack D., to Borg-Warner Corp. Clutch control system. 2,756,851, 7-31-56, Cl. 192-052.
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- Collins, John E. Packing means for a piston. 2,770,510, 11-13-56, Cl. 309-4.
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- Collins, Leland O., to L. A. Young Spring & Wire Corp. Spring assembly. 2,735,114, 2-21-56, Cl. 5-266.
- Collins, Leonard M., and P. F. George, to Pressure Dispensers, Inc. Dispensing valve for a pressurized container. 2,772,035, 11-27-56, Cl. 222-394.
- Collins, Leta: See—
- Critchfield, John E. 2,760,377.
- Collins, Lowell J. Food mixers. 2,749,070, 6-5-56, Cl. 118-146.
- Collins, Norman H. Throttling valve. 2,729,069, 1-3-56, Cl. 62-9.
- Collins, Paul E., and G. M. Inman, to the United States of America as represented by the United States Atomic Energy Commission. Pressure testing device and method. 2,745,279, 5-15-56, Cl. 73-49.3.
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- Collins Radio Co.: See—
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- Graves, Wayne H., and Melichar. 2,762,983.
- Harcock, Noel W. 2,755,379.
- Heald, Earl T. 2,733,742.
- Heath, John W., Hodgins, Spogen, and Stover. 2,738,425.
- Henrici, Carl R. 2,760,190.
- Hodgin, David M. 2,742,569.
- Hoffarth, Odell H. 2,747,166.
- Hollis, James L., and Nebeker. 2,760,177.
- Hubbard, Merle R. 2,731,604.
- Hubbard, Merle R. 2,766,383.
- Icenbice, Phineas J. 2,771,250.
- Kennedy, Charles J. 2,746,151.
- Kohl, Walter H. 2,758,361.
- Lippisch, Alexander M. 2,734,699.
- Lippisch, Alexander M. 2,743,888.
- Lippisch, Alexander M. 2,752,109.
- Luebkich, Walter C. 2,754,697.
- Luebkich, Walter C. 2,766,436.
- Maclary, Fletcher J. 2,752,575.
- McCoy, David O., and Hancock. 2,760,189.
- McKinley, Paul A., and Wollan. 2,741,855.
- Miffin, Leo V. 2,731,608.
- Mitchell, Robert M. 2,766,449.
- Patton, Henry W. 2,774,932.
- Phillips, Edwin N. 2,742,608.
- Phillips, Edwin N. 2,748,345.
- Ringoen, Richard M. 2,752,491.
- Rooks, Howard B. 2,755,458.
- Salisbury, Winfield W. 2,760,103.
- Schweighofer, Horst M. 2,742,599.
- Shanklin, John P. 2,760,192.
- Sherwood, John, and Winter. 2,755,442.
- Simmons, William E. 2,746,633.
- Stewart, Clyde. 2,771,601.
- Stover, Harris. 2,755,378.
- Throw, Francis E. 2,762,895.
- Viterisi, Domenick P. 2,771,549.
- Weber, David W. 2,742,618.
- Welch, Jack D. 2,762,959.
- Werth, Willard F., and Miedke. 2,735,012.
- Whittington, William E. 2,746,918.
- Winkler, Walter H. 2,761,662.
- Witters, Robert. 2,735,001.
- Wooldridge, Harold I. 2,731,853.
- Collins Radio Corp.: See—
- Jordan, Carl F., Jr. 2,734,950.
- Collins, Ralph J.: See—
- Phillips, Andrew T., and Collins. 2,769,236.
- Collins, Robert A. Farrowing pen. 2,740,379, 4-3-56, Cl. 119-20.
- Collins, Robert J., F. W. Reynolds, and G. R. Stilwell, to Bell Telephone Laboratories, Inc. Process of making photoconductive compounds. 2,759,861, 8-21-56, Cl. 148-1.5.
- Collins, Samuel C., to Joy Mfg. Co. Apparatus for treating gases. 2,732,691, 1-31-56, Cl. 62-123.
- Collins, Samuel C., to Joy Mfg. Co. Methods of and means for treating gases. 2,732,692, 1-31-56, Cl. 62-123.
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- Collins, Samuel C., to Joy Mfg. Co. Expansion valve. 2,737,022, 3-6-56, Cl. 62-1.
- Collins, Samuel C., to Joy Mfg. Co. Apparatus for and method of separating gases. 2,763,137, 9-18-56, Cl. 62-123.
- Collins, Samuel C. Method of laying and retrieving underwater pipe line. 2,731,800, 1-24-56, Cl. 61-12.
- Collins, Samuel V. Launching structures and methods. 2,735,270, 2-21-56, Cl. 61-72.
- Collins, Samuel V. Submarine cable installation. 2,770,950, 11-20-56, Cl. 61-72.
- Collins, Tappan, to National Steel Corp. Structural member. 2,735,520, 2-21-56, Cl. 189-37.
- Collins, Ted R. D., to Bell Telephone Laboratories, Inc. Pie synchronizing pulse selector. 2,763,718, 9-18-56, Cl. 178-7.3.
- Collins Valve Co., Inc.: See—
- Collins, James M. 2,755,816.
- Collins, Warren E.: See—
- Nichols, Joseph, Reissmann, and Collins. 2,734,506.
- Nichols, Joseph, Reissmann, and Collins. 2,734,507.



- Collins, William F., to International Harvester Co. Pick-up and feed for harvester. 2,753,676, 7-10-56, Cl. 56—345.
- Collins, William F., and T. J. Scarnato, to International Harvester Co. Harvesting gathering mechanism. 2,735,533, 2-21-56, Cl. 198—162.
- Collins, William F., and J. H. Bing, to International Harvester Co. Self-charging self-unloading mechanism. 2,771,203, 11-20-56, Cl. 214—519.
- Collins, William J., to Victory Plastics Co. Protective material. 2,771,384, 11-20-56, Cl. 154—52.5.
- Collison, William F.: *See*—  
Boyd, Robert E., Collison, Oldenburg, and Schwend. 2,757,862.
- Collison, William F., and F. N. Schwend, to Clary Corp. Readout utilizing radix conversion for an electronic calculator. 2,772,048, 11-27-56, Cl. 235—58.
- Colliva, Dante, to Società Alessandro Calzoni. Automatic control for mandrel forming shaft in tube forming machines. 2,760,413, 8-28-56, Cl. 92—66.
- Colora, Nicholas D. Condimment holder and dispenser. 2,762,533, 9-11-56, Cl. 222—196.2.
- Collura, Francesco. Blender motor support. 2,744,203, 5-1-56, Cl. 310—91.
- Collura, Francesco, to The Winsted Hardware Mfg. Co. Food and beverage blender. 2,761,659, 9-4-56, Cl. 259—108.
- Collura, Peter C., to Container Corp. of America. Bottle carrier with integral partitions. 2,756,900, 7-31-56, Cl. 220—113.
- Colman, Leonard C., to Steel Co. of Canada, Ltd. Coil handling apparatus. 2,758,725, 8-14-56, Cl. 214—1.
- Colm, Claus H. Safety armrest and seat-back blocking structure for vehicles. 2,760,813, 8-28-56, Cl. 296—44.
- Colman, Benjamin W.: *See*—  
Young, Julius, and Colman. 2,753,076.  
Young, Julius, and Colman. 2,759,831.
- Colman, Roderick M. Stop for lathe carriage. 2,731,870, 1-24-56, Cl. 82—21.
- Colmery, Robert D. Reversible reel-receiving fishing reel handle. 2,753,646, 7-10-56, Cl. 43—22.
- Colmori Co., The.: *See*—  
Snyder, Clifford H., and Funk. 2,740,618.
- Colomb, Henri. Stationary bearing, including an end-stone for pivots, chiefly clockwork pivots. 2,750,731, 6-19-56, Cl. 58—140.
- Colombini, John S. Knockdown door. 2,761,532, 9-4-56, Cl. 189—48.
- Colombini, John S. Plant receptacle of knock-down construction. 2,764,845, 10-2-56, Cl. 47—34.
- Colombo, Felix, to Atti Engineering Corp. Mold cutting machine. 2,748,664, 6-5-56, Cl. 90—13.3.
- Colombo, George.: *See*—  
Nigra, John D., and Colombo. 2,732,058.
- Colombo, Roberto, to Royal Mfg. Co., Inc. Apparatus for continuous moulding of synthetic resins. 2,750,625, 6-19-56, Cl. 18-5.
- Colonial Alloys Co.: *See*—  
Cohn, Charles C. 2,729,551.
- Colonias, John.: *See*—  
Cook, Lucien H., Hodge, and Colonias. 2,774,660.
- Colonna, Angelo. Built-in fold-away water closet. 2,750,599, 6-19-56, Cl. 4—10.
- Colonna, Angelo. Urn with readily insertable and removable coffee vessel. 2,750,870, 6-19-56, Cl. 99—279.
- Color Television Inc.: *See*—  
Sleeper, George E., Jr., and Stahl. 2,747,013.  
Sleeper, George E., Jr., Stahl, and Wolcott. 2,739,181.  
Stahl, Robert J. 2,757,230.  
Stahl, Robert J., and Heikes. 2,748,188.
- Colored Television Co.: *See*—  
Adams, Harold A. 2,769,027.
- Colorado Iron Works Co.: *See*—  
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- Colotryn Co.: *See*—  
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- Colson, U. O., Co.: *See*—  
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- Colter Corp.: *See*—  
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- Colthurst, Edward W.: *See*—  
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- Coltman, Bertram W., Jr., to Republic Molding Corp. Flexible containers. 2,754,866, 7-17-56, Cl. 150—0.5.
- Colton, Frank B., to G. D. Searle & Co. 10-hydroxy-3-ketosteroids. 2,739,654, 1-3-56, Cl. 260—397.4.
- Colton, Frank B., to G. D. Searle & Co. 6,7-epoxy-3-ketosteroids. 2,738,348, 3-13-56, Cl. 260—239.55.
- Colton, Frank B., to G. D. Searle & Co. Process of preparing  $\Delta^4$ -3-ketosteroids. 2,739,974, 3-27-56, Cl. 260—397.3.
- Colton, George W., to Fluid Systems, Inc. Prefabricated pipe system. 2,761,949, 9-4-56, Cl. 219—33.
- Colton, John W.: *See*—  
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- Colton, Ralph F., to Proctor Drying and Freezing Corp. Process and apparatus for producing stabilized products. 2,751,687, 6-26-56, Cl. 34—5.
- Colton, Ralph F., to Proctor Drying and Freezing Corp. Method of freezing materials. 2,751,762, 6-26-56, Cl. 62—173.
- Colton, Roland J. Automatic refrigerant slug disintegrator. 2,770,105, 11-13-56, Cl. 62—117.7.
- Colton, Wilbert G., Chuck. 2,733,926, 2-7-56, Cl. 279—75.
- Colton, Wilbert G., and H. Buszka. Fault detector for stranding machines. 2,735,945, 2-21-56, Cl. 200—61.41.
- Columbia Broadcasting System, Inc.: *See*—  
Bachman, William S. 2,738,385.
- Bambara, Joseph E. 2,764,628.
- Chick, Russell W., and Silva. 2,773,731.
- Christofferson, James. 2,771,174.
- Doncaster, Daniel P. 2,772,888.
- Gluffrida, Joseph. 2,743,339.
- Goldmark, Peter C. 2,704,629.
- Goldmark, Peter C., and Reeves. 2,740,071.
- Jones, Robert L. 2,773,225.
- Law, Russell R. 2,774,906.
- Morse, Elihu A., and Shaw. 2,774,394.
- Shaw, Lloyd B. 2,773,221.
- Tomer, Robert B. 2,757,228.
- Columbia Cable & Electric Corp.: *See*—  
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- Marantz, Israel H. 2,770,212.
- Columbia Carbon Co.: *See*—  
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- Columbia Machinery and Engineering Corp.: *See*—  
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- Pater, Paul G. 2,735,461.
- Columbia Metal Box Co.: *See*—  
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- Columbia Products Co.: *See*—  
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- Columbia Records Inc.: *See*—  
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- Columbia Ribbon and Carbon Mfg. Co., Inc.: *See*—  
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- Newman, Douglas A. 2,762,715.
- Columbia-Southern Chemical Corp.: *See*—  
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- Bartlett, Paul D. 2,753,276.
- Dehn, Frederick C. 2,744,146.
- Frederburg, Robert H., and Bissinger. 2,754,229.
- Holden, Calvin B. 2,732,914.
- Kung, Frederick E. 2,739,988.
- Nafziger, George A. 2,765,049.
- Neubauer, Joseph A., Strain, Kung, and Bissinger. 2,765,272.
- Pechukas, Alphonse. 2,764,572.
- Pechukas, Alphonse. 2,765,214.
- Pechukas, Alphonse, and Carlson. 2,765,215.
- Pray, Elaine O., and Sukow. 2,759,981.
- Rahn, Henry W. 2,735,750.
- Rahn, Henry W., and Sindlinger. 2,772,948.
- Rahn, Henry W., and Sindlinger. 2,772,950.
- Richardson, Edwin A. 2,732,710.
- Stevens, Henry C., Kaman, and Sellers. 2,759,978.
- Strain, Franklin. 2,734,911.
- Strain, Franklin. 2,765,296.
- Strain, Franklin, and De Witt. 2,737,532.
- Trager, Fred C. 2,772,313.
- Twiehaus, Robert C., and Prindle. 2,744,145.
- Waldo, Frank. 2,768,898.
- Wald, Frank. 2,768,899.
- Wolf, Ralph F. 2,760,894.
- Columbian Carbon Co.: *See*—  
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- Heller, George L. 2,768,067.
- Heller, George L. 2,769,692.
- Columbian Rope Co.: *See*—  
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- Columbus Coated Fabrics Corp.: *See*—  
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- Brooks, Harold H. 2,747,666.
- Columbus Dental Mfg. Co., The.: *See*—  
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- Columbus McKinnon Chain Corp.: *See*—  
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- Robins, Erford E., and Parker. 2,773,668.
- Wilson, Thomas A., Parker, Kieffer, and Gillette. 2,771,735.
- Columbus Plastic Products, Inc.: *See*—  
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- Kelly, George W. 2,770,011.
- Kelly, George W. 2,773,284.
- Roop, Nathan W. 2,736,129.
- Roop, Nathan W. 2,736,452.
- Colvin, Harry. Adjustable scaffold. 2,729,516, 1-3-56, Cl. 304—6.
- Colvin, Lutishie. Infant's garment. 2,734,194, 2-14-56, Cl. 2—80.
- Colvin, Oliver D.: *See*—  
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- Colvin, Oliver D., Jr., E. N. Fabares, and F. J. Swaney, to O. D. Colvin. Apparatus for preventing corrosion in storage compartments. 2,746,684, 5-22-56, Cl. 236—44.
- Colvin, Wilbur F., and S. L. Cramer, said Cramer assn. to said Colvin. Waterproofing composition. 2,742,372, 4-17-56, Cl. 106—253.
- Colyer, Edwin C.: *See*—  
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- Colyer, James L. Battery post clamp. 2,751,571, 6-19-56, Cl. 339—228.
- Comber, William R., to Champion Dish Washing Machine Co. Vegetable peeler having a reversing switch. 2,769,473, 11-6-56, Cl. 146—49.
- Combined Locks Paper Co.: *See*—  
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- Muggleton, Gerald D. 2,772,604.

## Combined Metals Reduction Co.: See—

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## Combos, John, Co., Inc.: See—

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## Combs, Carroll C.: See—

Combs, Jack S., and C. C. 2,742,119.

Combs, Eugene L., C. L. Faust, and G. R. Schaefer, to American Brake Shoe Co., Plated aluminum bearings. 2,766,195, 10-9-56, Cl. 204-23.

Combs, Jack S., and C. C. Prefabricated metal window assembly. 2,742,119, 4-17-56, Cl. 189-75.

Combs, Wesley E. Cleaning composition. 2,739,130, 3-20-56, Cl. 252-152.

## Combustion Engineering, Inc.: See—

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## Comenetz, George: See—

Hull, Frederick C., Brace, Comenetz, and Cochardt. 2,743,199.

## Comer, Horace E.: See—

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## Comfort Equipment Co.: See—

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## Comfy Mfg. Co., The: See—

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Comino, Demetrius, to Dexion Ltd. Rigid angle joint. 2,746,780, 5-22-56, Cl. 287-54.

Comley, Mervyn A., to The International Nickel Co., Inc. Apparatus for producing porous metal plates. 2,746,742, 5-22-56, Cl. 26-5.

Commarato, Joseph, to Standard Container, Inc. Aerosol sprayer with a replaceable cartridge. 2,766,072, 10-9-56, Cl. 199-95.

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Toulmin, Harry A., Jr. 2,736,502.

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- Compagnie Auxiliaire des Mines : *See*—  
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- Compton, Arthur M., to Standard Steel Works, Inc. Leaf spring,  
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- Compton, Arthur M., to Standard Steel Works, Inc. Leaf  
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- Compton, Arthur M., to Standard Steel Works, Inc. Close  
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- Compton, Charles E. Advanceable mining machine head and  
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- Compton, Charles E. Screw conveyor and manufacture  
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- Compton, Charles E. Screw conveyor and manufacture  
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- Compton, Charles E. Auger mining apparatus having rigidly  
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- Compton, Clarence R. Vertical lift three dimensional  
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- Compton, James A., to Borg-Warner Corp. Method of  
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- Comstock, Alfred E., to The Diamond Match Company, Article  
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- Comstock, George E., 3d, to Norton Co. Reinforced ceramic  
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- Comstock, George E., 3d, to Norton Co. Electrolytic grinding  
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- Comstock, George E., 3d, to Norton Co. Rapid infeed control  
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- Comstock, George E., 3d, to Norton Co. Grinding apparatus,  
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- Comstock, George E., 3d, to Norton Co. Electromagnetic  
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- Comstock, George E., 3rd, and K. H. Kalbfleisch, to Norton  
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- Comte, Frederick, to Monsanto Chemical Co. Recovery and  
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- Conan, Yves, Multiple speed centrifugal compressors,  
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- Conant, Harold B., Electrical measuring instrument,  
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- Conant, Harold B., to The Automatic Machine Co. Method of  
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- Conant, Leland, to The Cleveland Trust Co. Furnace,  
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- Conant, Louis A., to Union Carbide and Carbon Corp. Inert  
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- Conant, Ronald E., Supports for lanterns and the like,  
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- Conaway, Harry L., to United States Steel Corp. Apparatus  
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- Conbere, John P. : *See*—  
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- Conchon, Joseph A., to Compagnie des Forges et Aciéries de la  
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- Conciatori, Anthony B. : *See*—  
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- Conciatori, Anthony B., and V. S. Salvini, to Celanese Corp.  
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- Condit, Paul C., and M. A. Pino, to California Research Corp.  
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- Condo, Fred E., and C. W. Schroeder, to Shell Development  
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- Condon, Frank J. : *See*—  
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- Condon, Howard M., to Grand Duchess Steaks, Inc. Method  
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- Condon, Howard M., to Grand Duchess Steaks, Inc. Apparatus for forming and sorting meat patties. 2,757,411, 8-7-56, Cl. 17-32.
- Condon, James C., to Westinghouse Electric Corp. Composition and process, for treating metal surfaces. 2,743,205, 4-24-56, Cl. 148-6.15.
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- Miller, Carroll E. 2,728,974.
- Conery, William J., to The F. E. Myers & Bro. Co. Submersible motor. 2,740,059, 3-27-56, Cl. 310-87.
- Cones, Edgar B., and E. M. Arbuthnot. Multiple code signaling device. 2,758,297, 8-7-56, Cl. 340-348.
- Conescu, Sidney. Carrier. 2,751,111, 6-19-56, Cl. 220-113.
- Confalone, Nicholas A., to LNL Products Co. Pipe gauge. 2,735,512, 2-7-56, Cl. 33-148.
- Confeld, James D., to General Dynamics Corp. Duplex signaling system. 2,748,193, 5-29-56, Cl. 179-16.
- Confeld, James D., to General Dynamics Corp. Convertible interface trunk. 2,769,862, 11-6-56, Cl. 179-18.
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- Congdon, William J., and S. W. Grossmann, to Allied Chemical & Dye Corp. Method for concentrating dilute nitric acid. 2,761,781, 9-4-56, Cl. 23-160.
- Conger, Charles G. Width gauge for vehicle wheel rims. 2,774,144, 12-18-56, Cl. 33-143.
- Conger, David L., to The Walton Co. Broken drill extractor. 2,744,312, 5-8-56, Cl. 29-256.
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- Coniglio, Donald A. Automatic chuck. 2,762,630, 9-11-56, Cl. 279-106.
- Coning, Donald L., and J. W. Jacobs, to General Motors Corp. Drive mechanism for refrigerating apparatus. 2,762,229, 9-11-56, Cl. 74-336.5.
- Conitech, Ltd.: *See*—  
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- Huxley, Thomas C., III. 2,772,673.
- Huxley, Thomas C., III, and Eckman. 2,762,366.
- Huxley, Thomas C., III, and Kling. 2,758,594.
- Kling, Nelson G. 2,759,474.
- Kling, Nelson G. 2,772,578.
- Pelavin, Milton H. 2,747,108.
- Conklin, Fred. Grout pump. 2,734,667, 2-14-56, Cl. 192-255.
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- Conkling, William C., to Wallace & Tiernan Inc. Gas controlling apparatus. 2,744,274, 5-22-56, Cl. 137-489.
- Conley, George D., to General Electric Co. Clothes washing machines. 2,767,569, 10-23-56, Cl. 68-38.
- Conley, Albert B., Jr. Dispensing display rack. 2,744,634, 5-8-56, Cl. 211-49.
- Conley, Charles C., to Houdaille-Hershey Corp. Apparatus and method of oil polishing. 2,732,669, 1-31-56, Cl. 51-141.
- Conley, Earl G. Stencil filler solution. 2,731,356, 1-17-56, Cl. 106-171.
- Conley, Edwin E. Hollow fiber reinforced resin products such as pipe fittings with molded internal threads and method of making same. 2,751,237, 6-19-56, Cl. 285-210.
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- Conley, Ray. Paint mixer. 2,753,162, 7-3-56, Cl. 259-134.
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- Conly, James C., to Douglas Aircraft Co., Inc. Method of making fluorinated phosphate esters and resulting new compositions. 2,754,316, 7-10-56, Cl. 260-461.
- Conly, James C., to Douglas Aircraft Co., Inc. Method of making fluorinated phosphate esters. 2,754,317, 7-10-56, Cl. 260-461.
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- Prupis, Robert I. 2,756,491.
- Scheuermann, Otto G., and Natziel. 2,736,062.
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- Ulrich, Frederick. 2,748,460.
- Conn, Arthur L., to Standard Oil Co. Fluid hydroforming with catalyst recycle. 2,741,581, 4-10-56, Cl. 196-50.
- Conn, C. G., Ltd.: *See*—  
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- Krauss, Serge L., and Tennes. 2,755,695.
- Krauss, Serge L., and Tennes. 2,756,330.
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- Conn, George K. T., and H. N. Daglish, to National Research Development Corp. Ionisation gauge. 2,757,306, 7-31-56, Cl. 315-156.
- Conn, Hugh G., to Canadian Patents and Development Ltd. Temperature responsive apparatus for operating an oil burning system. 2,768,675, 10-30-56, Cl. 158-28.
- Conn, John B., to Merck & Co., Inc. Stabilized, oil-soluble vitamins and process of preparing the same. 2,739,167, 3-20-56, Cl. 240-458.
- Conn, John B., and S. L. Norman, to Merck & Co., Inc. Procaine penicillin. 2,739,098, 3-20-56, Cl. 167-65.
- Conn, William K.: *See*—  
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- Schneider, Abraham, and Conn. 2,742,507.
- Conn, William K., to Sun Oil Co. Disproportionation reactions with aluminum chloride. 2,751,423, 6-19-56, Cl. 260-676.
- Conn, William M. Porous alloyed welding fluxes. 2,748,040, 5-29-56, Cl. 148-26.
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- Connecticut Bank & Trust Co., The: *See*—  
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- Kidwell, Alfred S. 2,736,720.
- Kibourne, Frederick L., Jr. 2,774,621.
- Kibourne, Frederick L., Jr., and Moroney. 2,764,505.
- Kibourne, Frederick L., Jr., Moroney, and Kidwell. 2,744,079.
- Mordarski, Walter J. 2,760,747.
- Mordarski, Walter J., and Spencer. 2,743,892.
- Mordarski, Walter J., and Spencer. 2,762,600.
- Connell, Amos C., to Anaconda Wire and Cable Co. Shielded electric power cable. 2,754,352, 7-10-56, Cl. 174-107.
- Connell, Balfour Y., to The B. F. Goodrich Co. Self-sealing article. 2,765,018, 10-2-56, Cl. 152-347.
- Connell, George A.: *See*—  
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- Connell, George A., and E. L. Paddock, to United States Borax & Chemical Corp. Process and composition for application of sodium borate for vegetation control. 2,773,757, 12-11-56, Cl. 71-2.2.
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- Connell, James H. Edge grinding optical lenses. 2,748,541, 6-5-56, Cl. 51-101.
- Connolly, La Vern R., to Eaton Mfg. Co. Pump. 2,775,206, 12-25-56, Cl. 103-42.
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- Connolly, Robert F. and R. W. Van Scoy, to Shell Development Co. Recovering sulfuric acid from acid sludge. 2,766,275, 10-9-56, Cl. 260-504.
- Connolly, William P., to United Engineers & Constructors Inc. Apparatus for separating materials of different specific gravity. 2,771,994, 11-27-56, Cl. 209-172.5.
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- Conner, Clarence L. Tightening means for endless chains. 2,736,206, 2-28-56, Cl. 74-242.11.
- Conner, Guy O., to Republic Steel Corp. Tapping tool. 2,737,670, 3-13-56, Cl. 10-141.
- Conner, Joshua C., Jr., to Hercules Powder Co. Selective oxidation of  $\beta$ -isopropyl naphthalene to  $\beta$ -isopropyl naphthalene hydroperoxide. 2,771,491, 11-20-56, Cl. 260-610.
- Conner, Joshua C., Jr., to Hercules Powder Co. Method for preparation of nitrophenols. 2,774,796, 12-18-56, Cl. 260-622.
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- Connor, James E., Jr., to The Atlantic Refining Co. Preparation of complex hydroxides of platinum and palladium. 2,773,742, 12-11-56, Cl. 23-183.
- Connor, James I. Paintbrush apron. 2,733,471, 2-7-56, Cl. 15-248.
- Connor Lumber and Land Co., The: *See*—  
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- Connor, Milton S. Shield for safety hats. 2,728,913, 1-3-56, Cl. 2-10.
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- Connors, John, to The Greist Mfg. Co. Sewing machine attachment. 2,742,871, 4-24-56, Cl. 112-160.
- Connors, William M., and T. Stortunato, to National Dairy Research Laboratories, Inc. Purification of lactase enzyme and spray-drying with sucrose. 2,773,002, 12-4-56, Cl. 195-63.
- Cononelos, Terry. Hoist hand truck. 2,740,637, 4-3-56, Cl. 280-53.
- Conover, Alonzo E., to Hewitt-Robins Inc. Blending bin. 2,741,464, 4-10-56, Cl. 259-180.
- Conover, William G. Optical testing devices of the perimeter type. 2,731,879, 1-24-56, Cl. 88-20.
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- Conrad, Franklin, to Ethyl Corp. Dehydrochlorination process. 2,763,349, 10-2-56, Cl. 260-656.
- Conrad, Franklin, to Ethyl Corp. Dehydrochlorination process. 2,765,350, 10-2-56, Cl. 260-656.
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- Conrad, Frederick R., Jr. Mitt with renewable surfaces. 2,763,864, 9-25-56, Cl. 2-20.
- Conrad, George H., Sr. Cushioned arch support. 2,765,545, 10-9-56, Cl. 86-3.
- Conrad, Julius M. F., to Brillhart Research Corp. Electric terminal. 2,748,187, 5-29-56, Cl. 174-153.
- Conrad, Loris H.: *See*—  
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- Conrad, Martin B., to Baker Oil Tools, Inc. Well packer. 2,751,013, 6-19-56, Cl. 166-121.
- Conrad, Martin B., to Baker Oil Tools, Inc. Devices for automatically filling well casing. 2,751,023, 6-19-56, Cl. 166-225.
- Conrad, Owen, to American Screen Products Co. Device for assembling framed screens. 2,753,897, 7-10-56, Cl. 140-109.
- Conrad, Rudolf M. P. Production of screened photographic images. 2,754,208, 7-10-56, Cl. 95-5.
- Conradi, Henrik: *See*—  
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- Conradty, C.: *See*—  
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- Conroy, Edward H., Jr., D. K. Eads, and J. R. West, to Texas Gulf Sulphur Co. Cyclic process for recovering sulfur from hydrogen sulfide. 2,765,217, 10-2-56, Cl. 23-225.
- Conroy, Charles L.: *See*—  
 Lyons, Richard E. 2,749,151.
- Conroy, John P., R. C. Lewis, and J. H. Possehl, Jr. Foldable golf club carrier. 2,753,189, 7-3-56, Cl. 280-40.
- Conso Metal Products, Inc.: *See*—  
 Loucory, Adolphe W. 2,746,539.
- Consoletti, Paul C., to Draper Corp. Bobbin bushing. 2,741,438, 4-10-56, Cl. 242-46.6.
- Consoletti, Paul C., to Draper Corp. Thread cutter for looms. 2,752,955, 7-3-56, Cl. 139-263.
- Consoletti, Paul C., to Draper Corp. Shuttle. 2,771,100, 11-20-56, Cl. 139-196.
- Consolidated Car-Heating Co., Inc.: *See*—  
 Hamilton, Wallace. 2,737,621.
- Consolidated Cigar Corp.: *See*—  
 Silberman, Samuel J. 2,767,832.
- Consolidated Edison Co. of New York, Inc.: *See*—  
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- Consolidated Electric Co.: *See*—  
 Cahill, Bernard S. 2,740,847.
- Consolidated Electric Lamp Co.: *See*—  
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- Consolidated Electrodynamics Corp.: *See*—  
 Benapff, John R. 2,775,707.  
 Berry, Clifford E. 2,760,011.  
 Berry, Clifford E. 2,772,366.  
 Burke, Harry E. 2,759,784.  
 Dayton, Benjamin B. 2,771,900.  
 Fox, Frederick L. 2,758,232.  
 Gauger, Roy C. 2,745,059.  
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 Hardway, Edward V., Jr. 2,769,929.  
 Kinkel, John F. 2,752,567.  
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 Perkins, Edward W. 2,767,587.  
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- Consolidated Electrodynamics Corp.: *See*—Continued  
 Robinson, Charles F. 2,760,080.  
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 Robinson, Charles F., Bell, Piccirillo, and Perkins. 2,772,367.  
 Shaffer, Philip A., Jr. 2,745,804.  
 Sink, Robert L. 2,752,502.  
 Sink, Robert L. 2,775,754.  
 Sink, Robert L. 2,775,755.  
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 Strassner, Robert M., and Burke. 2,775,720.  
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- Consolidated Electronics Industries Corp.: *See*—  
 Haydon, Arthur W. 2,740,080.  
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- Consolidated Engineering Corp.: *See*—  
 Berry, Clifford E. 2,764,049.  
 Brubaker, Wilson M. 2,735,942.  
 Lanco, Joseph H., Jr. 2,733,407.  
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- Consolidated General Products, Inc.: *See*—  
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- Consolidated Industries, Inc.: *See*—  
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- Consolidated Iron-Steel Mfg. Co., The: *See*—  
 Maine, James F. 2,746,143.
- Consolidated Metal Products Corp.: *See*—  
 Kellner, Richard G. 2,733,022.
- Consolidated Mining and Smelting Co. of Canada Ltd., The: *See*—  
 Robinson, Joseph N., Miller, and McDonnell. 2,768,168.
- Consolidated Molded Products Corp.: *See*—  
 Phillips, David T. 2,733,073.
- Consolidated Vacuum Corp.: *See*—  
 Bancroft, George H. 2,731,734.
- Consolidated Vultee Aircraft Corp.: *See*—  
 Laddon, Isaac M., and Hall. 2,766,660.
- Consolidated Water Power & Paper Co.: *See*—  
 Jolley, Raymond S. 2,739,378.  
 Mader, James T. 2,738,917.  
 Rush, James A. 2,746,878.
- Constance, Harry S., Jr., and A. C. Wurtzer. Metallic railing structure. 2,771,276, 11-20-56, Cl. 256-22.
- Constantakis, George V., to United States Rubber Co. Elongated, lever members for lacerating tire tread. 2,749,980, 6-12-56, Cl. 164-10.2.
- Constantine, Arthur R. Washing machine. 2,764,884, 10-2-56, Cl. 68-24.
- Constantine, Ferdinand F. Impedance apparatus for producing rapid, regular changes in current flow. 2,761,980, 9-4-56, Cl. 307-157.
- Constantinesco, George, to The Yorkshire Copper Works Ltd. Blowpipes. 2,730,609, 1-10-56, Cl. 219-39.
- Constellation Cup Corp.: *See*—  
 Lander, Edward, and Jacobs. 2,746,626.
- Constock Liquid Methane Corp.: *See*—  
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- Contact Products, Inc.: *See*—  
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- Contact Corp. of America: *See*—  
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 Collura, Peter C. 2,756,900.  
 D'Esposito, Julian C. 2,766,923.  
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 Griswold, Walter R., and Nirelli. 2,739,430.  
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- Contant, Peter R.: *See*—  
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- Conte, Henry. Water closet flush tanks. 2,732,562, 1-31-56, Cl. 139-196.
- Conti, John D.: *See*—  
 Clemente, Agostino. 2,757,584.
- Conti, John D., to American Viscose Corp. Apparatus for making wrapper with tearing strip. 2,739,512, 3-27-56, Cl. 98-2.
- Conti, John D., to American Viscose Corp. Article-packaging apparatus. 2,749,692, 6-12-56, Cl. 53-234.
- Conti, John D., to American Viscose Corp. Sheet. 2,759,543, 8-21-56, Cl. 164-61.
- Continental Assurance Co.: *See*—  
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- Continental Can Co., Inc.: *See*—  
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 Albright, Edwin L., and Catalano. 2,773,280.  
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 Bergstrom, Harold A. 2,775,385.  
 Bergstrom, Harold A. 2,775,395.  
 Boyd, John M., and Parris. 2,758,766.  
 Cartwright, William J. 2,755,366.  
 Engstrom, William A. 2,764,096.  
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- Continental Can Co., Inc.: *See*—Continued  
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 Johnson, Scott R. 2,765,599.  
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 Lucas, Alexander H., Jr. 2,775,394.  
 Newell, Kenneth F. 2,750,090.  
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 Nyden, Robert. 2,762,539.  
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 Piazze, Thomas E. 2,759,648.  
 Piazze, Thomas E. 2,760,320.  
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 Piazze, Thomas E., and Baxter. 2,773,285.  
 Piazze, Thomas E., and McCluskey. 2,749,817.  
 Punte, William F. 2,753,203.  
 Punte, William F. 2,772,907.  
 Richens, Arthur W. 2,773,435.  
 Rockwell, Frederick W. 2,775,336.  
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- Continental Connector Corp.: *See*—  
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 Gilbert, Leon. 2,746,023.
- Continental Copper & Steel Industries, Inc.: *See*—  
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- Continental Electronics Mfg. Co.: *See*—  
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- Continental Folding Paper Box Co., Inc.: *See*—  
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 Rossun, Robert T. 2,765,906.
- Continental Foundry & Machine Co.: *See*—  
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- Continental Gels Co.: *See*—  
 Deems, Frank E. 2,757,601.  
 Deems, Frank E. 2,769,208.  
 Greeley, Mark S., and Kimbro. 2,730,228.
- Continental Gummi-Werke Aktiengesellschaft: *See*—  
 Beckadolph, Richard, and Niclas. 2,770,977.
- Continental Machines, Inc.: *See*—  
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 Harrington, John A. 2,774,201.
- Continental Motors Corp.: *See*—  
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 Altman, Peter, and Robinette. 2,741,236.  
 Isley, Walter F. 2,749,898.  
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 Kinney, David C. 2,737,940.  
 Powell, Robert J. 2,770,511.  
 Powell, Robert J., and Champion. 2,759,468.  
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- Continental Oil Co.: *See*—  
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 De Witte, Leendert. 2,737,810.  
 De Witte, Leendert. 2,752,562.  
 Doty, William E. N., and West. 2,750,575.  
 Haverfield, Fern B. 2,729,291.  
 Sharrah, Marion L. 2,743,804.  
 Wann, Raymond D. 2,742,606.
- Continental Paper Co.: *See*—  
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- Continental Plastic Corp.: *See*—  
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- Continental Radiant Glass Refracting Corp.: *See*—  
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- Continental Say-When Corp.: *See*—  
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- Continental Scale Corp.: *See*—  
 Weber, Mathias J. 2,766,038.
- Continental Specialties Co., Ltd.: *See*—  
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- Continental Steel Corp.: *See*—  
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- Continental Transport Appliances, Ltd.: *See*—  
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- Continental X-Ray Corp.: *See*—  
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- Continuous Metalcast Co., Inc.: *See*—  
 Easton, Rufus, and Wilson. 2,775,008.  
 Rossi, Irving. 2,743,494.
- Contratto, Lorenz. Method of making wooden structural elements, in particular floor-covering slabs and a wooden structural element made according to this method, in particular a floor covering slab. 2,732,597, 1-31-56, Cl. 20-75.
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 Guanella, Gustav, Güttinger, Lattmann, and Weber. 2,730,715.  
 Lattmann, Max. 2,763,856.  
 Weber, Josef, Grab, and Pribitzer. 2,757,050.
- Contreras, Waldo L. Taco cooking machine. 2,773,442, 12-11-56, Cl. 99-404.
- Control Instrument Co., Inc.: *See*—  
 Libman, Earl E., Flalkow, Bozeman, and Gerst. 2,762,565.
- Control Mig. Co.: *See*—  
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- Controls Co. of America: *See*—  
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- Controls Corp. of America: *See*—  
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- Constur Abrasive Co., Inc.: *See*—  
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- Converse, Sherman to Graniteville Co. Process for preparing a heat insulated fabric. 2,769,722, 11-6-56, Cl. 117-8.
- Converse, Vernon G. III, and E. L. Cline, to G. L. Mankervis Co. Quick detachable fluid pressure actuated coupling. 2,742,395, 4-17-56, Cl. 285-165.
- Converfi-Bench Corp.: *See*—  
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- Conveying Developments Ltd.: *See*—  
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- Conveyor Co., Inc. The: *See*—  
 Saxe, Walter E. 2,743,860.  
 Saxe, Walter E. 2,758,446.  
 Saxe, Walter E. 2,760,634.  
 Saxe, Walter E. 2,766,076.  
 Saxe, Walter E. 2,767,853.
- Convoy, Inc.: *See*—  
 Sredman, Allan L. and King. 2,757,852.
- Conway, Hugh G., and A. E. Elmer, to British Messier Ltd. Servo-assisted control systems. 2,750,928, 6-19-56, Cl. 121-41.
- Conway, Hugh G., to British Messier Ltd. Safety devices for apparatus containing stored pressure energy. 2,775,201, 12-25-56, Cl. 102-49.
- Conway, John E. Cargo loading attachment for fork trucks. 2,773,615, 12-11-56, Cl. 214-620.
- Conway, John J. Baseball practice device. 2,751,226, 6-19-56, Cl. 275-26.
- Conway, William H.: *See*—  
 Pabst, Philip F., and Conway. 2,734,454.
- Conway, William M. Trap. 2,741,066, 4-10-56, Cl. 43-121.
- Conyers, John E. Insect exterminator. 2,736,128, 2-28-56, Cl. 43-131.
- Coodly, John L., to Cinch, Inc. Pipe bending machine. 2,740,452, 4-3-56, Cl. 153-32.
- Coodly, John L., to Cinch, Inc. Pipe bending machine. 2,740,453, 4-3-56, Cl. 153-32.
- Cook, Alan A., and D. C. Gilkeson, to Wollensak Optical Co. Three component objectives for photographic and projection purposes. 2,768,572, 11-6-56, Cl. 88-57.
- Cook, Albert N.: *See*—  
 Cataldo, John B., Tidd, and Cook. 2,757,256.
- Cook, Albert N., to John B. Pierce Foundation. Thermodynamically operated control device. 2,756,761, 7-31-56, Cl. 137-79.
- Cook, Albert W., to The Goodyear Tire & Rubber Co. Reinforced tire supporting member. 2,734,778, 2-14-56, Cl. 301-8.
- Cook, Albert W., to The Goodyear Tire & Rubber Co. Metal wheel. 2,734,780, 2-14-56, Cl. 301-63.
- Cook Bros. Equipment Co.: *See*—  
 Harbers, Henry C., and Sharpe. 2,729,435.
- Cook, Charles C., Jr., to International Minerals & Chemical Corp. Beneficiating method and apparatus therefor. 2,738,087, 3-13-56, Cl. 209-127.
- Cook Coffee Co.: *See*—  
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- Cook, Curtiss L., to Deere & Co. Plow disk. 2,746,371, 5-22-56, Cl. 97-217.
- Cook, Curtiss L., to Deere & Co. Mounting arrangement for tractor carried reversible scoop. 2,760,284, 8-28-56, Cl. 37-124.
- Cook, Earle S., and R. T. Whitney, to Westinghouse Air Brake Co. Load compensating brake apparatus. 2,736,612, 2-28-56, Cl. 303-22.
- Cook, Edward D. Timing indicator tape. 2,772,650, 12-4-56, Cl. 116-124.
- Cook, Edward G.: *See*—  
 Van Valkenburg, Howard E., and Cook. 2,740,289.
- Cook, Einar. Apparatus for mounting earth working tools in cultivators and the like. 2,737,870, 3-13-56, Cl. 97-201.
- Cook Electric Co.: *See*—  
 Anderson, Alton D., Bellamy, and McGowan. 2,756,404.
- Baker, John S. 2,756,367.  
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 Leslie, Walter G., and Gunderson. 2,764,647.  
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- Cook, Ellsworth D., to General Electric Co. Smoothness monitoring device. 2,755,702, 7-24-56, Cl. 88—14.
- Cook, Ernest E.: *See—*
- Sadler, Harry J., and Cook. 2,732,804.
- Sadler, Harry J., and Cook. 2,739,537.
- Sadler, Harry J., and Cook. 2,765,745.
- Cook, Ernest F.: *See—*
- Dingman, Thomas C., and Cook. 2,767,571.
- Cook, Ernest P., deceased, by F. B. Cook, executrix, to Brown Co. Dewatering apparatus. 2,734,429, 2-14-56, Cl. 92—43.
- Cook, Fern R.: *See—*
- Cook, Ernest P. 2,734,429.
- Cook, Frances E., Marble runway. 2,729,914, 1-10-56, Cl. 46—43.
- Cook, Francis F., and J. E. Spriggs, to Pictorial Machinery Ltd. Bells and indexing means for printing machines. 2,744,458, 5-8-56, Cl. 95—73.
- Cook, George C. Combination oil retainer and dust guard. 2,734,759, 2-14-56, Cl. 286—6.
- Cook, George H., Jr., to Hercules Powder Co. Process of recovering rosin from resinous wood. 2,757,169, 7-31-56, Cl. 260—110.
- Cook, George H., Jr., to Hercules Powder Co. Process of recovering resin from resinous wood. 2,757,170, 7-31-56, Cl. 260—110.
- Cook, George H., and A. Manteuffel, to The Pure Oil Co. Soluble oil composition. 2,764,549, 9-25-56, Cl. 252—33.3.
- Cook, Gordon H., to Taylor, Taylor & Hobson Ltd. Wide angle anamorphic attachments for optical objectives. 2,752,821, 7-3-56, Cl. 88—57.
- Cook, Gordon H., to Taylor, Taylor & Hobson Ltd. Optical objective comprising six air spaced components in axial alignment. 2,774,280, 12-18-56, Cl. 88—57.
- Cook, Graham.: *See—*
- Felbeck, George T., Cook, and Cosner. 2,752,591.
- Cook, Harold M., to Burlington Industries, Inc. Machines for producing bows and poms from ribbons. 2,775,377, 12-25-56, Cl. 223—46.
- Cook, Harry M., to E. I. du Pont de Nemours and Co. Yarn cutter. 2,747,663, 5-29-56, Cl. 164—38.
- Cook, Herbert A. Vibrator. 2,734,962, 2-14-56, Cl. 200—93.
- Cook, Herbert A. Power conversion system. 2,763,829, 3-15-56, Cl. 32—49.
- Cook, Jay E. Ball return and throwing device. 2,765,171, 10-2-56, Cl. 273—30.
- Cook, Jerome F.: *See—*
- Euker, Edwin M., and Cook. 2,761,308.
- Cook, John T., and L. E. Willett, to Chamberlin Co. of America. Detection screen locking means. 2,739,471, 3-27-56, Cl. 70—120.
- Cook, John V., to Read Standard Corp. Baking oven. 2,762,321, 9-11-56, Cl. 107—63.
- Cook, Lawrence H.: *See—*
- Lencioni, Louis J. 2,769,429.
- Cook, Leon. Lead sleeve expanding device. 2,743,837, 5-1-56, Cl. 218—19.
- Cook, Leslie J., to Chromatic Television Laboratories, Inc. Grid structure for color television tube. 2,731,582, 1-17-56, Cl. 315—14.
- Cook, Leslie J., and L. T. Quaglia, to Chromatic Television Laboratories, Inc. Grid structure for cathode-ray tubes designed for polychrome image reproduction. 2,772,376, 11-27-56, Cl. 313—78.
- Cook, Lucien H., A. W. Hodge, Jr., and J. Colonias, to Chemical Construction Corp. Granulation of fertilizers. 2,743,660, 12-13-56, Cl. 71—84.
- Cook, Luton L.: *See—*
- Kehres, Charles V., and Cook. 2,741,401.
- Cook, Lyman, to The Foxboro Co. Differential pressure responsive diaphragm device. 2,761,471, 9-4-56, Cl. 137—78.
- Cook, Newell C., to General Electric Co. Preparation of fluorinated polymers with oxygen difluoride catalyst. 2,757,167, 7-31-56, Cl. 260—92.1.
- Cook, Newell C., J. D. Cobine, and J. K. Wolfe, to General Electric Co. Hydrogen reduction method and apparatus. 2,757,168, 10-2-56, Cl. 25—153.
- Cook, Ralph L., to The University of Illinois Foundation. Modified high zircon refractory. 2,752,259, 6-26-56, Cl. 106—57.
- Cook, Raymond D., and W. A. Lang, to Steel City Electric Co. Switch box. 2,738,894, 3-20-56, Cl. 220—3.3.
- Cook Research Laboratories.: *See—*
- Lencioni, Louis J. 2,769,429.
- Cook, Robert E. Nursing bottle holders. 2,755,051, 7-17-56, Cl. 248—102.
- Cook, Robert W., to Anthony Wayne Improvement Co., Inc. Method and apparatus for testing and protecting gas main joints. 2,766,614, 10-16-56, Cl. 73—46.
- Cook, Robin J., to Diamond Abrasive Products Ltd. Shaping of bodies of crystalline carbon. 2,735,421, 2-21-56, Cl. 125—30.
- Cook, Shirley E., to Ethyl Corp. Manufacture of electrode capsules. 2,764,858, 10-2-56, Cl. 53—22.
- Cook, Stanley S., to The Parsons Marine Steam Turbine Co. Ltd. Tubular surface heat exchanger. 2,735,653, 2-21-56, Cl. 257—286.
- Cook, Walter L., and J. B. Danel, to Boeing Airplane Co. Method and apparatus for forming helical blade. 2,761,958, 9-4-56, Cl. 219—153.
- Cook, William H.: *See—*
- Marnon, Edward S., Zier, and Cook. 2,759,563.
- Marnon, Edward S., Zier, and Cook. 2,766,850.
- Cook, William H. Male electric plug. 2,745,077, 5-8-56, Cl. 339—99.
- Cook, William H., Jr.: *See—*
- Anderson, Roy H., Cook, and Dunn. 2,764,374.
- Cooke, Albert E.: *See—*
- Martin, Charles S., and Cooke. 2,744,174.
- Cooke, Alfred A., and M. D. Mears, to the United States of America as represented by the Secretary of the Army. Air pressure regulator. 2,737,879, 3-13-56, Cl. 98—119.
- Cooke, Allen E. Autographic registers. 2,743,944, 5-1-56, Cl. 282—18.
- Cooke, Allie E. Gauge and guide implement. 2,759,268, 8-21-56, Cl. 33—168.
- Cooke, Arthur H., H. W. B. Skinner, and A. G. Ward, to English Electric Valve Co. Ltd. Transmission control devices adapted as a switch. 2,738,418, 3-13-56, Cl. 250—13.
- Cooke, Ernest S.: *See—*
- Henry, Albert R., and Cooke. 2,740,211.
- Cooka, Giles B., and W. C. Rainer, to Crown Cork & Seal Co., Inc. Gasket and method of making same. 2,750,322, 6-12-56, Cl. 154—139.
- Cooke, Giles B., and M. N. Timbs, to Crown Cork & Seal Co., Inc. Printer's blanket and method of making same. 2,752,280, 6-26-56, Cl. 154—118.
- Cooke, Giles B., and M. N. Timbs, to Crown Cork & Seal Co., Inc. Method of continuous vulcanizing of rubber. 2,770,841, 11-20-56, Cl. 18—53.
- Cooke, Henry H., and H. C. De Hoff, to Esso Research and Engineering Co. Corrosion preventive composition. 2,758,981, 8-14-56, Cl. 260—23.
- Cooke, James W.: *See—*
- Travilla, James C., and Cooke. 2,745,358.
- Cooke, James W., to General Steel Castings Corp. Railway gondola car structure. 2,754,770, 7-17-56, Cl. 105—406.
- Cooke, James W., to General Steel Castings Corp. Railway truck. 2,754,771, 7-17-56, Cl. 105—133.
- Cooke, Reginald B. W.: *See—*
- Reeves, Alec H., and Cooke. 2,770,740.
- Cooke, Robert S. Fastening for boxes, cases, and the like. 2,744,778, 5-8-56, Cl. 292—250.
- Cooke, Theodore F., and J. W. Kastes, to American Cyanamid Co. Process of producing hydrophobic, organophilic pigments. 2,742,375, 4-17-56, Cl. 106—308.
- Cooke-Yarborough, Edmund H.: *See—*
- Barnes, Richard C. M., and Cooke-Yarborough. 2,753,488.
- Cookson Co.: *See—*
- Cookson, Harold W., Jr., Forestier, and Wardlaw. 2,763,036.
- Cookson, Harold W., Jr., E. H. Forestier, Jr., and R. Wardlaw, to Cookson Co. Door construction. 2,763,036, 9-18-56, Cl. 20—19.
- Cookson, Leonard T., and W. R. Smith, to The Upjohn Co. Means for positively moving containers from a predetermined position. 2,737,285, 3-6-56, Cl. 198—24.
- Cookson, Jack W.: *See—*
- Lewis, Reed, Cookson, and Coffey. 2,757,077.
- Cooley, Elihu H., to Stanolind Oil and Gas Co. Detecting corrosion of well casing. 2,770,773, 11-13-56, Cl. 324—57.
- Cooley, Glen E. Two piece angularly adjustable tool handle. 2,742,936, 4-24-56, Cl. 145—108.
- Cooley, Glen E.: *See—*
- Facer, Leroy H. 2,739,885.
- Facer, Leroy H. 2,739,886.
- Facer, Leroy H. 2,740,115.
- Facer, Leroy H. 2,740,116.
- Coolidge, Charles A.: *See—*
- Cohn, Edwin J. 2,770,616.
- Coolidge, Roger S. Storage battery electrodes and method of making the same. 2,757,541, 3-6-56, Cl. 136—20.
- Coolman, Ford L., and M. E. Graham, to Republic Steel Corp. Process of accelerating the final portion of the direct reduction of iron oxide to metallic iron. 2,744,005, 5-1-56, Cl. 75—34.
- Coombe, Raymond B. Automatic control for gas making machines. 2,730,437, 1-10-56, Cl. 48—74.
- Cooney, James S., to Metals & Controls Corp. Method of making electrical contacts. 2,739,369, 3-27-56, Cl. 29—155.55.
- Cooney, James S., to Metals & Controls Corp. Method of making electrical contacts. 2,739,370, 3-27-56, Cl. 29—155.55.
- Coonrad, Harry L., and W. K. Leaman, to Socony Mobil Oil Co., Inc. Ion exchange removal of mercaptans from petroleum. 2,730,486, 1-10-56, Cl. 196—24.
- Coonrad, Harry L., and B. W. Rope, to Socony Mobil Oil Co., Inc. Production of naphthalene. 2,750,432, 6-12-56, Cl. 285—672.
- Coonrad, Harry L., and W. K. Leaman, to Socony Mobil Oil Co., Inc. Horizontally expanding ion-exchange bed. 2,754,262, 7-10-56, Cl. 210—24.
- Coonrad, Harry L., and W. K. Leaman, to Socony Mobil Oil Co., Inc. Method for reducing fracturing of ion-exchange resins. 2,772,236, 11-27-56, Cl. 210—24.
- Coonrad, Harry L., and W. K. Leaman, to Socony Mobil Oil Co., Inc. Demethylation over chromia or molybdena catalysts. 2,773,917, 12-11-56, Cl. 260—672.
- Coonrad, Harry L., and W. K. Leaman, to Socony Mobil Oil Co., Inc. Production of methylnaphthalenes. 2,774,801, 12-18-56, Cl. 260—672.
- Coonrod, Lew G., Jr., to the United States of America as represented by the Secretary of War. Jig for vane-type magnetrons. 2,756,709, 7-31-56, Cl. 113—99.

- Coons, Burton C., to Food Machinery and Chemical Corp. Pear feeding, peeling, halving, seed culling, and trimming machine. 2,740,441, 4-3-56, Cl. 146-33.
- Coons, Burton C., and W. B. Pear feeding, stemming, end trimming, peeling, seed culling and halving machine. 2,742,067, 4-17-56, Cl. 146-33.
- Coons, Curtis C., to The Hoover Co. Filter mounting means. 2,766,843, 10-16-56, Cl. 183-37.
- Coons, Willard B.: *See*—
- Coons, Burton C. and W. B. 2,742,067.
- Cooper, Alfred, and L. B. MacQueen, to Expanded Rubber Co. Ltd. Production of cellular polyvinyl plastics. 2,746,940, 5-22-56, Cl. 260-2.5.
- Cooper Alloy Corp.: *See*—
- McMott, Norman S. 2,750,282.
- Cooper, Basil P.: *See*—
- Lynam, John E., and Cooper. 2,731,818.
- Cooper, Benjamin: *See*—
- Gilmont, Roger, and Schwartz. 2,749,221.
- Cooper, Benjamin, to Research Electronics & Devices Co., Inc. Toll checking system. 2,736,630, 2-28-56, Cl. 346-107.
- Cooper, Benjamin, Toll checking system. 2,741,453, 4-10-56, Cl. 235-92.
- Cooper, Benjamin, to Research Electronics & Devices Co., Inc. Toll checking system. 2,753,113, 7-3-56, Cl. 235-61.7.
- Cooper, Benjamin, and A. F. Hohmann, to Research Electronics & Devices Co., Inc. Paper feed. 2,732,797, 1-31-56, Cl. 101-288.
- Cooper, Benjamin, and A. F. Hohmann, to Research Electronics & Devices Co., Inc. Scale recorder. 2,741,529, 4-10-56, Cl. 346-98.
- Cooper, Benjamin, A. F. Hohmann, and J. S. Wapner; said Hohmann and said Wapner assors, to said Cooper. Digital converter. 2,749,538, 6-5-56, Cl. 340-345.
- Cooper, Benjamin, and A. F. Hohmann; said Hohmann assor, to said Cooper. Sensing device. 2,755,023, 7-17-56, Cl. 52-61.11.
- Cooper, Benjamin, and M. Charet; said Charet assor, to said Cooper. Treadle and treadle frame. 2,761,928, 9-4-56, Cl. 200-86.
- Cooper, Benjamin, and L. M. Keefe; said Keefe assor, to said Cooper. Reproducing punch. 2,768,691, 10-30-56, Cl. 164-112.
- Cooper-Bessemer Corp., The: *See*—
- Gehres, Hewitt A. 2,745,502.
- Reed, Nelson G. 2,746,725.
- Cooper, Calvin A., to F. J. Melges. Dismountable picnic table. 2,746,525, 5-22-56, Cl. 155-124.
- Cooper, Carl M., 40% to S. Fishfader. Boom angle indicator for cranes. 2,772,411, 11-27-56, Cl. 340-282.
- Cooper Carton Corp.: *See*—
- Kravitz, Bernard H. 2,749,017.
- Cooper, Charles R.: *See*—
- Bledsoe, Carl M. 2,741,358.
- Cooper, Charles G. Band-clamps for conduits. 2,751,651, 6-26-56, Cl. 24-20.
- Cooper, Clark Jr., to Scaico Controls, Inc. Thermostatic switch. 2,734,968, 2-14-56, Cl. 200-137.
- Cooper, Clifford B.: *See*—
- Osberg, Chester F., and Cooper. 2,771,533.
- Cooper, Douglas I.: *See*—
- Thompson, James I. 2,741,902.
- Cooper, Fernore B.: *See*—
- Holman, Keith M., and Cooper. 2,767,459.
- Cooper, Frederic D.: *See*—
- Senkowski, Alexander, and Cooper. 2,775,308.
- Cooper, Henry G., and M. H. Dickinson. Apparatus for beaching seaplanes. 2,743,697, 5-1-56, Cl. 114-230.
- Cooper, Hugh E. Weed cleaner adapter unit for combines and auger extension therefor. 2,751,078, 6-19-56, Cl. 209-241.
- Cooper, Hugh E. Disk harrow. 2,760,323, 8-28-56, Cl. 55-73.
- Cooper, Hugh E. Disk harrow with stalk ejector. 2,760,424, 8-28-56, Cl. 97-224.
- Cooper, Hugh S., to W. M. Weil. Process and composition for treating molten aluminum. 2,734,820, 2-14-56, Cl. 75-68.
- Cooper, Hugh S., to W. M. Weil. Electrolytic production of manganese and ferromanganese. 2,752,299, 6-26-56, Cl. 204-10.
- Cooper, Hugh S., to W. M. Weil. Beneficiating titanium oxide ores. 2,752,300, 6-26-56, Cl. 204-10.
- Cooper, Hugh S., to W. M. Weil. Recovery of chromium and iron values from chromium-iron ores. 2,752,301, 6-26-56, Cl. 204-10.
- Cooper, Hugh S., to W. M. Weil. Fused bath electrolysis of metal chlorides. 2,752,303, 6-26-56, Cl. 204-64.
- Cooper, Ivan O., to California Eastern Airways, Inc. Self-propelled wheeled hangar for airplane wings. 2,744,581, 5-8-56, Cl. 180-1.
- Cooper, James E.: *See*—
- Brooks, Ernest G., and Cooper. 2,744,534.
- Cooper, John B., and N. W. Brown, to General Electric Co. Circuit breaker mounting for stationary electrical induction apparatus. 2,765,382, 10-2-56, Cl. 200-173.
- Cooper, John D. Method of making signs of chain. 2,736,089, 2-28-56, Cl. 29-460.
- Cooper, John E., and R. D. Stackhouse. Locking means for coupling building wall panels. 2,746,098, 5-22-56, Cl. 20-4.
- Cooper, John T.: *See*—
- Bailey, William D., and Cooper. 2,771,094.
- Cooper, Joseph. Slide assembly for slide leaf extension tables. 2,772,131, 11-27-56, Cl. 311-55.
- Cooper, Justin F. C.: *See*—
- Lichtenwalter, Myrl, and Cooper. 2,773,070.
- Cooper, Lewis G.: *See*—
- Trimble, George S., Jr., Cooper, and Hess. 2,768,526.
- Cooper, Lonzo S., to General Motors Corp. Oil failure safety control. 2,768,708, 10-30-56, Cl. 184-6.
- Cooper, Lyle M.: *See*—
- Ricards, Harold A., Jr., Matheson, Cooper, Knox, and Russell. 2,741,177.
- Cooper, Lyle M., to the United States of America as represented by the Secretary of War. Fuze. 2,737,117, 3-6-56, Cl. 102-73.
- Cooper, M. W.: *See*—
- Nolan, Patrick R. 2,772,547.
- Cooper, Grin N. Clothes rinsing means for wringers. 2,748,586, 6-5-56, Cl. 68-22.
- Cooper, Ray L., and E. G. Boxel, Jr. Stabilizer means for vehicles and the like. 2,757,749, 8-7-56, Cl. 180-82.
- Cooper, Robert H., to Monsanto Chemical Co. Manufacture of 2,4,5-trichlorophenoxy acetic acid. 2,767,211, 10-16-56, Cl. 260-521.
- Cooper, Roland S., and B. S. Kelley, to The Air Preheater Corp. Inter-deck soot blower. 2,766,969, 10-16-56, Cl. 257-1.
- Cooper, Ronald H., to The Dow Chemical Co. Cements comprising an aqueous solution of an alkali metal silicate and a polysiloxane which contains hydrocarboxy groups. 2,762,785, 9-11-56, Cl. 260-29.2.
- Cooper, Ross J. Gripping mechanism. 2,766,061, 10-9-56, Cl. 293-117.
- Cooper, Roy L., to Waterman Engineering Co. Differential electrical motor. 2,740,060, 3-27-56, Cl. 310-122.
- Cooper, Samuel W. Combination ripper attachment for scrapers and bulldozers. 2,747,309, 5-29-56, Cl. 37-145.
- Cooper, Victor J., to Marconi's Wireless Telegraph Co. Ltd. Multiple unit D. C. power supply systems. 2,760,082, 8-21-56, Cl. 307-43.
- Cooper, Woodrow J. Portable device for trimming trees. 2,748,476, 6-5-56, Cl. 30-167.
- Cooper, Worden L.: *See*—
- Stout, Glenn M., and J. M., and Cooper. 2,732,167.
- Co-Operative Industries, Inc.: *See*—
- Anderson, Franklin T. 2,759,989.
- Anderson, Franklin T. 2,760,172.
- Co-Operative Wholesale Society Ltd.: *See*—
- Eales, John G. R., and Hale. 2,744,325.
- Cooperman, Bernard: *See*—
- Schneider, Arthur W., and Cooperman. 2,740,842.
- Schneider, Arthur W., Cooperman, and Allen. 2,741,667.
- Cooperider, Myron T.: *See*—
- Swenson, Paul F., and Cooperider. 2,772,834.
- Cooper's Inc.: *See*—
- Tuttle, James B., and Wyss. 2,755,924.
- Coopersmith, Rudolph. Foldable sofa bed and lock therefor. 2,745,113, 5-15-56, Cl. 5-31.
- Cootes, Harold E., and R. L. Tritt, to Aircraft-Marine Products, Inc. Feeding mechanism for automatic terminal applying machine. 2,765,468, 10-9-56, Cl. 1-177.
- Coover, Harry W., Jr.: *See*—
- Shearer, Newton H., and Coover. 2,748,050.
- Coover, Harry W., Jr., to Eastman Kodak Co. Polymerization of acrylonitrile in the presence of N-vinyl acylamide polymers. 2,735,830, 2-21-56, Cl. 260-45.5.
- Coover, Harry W., Jr., to Eastman Kodak Co. Polymerization of acrylonitrile in the presence of modified preformed polymers. 2,735,831, 2-21-56, Cl. 260-45.5.
- Coover, Harry W., Jr., to Eastman Kodak Co. Resinous, linear polymeric alkanephosphonates. 2,743,258, 4-24-56, Cl. 260-49.
- Coover, Harry W., Jr., to Eastman Kodak Co. Alkyl amido pyro-phosphorus insecticides. 2,756,250, 7-24-56, Cl. 260-461.
- Coover, Harry W., Jr., to Eastman Kodak Co. Alcohol-catalyzed  $\alpha$ -cyanoacrylate adhesive compositions. 2,768,109, 10-23-56, Cl. 154-133.
- Coover, Harry W., Jr., and J. B. Dickey, to Eastman Kodak Co. Polymerization of acrylonitrile in the presence of preformed interpolymers. 2,732,363, 1-24-56, Cl. 260-45.5.
- Coover, Harry W., Jr., and J. B. Dickey, to Eastman Kodak Co. Solutions of polymers of vinylidene chloride. 2,742,444, 4-17-56, Cl. 260-30.6.
- Coover, Harry W., Jr., and J. B. Dickey, to Eastman Kodak Co. Copolymer of  $\alpha$ -dibutylphosphonatestyrene and acrylonitrile. 2,743,261, 4-24-56, Cl. 260-85.5.
- Coover, Harry W., Jr., and N. H. Shearer, Jr., to Eastman Kodak Co.  $\alpha$ -chloroacetamido-acrylic esters and their homo- and co-polymers. 2,743,262, 4-24-56, Cl. 260-85.5.
- Coover, Harry W., Jr., J. B. Dickey, and T. E. Stanin, to Eastman Kodak Co. Process for polymerizing acrylonitrile in the presence of sulfonic acids. 2,743,263, 4-24-56, Cl. 260-85.7.
- Coover, Harry W., Jr., J. E. Guillet, and E. V. Martin, to Eastman Kodak Co. Bleaching of polyacrylonitrile fibers. 2,751,277, 6-19-56, Cl. 8-107.
- Coover, Harry W., Jr., and R. L. McConnell, to Eastman Kodak Co. Phosphonamide derivatives of triazine. 2,751,384, 5-19-56, Cl. 260-248.
- Coover, Harry W., Jr., and J. B. Dickey, to Eastman Kodak Co. Monomers, polymers, and copolymers of allyl esters of trifluoroacetic acid. 2,759,912, 8-21-56, Cl. 260-85.5.
- Coover, Harry W., Jr., and N. H. Shearer, Jr., to Eastman Kodak Co. Single-stage mixed monomer adhesive compositions. 2,763,585, 9-18-56, Cl. 154-43.



- Coover, Harry W., Jr., and J. B. Dickey, to Eastman Kodak Co. Acrylonitrile polymers containing vinyl chloride or vinylidene chloride. 2,763,631, 9-18-56, Cl. 260-45.5.
- Coover, Harry W., Jr., and J. B. Dickey, to Eastman Kodak Co. Stabilized alpha-cyanoacrylate adhesive compositions. 2,765,332, 10-2-56, Cl. 260-46.4.
- Copco Steel & Engineering Co.: See—  
Carnick, Lyle. 2,753,964.
- Cope, Andrew P.: See—  
Vacquier, Victor, Cope, and Proskauer. 2,729,108.
- Cope, Archie C. Vehicle turn signal switch. 2,738,388, 9-13-56, Cl. 200-61.29.
- Cope, Arthur C.: See—  
Campbell, Hugh C., and Cope. 2,772,314.
- Cope, Arthur C., and H. L. Jackson, to E. I. du Pont de Nemours & Co. Preparation of acyl phosphoric esters. 2,748,133, 5-29-56, Cl. 260-49.1.
- Cope, John E., and R. Theile, to Cathodene Ltd. System for correcting the equilibrium potential of storage tubes. 2,733,292, 1-31-56, Cl. 178-7.2.
- Cope, John E., and D. H. Fisher, to Pye Ltd. Interference limiters. 2,774,865, 12-18-56, Cl. 250-20.
- Cope, Kenneth B.: See—  
Swartz, Richey L. 2,729,336.
- Cope, William E.,  $\frac{1}{2}$  to Buffalo Pottery, Inc., and  $\frac{1}{2}$  to Royal China, Inc. Means for decorating cups, bowls, and similar articles. 2,756,671, 7-31-56, Cl. 101-39.
- Copelan, Kenneth J.: See—  
Colby, Robert A., Copeland, Passman, and Wulfsberg. 2,756,573.
- Copeland, Henry G., to The American Brass Co. Expandable ferrule for metal tubing. 2,757,691, 8-7-56, Cl. 138-58.
- Copell, Daniel K. Clasp for holding articles. 2,733,492, 2-7-56, Cl. 24-25.5.
- Copeman Laboratories Co.: See—  
Copeman, Lloyd G. 2,749,719.
- Copeman, Lloyd G., to Copeman Laboratories Co. Portable beverage conditioning and dispensing apparatus. 2,749,719, Cl. 62-9.
- Copenhaver, James E., W. A. Biggs, Jr., and W. H. Baxley, to Sonoco Products Co. Solvent extraction of black liquor. 2,744,927, 5-8-56, Cl. 260-527.
- Copenhaver, John W., to General Aniline & Film Corp. Preparation of conjugated dienes. 2,739,995, 3-27-56, Cl. 260-681.
- Copenhaver, John W., to General Aniline & Film Corp. Addition of acetals and ketals to olefins. 2,768,212, 10-23-56, Cl. 260-611.
- Copenhaver, Roy T. Adjustable table legs. 2,746,822, 5-22-56, Cl. 311-39.
- Copes, John C.: See—  
Carlisle, James V., Copes, Weeks, and Zachariah. 2,756,472.
- Coplen, George. Holding devices for ribbon-type can-opening machines. 2,733,229, 1-17-56, Cl. 7-1.
- Coplen, George. Floor scrubbing machine. 2,731,659, 1-24-56, Cl. 15-320.
- Coplen, George. Safety release for vaults, refrigerators, and the like. 2,733,090, 1-31-56, Cl. 292-94.
- Coppy, Harold E.: See—  
Wolkup, Lewis E., Copley, and Beckdahl. 2,750,922.
- Copozzola, Joseph: See—  
Ransom, Henry M. 2,767,583.
- Copp, John I., to Bethlehem Steel Co. Wedge fillers for suspension bridge cables. 2,748,407, 6-5-56, Cl. 14-22.
- Coppa, Ferdinand. Weaving looms. 2,757,692, 8-7-56, Cl. 139-124.
- Copper Research: See—  
Furness, William H. 2,738,283.
- Copperwell Steel Co.: See—  
McIlwaine, William J. 2,749,607.
- Sparkes, Harry P., Ayers, and Newman. 2,765,526.
- Copping, Brian, to Atkron, Inc. Conveyor for bottle crate unloading machine. 2,759,593, 8-21-56, Cl. 198-179.
- Copping, Bruce G. Beverage dispensing apparatus. 2,748,982, 6-5-56, Cl. 222-108.
- Copping, John B.: See—  
Roberts, Graham E., and Copping. 2,769,977.
- Coppoe, William J.: See—  
Dilworth, John P., Eckert, and Coppoe. 2,755,247.
- Coppock, Walter J., to Sun Oil Co. Lubricants. 2,734,032, 2-7-56, Cl. 252-52.
- Coppola, James S. Control device for sliding members. 2,752,185, 6-26-56, Cl. 292-78.
- Coppola, Patrick P., R. C. Hughes, and O. G. Koppius, to North American Phillips Co., Inc. Thermionic cathode and method of making the same. 2,769,708, 11-6-56, Cl. 7-206.
- Couquet, Jules, to Ateliers de Constructions Electriques de Charleroi. Teletypewriter systems. 2,771,506, 11-20-56, Cl. 178-51.
- Coralline, Mark. Pouring spout construction for paper containers. 2,775,373, 12-25-56, Cl. 222-183.
- Corao, George R., to E. I. du Pont de Nemours and Co. Process for preparing oximinooacetone. 2,731,499, 1-17-56, Cl. 260-56.6.
- Corbell, Paul I.: See—  
Armstrong, William J., Corbell, and McPhee. 2,742,587.
- Corbell, Paul I., to the United States of America as represented by the United States Atomic Energy Commission. Phase shifting device. 2,775,741, 12-25-56, Cl. 333-31.
- Corbett, Carl C. Multi-year calendars. 2,768,459, 10-30-56, Cl. 40-109.
- Corbett, George L. Aerial toy. 2,756,538, 7-31-56, Cl. 46-86.
- Corbett, Harold, to Reed-Prentice Corp. Apparatus for screening plastic materials. 2,763,374, 9-18-56, Cl. 210-152.
- Corbett, Thomas H. Water supply units for glass washers and the like. 2,743,736, 5-1-56, Cl. 137-215.
- Corbiere, Paul J., to Societe Rhodiaca. Method of producing creped fabric. 2,740,183, 4-3-56, Cl. 28-72.
- Corbin, Francis L. Brake control systems. 2,739,200, 3-20-56, Cl. 200-80.
- Corbin, Harold E., and J. C. Dean, to Socony Mobil Oil Co., Inc. Pitch control in paper making. 2,743,179, 4-24-56, Cl. 92-9.
- Corbin, Stanley E. Electric lawn edger. 2,767,540, 10-23-56, Cl. 55-25.4.
- Corbin, Wesley S., and C. M. Pearson, to The Black-Clawson Co. Head box for paper making machines. 2,747,471, 5-29-56, Cl. 92-44.
- Corbitt, Harry W., and W. F. Goff. Brake for motor-operated airplane landing gear. 2,763,348, 9-18-56, Cl. 192-2.
- Corby, Edward N.: See—  
Porter, George S., and Corby. 2,768,799.
- Corekran, John C. Square shanked, barbed wire nail. 2,759,389, 8-21-56, Cl. 85-21.
- Corcoran, Edward J.: See—  
Fonzal, Jesse W., and Corcoran. 2,762,988.
- Corcoran, Lyle S. Shell loading press. 2,772,629, 12-4-56, Cl. 100-283.
- Corcoran, Michael J.: See—  
Christie, Harlan J., and Corcoran. 2,741,776.
- Cordell, Finton M., to Harry B. Schwartz, Inc. Articulator. 2,754,588, 7-17-56, Cl. 32-32.
- Corderman, Charles L.: See—  
Koda, Nobuo J., Smith, Corderman, and Rodgers. 2,769,116.
- Cordes, Jacques, and J. Desor. Materials handling fork truck. 2,747,498, 12-13-56, Cl. 214-731.
- Cordier, Otto, and W. Gerecke, to Klockner-Humboldt-Deutz Aktiengesellschaft. Diesel engine. 2,740,387, 4-3-56, Cl. 123-32.
- Cordill, Allen T. Tank drain plug. 2,765,082, 10-2-56, Cl. 210-57.
- Cording, James, Jr., and M. J. Willard, Jr., to the United States of America as represented by the Secretary of Agriculture. Drum drying of cooked mashed potatoes. 2,759,832, 8-21-56, Cl. 99-207.
- Cordis, Nat. Valved fountain sponge udder washer. 2,759,216, 8-21-56, Cl. 15-130.
- Cordis, Nat. Barn cleaner system. 2,765,089, 10-2-56, Cl. 214-93.
- Corenzwit, Ernest, and B. T. Matthias, to Bell Telephone Laboratories, Inc. Titanium and zirconium alloys. 2,763,548, 9-18-56, Cl. 75-175.5.
- Corey, Albert E., and R. L. Harris, to Allied Chemical & Dye Corp. Process for the production of hydrogen peroxide. 2,739,042, 3-20-56, Cl. 23-207.
- Corey, Albert E., and J. N. Cosby, to Allied Chemical & Dye Corp. Synthesis of glycerin. 2,739,173, 3-20-56, Cl. 260-635.
- Corey, Edwin H. Fire escape. 2,735,603, 2-21-56, Cl. 228-40.
- Corey, Donald W., to United Shoe Machinery Corp. Safety devices. 2,733,063, 1-31-56, Cl. 271-57.
- Corey, Lorin A., to Industrial Rayon Corp. Thread advancing reel. 2,765,069, 12-25-56, Cl. 203-183.
- Corhart Refractories Co.: See—  
Baque, Harold W. 2,749,666.
- Corkum, Ray T.: See—  
Daniel, John H., Jr., and Corkum. 2,748,092.
- Corkum, Russell W.: See—  
Reeves, Wilson A., Corley, and Guthrie. 2,751,278.
- Corley Mfg. Co.: See—  
Maynard, Marvin E. 2,765,006.
- Cormack, Clara H. Educational appliance. 2,748,500, 6-5-56, Cl. 35-70.
- Corman, Julian, H. M. Tsuchiya, and C. S. Stringer, to the United States of America as represented by the Secretary of Agriculture. Enzymatic preparation of high levulose food additives. 2,742,365, 4-17-56, Cl. 99-134.
- Cormier, Arthur, to Cormier Paper Box Co. Ltd. Multiple compartment containers. 2,766,924, 10-16-56, Cl. 229-28.
- Cormier Hosiery Mills, Inc.: See—  
Marquis, Raymond G. 2,765,643.
- Cormier Paper Box Co. Ltd.: See—  
Cormier, Arthur. 2,766,924.
- Corn, Lawrence H., to Gulf Oil Corp. Polymerization process for preparing propylene tetramer. 2,770,665, 11-13-56, Cl. 260-633.15.
- Cornbluet, Sidney, to The General Electric Co. Ltd. Directive radio aerial systems. 2,729,817, 1-3-56, Cl. 343-79.
- Corne, Dustin C. Wire working tool. 2,774,392, 12-18-56, Cl. 140-124.
- Cornell, Carmen S.: See—  
Cornell, Ernest R., and C. S. 2,742,777.
- Cornell, Ernest R., to E. I. du Pont de Nemours and Co. Method of producing finely divided metallic sodium. 2,751,288, 6-19-56, Cl. 75-0.5.

- Cornell, Ernest R., to E. I. du Pont de Nemours and Co. Light metal pump. 2,768,587, 10-30-56, Cl. 103-166.5.
- Cornell, Ernest R. and C. S. Building wall of hollow blocks. 2,742,777, 4-24-56, Cl. 72-42.
- Cornell, Hampton C., R. S. Manne, G. R. L. Shepherd, and A. M. Souby, to Esso Research and Engineering Co. Production of catalytic cracking feed stocks. 2,775,544, 12-25-56, Cl. 196-24.
- Cornel Aeronautical Laboratory, Inc.: *See—*
- Dye, Edward R., 2,740,208.
- Cornelson, Boyd: *See—*
- Worden, Samuel P., and Cornelson. 2,738,676.
- Cornelson, Boyd, to Texas Instruments Inc. Gravity meter. 2,732,718, 1-31-56, Cl. 73-382.
- Cornelius, Co.: *See—*
- Cornelius, Nelson F. 2,748,606.
- Cornelius, Gail, to R. M. Wade & Co. Apparatus to aid the moving of pipe lines. 2,769,664, 11-6-56, Cl. 299-47.
- Cornelius, Nelson F., to The Cornelius Co. Mechanical movement. 2,748,606, 6-5-56, Cl. 74-49.
- Cornelius, Paul D., to Vlier Engineering, Inc. Thumb screw with overload release means. 2,745,303, 5-15-56, Cl. 81-52.4.
- Cornelius, Paul D., to Vlier Engineering, Inc. Spring clip wrench attachment for holding a screw. 2,745,304, 5-15-56, Cl. 81-71.
- Cornelius, Richard T. Combination regulating and relief valves. 2,739,611, 3-27-56, Cl. 137-505.15.
- Cornelius, Richard T. Cast connecting rod comprising ball bearing. 2,743,970, 5-1-56, Cl. 308-184.
- Cornelius, Richard T. Spraying devices. 2,772,118, 11-27-56, Cl. 299-83.
- Cornell Aeronautical Laboratory, Inc.: *See—*
- Dye, Edward R. 2,759,186.
- Moog, William C., Jr. 2,767,689.
- Cornell, Archie K., to Westinghouse Electric Corp. Apparatus for operating gaseous discharge devices. 2,730,656, 1-10-56, Cl. 315-97.
- Cornell-Dubilier Electric Corp.: *See—*
- Chadowski, Joseph P., and Weiss. 2,756,955.
- Dubilier, William. 2,769,889.
- Frekkio, Eugene F. 2,767,110.
- Weiss, Felix. 2,774,018.
- Cornell, Elliot C., Jr., to The Auto Arc-Weld Mfg. Co. Welding head control apparatus in systems using separately excited D. C. welding generators. 2,759,120, 8-14-56, Cl. 314-62.
- Cornell, John A., and H. E. Kemmler, to H. D. Justi & Son, Inc. Dental impression material and method of making same. 2,733,150, 1-31-56, Cl. 106-38.5.
- Cornell, John A., and H. E. Kemmler, to H. D. Justi & Son, Inc. Impression material and method of making same. 2,733,157, 1-31-56, Cl. 106-38.5.
- Cornell Machine Co.: *See—*
- Buckley, William E. 2,737,961.
- Buckley, William E. 2,769,398.
- Cornell, Norman M., H. M. Gulick, and V. L. Boven, to The Gibson-Homans Co. Calking gun. 2,768,768, 10-30-56, Cl. 222-80.
- Cornell Paperboard Products Co.: *See—*
- Wenzel, Frederick A. 2,757,585.
- Cornell, Paul W., and E. Cotton, to Gulf Oil Corp. Method and apparatus for gas storage. 2,757,067, 7-31-56, Cl. 23-1.
- Cornell, Torger B. Mechanism for feeding and distributing inks and other fluids. 2,762,301, 9-11-56, Cl. 101-365.
- Cornellier, Maurice H. Umbrella. 2,736,329, 2-28-56, Cl. 135-20.
- Cornellier, Maurice H. Iron attachment. 2,736,789, 2-28-56, Cl. 219-25.
- Cornet, Guy M. J. Calorie meter. 2,733,603, 2-7-56, Cl. 73-193.
- Cornett, Walter V. Portable power hammers. 2,732,197, 1-24-56, Cl. 262-15.
- Cornforth, John W.: *See—*
- Collow, Robert R., Spensley, and Cornforth. 2,734,898.
- O'Hanlon, Aidan F., and Cornforth. 2,728,951.
- Corning Glass Works: *See—*
- Armistead, William H. 2,743,553.
- Bailey, Thomas W. 2,737,595.
- Callard, Robert L. 2,741,547.
- Dalton, Robert H., and Voss. 2,744,034.
- Dalton, Robert H., and Voss. 2,770,923.
- De Voe, Charles F. 2,762,167.
- Domincone, Joseph J. 2,768,063.
- O'Leary, Thomas G. 2,749,794.
- Shaw, Morton R. 2,749,579.
- Stookey, Stanley D. 2,732,298.
- Stookey, Stanley D. 2,733,167.
- Wilson, Richmond W. 2,765,586.
- Corning, Horace F.: *See—*
- Betts, Raymond L., Corning, Ricards, and Ryder. 2,769,765.
- Corning, Walter D. Chairs. 2,732,005, 1-24-56, Cl. 155-77.
- Cornish, Edward. Carton sealing means. 2,740,181, 4-3-56, Cl. 24-261.
- Cornish, Irving R. Filing cabinet. 2,745,708, 5-15-56, Cl. 312-311.
- Cornock, Edward F., and K. F. Newell, to Package Machinery Co. Device for applying cigar bands and the like to wrappers. 2,751,104, 6-19-56, Cl. 216-55.
- Cornock, Edward F., and K. F. Newell, to Package Machinery Co. Machine for wrapping cigars and the like. 2,760,317, 8-28-56, Cl. 53-73.
- Cornock, Edward F., and W. Luczek, to Package Machinery Co. Device for applying strips to wrappers. 2,760,414, 8-28-56, Cl. 93-1.
- Corn Products Refining Co.: *See—*
- Gibbons, John P. 2,759,922.
- Gibbons, John P. 2,759,923.
- Kerr, Ralph W. 2,732,309.
- Kerr, Ralph W., and Faucette. 2,733,238.
- Morris, Leo, Unger, and Wilson. 2,733,234.
- Paschall, Eugene F. 2,775,586.
- Williams, Edgar H. 2,773,784.
- Cornu, Ami, to Cornu & Co. Wrist-band for wrist-watch. 2,759,763, 8-14-56, Cl. 224-4.
- Cornu & Co.: *See—*
- Cornu, Ami. 2,758,763.
- Cornwell, Claire L. Cable speed indicator. 2,745,633, 5-15-56, Cl. 254-150.
- Cornwell, John W.: *See—*
- Bush, George L., and Cornwell. 2,752,093.
- Cornwell, Ralph T. K., to American Viscose Corp. Cellulose compound and forming composition and a regenerated cellulose film coated therewith. 2,770,555, 11-13-56, Cl. 106-173.
- Coro, Inc.: *See—*
- McVinney, John P. 2,743,498.
- Corra, Joseph S., to North American Aviation, Inc. Process and apparatus for forming and stress relieving metal. 2,762,734, 9-11-56, Cl. 148-12.7.
- Correa, Alfred T. Combined book jacket and marker. 2,753,194, 7-3-56, Cl. 281-34.
- Correa, Roy E. Manually sustained glider type aircraft. 2,758,744, 7-56, Cl. 24-64.
- Correll, Weldon R. Lens-measuring apparatus. 2,771,005, 11-20-56, Cl. 88-56.
- Corrente, Anthony M.: *See—*
- Thompson, Kenneth W., and Corrente. 2,774,710.
- Corrigan, Robert G.: *See—*
- Kossuth, Otto, and Corrigan. 2,750,822.
- Corrison, John W. Insulated water-cooled furnace members. 2,749,107, 6-5-56, Cl. 263-6.
- Corriveau, Joseph A.: *See—*
- Gadd, Charles W., and Corriveau. 2,741,128.
- Corro Ltd.: *See—*
- Goldstein, Samuel, and Lichtenstein. 2,759,523.
- Corry-Jamestown Mfg. Corp.: *See—*
- Hutzelman, Howard E. 2,732,240.
- Hutzelman, Howard E. 2,738,247.
- Hutzelman, Howard E. 2,751,272.
- Hutzelman, Howard E. 2,766,091.
- Corsaw, Harry B. Portable water dispensing container. 2,742,191, 4-17-56, Cl. 222-130.
- Corso, Philip J. Picture projection screen. 2,742,816, 4-24-56, Cl. 88-28.9.
- Corson, Ben, Mfg. Co.: *See—*
- Webster, Clifford L. 2,740,173.
- Corson, James W. Combination washer and wash tubs. 2,773,373, 12-11-56, Cl. 68-13.
- Corson, John H., G. A. Goetz, and D. Lewis, to John A. Reber's Corp. Method of heat treating hot rolled steel rods. 2,756,169, 7-24-56, Cl. 143-21.55.
- Corson, Ralph. Pressure-sensitive tape dispensing machine. 2,747,664, 5-29-56, Cl. 164-38.
- Corson, William G. Apparatus for applying tread rubber to tire carcasses. 2,744,290, 5-8-56, Cl. 18-30.
- Cortese, John: *See—*
- Kocher, Hans. 2,729,057.
- Cortina, Joseph. Ventilated cushioned shoes. 2,751,692, 6-26-56, Cl. 36-3.
- Cortright, Samuel E., to General Motors Corp. Shipping container for glass. 2,741,362, 4-10-56, Cl. 206-62.
- Corum, Alvin H. Newspaper filing cabinet. 2,738,251, 3-13-56, Cl. 312-312.
- Corum, Clinton. Two-position constant speed semi-automatic propeller pitch control. 2,774,433, 12-18-56, Cl. 170-160.16.
- Coru-Fly Corp.: *See—*
- Knowles, William L. 2,759,506.
- Knowles, William L. 2,764,193.
- Knowles, William L. 2,766,787.
- Corwin, Mervyn D., to The Baldwin Piano Co. Construction of piano-cord and reeds. 2,734,416, 2-14-56, Cl. 8-1.
- Corwin, Sylvan E. Display device. 2,757,472, 8-7-56, Cl. 41-10.
- Cory Corp.: *See—*
- Dale, Sheldon. 2,743,664.
- Krause, Richard S., and Tickner. 2,758,624.
- Nelson, Melven V. 2,745,198.
- Seibert, Ernest H. 2,743,610.
- Seibert, Ernest H., and Krause. 2,736,181.
- Cory, Elmer M. Distributor breaker mechanism. 2,742,539, 4-17-56, Cl. 200-31.
- Corydon, Jeff, II. Rubber pneumatic auto bumper accessories. 2,731,289, 1-17-56, Cl. 293-67.
- Corydon, Jeff, II. Bumper guards. 2,731,290, 1-17-56, Cl. 293-69.
- Cosby, John N.: *See—*
- Chapman, Wilbur F., and Cosby. 2,734,067.
- Corey, Albert B., and Cosby. 2,739,173.
- Coscia, Lewis G.: *See—*
- Campbell, George J., and Coscia. 2,731,254.
- Campbell, George J., and Coscia. 2,775,441.
- Coselman, C. B., Inc.: *See—*
- Coselman, Clinton B. 2,744,689.



- Coselman, Clinton B., to C. B. Coselman, Inc. Thermostatic damper control. 2,744,689, 5-8-56, Cl. 236-96.
- Cosgrove, James, to Edwards Brothers (Tippers) Ltd. Control valves for hydraulic tipping-hoists for vehicles. 2,747,550, 5-29-56, Cl. 121-46.4.
- Cosgrove, John J., to Liquidivision Gauge & Control Corp. Tank gauge. 2,767,585, 10-23-56, Cl. 73-321.
- Cosgrove, Thomas M. Shield for fire alarm box indicating lamp. 2,733,334, 1-31-56, Cl. 240-25.
- Cosin, Murray D. Moldable foot support. 2,760,281, 8-28-56, Cl. 36-71.
- Coskun, Mehmet K., to American Steel Foundries. Car truck. 2,730,048, 1-10-56, Cl. 105-190.
- Coskun, Mehmet K., to American Steel Foundries. Spring and axle assembly. 2,738,185, 3-13-56, Cl. 267-57.
- Coskun, Mehmet K., to American Steel Foundries. Car truck. 2,762,316, 9-11-56, Cl. 105-190.
- Cosmetto, Aristodemo J. Chemical apparatus for reacting chemicals requiring heat transfer. 2,774,653, 12-18-56, Cl. 23-259.
- Cosmocord Ltd.: See—
- Kelly, Stanley. 2,749,131.
- Kelly, Stanley, and Brownlee. 2,771,514.
- Kelly, Stanley, and Brownlee. 2,771,515.
- Cosmos, William J., to Chicago Rubber Co., Inc. Contact wheel. Re. 24,152, 5-15-56, Cl. 51-141.
- Cosner, Robert R.: See—
- Felbeck, George T., Cook, and Cosner. 2,752,591.
- Helmaster, John W., and Cosner. 2,746,615.
- Cosner, Hursie E., to American Motors Corp. Refrigerating apparatus having evaporator compartment with closure means. 2,758,454, 8-14-56, Cl. 62-126.
- Cosson, Jacques G. H.: See—
- Picard, Maxime F. B., and Cosson. 2,763,181.
- Costa, Raymond L., to Allied Chemical & Dye Corp. Treatment of hexavalent chromium solutions. 2,733,204, 1-31-56, Cl. 210-24.
- Costanzo, Frank X., to Victaulic Co. of America. Method for joining together sections of plastic pipe. 2,766,518, 10-16-56, Cl. 29-517.
- Cote, Pierre P. H. Machine for the production of granular material, more particularly for injection moulding machines. 2,739,647, 3-27-56, Cl. 164-61.
- Costello, James R.: See—
- Toy, Arthur D. F., and Costello. 2,754,315.
- Costello, Otto A., to South Bend Lathe Works. Rotary table. 2,748,624, 6-5-56, Cl. 74-813.
- Costello, Otto A., to South Bend Lathe Works. Disconnectable wear-bearing. 2,769,349, 11-6-56, Cl. 74-405.
- Costello, Robert B., to The M. W. Kellogg Co. Apparatus for field welding seams in horizontal plate. 2,752,468, 6-26-56, Cl. 219-8.
- Costello, Robert B., to The M. W. Kellogg Co. Apparatus for field welding seams in vertical plate. 2,755,367, 7-17-56, Cl. 219-8.
- Coster, Allan A., to The Reflectone Corp. Variable speed device. 2,734,388, 2-14-56, Cl. 74-198.
- Costick, Andrew J., and W. A. Jones, to The Goodyear Tire & Rubber Co. Mold structure. 2,734,227, 2-14-56, Cl. 18-39.
- Costin, William J. Veterinary surgical knife. 2,735,176, 2-21-56, Cl. 30-162.
- Cosulich, Donna B.: See—
- Starker, Lee N., and Cosulich. 2,759,005.
- Cosulich, Mark. Siphons. 2,774,522, 12-18-56, Cl. 222-416.
- Cotcett, Louis M., and K. P. Swanson; said Swanson assor. to said Cotcett. Top roll for drawing frames. 2,755,515, 7-24-56, Cl. 19-142.
- Cotcett, Louis M. B. Bots for spinning frames. 2,756,117, 7-24-56, Cl. 308-156.
- Cotcett, Louis M. Top roll for textile drawing mechanisms. 2,764,782, 10-2-56, Cl. 19-142.
- Cotcett, Louis M. Top roll for spinning and roving frames. 2,771,640, 11-27-56, Cl. 19-142.
- Cotcett, Louis M. Process and apparatus for making yarn and fabric. 2,773,297, 12-11-56, Cl. 28-1.
- Cote, Arthur J. Window construction. 2,772,448, 12-4-56, Cl. 20-42.
- Cote, Hector A. Tiltable fence. 2,766,017, 10-9-56, Cl. 250-23.
- Cote, Napoleon D. Apparatus for pelleting mill feeds. 2,740,364, 4-3-56, Cl. 107-8.
- Cote, Omer E., to Marathon Corp. Apparatus for forming a carton. 2,738,715, 3-20-56, Cl. 93-51.
- Cote, Onil O. Re-usable collapsible carton. 2,749,016, 6-5-56, Cl. 229-39.
- Coté, Raoul A. Folding stretcher. 2,745,114, 5-15-56, Cl. 5-82.
- Cothern, Alfred J. Trot line fishing lines. 2,762,155, 9-11-56, Cl. 43-27.4.
- Cotsworth, Albert, III, to Zenith Radio Corp. Automatic rain-out circuit. 2,754,356, 7-10-56, Cl. 178-7.5.
- Cottar, Robert. Adjustable scaffold leg unit. 2,761,743, 9-4-56, Cl. 304-5.
- Cotter, George L., to Westinghouse Air Brake Co. Air compressing apparatus. 2,772,830, 12-4-56, Cl. 230-208.
- Cotter, George L., to Westinghouse Air Brake Co. Air compressor. 2,772,831, 12-4-56, Cl. 230-211.
- Cotter, James L.: See—
- Silvers, Albert, and Cotter. 2,731,685.
- Cotter, Joseph F.: See—
- Mason, Scott, Goldstein, and Cotter. 2,758,123.
- Cotterrell, Charles M. Quick release battery terminal clamp. 2,735,995, 2-21-56, Cl. 339-235.
- Cotterman, Frank D.: See—
- Hansen, George E., Cotterman, and De Craene. 2,750,960.
- Cottel, Louis, to Tavanens Watch Co. S. A. Item counter and totalizer. 2,751,151, 6-19-56, Cl. 235-113.
- Cottle, Delmer L.: See—
- Bartlett, Jeffrey H., Cottle, and De Hoff. 2,758,088.
- Morway, Arnold J., Young, and Cottle. 2,739,127.
- Young, David W., and Cottle. 2,769,784.
- Young, David W., Cottle, and Gleason. 2,756,217.
- Young, David W., Morway, and Cottle. 2,730,500.
- Young, David W., Morway, and Cottle. 2,751,351.
- Young, David W., Morway, and Cottle. 2,768,139.
- Young, David W., Serniuk, and Cottle. 2,745,726.
- Young, David W., Vanderbilt, Cottle, and Morway. 2,755,224.
- Cottle, Delmer L., to Esso Research and Engineering Co. Separation of esters. 2,741,632, 4-10-56, Cl. 260-499.
- Cottle, Delmer L., D. W. Young, and A. J. Morway, to Esso Research and Engineering Co. Synthetic oil base lubricating grease compositions. 2,748,924, 5-22-56, Cl. 252-42.
- Cottle, Delmer L., D. W. Young, and H. J. Franklin, to Esso Research and Engineering Co. Method of preparing an adhesive for bonding wood. 2,758,953, 8-14-56, Cl. 154-133.
- Cottle, Delmer L., F. Knoth, Jr., and D. W. Young, to Esso Research and Engineering Co. Synthetic lubricants. 2,758,975, 8-14-56, Cl. 252-49.8.
- Cottle, Delmer L., D. W. Young, and M. H. Edson, to Esso Research and Engineering Co. Asphalt and process for manufacturing same. 2,764,523, 9-25-56, Cl. 196-22.
- Cottle, John, to Phillips Petroleum Co. High pressure stabilization of oils. 2,773,559, 12-11-56, Cl. 183-114.5.
- Cottom, Truman W., to M. E. Hall. Clothes hamper. 2,732,274, 1-24-56, Cl. 312-280.
- Cotton, Ernest: See—
- Cornell, Paul W., and Cotton. 2,757,067.
- Cotton, Robert B., to All American Engineering Co. Combination turbine and reel package. 2,760,777, 8-28-56, Cl. 273-105.3.
- Cotton, Robert B., and D. B. Doolittle, to All American Engineering Co. Aircraft arresting means. 2,731,219, 1-17-56, Cl. 24-110.
- Cotton, Robert H. Educational devices. 2,752,727, 7-3-56, Cl. 40-43.
- Cotton, Robert H., and G. O. Rorabaugh, to Holly Sugar Corp. Producing dry vegetable-molasses product. 2,747,671, 1-18-56, Cl. 99-6.
- Cotton, William J. Indicating equipment for chemical processes. 2,758,475, 8-14-56, Cl. 73-339.
- Cotton, William, Ltd.: See—
- Start, Ernest. 2,770,959.
- Lynam, John E. 2,775,110.
- Lynam, John E., and Cooper. 2,731,818.
- Cottrell Co., The: See—
- Luehrs, Hans J. 2,756,996.
- Cottrell, Eugene J.: See—
- Reiser, Alfred A., and Cottrell. 2,739,482.
- Cottrell, Irene: See—
- William P. 2,738,070.
- Cottrell, Robert B., to American Steel Foundries. Axle assembly. 2,740,624, 4-3-56, Cl. 267-58.
- Cottrell, Robert B., to American Steel Foundries. Car truck. 2,743,682, 5-1-56, Cl. 105-197.
- Cottrell, Robert B., to American Steel Foundries. Spring group. 2,747,861, 5-29-56, Cl. 267-4.
- Cottrell, Robert B., and R. T. Leisk, to American Steel Foundries. Brake beam. 2,751,051, 6-19-56, Cl. 188-226.1.
- Cottrell, Robert B., to American Steel Foundries. Tread brake arrangement for six-wheel truck. 2,759,567, 8-21-56, Cl. 188-33.
- Cottrell, Robert B., to American Steel Foundries. Brake beam. 2,762,467, 9-11-56, Cl. 188-226.1.
- Cottrell, Robert B., to American Steel Foundries. Draft gear housing. 2,767,755, 10-30-56, Cl. 213-32.
- Cottrell, Samuel H.: See—
- Arnold, William H., and Cottrell. 2,746,560.
- Cottrell, Wayne W., and E. E. James. Angular wrench head having upwardly opening socket. 2,769,360, 11-6-56, Cl. 81-121.
- Cottrell, William P., deceased: I. Cottrell, executrix. Gravity separator. 2,738,070, 3-13-56, Cl. 209-211.
- Cotts, Louis C. Baseboard heat distributor. 2,745,332, 5-15-56, Cl. 98-40.
- Coty, Inc.: See—
- Croce, Santy M. 2,733,102.
- Croce, Santy M. 2,755,131.
- Croce, Santy M. 2,755,132.
- Croce, Santy M. 2,755,951.
- Couanaut, Georges R., to Societe Alsacienne de Constructions Mecaniques. Electrical servo-mechanisms. 2,732,520, 1-24-56, Cl. 318-18.
- Couanaut, Georges R., to Societe Alsacienne de Constructions Mecaniques. Potentiometer circuit arrangements. 2,760,147, 8-21-56, Cl. 323-74.
- Couch, Dwight E., and A. Brenner, to the United States of America as represented by the Secretary of Commerce. Electropolishing with phosphorous acid. 2,740,755, 4-3-56, Cl. 204-140.5.
- Couch, Glenn F., to The Symington-Gould Corp. Friction controlled railway truck. 2,729,173, 1-3-56, Cl. 105-193.
- Couch, Glenn F., to The Symington-Gould Corp. Snubbed railway truck. 2,729,174, 1-3-56, Cl. 105-197.

- Couch, Glenn F., to The Symington-Gould Corp. Railway truck. 2,731,923, 1-24-56, Cl. 105—197.
- Couch, Glenn F., to The Symington-Gould Corp. Friction controlled railway truck. 2,732,813, 1-31-56, Cl. 105—197.
- Couch, Glenn F., to The Symington-Gould Corp. Lubricating mechanism for railway car axle. 2,743,969, 5-1-56, Cl. 308—84.
- Couch, S. H., Co., Inc.: See—
- Johnson, Carl A. P. 2,731,518.
- Johnson, Carl A. P. 2,732,643.
- Coughlin, Cornelius H., R. Lawrence, and C. W. Mote, to Chrysler Corp. Automatic conveyor system for billets. 2,737,834, 3-13-56, Cl. 80—26.
- Coughlin, Daniel T., to The Babcock & Wilcox Co. Fluid heater with guided convection elements. 2,757,649, 8-7-56, Cl. 122—478.
- Coughlin, Frank: See—
- Bryer, Melvin L. 2,747,737.
- Couillard, Luther W., to Collins Radio Co. Direct reading decade frequency tuning system for double conversion superheterodyne receiver. 2,766,375, 10-9-56, Cl. 250—20.
- Coulbourn, William C., and H. J. Sandberg, to Norden Ketaay Corp. True air speed meter. 2,751,786, 6-26-56, Cl. 73—182.
- Coulombe, Edwin C., Jr.: See—
- Johnston, Leith, and Coulombe. 2,750,880.
- Coulson, Walter. Chuck. 2,758,843, 8-14-56, Cl. 279—119.
- Court, Albert L. Hood latch adapter. 2,749,165, 6-5-56, Cl. 292—71.
- Coulter, Earl E., to The Babcock & Wilcox Co. Steam purifier. 2,732,028, 1-24-56, Cl. 183—31.
- Coulter, James H., Jr.: See—
- Allen, Robert K., and Coulter. 2,758,017.
- Coulter, James H., and E. E. Hutton, to The Babcock & Wilcox Co. Combination of a furnace for the incineration of residual liquor with means for disintegrating solids entrained in said liquor. 2,744,812, 5-8-56, Cl. 23—262.
- Coulter, Kenneth E.: See—
- Amos, James L., and Coulter. 2,763,702.
- Coulter & McKendie Machine Co., Inc.: See—
- Zaveruha, Victor A. 2,732,060.
- Coulter, Samuel T., W. E. Hoyt, and S. Van Deest, to the Regents of The University of Minnesota. Spray drier. 2,733,762, 2-7-56, Cl. 159—4.
- Coulter, Wallace H. Amplifier circuit having series-connected tubes. Re. 2,740,4, 8-28-56, Cl. 179—171.
- Coulter, Wallace H. Electromagnetic flowmeter. 2,733,604, 2-7-56, Cl. 73—194.
- Coulter, Wallace H. Amplifier having series-connected output tubes. 2,743,321, 4-24-56, Cl. 179—171.
- Coulter, Wallace H. Amplifier having series-connected output tubes. 2,763,733, 9-18-56, Cl. 179—171.
- Coulter, William B., to Manufacturers Box Co., Inc. Display card. 2,771,188, 11-20-56, Cl. 206—75.
- Coulters, Thomas C. Connection means for heating and ventilating ducts. 2,752,950, 6-5-56, Cl. 138—25.
- Council of Scientific and Industrial Research: See—
- Aggarwal, Joti S., and Sharma. 2,749,247.
- Banerjee, Tarapada, and Chakravarty. 2,749,296.
- Council, James H. Gun sight. 2,741,029, 4-10-56, Cl. 33—47.
- Couihian, Richard G., M. K. Haynes, and G. E. Whitney, to International Business Machines Corp. Multidimensional magnetic memory systems. 2,740,949, 4-3-56, Cl. 340—174.
- Countrymen, James H. Valve construction for dispensing containers. 2,763,406, 9-18-56, Cl. 222—394.
- County Commercial Cars Ltd.: See—
- Fapp, Ernest T. J. 2,754,162.
- Counitz, Leon: See—
- Grant, Irvin R. 2,735,204.
- Coupe, Harry A., to C. H. Marx. String and anchor therefor. 2,753,749, 7-10-56, Cl. 84—297.
- Couper, Alistair S., and A. Dravinks, to Standard Oil Co. HP—BF<sub>3</sub> catalytic processing. 2,768,983, 10-30-56, Cl. 260—668.
- Coupland, Frank H., Jr., E. H. Phelps, J. M. Cranford, and K. R. Daniel, to American Cast Iron Pipe Co. Method for the manufacture of centrifugally cast tubular metal articles. 2,731,690, 1-24-56, Cl. 22—200.5.
- Courand, Henry A., to Crown Zellerbach Corp. Rotary steam joint and loose mounting therefor. 2,745,684, 5-15-56, Cl. 285—96.1.
- Courchesne, Theodore P., A. Eppler, Jr., and H. W. Jarvis, to United Shoe Machinery Corp. Apparatus to facilitate joiner of uppers and insoles. 2,735,117, 2-21-56, Cl. 12—1.
- Courchesne, Joseph N. Tire and wheel construction. 2,742,075, 4-17-56, Cl. 152—418.
- Courier-Citizen Co.: See—
- Inganogins, Joseph, and Hoffman. 2,770,458.
- Courney, Clark, to General Motors Corp. Door fastener. 2,741,509, 4-10-56, Cl. 292—341.17.
- Coursen, David L., to E. I. du Pont de Nemours and Co. Blasting assembly. 2,732,800, 1-31-56, Cl. 102—25.
- Coursen, David L., to E. I. du Pont de Nemours and Co. Blasting device. 2,736,738, 7-24-56, Cl. 102—25.
- Coursier, Malcolm W. Polishing block for uniform insignia. 2,733,473, 2-7-56, Cl. 15—268.
- Coursey, Dallas J. Brush dressing attachment for paint cans. 2,730,266, 1-10-56, Cl. 220—90.
- Coston, Isaac, R. A. Mason, and H. C. Gramlich, to Philco Corp. Sliding meat keeper. 2,769,877, 11-6-56, Cl. 312—308.
- Court, Andrew T. Automotive vehicle control. 2,765,889, 10-9-56, Cl. 192—09.
- Court, Kenneth, to Vickers Inc. Power transmission. 2,759,456, 8-21-56, Cl. 121—38.
- Courtaulds Ltd.: See—
- Bashford, Leslie A. 2,754,329.
- Gardner, Brian C., and Sharples. 2,732,002.
- Smith, John D., and Veigham. 2,754,181.
- Tallis, Ernest E., and Gardner. 2,758,004.
- Wormell, Robert L. 2,775,506.
- Courter, Donovan P. Expendable wave guide pattern and method of manufacture. 2,761,187, 9-4-56, Cl. 22—160.
- Courter, Leo A.: See—
- Bryant, Charles M., Helberg, Courter, and Cecil. 2,733,657.
- Courter, Martin L., to Shell Development Co. Ethylene oxide recovery. 2,756,241, 7-24-56, Cl. 260—348.
- Courter, Martin L., to Shell Development Co. Ethylene oxide recovery. 2,771,473, 11-20-56, Cl. 260—348.
- Courter, Martin L., and R. L. Magovern, to Shell Development Co. Resolution of carbonic acid-containing gaseous mixtures. 2,750,398, 6-12-56, Cl. 260—452.
- Courthouse, Thomas F., S. Martin, and R. G. Sickly, to International Salt Co. Salt dissolving apparatus. 2,734,804, 2-14-56, Cl. 23—272.6.
- Courtiere, Maurice: See—
- Grouard, Pierre, and Courtiere. 2,755,148.
- Courtney, Joseph F., and A. C. Radtke, to International Harvester Co. Glass fiber drawing mechanism. 2,747,335, 5-29-56, Cl. 49—17.
- Courtney, Louis E., to The Weatherhead Co. Short tube coupling with deformable edges. 2,749,152, 6-5-56, Cl. 285—120.
- Courty, Frank H.: See—
- Bonnett, Harold D. 2,742,911.
- Couse, Kibbey W. Clutch mechanism for a power take-off. 2,733,763, 2-7-56, Cl. 192—48.
- Couse, Kibbey W. Foldable hoist. 2,733,817, 2-7-56, Cl. 212—8.
- Couse, Kibbey W. Power take off shifting means. 2,749,768, 6-12-56, Cl. 74—491.
- Couse, Kibbey W., to Reconstruction Finance Corp. Means for reducing the overall height of a motor vehicle trailer. 2,751,234, 6-19-56, Cl. 280—44.
- Couse, Kibbey W. Collapsible hut. 2,765,499, 10-9-56, Cl. 20—2.
- Cousino, Walter F.,  $\frac{1}{2}$  to J. H. Rollins and  $\frac{1}{2}$  to H. M. Turner. Automatic blow-off for pressure tanks. 2,729,229, 1-3-56, Cl. 137—204.
- Cousino, Walter F., to Ex Corp. Spring urged nut having outwardly projecting teeth thereon. 2,767,609, 10-23-56, Cl. 85—32.
- Cousino, Walter F., to Ex Corp. Shelf lock. 2,767,951, 10-23-56, Cl. 248—245.
- Cousins, Edward, and F. A. Jeffries, to The Goodyear Tire & Rubber Co. Air curing coating composition and method of preparing same. 2,772,249, 11-27-56, Cl. 260—31.2.
- Cousins, Sydne. Brassiere and clasp therefor. 2,765,471, 6-12-56, Cl. 2—42.
- Coutts, Morton W., to Dominion Breweries Ltd. Process for the manufacture of beer and the like. 2,775,522, 12-25-56, Cl. 99—52.
- Couture, Anthony. Golf boot. 2,747,636, 5-29-56, Cl. 150—1.5.
- Coville, Louis J., to Monsanto Chemical Co. Stabilization of unsaturated nitriles. 2,758,130, 8-7-56, Cl. 260—465.9.
- Covillion, Louis J., to Monsanto Chemical Co. Stabilization of unsaturated nitriles. 2,758,131, 8-7-56, Cl. 260—465.9.
- Couzens, Sydney N., and A. E. W. Hibbitt, to Murihead & Co. Ltd. Induction generators. 2,738,854, 3-13-56, Cl. 310—171.
- Covelv, Frank D.: See—
- Baker, Richard E., and Covelv. 2,774,964.
- Covely, Frank D., 3rd, and L. M. Seeburger, to Radio Corp. of America. Scan conversion system utilizing resolved writing deflections. 2,743,373, 4-24-56, Cl. 315—5.6.
- Cover, Martin L. Apparatus for cooling silver. 2,743,534, 5-1-56, Cl. 34—174.
- Cover, Martin L. Method of sintering. 2,768,890, 10-30-56, Cl. 75—5.
- Cover, Ralph. Corn cutting machine. 2,767,716, 10-23-56, Cl. 130—9.
- Coverbond Corp.: See—
- Steffter, Grant. 2,748,593.
- Covert, Calvin C.: See—
- Berninger, Kenneth L., and Covert. 2,745,499.
- Miller, Dale W. Cover, Rover, and Demio. 2,748,877.
- Covert, Don N., and R. L. Denner, to The Federal Bearings Co., Inc. Bearing seal. 2,743,119, 4-24-56, Cl. 286—5.
- Coviello, Anthony R. Agricultural implements and support vehicles therefor. 2,732,781, 1-31-56, Cl. 97—32.
- Covin, William E.: See—
- Mathewson, Herbert R., Housch, and Covin. 2,733,974.
- Mathewson, Herbert R., Housch, and Covin. 2,737,042.
- Covington, Carl A.: See—
- Earle, Clarence E., and Covington. 2,730,269.
- Covington, Mabel V. Fruit juice extractor. 2,746,379, 5-22-56, Cl. 100—108.
- Covington, Robert A., Jr., and V. H. Waldin, to E. I. du Pont de Nemours and Co. Tubular film stretcher. 2,767,427, 10-23-56, Cl. 13—1.
- Covington, Robert A., Jr., and V. H. Waldin, to E. I. du Pont de Nemours and Co. Coupling. 2,772,548, 12-4-56, Cl. 64—2.
- Cowan, Ben. Stock metering and proportioning apparatus. 2,730,118, 1-10-56, Cl. 137—266.



- Cowan, John C.: *See*—  
Crosston, Clarence B., Teeter, and Cowan. 2,729,658.  
McKinney, Leonard L., Cowan, and Evans. 2,775,565.  
Cowan, John C., and C. D. Evans, to the United States of America as represented by the Secretary of Agriculture. Preparation of phytic acid from calcium magnesium phytates. 2,750,400, 6-12-56, Cl. 260—461.  
Cowan, John V., to Sperry Products, Inc. Method and means for induction welding. 2,751,479, 6-19-56, Cl. 219—10.  
Cowan, Leslie F.: *See*—  
Pergunas, Sidney W., and Cowan. 2,770,565.  
Coward, Richard W. Cooling system for shafts and bearings. 2,755,959, 7-24-56, Cl. 230—128.  
Cowden, Herbert B.: *See*—  
Clark, Walter, and Cowden. 2,763,553.  
Cowee, Merle, to Pittsburgh Plate Glass Co. Salicylic acid ester as color inhibitor for polyester-monomer resins. 2,773,449, 12-4-56, Cl. 260—45.4.  
Cowell, Charles C.: *See*—  
Jacobson, Arthur G., and Kaddeland. 2,767,790.  
Cowen, Frank M., to American Cyanamid Co. Method of preparing mercaptosuccinic acid. 2,729,675, 1-3-56, Cl. 260—537.  
Cowen, George T. C. Gathering device. 2,766,797, 10-16-56, Cl. 150—52.  
Cowen, Lawrence, to The Lionel Corp. Toy railway signal towers. 2,774,181, 12-18-56, Cl. 46—12.  
Cowen, Robert: *See*—  
Ross, Harold M., and Cowen. 2,730,974.  
Cowie, Charles T. Y., to American Chemical Industries Ltd. Production of phenols. 2,733,274, 1-31-56, Cl. 260—624.  
Cowlies Chemical Co.: *See*—  
MacMullen, Clinton W., and Marzocchi. 2,740,801.  
Cowles, Raymond H., to The General Tire and Rubber Co. Cushioned bearings. 2,733,108, 1-31-56, Cl. 308—184.  
Cowles, Raymond H., to The General Tire and Rubber Co. Steel backed rubber bushings. 2,749,160, 6-5-56, Cl. 287—85.  
Cowles, Roderick J., and N. A. Ciannamea, to Cluett, Peabody & Co., Inc. Treatment of cotton fabrics to increase their lustre by applying mercuric caustic soda and heavy pressure. 2,769,685, 11-6-56, Cl. 8—125.  
Cowlie, Charles H., and J. A. Woods, to Libbey-Owens-Ford Glass Co. Apparatus for fusing spaced sheets of glass. 2,761,248, 9-4-56, Cl. 49—1.  
Cowley, William E., to American Saw & Tool Co. Molding insect and cutting. 2,731,991, 1-24-56, Cl. 144—229.  
Cowstert, Charles A., to Buckeye Bait Corp. Dispenser and display device for spherical objects. 2,756,901, 7-31-56, Cl. 221—132.  
Cowstert, Charles A., to Buckeye Bait Corp. Float. 2,758,410, 7-31-56, Cl. 44—87.  
Cowstert, Charles A. to Buckeye Bait Corp. Fishing float having regulating means for its water displacement. 2,763,088, 9-18-56, Cl. 43—43.14.  
Cox, Bonnar: *See*—  
Goldberg, Jacob, Cox, and Heywood. 2,735,082.  
Cox, Charles W., to American Viscose Corp. Fiber wet-treating apparatus. 2,773,375, 12-11-56, Cl. 68—205.  
Cox, Dean S.: *See*—  
Perry, Edmond S., and Cox. 2,749,292.  
Cox, Duncan B. Electrical conductor or resistance and method of making the same. 2,759,041, 8-14-56, Cl. 174—21.  
Cox, Earl W. Boat hull having an upwardly arched bottom. 2,735,392, 2-21-56, Cl. 114—62.  
Cox, Eddie L. Mixing and spraying device. 2,750,231, 5-12-56, Cl. 299—85.  
Cox, Ernest. Automatic gas alarm. 2,747,176, 5-22-56, Cl. 340—237.  
Cox, Eugene S., to The Garrett Corp. Turbine driven fan unit. 2,775,400, 12-25-56, Cl. 230—116.  
Cox, George E. Ophthalmic perimeters. 2,744,441, 5-8-56, Cl. 88—20.  
Cox, George W. Cylinder valve. 2,757,898, 8-7-56, Cl. 251—270.  
Cox, Gerald C.,  $\frac{1}{2}$  to J. F. Schwery and  $\frac{1}{2}$  to R. H. Schwery. Snap-on sinker. 2,741,067, 4-10-56, Cl. 43—44.9.  
Cox, Gilbert R.: *See*—  
O'Neill, John J., Jr., and Cox. 2,740,704.  
O'Neill, John J., Jr., and Cox. 2,740,705.  
Cox, Gordon V.: *See*—  
Hoffmann, Albert. 2,732,029.  
Cox, Harold L.: *See*—  
Pedersen, Harry C. and J. J. 2,765,890.  
Cox, Herbert F., Jr.: *See*—  
Clairmont, Donald F. 2,749,625.  
Cox, Herbert F., Jr. Device for expanding shallow cup plugs in fiber container openings. 2,769,293, 11-6-56, Cl. 53—330.  
Cox, Herbert F., Jr. Container filling apparatus. 2,769,464, 11-6-56, Cl. 140—86.  
Cox, Howard J. Pipe wiper. 2,740,480, 4-3-56, Cl. 166—170.  
Cox, Irvin W., to Cutler-Hammer, Inc. Circuit breakers and the like having power elements. 2,738,393, 3-13-56, Cl. 200—85.  
Cox, Isaac E., to American Brake Shoe Co. Oil rings. 2,759,775, 8-21-56, Cl. 308—129.  
Cox, Jasper P.: *See*—  
Lewis, Warner, Sr., and Cox. 2,747,684.  
Cox, Joe L., to Brodex Co. Valve assembly for hopper-type vehicles. 2,769,403, 11-6-56, Cl. 105—288.  
Cox, John F. Cribbage board. 2,740,585, 4-3-56, Cl. 235—90.  
Cox, John F. Cribbage board. 2,755,024, 7-17-56, Cl. 235—90.  
Cox, John M.: *See*—  
Schnitzius, Homer D., and Cox. 2,747,226.  
Cox, John R.: *See*—  
Smrekar, Larry F. 2,752,161.  
Cox, John R. Chucking device. 2,735,686, 2-21-56, Cl. 279—50.  
Cox, John R. Cam-operated chuck. 2,735,687, 2-21-56, Cl. 279—51.  
Cox, John R. Pushers for polygon-shaped stock. 2,738,198, 3-13-56, Cl. 279—41.  
Cox, John R. Pusher construction. 2,741,483, 4-10-56, Cl. 279—46.  
Cox, John W., to The Diamond Match Co. Molded pulp egg carton. 2,739,750, Cl. 229—2.5.  
Cox, John W., to The Diamond Match Co. Molded pulp carton. 2,771,233, 11-20-56, Cl. 229—2.5.  
Cox, Joseph B.: *See*—  
Broughton, Sidney H., and Erickson. 2,773,259.  
Phillips, Daniel T., and Erickson. 2,740,965.  
Webber, Charles R., and Erickson. 2,760,401.  
Cox, Joseph B., to Oregon Saw Chain Corp. Saw chain with bar groove cleaning means. 2,741,280, 4-10-56, Cl. 143—135.  
Cox, Joseph B., to Oregon Saw Chain Corp. Saw chain with insert teeth. 2,746,494, 5-22-56, Cl. 143—135.  
Cox, Joseph B., to Oregon Saw Chain Corp. Anvil for a chain river removing device. 2,747,362, 5-29-56, Cl. 59—7.  
Cox, Joseph B., to Oregon Saw Chain Corp. Saw chain cutter. 2,747,623, 5-29-56, Cl. 143—135.  
Cox, Joseph B., to Oregon Saw Chain Corp. Saw chain with snap ring fasteners. 2,747,624, 5-29-56, Cl. 143—135.  
Cox, Joseph B. Chain saws. 2,771,919, 11-27-56, Cl. 143—135.  
Cox, Lester E.: *See*—  
Bussey, Lynn E., and Cox. 2,757,958.  
Cox, Linvill A., to Illinois Tool Works. Nut hopper and selector. 2,757,822, 8-7-56, Cl. 221—160.  
Cox, Martin, and R. K. P. Stevens, to Power Jets (Research & Development) Ltd. Seals. 2,747,843, 5-29-56, Cl. 257—6.  
Cox, Robert E.: *See*—  
Silver, Walter H., and Cox. 2,760,421.  
Cox, Samuel F., to Pittsburgh Plate Glass Co. Electroconductive article. 2,735,325, 1-31-56, Cl. 201—73.  
Cox, William H., and J. W. Willington, to Sun Oil Co. Seismic detector. 2,753,544, 7-3-56, Cl. 340—17.  
Cox, William J. Toy hay stacker. 2,742,166, 4-17-56, Cl. 214—143.  
Cox, William T. Gate hinge. 2,763,890, 9-25-56, Cl. 16—158.  
Cox, William T., D. to Handy & Harman. Joining of non-metallic materials and brazing filler rods therefor. 2,739,375, 3-27-56, Cl. 29—472.7.  
Coyle, Francis S. Dental Ross applicator. 2,735,437, 2-21-56, Cl. 132—92.  
Coyle Lines Inc.: *See*—  
Macy, Robert H., and Buck. 2,738,749.  
Coyle, William E. Hydraulic underreamer. 2,743,906, 5-1-56, Cl. 255—74.  
Coyné, Cornelius L., Jr., and G. A. Mitchell, to Western Electric Co., Inc. Fixture for adjusting the cathode of an electronic tube. 2,747,861, 5-29-56, Cl. 316—27.  
Coyné, Gerard, to General Electric Co. Refrigeration system for air conditioning apparatus. 2,750,762, 6-19-56, Cl. 62—117.55.  
Coyné, Gerard G., to General Electric Co. Air conditioning apparatus. 2,754,661, 7-17-56, Cl. 62—6.  
Coyné, John P., to Heda Electrics Proprietary Ltd. Smoothing or pressing irons and the like. 2,764,825, 10-2-56, Cl. 38—93.  
Coyné, William R., to Pillsbury Mills, Inc. Method and apparatus for producing doughnut dough formations having scalloped inner and outer peripheral surfaces. 2,772,643, 2-7-56, Cl. 107—14.  
Coyner, James M. Tractor and truck spray apparatus. 2,751,882, 6-26-56, Cl. 119—7.  
Cozier Container Corp.: *See*—  
Mueller, Fred R. 2,730,287.  
Cozier, Giuseppe, to Hydopress, Inc. Rolling mill. 2,734,405, 2-14-56, Cl. 30—32.  
Cozzoli, Frank J. Vial orienting and tray loading mechanism. 2,738,115, 3-13-56, Cl. 228—14.  
Cozzoli, Frank J. Automatic filling and sealing machine for ampuls or other small containers. 2,749,685, 6-12-56, Cl. 39—39.  
Cozzoli, Michael. Candle holders. 2,730,884, 1-17-56, Cl. 67—27.  
Crabbe, John D., and F. W. Warren, to Dunlop Rubber Co. Ltd. Conveyor belt and method of making same. 2,757,709, 8-7-56, Cl. 154—1.  
Crabbs, Herbert J., to Westinghouse Electric Corp. Switch lever locking means. 2,734,374, 2-14-56, Cl. 70—201.  
Crabs, Kerwin K., and J. A. Gaede. Combination shear set and sharpening device. 2,746,326, 5-22-56, Cl. 81—15.  
Crabtree, George W. Shock absorber with fluid filling means. 2,757,086, 3-13-56, Cl. 188—88.  
Crabtree, George W., to American Steel Foundries. Snubbed truck. 2,773,456, 12-11-56, Cl. 105—197.  
Crabtree, Harold L., to Anchor Hocking Glass Corp. Method and device for manufacturing closure caps and closure cap members thereby. 2,772,012, 11-27-56, Cl. 215—40.  
Crabtree, J. A., & Co., Ltd.: *See*—  
Wintle, Thomas D. G. 2,773,150.

- Crabtree, John I.: See—  
Rasch, Arthur A., Crabtree, and Henn. 2,739,894.
- Crabtree, Kenneth L., to Keyes Fibre Co. Continuous rotary carton perforating machine. 2,774,427, 12-18-56, Cl. 164-99.
- Crabtree, Leonard F., to Automatic Electric Laboratories, Inc. Remote control system. 2,748,374, 5-29-56, Cl. 340-163.
- Crabtree, R. W., & Sons Ltd.: See—  
Murrell, John T., and Turrill. 2,754,958.
- Cradcock, Charles L.,  $\frac{1}{2}$  to J. H. Metcalf, and  $\frac{1}{2}$  to Flasher Electronic Corp. Trunk light and warning flasher. 2,736,005, 2-21-56, Cl. 340-87.
- Cradcock, Elwood R.: See—  
Skromme, Arnold B., McKibben, and Cradcock. 2,748,535.
- Cradcock, Gerald V., to Western Electric Co., Inc. Variable resistance device. 2,766,359, 10-9-56, Cl. 201-55.
- Craft, Amos L. Life saving device. 2,749,560, 6-12-56, Cl. 9-11.
- Craft, Belmont H. Sr. Fishing pole holder. 2,742,211, 4-17-56, Cl. 224-5.
- Crafton, Marvin J., and P. Relette, to The Sun Rubber Co. Apparatus for making hollow bodies with sound effects. 2,730,765, 1-17-56, Cl. 18-39.
- Crafts, Curtis S., to The Goss Printing Press Co. Angle bar arrangement. 2,733,061, 1-31-56, Cl. 270-52.
- Craftsman Line-Up Table Corp.: See—  
Charnock, George H., Jr. 2,769,244.
- Cragg, Arthur C.: See—  
West, Clare B., and Cragg. 2,732,256.
- Cragg, Hoyt J.: See—  
Clarke, John T., and Cragg. 2,773,102.
- Cragg, Hoyt J., and J. H. Dunn, to Ethyl Corp. Refinement of benzene hexachloride. 2,760,995, 8-28-56, Cl. 260-648.
- Craggs, Joseph, and K. R. McCann, to J. R. and S. F. Kennedy. Adjustable prefabricated metal overcast. 2,729,065, 1-3-56, Cl. 41-45.
- Craggs, Joseph, and K. McCann, to Goodman Mfg. Co. Conveyor having flexible strand side frames and troughing roller assembly therefor. 2,773,257, 12-4-56, Cl. 198-192.
- Craib, James F., to Airborne Instruments Laboratory, Inc. Pulse stretcher. 2,764,678, 9-25-56, Cl. 250-27.
- Craig, A. F. & Co. Ltd.: See—  
Craig, Archibald F. 2,752,954.
- Craig, Alfred B.: See—  
Mowry, David T., and Craig. 2,744,086.
- Craig, Alfred B., and Craig. 2,744,081.
- Craig, Alfred B., to The Chemstrand Corp. Acrylonitrile polymer blends and process of producing them. 2,749,325, 6-5-56, Cl. 260-45.5.
- Craig, Alfred B., and G. E. Ham, to The Chemstrand Corp. Dyeable fiber-forming mixtures of acrylonitrile polymers and alkyl halocetate polymers. 2,752,324, 6-26-56, Cl. 260-45.5.
- Craig, Alfred B., and G. E. Ham. Dyeable polymer blends, including copolymers of acrylonitrile with alkenyl halocetates. 2,775,573, 12-25-56, Cl. 260-45.5.
- Craig, Archibald F., to A. F. Craig & Co. Ltd. Carpet weaving looms of the type provided with a wire motion. 2,752,954, 7-3-56, Cl. 139-41.
- Craig, Bruce G., to A. O. Smith Corp. Enamel bonding by the use of arsenic. 2,744,843, 5-8-56, Cl. 148-614.
- Craig, Burnie J. Vehicle door latch. 2,772,908, 12-4-56, Cl. 292-280.
- Craig, Burnie J. Door latch. 2,773,716, 12-11-56, Cl. 292-280.
- Craig, Burnie J. Vehicle doorlock strike. 2,773,717, 12-11-56, Cl. 292-340.
- Craig, Burnie J. Pen desk set. 2,775,230, 12-25-56, Cl. 120-108.
- Craig, Frank S., to General Railway Signal Co. Method of treating mounted glass disc to resist breakage. 2,730,840, 1-17-56, Cl. 49-79.
- Craig, Hanson C. Mop attachment. 2,744,280, 5-8-56, Cl. 15-229.
- Craig, Hugh B. Oscillating weeder and cultivator for tractors. 2,744,459, 5-8-56, Cl. 97-35.
- Craig, Louis E., and C. E. Larrabee, to General Aniline & Film Corp. Vinyl cyclooctatetraene and its preparation. 2,768,218, 10-23-56, Cl. 260-666.
- Craig Machine, Inc.: See—  
Cole, Frank E., Jr. 2,758,901.
- Craig, Ollison, to Riley Stoker Corp. Air heating. 2,735,660, 2-21-56, Cl. 257-224.
- Craig, Ollison, to Riley Stoker Corp. Directional-flame burner. 2,759,460, 8-21-56, Cl. 122-333.
- Craig, Ollison, to Riley Stoker Corp. Handling of fine wet material. 2,765,894, 10-9-56, Cl. 193-2.
- Craig, Robert, and T. Thompson, to Uniolver Ltd. Manufacture of lead sheet. 2,738,572, 3-20-56, Cl. 29-470.5.
- Craig, Stanley G. Combined ash receiver and power operated cigar and cigarette butt pulverizer and extinguisher. 2,737,350, 3-6-56, Cl. 241-154.
- Craig, Thomas A.: See—  
Fuld, Fred, and Craig. 2,729,831.
- Craig, W. E.: See—  
Exner, Lawrence J., and Craig. 2,750,416.
- Wilson, Harold F., and Craig. 2,729,681.
- Craig, W. E., and H. F. Wilson, to Rohm & Haas Co. Alcohol-amine complexes. 2,775,591, 12-25-56, Cl. 260-247.7.
- Craige, Arthur H., Jr., to Allied Laboratories, Inc. Substituted alkyl-diphenylmethane anthelmintic compositions. 2,744,048, 5-1-56, Cl. 167-53.1.
- Craine, Marvin W., to S. A. Bahr. Electrical resistor. 2,748,233, 5-29-56, Cl. 201-67.
- Cralle, William F. Clothes support. 2,743,076, 4-24-56, Cl. 248-301.
- Cram, Charles F., and R. Gillis, to Western Electric Co., Inc. Method and apparatus for testing coils. 2,740,937, 4-3-56, Cl. 324-51.
- Cram, Hervey G., to Combined Locks Paper Co. Centrifugal separator. 2,767,431, 10-23-56, Cl. 209-155.
- Cramer, Charles, to Inventa A. G. fuer Forschung und Patent-verwertung. Process for the production of low-biuret content urea. 2,744,133, 5-1-56, Cl. 260-555.
- Cramer, Darrel D. Combined shoe and spike attachment for ladders. 2,767,898, 10-23-56, Cl. 228-61.
- Cramer, George L., A. Raffensberger, and E. R. Strine, to Side-O-Matic Unloader Corp. Material hoisting and handling mechanism for vehicle. 2,772,794, 12-4-56, Cl. 214-75.
- Cramer, George L., A. Raffensberger, and E. R. Strine, to Side-O-Matic Unloader Corp. Self-loading vehicle hoist. 2,772,795, 12-4-56, Cl. 214-75.
- Crämer, Helmut, and R. Meyer, to Firma Fortuna-Werke Spezialmaschinenfabrik A.-G. Centering arrangement for machine tools. 2,773,335, 12-11-56, Cl. 51-165.
- Cramer, Martha K., Lipstick and tissue holders. 2,730,112, 10-10-56, Cl. 132-76.
- Cramer, Martha K. Tissue holding cosmetic receptacle covers. 2,736,326, 2-28-56, Cl. 132-79.
- Cramer Posture Chair Co., Inc.: See—  
Cramer, Roy A. 2,750,996.
- Cramer, Roy A., to Cramer Posture Chair Co., Inc. Chair seat and cushion therefor. 2,750,996, 6-9-56, Cl. 155-179.
- Cramer, Solomon L.: See—  
Colvin, Wilbur F., and Cramer. 2,742,372.
- Crammond, Peter, and J. E. Denney, to Warner-Hudnut, Inc. Molding apparatus. 2,774,989, 12-25-56, Cl. 18-26.
- Crampton, Mfg. Co.: See—  
Savage, Kenneth W. 2,775,111.
- Scherbinski, Floyd P. 2,734,373.
- Cranberg, Lawrence, to the United States of America as represented by the United States Atomic Energy Commission. Pulse height analyzer system. 2,736,802, 2-28-56, Cl. 250-.
- Cranch, Edward J.: See—  
Carolus, James B., and Cranch. 2,743,097.
- Crandall, Charles B.: See—  
Drake, Russell P., Borchardt, and Crandall. 2,769,598.
- Crandall, Clarence D. Submersible fill pipe dispensing machine. 2,754,082, 7-10-56, Cl. 249-63.
- Crandall Corp.: See—  
Foster, Warren C. 2,729,584.
- Crandall, Henry C., to Mosinee Paper Mills Co. Method of impregnating fibrous materials. 2,767,088, 10-16-56, Cl. 92.
- Crandall, Julian T. Manufacture and construction of strings. 2,735,258, 2-21-56, Cl. 57-140.
- Crandall, Lawrence S. Paint can rim protector and brush scraper. 2,756,899, 7-31-56, Cl. 220-90.
- Crandall, Clarence D. Rotary internal combustion engine. 2,740,386, 4-3-56, Cl. 123-12.
- Crandall, Roland D. Stereoscopes. 2,733,635, 2-7-56, Cl. 88-29.
- Crandell, Paul A., and R. M. Hatch, Jr., to Laboratory For Electronics, Inc. High frequency apparatus. 2,759,101, 1-14-56, Cl. 250-36.
- Crandell, Roy L., to Hollymade Hardware Mfg. Co. Door knob latch set. 2,741,502, 4-10-56, Cl. 292-169.
- Crandell, Roy L., to Challenger Lock Co., Inc. Extension unit for door lock latches. 2,765,187, 10-2-56, Cl. 292-1.
- Crandon, Lawrence H., G. S. Ley, and T. C. Pridmore, to the United States of America as represented by the Secretary of the Navy. Low voltage regulated power supply. 2,760,144, 8-21-56, Cl. 323-22.
- Crane, Carlton L.: See—  
Malm, Carl J., and Crane. 2,768,161.
- Malm, Carl J., and Crane. 2,772,267.
- Crane Co.: See—  
Anderson, Andrew E. 2,758,813.
- Bredtschneider, Kurt B. 2,730,119.
- Bredtschneider, Kurt B., and Petrie. 2,750,955.
- Bredtschneider, Kurt B., and Onak. 2,771,498.
- Bredtschneider, Kurt E. B. 2,744,651.
- Bredtschneider, Kurt E. B. 2,744,775.
- Cantalupo, Francis J. 2,752,933.
- Carr, Edward W., Daehler, Adelman, and Hansen. 2,753,889.
- Dopp, Carl A., and Setka. 2,763,287.
- Fennema, Richard, Anderson, and Krueger. 2,749,083.
- Feiszar, Mitchell J., Sr., Goldsmith, Lenc, and Pikiunas. 2,756,043.
- Hansen, George E. 2,730,121.
- Hansen, George E. 2,730,127.
- Hansen, George E., Cotterman, and De Craene. 2,750,960.
- Hjulian, Julius A. 2,738,945.
- Hjulian, Julius A. 2,744,738.
- Hjulian, Julius A. 2,745,427.
- Hjulian, Julius A. 2,754,097.
- Hjulian, Julius A. 2,770,422.
- Laird, Hubert C. 2,746,470.
- Laird, Hubert C. 2,767,730.
- Laird, Hubert C., and Bredtschneider. 2,761,002.
- Langner, Emil. 2,747,833.
- Nelson, Axel B. 2,763,872.
- Nelson, Axel B., Schmidt, and Zinkil. 2,774,972.



- Crane Co.: *See*—Continued  
 Roberts, John T. 2,759,353.  
 Schmidt, Edward G. 2,741,775.  
 Schmidt, Edward G., and Nelson. 2,743,459.  
 Stone, Carl R. 2,740,130.  
 Stone, Carl R., and Schmidt. 2,745,428.  
 Svabek, John E., Jr. 2,752,612.  
 Svabek, John E., Jr., Stone, and Schmidt. 2,756,437.  
 Townsend, Albert J. 2,749,084.  
 Zinkil, Roy H., Newman, and Novak. 2,766,461.
- Crane, Edgar M.: *See*—  
 Crane, Kathryn B. and E. M., and B. S. and J. D. Drake. 2,768,384.
- Crane, Edward: *See*—  
 Sharp, Allen W., and Crane. 2,739,347.
- Crane, Harold S., to The Diamond Match Co. Molded pulp slipper. 2,747,301, 5-29-56, Cl. 36-9.
- Crane, Henry M., to General Motors Corp. Independent spring suspensions for dirigible wheels. 2,736,570, 2-28-56, Cl. 280-96.2.
- Crane, Howard B. Beam compass. 2,752,683, 7-3-56, Cl. 33-27.
- Crane, James E., to Foster Grant Co., Inc. Clip-on sunglass. 2,737,848, 3-13-56, Cl. 88-41.
- Crane, Kathryn B. and E. M., and B. S. and J. D. Drake. Ear protector. 2,768,384, 10-30-56, Cl. 2-174.
- Crane, Packing Co.: *See*—  
 Asp, Howard L., and Haake. 2,730,131.  
 Payne, Frank E. Re. 2,741,135.  
 Payne, Frank E., and Haake. 2,758,856.  
 Payne, Frank E., and Sole. 2,747,902.  
 Stack, Theodore T. 2,745,687.
- Crane, Robert, Jr.: *See*—  
 Zaleski, John F., and Crane. 2,733,411.
- Crane, Robert, Jr., and M. W. McKay, to General Precision Laboratory Inc. Automatic frequency control circuit. 2,748,384, 5-29-56, Cl. 343-17.2.
- Crane, Robert, Jr., and K. L. See to General Precision Laboratory, Inc. Marine wave recorder. 2,768,368, 10-23-56, Cl. 340-207.
- Crane, Robert L., to Continental Machines, Inc. Automatic feed control apparatus for machine tools. 2,754,567, 7-17-56, Cl. 29-88.
- Crane, Robert L., to Continental Machines, Inc. Metal cutting band saw with manually controllable power driven work feed. 2,774,131, 12-18-56, Cl. 29-68.
- Crane, Walton B., to Allied Plastics Co. Produce shipping container. 2,748,050, 4-24-56, Cl. 229-15.
- Crane, Walton B., to Allied Plastics Co. Shipping container. 2,744,675, 5-8-56, Cl. 229-27.
- Crane, William B., Jr. Collapsible display containers. 2,748,927, 6-5-56, Cl. 206-44.
- Cranford, John M.: *See*—  
 Coupland, Frank H., Jr., Phelps, Cranford, and Daniel. 2,731,690.
- Cramer, John M., to Socony Mobil Oil Co., Inc. Asphalt manufacture. 2,762,758, 9-11-56, Cl. 196-74.
- Cranell, Wayne T.: *See*—  
 Beckett, Donald E. and W. N., and Cranell. 2,773,508.
- Cransberg, Rolf, and H. A. Van Oosterhout, to N. V. Metallic Industry. Electrolytic deposition of copper. 2,742,412, 4-17-56, Cl. 204-32.
- Cransberg, Rolf, and H. A. Van Oosterhout, to N. V. Metallic Industry. Bright copper plating bath. 2,742,413, 4-17-56, Cl. 204-52.
- Cranshaw, Edward: *See*—  
 Childs, Richard L., and Cranshaw. 2,773,346.
- Cranston Print Works Co.: *See*—  
 Angevine, William H., Jr. 2,774,525.
- Lawrence, Edward W. 2,768,092.
- Cranston, Walter C., Sr. Cross chain attaching device. 2,733,748, 2-7-56, Cl. 152-231.
- Cranwill, James N. Reel engageable device for retaining a metallic tape in tightly wound position therein and for covering the otherwise exposed surface thereof. 2,768,740, 10-30-56, Cl. 206-53.
- Crawford, Paul W., to Litton Industries Inc. Magnatron anode-cathode structure. 2,737,611, 3-6-56, Cl. 315-39.53.
- Crapuchettes, Paul W., to Litton Industries Inc. Magnatron output coupler. 2,765,423, 10-2-56, Cl. 315-39.
- Craven, Edgar A. Detachable scope mount for guns. 2,767,473, 10-23-56, Cl. 33-50.
- Craven, Paul M., and J. A. Patterson, to The Dow Chemical Co. Method of making weighted polymer beads. 2,769,788, 11-6-56, Cl. 260-17.
- Craven, Royston A. F.: *See*—  
 Gascoine, Arthur C., and Craven. 2,764,648.
- Craven, Wilbur J.: *See*—  
 Warner, Alden Y., Craven, Stacherl, and Boesel. 2,754,560.
- Craven, Wilbur J., to The Capewell Mfg. Co. Separable link. 2,746,116, 5-22-56, Cl. 24-265.
- Cravenette Co., The: *See*—  
 Avery, Charles E., and Cravenette. 2,767,104.
- Craver, Albert F., to The Patrol Valve Co. Galvanic anode assembly. 2,740,757, 4-3-56, Cl. 204-197.
- Craver, Augustus E., to American Viscose Corp. Curved spreader guide. 2,735,156, 2-21-56, Cl. 26-63.
- Crawford, Albert. Tile laying apparatus. 2,742,003, 4-17-56, Cl. 111-5.
- Crawford, Carl F., to Radio Corp. of America. Lens antenna. 2,729,816, 1-3-56, Cl. 343-753.
- Crawford, Carlos E. Control valves. 2,768,644, 10-30-56, Cl. 137-510.
- Crawford, Claud F., to The Scholl Mfg. Co., Inc. Foot corrective pad. 2,740,401, 4-3-56, Cl. 128-153.
- Crawford, Cullen B., to Watts Electric & Mfg. Co. Tube coupling adapted to upset pipe end. 2,761,704, 9-4-56, Cl. 285-331.
- Crawford, David C. Wood panel construction. 2,732,598, 1-31-56, Cl. 20-91.
- Crawford Door Co.: *See*—  
 Van De Warker, Merle M. 2,757,054.
- Crawford, Francis W., to Phillips Petroleum Co. Recorder circuit. 2,769,919, 11-6-56, Cl. 250-83.3.
- Crawford, Fred F.: *See*—  
 Charton, Paul W., and Crawford. 2,742,590.
- Crawford, Frederick C., to Thompson Products, Inc. Method of producing a cast alloy coated oxidizable metal article. 2,754,570, 7-17-56, Cl. 29-156.8.
- Crawford, George L. Painter's guide. 2,754,799, 7-17-56, Cl. 118-304.
- Crawford, H. E. Co., Inc.: *See*—  
 Crawford Herman E. 2,757,526.
- Crawford, Herman E. Elastic selvage top for knitted articles and method. 2,731,819, 1-24-56, Cl. 66-172.
- Crawford, Herman E., to H. E. Crawford Co., Inc. Knitting machine. 2,757,526, 8-7-56, Cl. 66-48.
- Crawford, Herman E., to the United States of America as represented by the Secretary of the Navy. Magnetic amplifiers. 2,731,521, 1-17-56, Cl. 179-171.
- Crawford, Jack A., to the United States of America as represented by the Secretary of the Navy. Current trap for preventing coupling between two generators. 2,735,020, 2-14-56, Cl. 307-51.
- Crawford, James E., E. V. Browne, J. E. Glenn, and J. D. Pigford, to Northrop Aircraft, Inc. Leading edge flap and control system. 2,774,555, 12-18-56, Cl. 244-42.
- Crawford, James H., Jr. Corneal implant. 2,754,520, 7-17-56, Cl. 3-13.
- Crawford, James V., R. A. Fischer, and D. B. Le May, to The Garrett Corp. Inflation aspirator. 2,772,829, 12-4-56, Cl. 230-95.
- Crawford, John F., deceased, by M. A. Crawford, executrix, to J. I. Case Co. Forging process. 2,747,270, 5-29-56, Cl. 2-154.
- Crawford, John S. Electrical connector lug. 2,745,082, 5-8-56, Cl. 339-276.
- Crawford, John W. C.: *See*—  
 Birley, Arthur W., Crawford, and Jukes. 2,730,518.
- Crawford, John W. C., and J. S. Sicker, to Imperial Chemical Industries Ltd. Purification of  $\alpha$ -chloroacrylic acid derivatives. 2,736,744, 2-28-56, Cl. 260-486.
- Crawford, Lottie L.: *See*—  
 Wolcott, Harold D. 2,756,729.
- Crawford, Maude A.: *See*—  
 Crawford, John F. 2,747,270.
- Crawford, Perry, Jr., to Underwood Corp. High speed high quality printer. 2,737,883, 3-13-56, Cl. 101-93.
- Crawford, Perry, Jr., to Underwood Corp. Code typing means. 2,745,532, 5-15-56, Cl. 197-1.
- Crawford, Richard B., J. D. Gow, W. G. Pon, and L. Ruby, to the United States of America as represented by the United States Atomic Energy Commission. Ion source. 2,764,707, 9-25-56, Cl. 313-63.
- Crawford, Theodore E.: *See*—  
 Schneebeli, Emil, and Crawford. 2,775,147.
- Crawford, Thomas G.: *See*—  
 Dunlap, Charles K., and Crawford. 2,751,936.
- Crawford, Thomas J.: *See*—  
 Caputo, James V., and Crawford. 2,747,155.
- Crawford, Thomas J. Induction heating and welding. 2,769,886, 11-6-56, Cl. 219-8.5.
- Crawford, Thomas J. High speed induction welding. 2,769,887, 11-6-56, Cl. 219-8.5.
- Crawford, Wayland H., to Modern Village Stores, Inc. Automatic check stand. 2,755,909, 7-24-56, Cl. 198-65.
- Crawford, Wayland H., to Modern Village Stores, Inc. Conveyor system for check stands. 2,755,910, 7-24-56, Cl. 198-65.
- Crawford, Wayland H., to Modern Village Stores, Inc. Check stand. 2,756,843, 7-31-56, Cl. 186-1.
- Crawford, William W., to The Schlechter Jute Cordage Co. Twine. 2,729,933, 1-10-56, Cl. 57-140.
- Crawley, John E., to The Governors of the University of Toronto. Poultry virus vaccine products and method of preparing the same. 2,767,117, 10-16-56, Cl. 167-78.
- Cray, Seymour R., to Sperry Rand Corp. Magnetic core logical circuits. 2,741,758, 4-10-56, Cl. 340-174.
- Creamer, John M., The: *See*—  
 Wise, Robert T. 2,756,696.
- Creamer, Edgar M., Jr.: *See*—  
 Boothroyd, Wilson P., and Creamer. 2,769,855.
- Creamer, Edgar M., Jr., to Philco Corp. Sound and color signal detection system. 2,770,673, 11-13-56, Cl. 178-5.4.
- Creamer, Edgar M., Jr., to Philco Corp. Color sampler synchronizing system. 2,771,508, 11-20-56, Cl. 178-69.5.
- Creamery Package Mfg. Co., The: *See*—  
 Buehler, Leon, Jr. 2,740,269.  
 Hanson, Rodney L., and Mitten. 2,748,802.
- Creative Services, Inc.: *See*—  
 Buck, William C. 2,744,985.
- Crede, Charles E., to Barry Controls Inc. Supporting device. 2,739,774, 3-27-56, Cl. 248-24.

- Cree, Daniel L., to Kalamazoo Vegetable Parchment Co. Method for coating paper with thermoplastic material and cooling. 2,732,319, 1-24-56, Cl. 117-103.
- Creed and Co., Ltd.: See—
- Creed, Reginald D., and Nash. 2,747,712.
- Creed, Kenneth E., Jr., to Monsanto Chemical Co. Process of making agglomerates for rubber compounding and product thereof. 2,762,855, 9-11-56, Cl. 260-785.
- Creed, Sherman H., to Food Machinery and Chemical Corp. Article feeding mechanism. 2,756,862, 7-31-56, Cl. 198-26.
- Creed, William F. Blower unit for oil burners. 2,767,905, 10-23-56, Cl. 230-114.
- Creek, John O., to Orenda Engines Ltd. Device for removing sharp edges from spaced projections. 2,754,636, 7-17-56, Cl. 51-141.
- Creek, John O., and E. W. Dawson, to A. V. Roe Canada Ltd. Pattern controlled machine tools. 2,737,856, 3-13-56, Cl. 90-24.3.
- Creek, John O., and E. W. Dawson, to A. V. Roe Canada Ltd. Gouge apparatus. 2,763,934, 9-25-56, Cl. 33-147.
- Credimont, George D., to Gerni, s.p.a. Spot photometer. 2,771,000, 1-20-56, Cl. 88-23.
- Creelman, Raymond C. Surgical operating table for small infants. 2,751,268, 6-19-56, Cl. 311-5.
- Creelman, Raymond C. Anti-bacterial masks. 2,751,905, 6-26-56, Cl. 12-146.
- Creely, Clarice A.: See—
- Slotkin, George B., and Creely. 2,744,256.
- Creely, Joseph W.: See—
- Mecco, Jerry M., and Creely. 2,774,647.
- Mecco, Jerry M., and Creely. 2,774,648.
- Mecco, Jerry M., and Creely. 2,774,649.
- Crego, Francis T., and P. M. Hulme, to Air Reduction Co., Inc. Carburiizing molten ferrous metal. 2,762,701, 9-11-56, Cl. 75-48.
- Creighton, Delbert B. Beverage container and dispenser. 2,774,521, 12-18-56, Cl. 222-399.
- Creiman, Lytle P., to General Electric Co. Combination switch and interlock for electrical devices. 2,771,560, 11-20-56, Cl. 307-156.
- Creiman, Lytle P., and E. O. Peterson, to General Electric Co. Combined receptacle and switch. 2,767,329, 10-16-56, Cl. 307-112.
- Cretz, Ellis E., and H. G. Iverson. Process for rendering titanium minerals and ores soluble in acids. 2,750,255, 6-12-56, Cl. 23-51.
- Credo Mfg. Co., Inc.: See—
- Lime, Ernal J., and Hedges. 2,732,098.
- Cremens, Leroy W. Metallic hand railing. 2,754,092, 7-10-56, Cl. 256-21.
- Cremer, Frits, to Marbill Co. Heat insulating hand covering. 2,735,108, 2-21-56, Cl. 2-158.
- Cremer, Gottfried M. J. Tunnel kiln for firing ceramic articles. 2,736,943, 3-6-56, Cl. 25-142.
- Crenshaw, Clarence W.: See—
- Walker, John H., and Crenshaw. 2,764,041.
- Crenshaw, Russell S., Jr. Motor control system. 2,750,549, 6-12-56, Cl. 818-207.
- Creo-Dipit Co., Inc.: See—
- Fink, Carl J., and Heintz. Re. 24,246.
- Crerar Adams & Co.: See—
- Klingler, Karl A., and Martin. 2,735,726.
- Crescas, Charles, and B. P. Elkin. Hypodermic injection devices. 2,734,504, 2-14-56, Cl. 128-218.
- Crescent Co., Inc.: See—
- Anderson, Thure B. 2,765,451.
- Crescent, Henri A. Adjustable chair with invisible mechanism. 2,732,006, 1-24-56, Cl. 155-88.
- Crescent Products Co.: See—
- Davis, Michael. 2,740,506.
- Crescenzo, Francis C., to Package Machinery Co. Wrapping machine. 2,760,621, 8-28-56, Cl. 198-170.
- Crespi, Giovanni. Compress laminated refractory block for metallurgical furnaces. 2,759,723, 8-21-56, Cl. 266-43.
- Cress, Howard S., to United States Steel Corp. Liquid-fuel burner for furnaces or the like. 2,732,257, 1-24-56, Cl. 299-140.
- Cressi, Giovanni, and L. Ferraro. Fins for swimmers. 2,737,668, 3-13-56, Cl. 91-21.
- Cressman, Robert C., and E. F. Reihman, to General Electric Co. Remote control key switch. 2,771,521, 11-20-56, Cl. 200-42.
- Cresson, James, to The L. D. Caulk Co. Dental impression material. 2,769,717, 11-6-56, Cl. 106-38.35.
- Cresswell, Arthur, to American Cyanamid Co. Polymerization of acrylonitrile. 2,761,374, 6-19-56, Cl. 260-88.7.
- Creswell, Paul H. Stripping gun for road marking. 2,756,103, 7-24-56, Cl. 299-86.
- Creswick, Edward A., to The American Laundry Machinery Co. Distillation method and apparatus for dry cleaning. 2,765,869, 10-30-56, Cl. 8-158.
- Cressure, Melville C., to the United States of America as represented by the Secretary of the Navy. Single bias voltage curve shaping network. 2,769,137, 10-30-56, Cl. 323-74.
- Creveling, Catherine B., and E. V. Pennell, to Castro Decorators, Inc. Convertible hassock and bed combination. Re. 24,228, 3-13-56, Cl. 155-45.
- Creveling, Cyrus J. Magnetic amplifier. 2,753,518, 7-3-56, Cl. 323-89.
- Crevier, Roger P., to The Fuller Brush Co. Cylindrical brush. 2,734,210, 2-14-56, Cl. 15-182.
- Crew, Fred W. Steering wheel mounting device. 2,731,823, 1-24-56, Cl. 70-218.
- Crew, Theodore F. Hand bob sled. 2,771,298, 11-20-56, Cl. 280-16.
- Crews, Samuel. Extruding applicator for caulking compound and the like. 2,731,176, 1-17-56, Cl. 222-326.
- Crews, Lowell T.: See—
- Kalinowski, Mathew L., and Crews. 2,772,179.
- Kalinowski, Mathew L., Crews, and Bolt. 2,753,274.
- Crews, Lowell T., and M. L. Kalinowski, to Standard Oil Co. Asphalt compositions. 2,759,839, 8-21-56, Cl. 106-273.
- Crews, Lowell T., M. L. Kalinowski, and F. H. MacLaren, to Standard Oil Co. Asphalt compositions. 2,759,840, 8-21-56, Cl. 106-273.
- Crews, Lowell T., and M. L. Kalinowski, to Standard Oil Co. Asphalt compositions. 2,759,841, 8-21-56, Cl. 106-273.
- Cribben and Sexton Co.: See—
- James, Lewis A., and D. A. 2,730,384.
- Nelson, James A., and Aligno. 2,759,675.
- Cribbs, Francis J., and T. J. Mechanical pencil having a push button, step by step feed. 2,771,858, 11-27-56, Cl. 120-17.
- Cribbs, Thomas J.: See—
- Cribbs, Francis J., and T. J. 2,771,858.
- Crick, Robert G. D.: See—
- Milne, John N., and Crick. 2,759,910.
- Cridde, Stuart. Spinning lure. 2,763,953, 9-25-56, Cl. 43-42.16.
- Crieger, Alvin L. Adjustable lamp. 2,732,487, 1-24-56, Cl. 240-81.
- Criser, Thomas G.: See—
- Lawson, David E., Urban, and Crider. 2,755,979.
- Crisger, Herman J., and J. O. Millott, to the United States of America as represented by the Secretary of the Army. Cal. 30 multiple machine gun carriage. 2,752,825, 7-3-56, Cl. 89-37.
- Crihfield, Glenn: See—
- Royce, Draper P. 2,765,477.
- Crim, Hugh S., to United Aircraft Corp. Jump-type flow divider for turbine power plant fuel system. 2,770,945, 11-20-56, Cl. 60-39.09.
- Crimi, Vincent J. Unitary internal combustion engine. 2,764,134, 9-25-56, Cl. 121-117.
- Crimppwell Corp., The: See—
- Martinez, Rene. 2,747,171.
- Cringlino, Ignace. Sharpening apparatus for razor blades. 2,729,922, 1-10-56, Cl. 51-153.
- Crink, Wilbur E., and E. C. Colyer, to Addressograph-Multi-graph Corp. Selective plates control in address printing machines. 2,758,538, 8-14-56, Cl. 101-57.
- Crippen, Richard B.: See—
- Clevidence, Lewis G., and Crippen. 2,731,546.
- Cripps, Henry T. Apparatus for cutting drum cams. 2,736,242, 2-28-56, Cl. 90-13.9.
- Crise, George W. Electrical hair drier and method of producing the same. 2,745,192, 5-15-56, Cl. 34-96.
- Crisp, William H., to Firth-Brown Tools Ltd. Fluted cutting tools. 2,769,355, 11-6-56, Cl. 77-70.
- Crist, Buckley, 9/16 to B. Crist and 1/4 to E. L. Haddon. Beverage dispensing machine. 2,744,672, 5-8-56, Cl. 226-16.5.
- Crist, Thomas D. Leader-keepers. 2,743,546, 5-1-56, Cl. 43-54.5.
- Criswell, Cleon S., to American Encaustic Tiling Co., Inc. Tile setter. 2,733,497, 2-7-56, Cl. 25-153.
- Criswell, Owen M. Motor vehicle light circuit warning device. 2,773,750, 12-25-56, Cl. 340-52.
- Critchfield, John E., 1/2 to Leta Collins. Starting motor attachment. 2,760,377, 8-28-56, Cl. 74-8.
- Critchley, Thomas. Full throw mechanism for fastener driving means. 2,768,376, 10-30-56, Cl. 1-46.
- Critchley, William C., to The Gleason Works. Hydraulic system and periodically flushed throttle valve therefor. 2,747,371, 5-29-56, Cl. 60-52.
- Crites, William G. Safety device to be used on moving automotive machinery and planes, etc. 2,766,345, 10-9-56, Cl. 200-61.45.
- Critics Associated: See—
- Loeserth, Joseph E., and Honour. 2,751,592.
- Critoph, David I., J. F. Herrmann, and F. H. Wolford, to American Optical Co. Film projector. 2,734,421, 2-14-56, Cl. 88-28.
- Crittenden, Adam J., and C. A. Lee, to Kimberly-Clark Corp. Packaging machine. 2,736,246, 2-28-56, Cl. 92-44.
- Crittenden, Harry B., Jr. Slidable jaw means for an open end wrench. 2,730,000, 1-10-56, Cl. 81-179.
- Crittenden, Lexie R., and W. Gail, Jr., to Remington Arms Co., Inc. Barrel to receiver connection on a firearm. 2,747,313, 5-29-56, Cl. 42-75.
- Critter, L. L., and E. W. Hailston, to Remington Arms Co., Inc. Cartridge feeding in a tubular magazine firearm. 2,751,702, 6-26-56, Cl. 42-17.
- Crivella, Joseph C. Convertible horse trailers. 2,733,095, 1-31-56, Cl. 296-26.
- Croasdale, Harold B.: See—
- Lawrence, Kenneth L., Croasdale, and Spaulding. 2,742,415.
- Croce, Michele, and C. G. Shuttlesworth, to Certain-Teed Products Corp. Plaster compositions and products. 2,744,022, 5-1-56, Cl. 106-110.
- Croce, Santy M., to Coty, Inc. Atomizing and dispensing apparatus. 2,733,102, 1-31-56, Cl. 299-86.
- Croce, Santy M., to Coty, Inc. Atomizers. 2,755,131, 7-17-56, Cl. 299-88.



- Croce, Santy M., to Coty, Inc. Atomizers. 2,755,132, 7-17-56, Cl. 299—88.
- Croce, Santy M., to Coty, Inc. Anti-tampering device for bottles. 2,755,951, 7-24-56, Cl. 215—7.
- Crocker, George. Ice creeper. 2,741,040, 4-10-56, Cl. 36—62.
- Crocker, H. S., Co., Inc. *See*—
- Cronenwett, Fred M. 2,771,854.
- Crocket, John C. Parallel-motion-supported picker stick device for looms. 2,739,622, 3-27-56, Cl. 139—150.
- Crockett, Earnest L. *See*—
- Crockett, Thomas E. 2,731,979.
- Crockett, Melvin W. *See*—
- Ellis, Gaines H., and Crockett. 2,761,286.
- Crockett, Sydney R., to the United States of America as represented by the Secretary of the Navy. Propellant impelled turbine. 2,743,576, 5-1-56, Cl. 60—35.6.
- Crockett, Sydney R. Gyroscopic roll control system for aircraft. 2,775,202, 12-26-56, Cl. 102—50.
- Crockett, Thomas E., to E. L. Crockett. Inlet valve for toilet flush tank. 2,731,979, 1-24-56, Cl. 137—414.
- Crockin, Jerome M. *See*—
- Leslie, Eugene H., and Crockin. 2,751,391.
- Croco, Charles P., C. H. Jennings, R. V. Lester, and E. F. Stierlin, to Westinghouse Electric Corp. Rectifier type arc welding apparatus. 2,752,529, 6-26-56, Cl. 315—141.
- Crofton, Wilfred B. Automatic stroke-changing apparatus for windmills. 2,732,723, 1-31-56, Cl. 74—110.
- Croftut, George B., Jr. *See*—
- Barlow, Dick S., and Croftut. 2,749,387.
- Crom, John M., Jr. Apparatus for low power tensioned winding of concrete articles. 2,749,054, 6-5-56, Cl. 242—11.
- Cromeans, John S. *See*—
- Carter, Norman C., and Cromeans. 2,747,004.
- Carter, Norman C., and Cromeans. 2,775,631.
- Clair, Alfred, and Cromeans. 2,742,519.
- Crompton & Knowles Loom Works. *See*—
- Bergstrom, Carl P. 2,754,853.
- Bergstrom, Carl P. 2,754,854.
- Brouwer, Benjamin W., and Dion. 2,746,487.
- Brouwer, Benjamin W., and Palmer. 2,750,966.
- Darwin, Clifford. 2,760,525.
- Hall, Kenneth J. 2,746,490.
- Holmes, Elbridge R. 2,741,271.
- Hooper, Leslie J., and Kronoff. 2,773,517.
- Kovaleski, John W. 2,760,527.
- Kronoff, Clarence R. 2,746,778.
- Kronoff, Clarence R., and Taylor. 2,745,185.
- Larala, Artemio, and Sepavich. 2,766,781.
- Pearce, George W. 2,771,099.
- Turner, Richard G. 2,770,261.
- Cromwell, Harold J., to General Motors Corp. Switch. 2,743,958, 11-1-56, Cl. 200—83.
- Cromwell, Harold J., and W. H. Taylor, to General Motors Corp. Starter. 2,747,414, 5-29-56, Cl. 74—7.
- Cronberger, Luther C. Magnetic fasteners. 2,742,250, 4-17-56, Cl. 248—206.
- Cronin, Albert H., to Geo. D. Roper Corp. Ceramic radiant broiler burner. 2,745,480, 5-15-56, Cl. 158—113.
- Crone, Albert H., to Geo. D. Roper Corp. Top burner construction for gas stoves. 2,745,481, 5-15-56, Cl. 158—115.
- Crone, Albert H., to Geo. D. Roper Corp. Space heater construction. 2,752,126, 6-5-56, Cl. 25—151.
- Crone, Albert H., to Geo. D. Roper Corp. Top burner assembly for gas stove. 2,759,471, 8-21-56, Cl. 126—39.
- Crone, Albert J. Roller skate. 2,763,490, 9-18-56, Cl. 280—11.28.
- Cronenwett, Fred M., to H. S. Crocker Co., Inc. Dairy order indicator. 2,771,854, 11-27-56, Cl. 116—133.
- Cross Products, Inc. *See*—
- Wyatt, Harold T. 2,757,514.
- Cronheim, George E., N. H. Leake, and M. L. Fielden, to The S. E. Massengill Co. Aminoalkyl and quaternary ammonium alkyl esters of o-benzylbenzoic acid. 2,765,305, 10-2-56, Cl. 260—247.2.
- Cronheim, Richard B. Vented covers for cooking vessels. 2,760,672, 8-28-56, Cl. 220—44.
- Cronin, Denis E., to The General Electric Co. Ltd. Aerial systems. 2,742,640, 4-17-56, Cl. 343—772.
- Cronin, Ronald F. *See*—
- Monison, William J., and Cronin. 2,774,980.
- Cronin, Sidney V. *See*—
- Tole, Donald K., and Cronin. 2,764,910.
- Croninger, George W. *See*—
- Kempe, Robert A., and Croninger. 2,763,919.
- Cronk, Kenneth E., to Union Pacific Mfg. Corp. Household switch mechanism. 2,740,873, 4-3-56, Cl. 200—168.
- Cronkrite, John T. Apparatus for facilitating flow of liquid through gathering pipe lines to a pump supplying a main pressure line. 2,768,704, 10-30-56, Cl. 183—27.
- Crooker, David E. *See*—
- Heintz, James C., Jr., and Felker. 2,756,460.
- Crooker, David E., Jr., to L. L. Felker. Stud holders for use in tire molds. 2,770,013, 11-13-56, Cl. 18—36.
- Crookes, Le Roy W. Discoid-shaped aircraft. 2,730,312, 1-10-56, Cl. 244—13.
- Crooks, Charles H., to Imperial Chemical Industries, Ltd. Production of artificial films. 2,728,944, 1-3-56, Cl. 18—15.
- Crooks, Horatio N., and L. C. Hobbs, to Radio Corp. of America. Signal responsive circuit. 2,737,583, 3-6-56, Cl. 250—27.
- Crooks, Marcus L., and P. A. Chelaflo, to Erie Resistor Corp. Method of making thin film electroded ceramic elements. 2,752,662, 7-3-56, Cl. 29—25.35.
- Crookshank, Paul R. *See*—
- Hood, Glay M., and Crookshank. 2,751,297.
- Crookston, Robert R., to Esso Research and Engineering Co. Steam valve. 2,733,041, 1-31-56, Cl. 251—14.
- Crookston, Robert R., to Esso Research & Engineering Co. Apparatus for controlling and releasing pressure. 2,741,262, 4-10-56, Cl. 137—492.
- Crookston, Robert R., to Esso Research and Engineering Co. Snap action regulator valve. 2,745,429, 5-15-56, Cl. 137—492.5.
- Crookston, Robert R., to Esso Research and Engineering Co. Multiple piston operated mud valve. 2,751,183, 6-19-56, Cl. 251—11.
- Crookston, Robert R., to Esso Research and Engineering Co. Energy absorber and braking device. 2,760,439, 8-28-56, Cl. 103—159.
- Cropley, William D., to The Hoover Co. Filter bag. 2,751,041, 5-1-56, Cl. 183—51.
- Cropp, David, to Solar Electric Corp. Flash lamp. 2,737,798, 3-13-56, Cl. 67—31.
- Cropper, Walter V. *See*—
- Stubblefield, Edward M., and Cropper. 2,755,170.
- Crosby Chemical, Inc. *See*—
- Drew, John, and Lampo. 2,753,330.
- Crosby, Edward L., Jr., and C. E. Pfund, to Bendix Aviation Corp. Coaxial low-noise amplifier. 2,751,443, 6-19-56, Cl. 179—171.
- Crosby, Gifford W. *See*—
- Rees, William L., and Crosby. 2,769,767.
- Fierce, William L., and Crosby. 2,769,768.
- Crosby, Gilmore E., and T. W. Edwards, to Radio Corp. of America. Luminescent materials and applications thereof. 2,758,941, 8-14-56, Cl. 117—33.5.
- Crosby, Hartzell L. *See*—
- Gray, Kenneth R., Crosby, and Steinberg. 2,772,965.
- Crosby, Melvin A., to The Commonwealth Engineering Co. of Ohio. Ignition system. 2,769,021, 10-30-56, Cl. 123—148.
- Crosby, Murray G. Exalted-carrier television receiver. 2,738,380, 3-13-56, Cl. 178—5.8.
- Crosby, Murray G. Sideband transmitter. 2,761,105, 8-29-56, Cl. 332—41.
- Crosby, Peter. *See*—
- Bestard, Waldemar J. 2,753,710.
- Crosset, Louis P. Flexible couplings. 2,764,003, 9-25-56, Cl. 64—14.
- Crosley Broadcasting Corp. *See*—
- Rockwell, Ronald J. 2,763,732.
- Rockwell, Ronald J. 2,768,249.
- Crosman, Loring P., to Sperry Rand Corp. Reversible accumulator. 2,750,114, 6-12-56, Cl. 235—92.
- Cross, A. T. Pencil Co. *See*—
- Gray, Elmer. 2,753,844.
- Cross, Carl F., and S. J. Wayo, to Sinclair Refining Co. Drilling mud with quenched fluorescence. 2,740,758, 4-3-56, Cl. 252—8.5.
- Cross, Charles T., to General Motors Corp. Method of making grid bearings. 2,771,409, 11-20-56, Cl. 204—35.
- Cross, Clint, to Dover Corp. Lathe chuck orienting means. 2,759,735, 8-21-56, Cl. 279—110.
- Cross Co., The. *See*—
- Cross, Ralph E. 2,745,167.
- Cross, Edward L., to Alden Products Co. Electrical signal receiving. 2,761,753, 9-4-56, Cl. 346—33.
- Cross, Edward L., to Ozalid Co. Ltd. Photographic developing machines. 2,761,364, 9-4-56, Cl. 95—89.
- Cross, Harold H. Supplemental wheel assembly for vehicles. 2,731,276, 1-17-56, Cl. 280—81.
- Cross, James M., and M. E. Chiddix, to General Aniline & Film Corp. Long chain alkyl-benzenesulfonamidoalkanol ethers. 2,740,814, 4-3-56, Cl. 260—556.
- Cross, Milton C. *See*—
- Ward, Samuel J., and Cross. 2,761,643.
- Cross, Ralph E., to The Cross Co. Automatic chucking machine. 2,745,167, 5-15-56, Cl. 29—33.
- Cross, Richard N., to General Electric Co. Cable reeling system. 2,759,684, 8-21-56, Cl. 242—90.
- Cross, Sherwood T., and W. C. Griffin, to Atlas Powder Co. Fluid shortening composition. 2,746,868, 5-22-56, Cl. 99—90.
- Cross, Stanley W., to United Aircraft Corp. Fin damper insert. 2,771,277, 11-20-56, Cl. 257—261.
- Cross, Thomas, Jr., and J. H. Bartlett, to Esso Research and Engineering Co. Mineral oil additive. 2,733,235, 1-31-56, Cl. 260—125.
- Cross, Waldo C. Grain door installing tool. 2,738,160, 3-13-56, Cl. 254—79.
- Crosse, George W. *See*—
- Ashwood, Peter F., and Crosse. 2,774,554.
- Crossett Lumber Co. *See*—
- Chesley, Kenneth G., Montgomery, and Sandborn. 2,750,414.
- Sandborn, Lloyd T., and Stengle. 2,750,412.
- Sandborn, Lloyd T., and Stengle. 2,750,413.
- Crossfield Products Corp. *See*—
- Patch, Harold K., and Grundy. 2,771,824.
- Crossland, Lloyd B., and H. K. Beasley, to R. T. Vanderbilt Co., Inc. Method for the preparation of a cake batter. 2,768,082, 10-23-56, Cl. 99—82.
- Crossley, Arthur and H. M. Tubular fabric. 2,740,316, 4-3-56, Cl. 87—9.
- Crossley, Henry M. *See*—
- Crossley, Arthur and H. M. 2,740,316.
- Crosswhite, Henry M., Jr. *See*—
- Steinhaus, David W., and Crosswhite. 2,744,438.

- Croston, Clarence B., H. M. Teeter and J. C. Cowan, to the United States of America as represented by the Secretary of Agriculture. Polymerization process using boron fluoride. 2,729,658, 1—3-56, Cl. 260—407.
- Crothers, William J. Hair curling apparatus. 2,748,779, 6-5-56, Cl. 132—33.
- Crow, Maynard A., to P. R. Mallory & Co., Inc. Cam follower mechanism. 2,758,181, 8-7-56, Cl. 200—166.
- Crouch, Veva M. *See—*  
Welch, John M. 2,732,221.
- Crouch, Willie W., and J. F. Howe, to Phillips Petroleum Co. Butene-1-acrylonitrile-SO<sub>2</sub> terpolymers. 2,765,295, 10-2-56, Cl. 260—79.5.
- Crough, James F. Pump and motor hydraulic system. 2,765,588, 10-16-56, Cl. 60—53.
- Crounse, Nathan N., to Sterling Drug Inc. Process for obtaining crystal violet lactone. 2,742,483, 4-17-56, Cl. 260—543.4.
- Crouse, Harris W. Folding ladder. 2,774,528, 12-18-56, Cl. 228—37.
- Crouse-Hinds Co. *See—*  
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Jeffers, Walter M. 2,761,096.  
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Northup, Russell P. 2,753,391.
- Crow, Amos E. Tank bleeder. 2,732,071, 1-24-56, Cl. 21—56.
- Crow, Amos E. Tank bleeding device. 2,749,929, 6-12-56, Cl. 137—172.
- Crow, Clarence C. *See—*  
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- Crow, David G. *See—*  
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- Crow, Howard M. Hose reels. 2,752,198, 6-26-56, Cl. 299—78.
- Crow, Leonard R. Magnet holding block. 2,746,172, 5-22-56, Cl. 35—19.
- Crow, Robert P., to Motorola, Inc. Audio system. 2,750,451, 6-12-56, Cl. 179—171.
- Crowder, Alexander N., to Research Corp. Process for recovering sulfate ash from the furnace gases resulting from burning of black liquor. 2,749,212, 6-5-56, Cl. 23—48.
- Crowder, Charles W. Hydraulic motor vehicle stabilizer. 2,757,938, 8-7-56, Cl. 250—112.
- Crowe, Bernard F., and O. C. Elmer, to The Texas Co. Process for producing anilides. 2,742,502, 4-17-56, Cl. 260—562.
- Crowe, Bernard F., to The Texas Co. Process for converting carbonylation product to mixture of alcohols and acids. 2,732,212, 2-24-56, Cl. 195—28.
- Crowe, John H., to Minerals & Chemicals Corp. of America. Method of briquetting finely divided ores. 2,755,177, 7-17-56, Cl. 75—3.
- Crowe, William A. *See—*  
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- Crowell, Arnold B. *See—*  
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- Crowell, Arnold B., P. J. Schlessiger, and J. C. Baker, to International Business Machines Corp. Record controlled printing machine. 2,749,839, 6-12-56, Cl. 101—93.
- Crowell, Arnold B., H. A. Bel-Port, and C. V. Mankiewicz, to International Business Machines Corp. Continuous form feeding apparatus in selective printing machines. 2,770,185, 11-13-56, Cl. 101—19.
- Crowell, Irvin S. *See—*  
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- Crowell, Robert L., W. J. Kendall, and S. Hahn; said Kendall and Hahn assors. to said Crowell. Reading device. 2,765,543, 10-9-56, Cl. 35—35.
- Crowie, Robert H. *See—*  
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- Crowley, Cornelius J. and W. J. O'Brien, to The Seamless Rubber Co. Inflatable ball with composition cover and synthetic thread winding. 2,761,684, 9-4-56, Cl. 273—65.
- Crowley, Edgar L. *See—*  
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- Crowley, George C. General Electric Co. Heating device control circuit. 2,772,338, 11-27-56, Cl. 219—20.
- Crowley, George C., and R. A. Wise, to General Electric Co. Heating device control circuit. 2,768,273, 10-23-56, Cl. 219—20.
- Crowley, Henry L., to Republic Steel Corp. Process of reducing iron formate. 2,730,441, 1-10-56, Cl. 75—5.
- Crowley, Henry L., to Henry L. Crowley & Co., Inc. Magnetic compositions. 2,734,034, 2-7-56, Cl. 252—62.5.
- Crowley, Henry L., to Republic Steel Corp. Process of making powdered iron in a discrete crystalline form. 2,744,002, 5-1-56, Cl. 75—5.
- Crowley, Henry L., to Aeroxov Corp. Binder for agglomerating finely divided materials. 2,775,566, 12-25-56, Cl. 260—19.
- Crowley, Henry L., and A. M. Hossenlopp, to Henry L. Crowley & Co., Inc. Magnetic compositions. 2,736,708, 2-28-56, Cl. 252—62.5.
- Crowley, Henry L., and M. E. Graham, to Republic Steel Corp. Process of forming powdered metal parts in atmosphere containing H<sub>2</sub> and articles resulting therefrom. 2,765,519, 10-9-56, Cl. 29—182.5.
- Crowley, Henry L., and M. E. Graham, to Republic Steel Corp. Process of heat treating powdered metal parts. 2,766,117, 10-9-56, Cl. 75—224.
- Crowley, Henry L., & Co., Inc. *See—*  
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- Crowley, Henry L., and Hossenlopp. 2,736,708.
- Crowley, James D. *See—*  
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- Crowley, John J. Calculating device. 2,771,245, 11-20-56, Cl. 25—74.
- Crowley, Millard E., to Lippincott & Smith. Hop-picking machine. 2,750,945, 6-19-56, Cl. 130—30.
- Crowley, Thomas N., to American Chemical Paint Co. Method of scouring raw wool with non-ionic detergents and flocculating the waste effluent with alum. 2,762,681, 9-11-56, Cl. 13—139.
- Crown Chemical Corp. *See—*  
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- Crown Controls Co., Inc. *See—*  
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- Crown Cork & Seal Co., Inc. *See—*  
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- Crown Zellerbach Corp. *See—*  
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- Crownover, Joseph W., and H. W. Koren, to Sonotone Corp. Dielectric transducer signal and energy transducers. 2,769,867, 11-5-56, Cl. 179—110.
- Crowthier, George A., to Sperry Rand Corp. Mechanism for controlling the aiming of ordnance. 2,754,058, 7-10-56, Cl. 235—61.5.
- Crowthier, Gerald O., and L. H. Light, to Hartford National Bank and Trust Co., as trustee. Electric circuit arrangement for supplying a load with alternating current. 2,775,723, 12-25-56, Cl. 315—251.
- Crowthier, Hearl L. Scouring pad holder. 2,774,983, 12-25-56, Cl. 15—209.
- Crowthier, Milton *See—*  
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- Crowthier, Milton, to Arnold, Hoffman & Co., Inc. Solutions of polypropylidone. 2,734,043, 2-7-56, Cl. 260—31.2.
- Croxall, Robert W., to Elaine of Hollywood Brassiere Co. Brassiere. 2,734,193, 2-14-56, Cl. 2—42.
- Croy, John O. Centrifugal clutch. 2,754,949, 7-17-56, Cl. 19—105.
- Croydon Hospital Equipment Corp. *See—*  
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- Crozier, Harold E. Bushing and bearing extractor tool. 2,755,540, 7-24-56, Cl. 29—265.
- Crozier-Johns Co. *See—*  
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- Crozier, Leroy, to Crozier-Johns Co. Portable ironing board. 2,729,905, 1-10-56, Cl. 38—112.
- Cruce, Woodrow W. Flower holder. 2,745,218, 5-15-56, Cl. 47—41.
- Crucible Steel Co. of America *See—*  
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- Cruess, William F.: *See—*  
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- Cruess, William F., to Westinghouse Electric Corp. Telemetering systems. 2,749,535, 6-5-56, Cl. 340-183.
- Crull, Henry J. Method and apparatus for producing fish balls. 2,748,747, 6-5-56, Cl. 119-1.
- Crump, Eben J. Continuous coil winding machine. 2,743,066, 4-24-56, Cl. 242-79.
- Crum, Harvey E. Swimming appliance. 2,771,618, 11-27-56, Cl. 9-21.
- Crum, Paul C. Automatic circuit breaker system. 2,751,507, 6-1-56, Cl. 307-10.
- Crumb, Duane R., to General Motors Corp. Key controlled cylinder lock. 2,733,590, 2-7-56, Cl. 70-367.
- Crumbiegel, Joachim W.: *See—*  
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- Crumbley, Ranza A. Motor vehicle electrical circuit. 2,760,140, 8-21-56, Cl. 320-32.
- Crump, B. T., Co., Inc.: *See—*  
Seaton, William E. 2,742,747.
- Crump, Elmo E.: *See—*  
Foster, Harry R., and Crump. 2,752,492.  
Foster, Harry R., and Crump. 2,756,331.  
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- Crump, Elmo E., to Bell Telephone Laboratories, Inc. Radar method for target acquisition. 2,743,439, 4-24-56, Cl. 30-11.
- Crump, Eugene G.,  $\frac{1}{2}$  to J. Livignano. Horse shoe. 2,758,655, 8-14-56, Cl. 168-13.
- Crumpacker, Virgil R., L. C. Fenstermaker, and J. D. Chatten. Fixture device. 2,751,669, 6-26-56, Cl. 29-200.
- Crumrine, Herbert E.: *See—*  
Maye, Clyde R., Crumrine, and Rosenthal. 2,771,002.
- Cruise, Philip M., to Hughes Aircraft Co. Electrical circuit breaker. 2,757,259, 7-31-56, Cl. 200-117.
- Crutcher, Audrey S.: *See—*  
Cummings, James D. 2,746,516.
- Crutcher-Roifs-Cummings, Inc.: *See—*  
Cummings, James D. 2,763,236.  
Cummings, James D. 2,763,275.
- Crutcher, William H., Jr., to Coffee Research, Inc. Coffee roasting apparatus. 2,762,289, 9-11-56, Cl. 99-236.
- Cryar, William. Sectional repair mold for pneumatic tires. 2,770,838, 11-20-56, Cl. 18-18.
- Crylor: *See—*  
Mosse, Pierre. 2,768,995.
- Cryor, Robert E. Unit heat insulation for pipes. 2,758,043, 8-7-56, Cl. 154-44.
- Cryns, Joseph, to the United States of America as represented by the Secretary of the Army. Method of making compressed cereal bars for emergency rations and the resulting product. 2,738,277, 3-13-56, Cl. 99-83.
- Crystal Research Laboratories, Inc.: *See—*  
Robb, Charles G., and Ward. 2,761,832.
- Cytrink, Joseph O., Kemecek, and J. Mayer, to Syntarma, narodni podnik. Process for producing 4-substituted 1,2-diaryl-3,5-dioxo pyrazolidines. 2,773,880, 12-11-56, Cl. 260-310.
- Cubberley, Richard H., to The Patent and Licensing Corp. Process for producing coated insulating material. 2,765,091, 10-4-56, Cl. 107-11.
- Cuckson, Eric E., and A. L. Jones, to W. E. Cuckson & Son Ltd. Machine for use in the manufacture of zip fasteners. 2,744,561, 5-8-56, Cl. 153-1.
- Cuckson, W. E., and Son Ltd.: *See—*  
Cuckson, Eric E., and Jones. 2,744,561.
- Cudini, Roger G., to Moynahan Bronze Co. Foldable berth. 2,743,463, 5-1-56, Cl. 5-43.
- Cudmore, William H. Moisture tester for grains. 2,755,438, 7-17-56, Cl. 324-65.
- Cueilleiron, Jean, C. Long, and C. Pascaud, to Societe d'Electro-Chimie d'Electro-Metallurgie et des Acieries Electriques d'Ugine. Process of making pulverulent metallic titanium. 2,750,271, 6-12-56, Cl. 75-0.5.
- Cuervo, Jose A.: *See—*  
Aladasso, Eduardo. 2,774,958.
- Cuff, Harold B., H. A. Swartz, and A. J. Lorenz, to American Hard Rubber Co. Submarine battery jar support construction. 2,730,581, 1-10-56, Cl. 136-181.
- Cugini, Louis: *See—*  
Persico, Ralph W., and Cugini. 2,743,446.  
Pompa, Dominic, and Cugini. 2,773,263.
- Culbertson, James G.: *See—*  
Gideon, Victor W. 2,759,718.
- Culbertson, John L., to International Telephone and Telegraph Corp. Line-clearing apparatus for a telephone system. Ref. 24,171, 6-26-56, Cl. 179-175.2.
- Culbertson, Ralph L., to Aero Equipment Corp. Emergency oxygen valve. 2,733,042, 1-31-56, Cl. 251-75.
- Cull, Neville L., to Esso Research and Engineering Co. Coating composition, method of coating metal surfaces therewith and resultant article. 2,768,908, 10-30-56, Cl. 117-103.
- Cull, Robert R.: *See—*  
Ludwig, Sidney, and Cull. 2,755,330.
- Cullen, Harry E.: *See—*  
Deiry, Albert J., and Cullen. 2,745,446.
- Cullen, Joseph. Jaw adjustment means for slidable side jaw wrench. 2,754,709, 7-17-56, Cl. 81-146.
- Cullen, Joseph. Slidable inner jaw closed end wrench. 2,754,710, 7-17-56, Cl. 81-174.
- Cullen, Orville E., to Surface Combustion Corp. Method of spheroidizing steel stock. 2,764,515, 9-25-56, Cl. 148-21.5.
- Culler, Mary D. D.: *See—*  
Davis, Edward H. 2,759,069.
- Cullerton, James F., Jr., and A. C. Haapoja, to Mandex Mfg. Co., Inc. Safety device. 2,767,819, 10-23-56, Cl. 192-134.
- Culligan, Inc.: *See—*  
Klumh, George H., Schulze, and Bergstedt. 2,736,698.  
Meyer, Kenneth E. 2,743,230.  
Schulze, Robert E. 2,739,917.
- Cullum, Thomas V.: *See—*  
Birch, Stanley F., Cullum, and Dean. 2,771,402.
- Culp, John W.: *See—*  
Harjes, Frederick W., Salz, and Culp. 2,767,325.
- Culp, Samuel K., to The Babcock & Wilcox Co. Air-swept pulverizers. 2,762,573, 9-11-56, Cl. 241-83.
- Culver, Paul C., to C. D. Briddell Inc. Knife. 2,753,631, Cl. 30-299.
- Culver, Paul C., to C. D. Briddell Inc. Knife holder. 2,754,008, 7-10-56, Cl. 211-60.
- Culverwell, Frank E. Front axle. 2,770,150, 11-13-56, Cl. 74-710.
- Cumberland Case Co.: *See—*  
Swingle, Donald R. 2,752,062.
- Cumberland, John I., Jr., to the United States of America as represented by the Secretary of the Navy. Selector switch. 2,763,738, 9-18-56, Cl. 200-4.
- Cummer, George W.: *See—*  
Larsen, Delmar H., Cummer, and Bolley. 2,734,860.
- Cummins, James M., to Cummins, Inc. Combustion liquid and solid propellant rocket. 2,753,801, 7-10-56, Cl. 102-49.
- Cumming, William A., to National Research Council. Non-resonant antenna. 2,737,656, 3-6-56, Cl. 343-731.
- Cummings, Clinton L., to Barry Controls Inc. Ratio changer. 2,733,615, 2-7-56, Cl. 74-354.
- Cummings, Donald G., to The Upjohn Co. Method for measuring the intensity of radiation at a selected point within a container. 2,740,899, 4-3-56, Cl. 250-83.
- Cummings, Edwin H., to France Packing Co. Segmental metallic packing rings. 2,731,285, 1-17-56, Cl. 288-13.
- Cummings, Ira J.: *See—*  
Stilbert, Elmer K., Jr., Cummings, and Talley. 2,755,260.
- Cummings, James D.,  $\frac{1}{2}$  to A. S. Crutcher. Pipe line installation equipment. 2,746,516, 5-22-56, Cl. 154-41.
- Cummings, James D., to Crutcher-Roifs-Cummings, Inc. Pipe coating equipment. 2,763,236, 9-18-56, Cl. 118-69.
- Cummings, James D., to Crutcher-Roifs-Cummings, Inc. Coated pipe cooling device. 2,763,275, 9-18-56, Cl. 134-105.
- Cummings, Kimball C.: *See—*  
Baldwin, John H., Cummings, and Schuck. 2,751,921.
- Cummings, John H., to Minneapolis-Honeywell Regulator Co. Shaft positioning apparatus. 2,768,270, 8-7-56, Cl. 318-467.
- Cummings, Kimball C., to Minneapolis-Honeywell Regulator Co. Flight scheduling apparatus. 2,766,953, 10-16-56, Cl. 244-77.
- Cummings, Leland W., to Sun Oil Co. Reaction vessel for coke removal. 2,731,399, 1-17-56, Cl. 196-122.
- Cummings, Linn F.: *See—*  
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- Cummings, Molly: *See—*  
Cummings, Samuel N. 2,750,027.
- Cummings, Ralph J. Fastener-holding socket wrench. 2,753,746, 7-10-56, Cl. 81-112.
- Cummings, Robert A., Jr.: *See—*  
Mosher, Ralph E., and Stiverson. 2,744,442.
- Cummings, Rodney B. Line tapper. 2,745,079, 5-8-56, Cl. 339-8.
- Cummings, Ross, to the United States of America as represented by the United States Atomic Energy Commission. Process of reclaiming uranium from solutions. 2,772,142, 11-27-56, Cl. 23-14.5.
- Cummings, Ross, to the United States of America as represented by the United States Atomic Energy Commission. Filtering apparatus. 2,774,479, 12-18-56, Cl. 210-184.
- Cummings, Samuel N., deceased; M. Cummings, executrix. Visual indicating devices for producing a color slick or patch at sea or in any waters. 2,750,027, 6-12-56, Cl. 206-0.5.
- Cummings, Thomas N.: *See—*  
Shlu, Thomas B. 2,761,613.
- Cummings, Viola C. Metal Christmas tree. 2,736,116, 2-28-56, Cl. 41-15.
- Cummins-Chicago Corp.: *See—*  
Weber, Carl, Doerner, Mantonya, and Doerner. 2,743,671.
- Cummins, Earl W., to E. I. du Pont de Nemours and Co. Preparation of aminocacetophenones. 2,763,376, 7-3-56, Cl. 260-570.5.
- Cummins Engine Co., Inc.: *See—*  
Reiners, Neville M. 2,749,897.
- Cummins, John W. Poultry crate for use in poultry testing operations. 2,748,972, 6-3-56, Cl. 217-47.
- Cummings, Roy M. Mold for freezing liquids. 2,741,103, 4-10-56, Cl. 62-108.5.
- Cundiff, Lester B.: *See—*  
Pedlow, John W., and Cundiff. 2,739,829.
- Cunningham, Albert B. Thread and yarn dispenser. 2,733,877, 2-7-56, Cl. 242-139.
- Cunningham, Burris B.: *See—*  
Thompson, Stanley G., Cunningham, and Ghiorso. 2,741,627.
- Cunningham, Charles C. Wave motor. 2,766,632, 10-16-56, Cl. 74-150.

- Cunningham, Donald F., to Standard Brands Inc. Double edged reciprocable cutting device. 2,757,733, 8-7-56, Cl. 164-58.
- Cunningham, Donald M., and L. D. Drugman, to Edwin L. Wiegand Co. Electric heaters. 2,763,763, 9-18-56, Cl. 219-38.
- Cunningham, Eldon R., to General Electric Co. Motor mounting. 2,750,137, 6-12-56, Cl. 248-26.
- Cunningham, Eldon R., to General Electric Co. Resilient mounting. 2,756,013, 7-24-56, Cl. 248-26.
- Cunningham, Frederick C., J. H. Berger, and J. B. Rinckhoff, to Chemical Construction Corp. Continuous production of pure carbon monoxide from coke and oxygen. 2,737,448, 3-6-56, Cl. 23-204.
- Cunningham, Frederick W., to American Bosch Arma Corp. Motor control system for automatic machine tools. 2,741,732, 4-10-56, Cl. 318-162.
- Cunningham, George L., and J. M. Finn, Jr., to The Sinclair Mfg. Co., H. M. Sinclair, Jr., trustee. Process for producing sodium fluoride from an alkaline earth fluoride. 2,742,442, 2-6-56, Cl. 23-88.
- Cunningham, George L., and J. M. Finn, Jr., to The Sinclair Mfg. Co., H. M. Sinclair, Jr., trustee. Purification of calcium carbonate in molten bath of alkali metal carbonates and hydroxides. 2,762,686, 9-11-56, Cl. 23-66.
- Cunningham, George M., to American Metal Works, Inc. Carton unloading machine. 2,734,647, 2-14-56, Cl. 214-313.
- Cunningham, Harry C., to Edwin L. Wiegand Co. Electric terminal protection. 2,760,173, 8-21-56, Cl. 339-76.
- Cunningham, James A., to the United States of America as represented by the Secretary of Commerce. Multichannel pulse-height analyzer. 2,769,164, 10-30-56, Cl. 340-212.
- Cunningham, James L., Jr.: See—
- Cunningham, James L., Sr., and J. L., Jr. 2,732,067.
- Cunningham, James L., Sr., and J. L., Jr. Weighing and classifying apparatus. 2,732,067, 1-24-56, Cl. 209-121.
- Cunningham, James M., to International Business Machines Corp. Storage mechanism. 2,751,008, 6-19-56, Cl. 164-115.
- Cunningham, James M., to International Business Machines Corp. Record controlled perforating machine. 2,775,297, 12-25-56, Cl. 165-15.
- Cunningham, James M., F. L. Pratt, and P. M. Kovach, to International Business Machines Corp. Paper feeding device. 2,747,717, 5-29-56, Cl. 197-133.
- Cunningham, Marion M., to United States Rubber Co. Method of transporting finely comminuted solids. 2,755,143, 2-17-56, Cl. 23-68.
- Cunningham, Omar L., Jr., and W. F. Miller, to Toro Mfg. Corp. of Minnesota. Gang mower. 2,753,674, 7-10-56, Cl. 56-6.
- Cunningham, R. E.: See—
- Kennedy Gertrude—
- Cunningham, Richard G., to Research Corp. Closed circuit lubrication system. 2,755,888, 7-24-56, Cl. 184-6.
- Cunningham, Richard, Jr.: See—
- Lemos, Albert, Jr., and Cunningham. 2,753,851.
- Cunningham, Robert A., to Hughes Tool Co. Roller cutter for earth drills. 2,747,570, 12-18-56, Cl. 255-347.
- Cuny, Ernest A. Apparatus for cutting pipe at a predetermined radius and angle. 2,746,125, 5-22-56, Cl. 29-67.
- Cup Brew Coffee Bag Co.: See—
- Brelsford, Orville R., Stone, and Aldridge. 2,765,605.
- Cupec, Sylvester P. Television antenna. 2,744,248, 5-1-56, Cl. 343-81.
- Cupler, John A., II. Aperture forming method and apparatus. 2,764,967, 10-2-56, Cl. 125-30.
- Cupler, John A., II. Spinnerette manufacture. 2,770,987, 11-20-56, Cl. 76-107.
- Cupp, Charles D., to Scott Aviation Corp. Head band for masks. etc. 2,745,401, 5-15-56, Cl. 128-141.
- Cupp, Charles D., to Scott Aviation Corp. Steerable, castable airplane wheel mounting. 2,745,612, 5-15-56, Cl. 244-50.
- Cupp, Charles D., to Scott Aviation Corp. Portable breathing apparatus of the demand type. 2,758,596, 8-14-56, Cl. 128-142.
- Cupp, Charles D., to Scott Aviation Corp. Underwater breathing apparatus. 2,764,151, 9-25-56, Cl. 128-142.
- Cupp, James E. Engineer's scale. 2,771,679, 11-27-56, Cl. 1-107.
- Cuo, Pierre, to L'Emboutissage Hydraulique Moderne. Apparatus for forming articles from hollow blanks. 2,743,691, 5-1-56, Cl. 113-44.
- Curado, Joseph G., and D. H. Praeg, to Sun Chemical Corp. Dyeing ink. 2,750,296, 6-12-56, Cl. 106-30.
- Curby, Donald L.: See—
- Rhea, John E. 2,731,770.
- Cure, Arnold W.: See—
- Walton, James R., Burke, and Cure. 2,749,407.
- Curl, Conrad O., to Kaiser Aluminum & Chemical Corp. Vehicle wheel assembly. 2,757,970, 8-7-56, Cl. 301-6.
- Currell, Randall, Jr., to Keco Industries, Inc. Refrigerating apparatus. 2,737,780, 3-13-56, Cl. 62-4.
- Curfman, Budd G., ½ to D. A. Christensen. Self-contained window, etc., cleaning implement. 2,770,826, 11-20-56, Cl. 15-105.
- Curioni, Aldo. Apparatus for handling spaghetti preparatory to packaging. 2,770,351, 11-13-56, Cl. 198-39.
- Curioni, Aldo, to himself and F. Mariani. Spaghetti-cutting machine. 2,775,215, 12-25-56, Cl. 107-21.
- Curl, John E.: See—
- Hurdle, Joseph H., and J. E. and R. H. Curl. 2,732,872.
- Curl, Mark I., to The Goodyear Tire & Rubber Co. Deceleration sensing device. 2,753,475, 7-3-56, Cl. 310-114.
- Curl, Mark I., and R. J. Lammertse, to The Goodyear Tire & Rubber Co. Anti-skid mechanism for master cylinder operated brake. 2,753,017, 7-3-56, Cl. 185-181.
- Curl, Ralph H.: See—
- Hurdle, Joseph H., and J. E. and R. H. Curl. 2,732,872.
- Curlator Corp.: See—
- Buresh, Francis M., and Langdon. 2,744,294.
- Curley, Bruce A., to General Electric Co. Current collector contact means. 2,763,800, 9-18-56, Cl. 310-239.
- Curley, Robert S., to Saco-Loewell Shops. Grid section. 2,746,094, 5-22-56, Cl. 19-95.
- Curran, Bernard E., to H. H. Robertson Co. Ventilator. 2,739,538, 3-27-56, Cl. 98-84.
- Curran, John B., to Hammel-Dahl Co. Valve. 2,732,172, 1-24-56, Cl. 251-282.
- Curran, Lawrence. Diamond tool holder. 2,752,909, 7-3-56, Cl. 125-39.
- Curran, Mary: See—
- Reich, Harry B., and Curran. 2,772,139.
- Curran, Vincent J., to Kigass Ltd. Atomizers. 2,746,801, 5-22-56, Cl. 299-120.
- Currell, Conrad O., to Kaiser Aluminum & Chemical Corp. Panel assembly. 2,753,018, 7-3-56, Cl. 189-34.
- Currell, Edmund C. Grease packaging, and dispensing means for grease guns. 2,736,481, 2-28-56, Cl. 226-125.
- Currie, Gardner D.: See—
- Selberg, John P., and Currie. 2,771,270.
- Currie, Chester C.: See—
- Rossiter, William T., and Currie. 2,742,368.
- Curry, Frank L.: See—
- Blanton, William B., and Currie. 2,735,884.
- Currie, Gilbert, to Westinghouse Electric Corp. Self-adjusting brake. 2,747,698, 5-29-56, Cl. 188-171.
- Currie, Gilbert, to Westinghouse Electric Corp. Single adjustable brake. 2,750,019, 6-26-56, Cl. 188-171.
- Currie, Grover C., to Dacam Corp. Method of packaging cylindrical objects in carriers. 2,731,776, 1-24-56, Cl. 53-5.
- Currie, Grover C., to Dacam Corp. Carton for cylindrical objects. 2,768,741, 10-30-56, Cl. 206-65.
- Curry, William E., to The Parker Appliance Co. Coupling with recess for end of flexible pipe. 2,768,009, 10-28-56, Cl. 285-251.
- Currier, Donald C., to Dodge Mfg. Corp. Conveyor pulleys. 2,767,590, 10-23-56, Cl. 74-230.3.
- Curry, Edgar P. Pneumatic clamp. 2,747,535, 5-29-56, Cl. 99-9.
- Curry, John J. Dental matrix unit. 2,749,616, 6-12-56, Cl. 32-63.
- Curry, John J. Dental matrix device. 2,771,677, 11-27-56, Cl. 32-63.
- Curry, Malcolm, to The American Thread Co. Machine for stretching nylon thread. 2,730,789, 1-17-56, Cl. 28-62.
- Curry, R. W.: See—
- Hooper, Andre. 2,767,517.
- Curry, William G., to R. S. Bourdon, d. b. a. Bourdon Mfg. Co. Tennis racket press. 2,750,190, 6-12-56, Cl. 273-74.
- Curry, Walter W., to Heater for oil wells. 2,754,912, 7-17-56, Cl. 166-60.
- Curtin, Jeremiah M.: See—
- Jacobs, Henry S., and Curtin. 2,773,202.
- Jacobs, Henry S., and Curtin. 2,773,998.
- Curtis, John L., and D. M. Yenni, to Union Carbide and Carbon Corp. Inert gas shielded magnetic field controlled electric arc metal working apparatus. 2,745,934, 6-15-56, Cl. 219-8.
- Curtis, Anthony J. Artificial fish bait. 2,736,982, 3-6-56, Cl. 43-42.51.
- Curtis, Cecil M. Shock resisting hammer. 2,757,694, 8-7-56, Cl. 145-29.
- Curtis Companies Inc.: See—
- Beil, Forrest F. 2,754,553.
- Curtis, Daniel L., to Hughes Aircraft Co. Diode gating circuit. 2,730,632, 10-5-56, Cl. 307-88.5.
- Curtis, Daniel L., to The Regents of the University of California. Magnetic recording apparatus. 2,758,905, 8-14-56, Cl. 346-74.
- Curtis, Daniel L., to Hughes Aircraft Co. Variable impedance output circuit. 2,775,714, 12-25-56, Cl. 307-88.5.
- Curtis, Earl W. T., to Bachman Bakeries, Inc. Portable ramp. 2,760,216, 8-28-56, Cl. 14-72.
- Curtis, Gerald J. Outboard motor mounting means for boats. 2,775,219, 12-25-56, Cl. 115-41.
- Curtis, Guy A. Reversing control device for electric motors. 2,775,219, 12-25-56, Cl. 318-207.
- Curtis, Joseph. Lever-actuated tire bead breaker with shiftable fulcrum means. 2,749,975, 6-12-56, Cl. 157-126.
- Curtis Lighting, Inc.: See—
- Harris, Edwin W. 2,765,397.
- Le Brock, Glen R. 2,736,527.
- Curtis Mfg. Co.: See—
- Hecker, Harvard K. 2,732,917.
- Curtis, Norman S., to Ransburg Electro-Coating Corp. Apparatus for conveying articles. 2,752,883, 7-3-56, Cl. 118-316.
- Curtis, Norman S., and R. C. Juvinall, to Ransburg Electro-Coating Corp. Apparatus for conveying articles. 2,751,851, 6-26-56, Cl. 104-93.
- Curtis, Rowland G., to Reeves Steel and Mfg. Co. Joint for sheet metal pipe. 2,750,211, 6-12-56, Cl. 285-201.
- Curtis, Rowland G., to Reeves Steel and Mfg. Co. Interrupted lock joint for metal pipes. 2,756,778, 7-31-56, Cl. 138-74.



- Curtis, Thomas E., to Southern States Equipment Corp. Electric switch. 2,733,822, 1-31-56, Cl. 200-170.
- Curtis, Thomas E., to Southern States Equipment Corp. Electric switch. 2,759,078, 8-14-56, Cl. 200-170.
- Curtis, Thomas E., to Southern States Equipment Corp. Electric switch. 2,760,019, 8-21-56, Cl. 200-48.
- Curtis, Thomas E., and G. N. Lemmon, to Southern States Equipment Corp. Electric switch. 2,732,468, 1-24-56, Cl. 200-170.
- Curtis, Thomas E., and J. M. de Montmollin, to Southern States Equipment Corp. Circuit interrupter. 2,737,551, 3-6-56, Cl. 200-114.
- Curtis, Wilbur, Co., Inc.: See—
- Curtis, Wilbur D., 2,747,740.
- Park, Ralph L., 2,765,392.
- Curtis, Wilbur D., to Wilbur Curtis Co., Inc. Vacuum type coffee strainer. 2,747,740, 5-29-56, Cl. 210-162.
- Curtiss, Frank R. Tree stand. 2,755,049, 7-17-56, Cl. 248-46.
- Curtiss, George E., Jr., and K. M. Johnson, to The Stanley Works, Latch. 2,753,204, 7-3-56, Cl. 292-332.
- Curtiss, Lawrence M., to The Thomas & Betts Co. Reducing washer assembly for oversized holes. 2,730,381, 1-10-56, Cl. 285-30.
- Curtiss, Lawrence M., to The Thomas & Betts Co. Insulated electric terminal. 2,749,529, 6-5-56, Cl. 339-223.
- Curtiss-Wright Corp.: See—
- Anderson, John R., and Hoexter. 2,758,672.
- Avondoglio, Leo. 2,759,624.
- Barrett, Hillard E., and Gallo. 2,731,039.
- Betzler, Henry W. 2,774,429.
- Brady, George W. 2,742,096.
- Burdett, Harry W., and Palen. 2,731,119.
- Charshafian, Jack O. 2,735,263.
- Chillson, Charles W. 2,730,908.
- Chillson, Charles W. 2,735,516.
- Chillson, Charles W. 2,755,078.
- Clark, William H., Jr. 2,771,286.
- Clark, William H., Jr. 2,775,724.
- Cushman, Maurice E. 2,753,733.
- Frank, Wilbert W., and Speer. 2,749,675.
- Gallo, Ella A., and Hoffman. 2,766,579.
- Gallo, Joseph E. 2,731,815.
- Hine, Edward K. 2,731,094.
- Hine, Edward K. 2,747,141.
- Hurley, Roy T. 2,757,954.
- Jewett, Charles S. 2,735,264.
- Jewett, Charles S. 2,750,979.
- Knapp, George P., Meyer, Robbins, and Zwack. 2,737,252.
- Kosak, Stephen, Jr. 2,767,285.
- Kuettel, N.S. 2,752,315.
- La Barre, Floyd, Jr., Churnell, Nagle, and Pennock. 2,749,625.
- Le Compte, Frank M., Woolf, and Mittenzwei. 2,742,248.
- Lewis, Robert B. 2,759,297.
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- Massey, Albert G. 2,769,432.
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- Schiavone, Michael W. 2,757,637.
- Simonsen, Nelson C. 2,755,064.
- Stern, Robert G. 2,731,737.
- Stern, Robert G., and Simpson. 2,770,054.
- Stulen, Foster E. 2,738,148.
- Sullivan, Richard A., and Adrian. 2,763,328.
- Waite, George F. 2,736,610.
- Welsh, Harvey W. 2,766,581.
- Woolf, Don R. 2,754,916.
- Zwack, Raymond T. 2,738,022.
- Curtis, Paul E. Wire reel loading and unloading attachment for vehicles. 2,737,304, 3-6-56, Cl. 214-83.24.
- Curzon, Thomas, to C. A. V. Ltd. Apparatus for actuating gas-discharge lamps. 2,758,222, 8-7-56, Cl. 307-132.
- Cusano, Dominic A., and F. J. Studer, to General Electric Co. Cathode ray luminescent screens. 2,732,313, 1-24-56, Cl. 117-33.5.
- Cuscolella, Otwin, F. Grohs, K. Rösner, and W. Kuhnelt, to Oesterreichisch-Alpine Montangesellschaft. Process for refining pig iron. 2,741,553, 4-10-56, Cl. 75-52.
- Cushing, Daniel B., and H. Silver drafter evenner. 2,729,857, 1-10-56, Cl. 19-70.
- Cushing, George B.: See—
- Baker, Benjamin P., and Cushing. 2,760,032.
- Cushing, Homer: See—
- Cushing, Daniel E. and H. 2,729,857.
- Cushing, Ira B., and R. V. Davis, to Abbott Laboratories. Ion exchange purification of fructose solution. 2,753,279, 7-5-56, Cl. 127-46.
- Cushing, Ira B., and E. J. Kratochvil, to Abbott Laboratories. Process for sulfating chitin. 2,755,275, 7-17-56, Cl. 260-211.
- Cushman Chuck Co., The: See—
- Galler, Edward A. 2,767,993.
- Sloan, Harry E. 2,759,733.
- Sloan, Harry E., and Hickey. 2,751,824.
- Sloan, Harry E., and Hickey. 2,757,009.
- Sloan, Harry E., and Rutherford. 2,757,010.
- Sloan, Harry E., Rutherford, and Hickey. 2,732,216.
- Sloan, Harry E., and Swanson. 2,745,671.
- Cushman, John A., to American Viscose Corp. Heat exchanging apparatus. 2,745,640, 5-15-56, Cl. 257-2.
- Cushman, John R., to International Business Machines Corp. Panel lighting. 2,775,687, 12-25-56, Cl. 240-2.1.
- Cushman, Maurice E., to Curtiss-Wright Corp. Blade retention bearing. 2,735,733, 2-21-56, Cl. 308-174.
- Cushnie, Norton, to Sprague Electric Co. Tuning circuit. 2,763,843, 9-18-56, Cl. 333-82.
- Cushman, Walton W. Automatic brakes for trailers. 2,737,265, 3-6-56, Cl. 188-152.
- Cusic, John W., to G. D. Searle & Co. Esters of heterocyclic acids and 2,2,3,4-tetrahydroisoquinoline-2-alkanols. 2,731,467, 1-17-56, Cl. 260-387.
- Cusic, John W. N-( $\beta$ -acetoxyethyl)-N'-(chlorophenothiazine-propyl)piperazine. 2,766,235, 10-9-56, Cl. 260-243.
- Cusic, John W., to G. D. Searle & Co. Basic esters of N-aryl-N-(heterocyclylalkyl) carbanic acids and syntheses thereof. 2,772,276, 11-27-56, Cl. 260-302.
- Cusic, John W., to G. D. Searle & Co. Basic esters of N-aryl-N-cycloalkylcarbanic acids and the production thereof. 2,772,287, 11-27-56, Cl. 260-326.3.
- Cusic, John W., to G. D. Searle & Co. Basic esters of N-aryl and N-cycloalkyl indancarbanic acids, their salts and methods for their preparation. 2,772,288, 11-27-56, Cl. 260-326.3.
- Cusic, John W., to G. D. Searle & Co. Basic esters of N-aryl-N-arylcarbanic acids and the manufacture thereof. 2,772,289, 11-27-56, Cl. 260-326.3.
- Cusic, John W., to G. D. Searle & Co. 2-(aralkoxyalkyl) derivatives of tetrahydroisoquinoline and isoindoline. 2,774,764, 12-18-56, Cl. 260-289.
- Cusic, John W., and C. A. Dornfeld, to G. D. Searle & Co. Arylcycloalkoxyalkylamine derivatives and methods for their preparation. 2,748,116, 5-29-56, Cl. 260-247.7.
- Cusic, John W., and L. E. Robinson, to G. D. Searle & Co. Quaternary ammonium salts of alkyl(hydroxyalkyl) aminoalkyl benzilates and esters thereof. 2,752,385, 6-26-56, Cl. 260-473.
- Cuskie, Herman C., to Chrysler Corp. Mounting device. 2,761,714, 9-4-56, Cl. 287-85.
- Cuskie, Herman C., to Chrysler Corp. Automotive vehicle stabilizing means. 2,770,453, 11-13-56, Cl. 267-11.
- Cusson, Pierre. Oscillating movement for washing machines. 2,748,611, 6-5-56, Cl. 74-70.
- Custer, Willard R. Jet propelled aircraft with channel control means. 2,765,993, 10-9-56, Cl. 244-52.
- Custin, Gilbert R. Mechanical pencil. 2,764,827, 10-2-56, Cl. 40-93.
- Custom Designers: See—
- Logemann, George H. 2,769,581.
- Custom Metal Products, Inc.: See—
- Schuster, Paul. 2,763,530.
- Schuster, Paul, and Dobbins. 2,762,425.
- Custom Made Container Corp.: See—
- Murphy, James J. 2,746,967.
- Cusumano, Gioacchino, and I. L. Delin, to Swingline, Inc. Tackers. 2,746,044, 5-22-56, Cl. 1-49.
- Cutler, Annabelle. Spectacle bridge shaper. 2,765,683, 10-9-56, Cl. 81-3.5.
- Cuthbertson, James A. Endless band devices. 2,732,265, 1-24-56, Cl. 305-10.
- Cutler, Bertram S. Safety razor and blade assembly. 2,744,319, 5-8-56, Cl. 30-66.
- Cutler, Cassius C., to Bell Telephone Laboratories, Inc. Traveling wave frequency modulator. 2,760,161, 8-21-56, Cl. 332-25.
- Cutler, Cassius C., to Bell Telephone Laboratories, Inc. Directive antenna systems. 2,767,396, 10-16-56, Cl. 343-780.
- Cutler-Hammer, Inc.: See—
- Adrausen, John R., and Cochran. 2,773,231.
- Barnickel, Arthur K. 2,736,009.
- Brodsky, Harry N., and Chamberlin. 2,740,872.
- Carter, Uriel F. 2,751,459.
- Chamberlin, Blair H. 2,747,036.
- Charbonneau, Allan P. 2,738,403.
- Charbonneau, Allan P. 2,739,214.
- Charbonneau, Allan P. 2,769,885.
- Cox, Irvin W. 2,738,393.
- Douglas, John F. H., and Kolb. 2,736,843.
- Eck, Robert N. 2,774,027.
- Elliot, William H. 2,753,506.
- Elliot, William H., and Seeger. 2,739,279.
- Emley, Philip W. 2,773,230.
- Fischer, Paul M. 2,749,493.
- Hodgson, Howard E. 2,731,115.
- Holland, Donald E. 2,745,049.
- Howdie, Frederic E. 2,729,824.
- Huils, Harold W. 2,744,984.
- Huils, Harold W. 2,759,075.
- Jochen, Theodore E. 2,769,378.
- Kelto, Rudolph E. 2,765,382.
- Krieger, Alvin W. 2,734,114.
- Krieger, Alvin W. 2,744,302.
- Mead, Edward Q. 2,737,548.
- Pell, Eric. Re. 24,168.
- Pell, Eric. 2,753,504.
- Pell, Eric. 2,765,988.
- Perine, Robert O. 2,739,199.
- Perrine, Robert O., and Welch. 2,740,033.
- Radley, Guy R. 2,744,839.
- Richardson, Linwood T., and Swinehart. 2,760,257.
- Robbins, Clyde F. 2,752,440.
- Seeger, Edwin W. 2,729,752.
- Seeger, Edwin W. 2,752,464.
- Smith, Charles R. 2,751,450.
- Smith, Charles R. 2,751,935.
- Welch, Jerome B. 2,769,080.

- Cutler, Leon H., to General Electric Co. Control system for surface heating units. 2,767,295, 10-16-56, Cl. 219-20.
- Cutler, Mac C., *See*—
- Cutler, Philip H., and Cutler. 2,773,549.
- Cutler, Royal A., and C. M. Suter, to Sterling Drug Inc. 2-amino and acylamino-1-(hydrocarbylmercaptophenyl)-1,3-propanediols and preparation thereof. 2,759,971, 8-21-56, Cl. 260-562.
- Cutter, Sam. Indoor golf devices. 2,747,406, 5-29-56, Cl. 73-379.
- Cutter, Stanley, and G. C. Adams, to Pacific Mercury Television Mfg. Corp. Escutcheon dial. 2,738,758, 3-20-56, Cl. 116-124.4.
- Cutler, Wallace M., E. S. Kant, and H. B. Greenough, deceased (by M. C. Greenough, administratrix), to United Shoe Machinery Corp. Heel attaching machines. 2,746,047, 5-22-56, Cl. 1-141.
- Cutler, Wallace M., and E. S. Kant, to United Shoe Machinery Corp. Heel attaching machines. 2,746,048, 5-22-56, Cl. 1-141.
- Cutliss, Loetta E. Game for teaching written music. 2,772,595, 12-4-56, Cl. 84-472.
- Cutright, Olie F., to Johnston Testers, Inc. Formation testing tool. 2,760,582, 8-28-56, Cl. 166-151.
- Cutter Corp.: *See*—
- Spanel, Abraham N. 2,731,717.
- Spanel, Abraham N. 2,746,144.
- Cutter Laboratories, Inc.: *See*—
- Butler, William F. 2,729,212.
- Butler, William F. 2,730,098.
- Cutter, Robert K. 2,730,097.
- Cutter, Robert K. 2,758,595.
- Elder, Wayne L. 2,758,597.
- Hink, John H., Jr., and Johnson. 2,731,731.
- Sahyun, Melville, and Faust. 2,751,410.
- Sahyun, Melville, and Faust. 2,751,411.
- Sahyun, Melville, and Faust. 2,751,412.
- Sahyun, Melville, Faust, and Jules. 2,744,916.
- Sahyun, Melville, Faust, and Jules. 2,754,327.
- Sahyun, Melville, Faust, and Jules. 2,773,096.
- Cutter, Richard W., K. A. Strazala, and W. L. Fry, to Owens-Illinois Glass Co. Article grouping apparatus. 2,771,177, 11-20-56, Cl. 198-34.
- Cutter, Robert K. to Cutter Laboratories, Inc. Injection mechanism. 2,730,097, 1-10-56, Cl. 128-214.
- Cutter, Robert K., to Cutter Laboratories, Inc. Venoclysis equipment. 2,758,598, 8-14-56, Cl. 128-214.
- Cutting, Alan B., *See*—
- Beck, Arnold H. W., and Cutting. 2,737,631.
- Cutting Room Appliances Corp.: *See*—
- Deichmann, Walter. 2,730,357.
- Cuvier, Pierre: *See*—
- Ivanoff, Alexandre, Le Grand, and Cuvier. 2,730,014.
- Cybernetic Corp. of America: *See*—
- Pompetti, John P., and Tatonetti. 2,765,986.
- Cycle Mfg. Co.: *See*—
- Helbig, Jim D. 2,759,305.
- Cycloptic Anstalt für Optik und Mechanik: *See*—
- Tiller, Hans. 2,737,849.
- Tiller, Hans. 2,764,912.
- Cygnat Associates: *See*—
- Saylors, Rodger D. 2,744,526.
- Cyphers, Elmer B.: *See*—
- Jones, Robert H., and Cyphers. 2,732,346.
- Truch, Charles S., and Cyphers. 2,732,285.
- Moody, Leonard E., and Cyphers. 2,744,083.
- Wadley, Walter E., Hill, and Cyphers. 2,735,817.
- Cyphers, James F., and F. C. Doherty, to General Foods Corp. Tank for transporting viscous liquids. 2,772,874, 12-4-56, Cl. 210-206.
- Cyr, Joseph E., to Allen Industries, Inc. Method for double face coating and embossing rug cushions. 2,758,036, 8-7-56, Cl. 117-10.
- Cyril Bath Co.: *See*—
- Fredericks, Joseph A. 2,734,548.
- Fredericks, Joseph A. 2,743,756.
- Cyrus, Merle B. Cigarette lighter filler valve. 2,740,280, 4-3-56, Cl. 67-7.1.
- Czajkowski, Edward J., to The Singer Mfg. Co. Thread regulators for sewing machines. 2,730,061, 1-10-56, Cl. 1-254.
- Czapliniski, Frank H., to Standard Gage Co., Inc. Groove gage. 2,749,620, 6-12-56, Cl. 33-147.
- Czarnecki, John D., to American Can Co. Preflanging mechanism for side seamed can bodies. 2,741,291, 4-10-56, Cl. 1-44.
- Czarnecki, John D., to American Can Co. Machine for melting and feeding solidified materials. 2,773,496, 12-11-56, Cl. 126-343.5.
- Czarnecki, Stanley J., to Abdit Industries, Inc. Tube cut-off die structure. 2,741,309, 4-10-56, Cl. 164-49.
- Czarnecki, Stanley J., to Abdit Industries, Inc. Machine for making labyrinth seals. 2,749,961, 6-12-56, Cl. 153-1.
- Czerniewicz, John F. Drafting compass. 2,745,181, 5-15-56, Cl. 33-37.
- Czerwicznik, Stanley J. Rosary assemblage. 2,768,787, 10-30-56, Cl. 235-123.
- Czettl, Jess, and R. T. Leach, to Plastic Film Products Corp. Drape-supporting device. 2,754,903, 7-17-56, Cl. 160-348.
- Czik, Alfred M.: *See*—
- Schaffelberger, Felix A., and Czik. 2,767,054.
- Czuch, Jack. Ear ring with ball joint for spacing clamping face from clamping arm. 2,769,322, 11-6-56, Cl. 63-12.
- Czyz, Albert, to Dorbin Metal Strip Mfg. Co., Inc. Anchor for resilient window strips. 2,771,642, 11-27-56, Cl. 20-12.
- Czyzewski, Mikolaj V., now by judicial change of name Mac-Victor Chelton. Double safety electrical receptacle. 2,770,786, 11-13-56, Cl. 339-40.
- Dacum Corp.: *See*—
- Currie, Grover C. 2,731,776.
- Currie, Grover C. 2,768,741.
- Dans, Bernard D. 2,732,984.
- Thompson, Wallace M., Swint, and Roberts. 2,746,662.
- Dacey, John P., to The Standard Products Co. Weather stripping. 2,751,643, 6-26-56, Cl. 20-69.
- Dachauer, Wilhelm. Auxiliary jaws for vises. 2,773,406, 12-11-56, Cl. 81-39.
- Dackor, Emil to Thompson Products, Inc. Polishing machine. 2,761,255, 9-4-56, Cl. 51-151.
- Da Costa, Harry, to The Plessey Co. Ltd. Adaptor for use with the turntable spindle of a record changing mechanism. 2,761,687, 9-4-56, Cl. 274-10.
- Da Costa, James S., to Samuel Olson Mfg. Co., Inc. Overhead conveyor. 2,771,175, 11-20-56, Cl. 198-257.
- Dado, John R., to Standard Oil Co. Temperature-responsive check valve. 2,774,366, 12-18-56, Cl. 137-75.
- Daehler, Robert F.: *See*—
- Carst, Edward W., Daehler, Adelman, and Hansen. 2,753,889.
- Daft, Clarence H. J.: *See*—
- Fantham, Harold, and Daft. 2,733,116.
- Daggett, Byron G. Circular saw grinders. 2,764,043, 9-25-56, Cl. 76-43.
- Daggett, Frederick K., to The Flexible Tubing Corp. Vent hood and mounting therefor for laundry dryer ducts. 2,754,748, 7-17-56, Cl. 98-119.
- Daglish, Hugh N.: *See*—
- Conn, George K. T., and Daglish. 2,757,306.
- Dagneau, Raymond R., to Societe Industrielle de Depouille Mechanique des Animaux. Oscillating blade cutting apparatus, in particular for skinning slaughtered animals. 2,766,524, 10-16-56, Cl. 30-215.
- D'Amilio, Michele, to California Artificial Flower Co. Tree construction. 2,749,639, 12-5-56, Cl. 41-15.
- Dagun, George W. Flush-valve tank-ball. 2,744,259, 5-8-56, Cl. 4-52.
- Daher, Ernest: *See*—
- Shanhouse, William, and Daher. 2,765,101.
- Dahl, Dorothy, Inc.: *See*—
- Wood, Dan G. 2,738,025.
- Wood, Dan G. 2,759,184.
- Dahl, Harold C.: *See*—
- Dahl, Thure W. and H. C. 2,738,890.
- Dahl, Thure W. and H. C. Devices for holding articles in a refrigerator. 2,738,890, 3-20-56, Cl. 215-8.
- Dahlberg, Carl B., to Hemet Aircraft Corp. Baby walker and anchor. 2,746,517, 5-22-56, Cl. 155-23.
- Dahlberg, Ernest H.: *See*—
- Rondeau, Herbert F., and Dahlberg. 2,765,658.
- Dahlberg, Ernst E.: *See*—
- Bergvall, Knut L., Dahlberg, Egerstrom, and Nilsson. 2,758,818.
- Dahlberg, John H., to C. A. Swanson & Sons. Machines for dressing poultry. 2,766,477, 10-16-56, Cl. 17-11.
- Dahle, Donald E., to Wood Conversion Co. Wettable fiber felt. 2,737,179, 3-2-56, Cl. 36-39.
- Dahlhaus, Hermann, and A. Winterhoff, to Vossloh-Werke G. m. b. H. Mountings for tubular electric discharge lamps, such as fluorescent lamps, or fluorescent tubes. 2,732,530, 1-24-56, Cl. 339-62.
- Dahlin, Olof G., to AB Orga, and U. Lindholm. Container closure. 2,768,043, 8-21-56, Cl. 222-521.
- Dahlman, Eben D., to Dahlman Mfg. Co. Material handling and self-unloading vehicle. 2,754,983, 7-17-56, Cl. 214-83.2.
- Dahlman Mfg. Co.: *See*—
- Dahlman, Eben D. 2,754,983.
- Dahlman, Per O., to North Electric Co. Impulse correcting repeater for automatic telephone system. 2,747,018, 5-22-56, Cl. 179-16.
- Dahlquist, Oscar E., and E. I. Ackerson. Cleat for athletic shoes. 2,774,151, 1-2-56, Cl. 36-39.
- Dahlstrom, Donald A., to Dag-Oliver, Inc. Process and apparatus for separating mixtures of solids in a liquid medium. 2,760,635, 8-28-56, Cl. 209-211.
- Dahly, Hal W. Cigarette holder and ash receptacle. 2,729,215, 1-3-56, Cl. 131-175.
- Dahl, Leo T., to Dearborn Fabricating & Engineering Co. Trolley conveyor. 2,770,407, 11-13-56, Cl. 229-8.
- Dahmer, Roy S., to Eaton Mfg. Co. Machine for making shell molds. 2,733,489, 2-7-56, Cl. 22-33.
- Daigle, Leo T., to Dearborn Fabricating & Engineering Co. Wheel mounting for conveyor. 2,759,592, 8-21-56, Cl. 198-177.
- Daigle, Leo T., to Dearborn Fabricating & Engineering Co. Trolley conveyor. 2,765,068, 10-2-56, Cl. 198-177.
- Daignas, Pierre M. J. M. R. Means for feeding paraging machines with thick paraging material. 2,744,787, 5-8-56, Cl. 209-63.
- Dailey, Edgar G., J. Warshaw, and W. B. Pegram, to International Resistance Co. Apparatus for blast etching electrical devices. 2,743,554, 5-1-56, Cl. 51-15.
- Dailey, Hampton J., deceased, by R. M. Dailey, executrix, to Westinghouse Electric Corp. Radiator for electron discharge device. 2,772,861, 12-4-56, Cl. 257-263.
- Dailey, Howard E., to Bloomer Bros. Co. Device for setting-up collapsible cellular cartons. 2,748,674, 6-5-56, Cl. 93-37.



- Dailey, Ruth M.: *See—*  
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- Dailey, William H., Jr., to Surface Combustion Corp. Furnace pressure control. 2,744,687, 5-8-56, Cl. 236-15.
- Daily, Arthur M., to Chicago Telephone Supply Corp. Terminal construction for variable resistors. 2,736,783, 2-28-56, Cl. 201-35.
- Daily, Arthur M., to Chicago Telephone Supply Corp. Variable resistor and switch combination. 2,761,044, 8-28-56, Cl. 201-55.
- Daily, Arthur M., and M. B. Arisman, to Chicago Telephone Supply Corp. Variable resistor. 2,736,781, 2-28-56, Cl. 201-48.
- Daily, Arthur M., and J. G. Veatch, Jr., to Chicago Telephone Supply Corp. Electrical control instrumentality. 2,745,927, 5-15-56, Cl. 201-55.
- Daily, Joseph L.: *See—*  
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- Daily Mirror Newspapers Ltd.: *See—*  
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- Daimler Hire Ltd.: *See—*  
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- Dain, Gordon T., to British Telecommunications Research Ltd. Regenerative repeater. 2,752,425, 6-26-56, Cl. 178-70.
- Dain, Gordon T., and A. V. Williams, to British Telecommunications Research Ltd. Regenerative repeaters for use in telegraph systems. 2,732,428, 1-24-56, Cl. 178-70.
- Dain, John: *See—*  
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- Daino, Joseph F., Method for baking pizza pie. 2,774,316, 12-18-56, Cl. 107-54.
- Dairy Containers, Inc.: *See—*  
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- Dairy Conveyor Corp.: *See—*  
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- Dairymat Corp.: *See—*  
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- Daiss, Ava: *See—*  
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- Daiss, Fred C.: *See—*  
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- Daisy Mfg. Co.: *See—*  
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- Dakin, Guy V., Propeller blade shank. 2,758,658, 8-14-56, Cl. 170-159.
- Daland, Elliot, and D. N. Meyers, to Vertol Aircraft Corp. Means for controlling tip-path of rotors. 2,748,876, 6-5-56, Cl. 170-135.24.
- Dalbey, Walter E., Spline arbors or chucks. 2,762,629, 9-1-56, Cl. 279-1.
- Dale, Charles F., 50% to W. R. Musick. Artificial lure. 2,746,200, 5-22-56, Cl. 43-42.04.
- Dale, Clarence R., and J. F.; said J. F. Dale assor. to said C. R. Dale. Well producing, pressurizing and testing apparatus. 2,745,497, 5-15-56, Cl. 166-224.
- Dale, Colin B., P. K. Briedenbaugh, and R. C. Bierman, to Webster-Chicago Corp. Magnetic tape recorder. 2,741,439, 4-10-56, Cl. 242-55.
- Dale, Frank R., Remote controlled door knob operating means. 2,741,504, 4-10-56, Cl. 292-255.
- Dale, Glenn H.: *See—*  
Stalder, William L., and Dale. 2,772,269.
- Dale Hydraulic Controls, Inc.: *See—*  
Dale, Joseph S. 2,740,054.  
Dale, Joseph S. 2,757,549.  
Dale, Joseph S. 2,757,922.
- Dale, Jack K., and M. E. Bennett, to Upjohn Co. Aluminum-penicillin-sulfa salts and process. 2,752,335, 6-26-56, Cl. 260-239.1.
- Dale, John F.: *See—*  
Dale, Clarence R., and J. F. 2,745,497.
- Dale, Joseph S., to Dale Hydraulic Controls, Inc. Speed control apparatus. 2,740,054, 3-27-56, Cl. 290-40.
- Dale, Joseph S., to Dale Hydraulic Controls, Inc. Engine speed change control. 2,757,549, 8-7-56, Cl. 74-470.
- Dale, Joseph S., to Dale Hydraulic Controls, Inc. Hydraulic governor apparatus. 2,757,922, 8-7-56, Cl. 264-3.
- Dale Products, Inc.: *See—*  
Joseph, Matejka, Re. 24,231.
- Dale, Sheldon, to Corp. Corp. Disposable coffee brewer. 2,743,664, 5-1-56, Cl. 99-295.
- Dale, William C.: *See—*  
Batzie, William K., and Dale. 2,753,480.
- Prager, Hans, and Dale. 2,770,751.
- D'Alenio, Gaetano F., to Koppers Co., Inc. Dye receptive acrylonitrile polymerization products. 2,734,888, 2-14-56, Cl. 260-45.5.
- D'Alenio, Gaetano F., to Koppers Co., Inc. Ion-exchange resins from divinyl monomers. 2,739,948, 3-27-56, Cl. 200-2.1.
- D'Alenio, Gaetano F., to Koppers Co., Inc. N-pyrimidyl itaconic amides and polymers therefrom. 2,759,908, 8-21-56, Cl. 260-78.
- Dales, Benton: *See—*  
Derr, Elmer B., Dales, and Abrahamsen. 2,760,301.
- D'Alessandro, Joseph. Steam iron. 2,763,946, 9-25-56, Cl. 38-77.
- Dalglish, James J.: *See—*  
Holm, Ralph L., Dalglish, Lager, Beer, and Maloney. 2,754,073.
- Dalglish, John, & Sons Ltd.: *See—*  
Laurie, Kenneth S. 2,750,650.
- Dalline, Gordon A., Method of preparing a soil conditioning and enriching composition. 2,741,551, 4-10-56, Cl. 71-64.
- D'Aliberti, Michael, and H. Hartmann; said Hartmann assor. to said D'Aliberti. Septic tank. 2,764,544, 9-25-56, Cl. 210-6.
- Dall, Albert H., to The Cincinnati Milling Machine Co. Grind wheel truing mechanism. 2,735,420, 2-21-56, Cl. 125-11.
- Dall, Albert H., and H. Fritschl, to The Cincinnati Milling Machine Co. Tracer control mechanism. 2,730,129, 1-10-56, Cl. 137-622.
- Dall, Albert H., and H. Fritschl, to The Cincinnati Milling Machine Co. Tracer head mechanism. 2,766,003, 10-9-56, Cl. 251-3.
- Dall, Edward D., to Houdaille-Hershey Corp. Refrigerator door lock. 2,736,594, 2-28-56, Cl. 292-216.
- Dall, Edward D., to Houdaille Industries, Inc. Latching means for fire carriers or similar devices. 2,764,330, 9-25-56, Cl. 224-42.21.
- Dalle, Olivier, to Societe a responsabilite limitee, Societe des Mecaniques Verdol. Verdol jacquards for weaving loom. 2,773,515, 12-11-56, Cl. 139-59.
- D'Alleva, Basil A.: *See—*  
Smith, Victor C., Lecky, and D'Alleva. 2,755,663.

- Dallimonti, Renzo, to Minneapolis-Honeywell Regulator Co. Bracket for measuring instrument. 2,766,955, 10-16-56, Cl. 248-27.
- Dallion, Robert E.: *See*—  
Russell, Arthur G., Clary, Casey, and Dallion. 2,733,442.  
Russell, Arthur G., Clary, Casey, and Dallion. 2,733,564.
- Dally, Roy, to General Electric Co. Channel-shaped stylus. 2,748,199, 5-29-56, Cl. 179-100.41.
- Dalmas Ltd.: *See*—  
Robson, John P. 2,750,942.
- Dalmaso, George C.: *See*—  
Merck, John, and Dalmaso. 2,756,869.
- Dalmo Continental, Inc.: *See*—  
Soule, Arthur H. 2,770,851.
- Dalmo Victor Co.: *See*—  
Moseley, Tomlinson I. 2,751,146.  
Moseley, Tomlinson I., and Conklin. 2,768,358.
- Dalton, Glenn A. 2,769,144.
- Dal Molin, Armando. Device to produce a straight line or multiple of lines on a typewriter. 2,739,689, 3-27-56, Cl. 197-113.
- Dal, Mario. Method and apparatus for forming cellular structures. 2,760,548, 8-28-56, Cl. 154-1.6.
- Dalrymple, William P., to American Brake Shoe Co. Centrifugal clutches. 2,732,051, 1-24-56, Cl. 192-105.
- Dalrymple, William P., to A. M. Sherwood. Steerable strut with mounting for drive motor and wheel. 2,756,832, 3-21-56, Cl. 193-33.
- Dalrymple, William P., B. W. Mantle, and H. A. Sherwood, to A. M. Sherwood. Wheel drive transmission and clutch arrangement. 2,746,555, 5-22-56, Cl. 180-10.
- Dalsan, Inc.: *See*—  
Menge, Francis. 2,755,568.
- Dal Santo, John Q.: *See*—  
Martin, Murdo L., and Dal Santo. 2,756,507.
- D'Alton, André G. E. and E. A. H. W. Pyrophoric smoker's lighter. 2,760,364, 8-28-56, Cl. 67-7.1.
- D'Alton, Edouard A. H. W.: *See*—  
D'Alton, André G. E. and E. A. H. W. 2,760,364.
- Dalton, James T., and R. H. Stevens, to the United States of America as represented by the United States Atomic Energy Commission. Arrangement for minimizing negative signals. 2,760,076, 8-21-56, Cl. 250-41.9.
- Dalton, John F., C. A. Fischer, and W. G. Turnbull, Jr., to Bell Telephone Laboratories, Inc. Snap switch. 2,770,692, 11-13-56, Cl. 200-67.
- Dalton, Joseph P. Handle for luggage. 2,738,042, 3-13-56, Cl. 190-57.
- Dalton, Lawrence S. Transfer game. 2,738,979, 3-20-56, Cl. 273-132.
- Dalton, Norris D.: *See*—  
Babunovic, Momir, and Dalton. 2,771,108.
- Dalton, Patrick J., and H. J. Unger, to the United States of America as represented by the Secretary of the Navy. Off safe destruction base fuse. 2,737,892, 3-13-56, Cl. 102-51.
- Dalton, Richard L., and F. B. Hauserman, to E. I. du Pont de Nemours and Co. Process and product. 2,733,182, 1-31-56, Cl. 154-128.
- Dalton, Richard L., R. K. Iler, and G. B. Alexander, to E. I. du Pont de Nemours and Co. Process for abstracting anions from alumina sol. 2,733,205, 1-31-56, Cl. 210-24.
- Dalton, Robert H., and R. O. Voss, to Corning Glass Works. Method of flashing glass articles. 2,744,034, 5-15-56, Cl. 117-97.
- Dalton, Robert H., and R. O. Voss, to Corning Glass Works. Internal glass-to-metal seal. 2,770,923, 11-20-56, Cl. 49-92.5.
- Dalton, Rodney J. Storage means for ink-carrying draftman's pens. 2,735,888, 7-3-56, Cl. 120-108.
- Dalton, Thomas B., to West Michigan Steel Foundry Co. Ratchet crane. 2,731,120, 1-17-56, Cl. 192-43.1.
- Daly, Charles T., and R. C. Jones, to International Standard Electric Corp. Fault alarm arrangements for electric communication systems. 2,744,170, 5-1-56, Cl. 179-175.31.
- Daly, George F., D. W. Haney, and B. H. Phillips, to International Business Machines Corp. Alphabetic interpreter. 2,753,793, 7-10-56, Cl. 101-93.
- Daly, George F., and A. C. Sebesta, to International Business Machines Corp. Selective printing machine for printing both sides of a bill. 2,765,735, 10-9-56, Cl. 101-91.
- Daly, Grover J., and H. E. Lynch, to The Ottawa River Paper Co. Carton. 2,745,589, 5-15-56, Cl. 229-23.
- Daly, John J. Slack adjusting devices for air brakes. 2,747,700, 5-29-56, Cl. 188-196.
- Daly, Webster J. Industrial X-ray exposure chambers. 2,767,322, 10-16-56, Cl. 250-52.
- Dalzell, Clarence W., to Bendix Aviation Corp. Wind indicating and recording apparatus. 2,770,129, 11-13-56, Cl. 73-188.
- Dalzell, Harold L.: *See*—  
Farrington, Thayer B., and Dalzell. 2,773,975.
- Daman, Arthur C., to Mining Process and Patent Co. Ball mill with risers on liners to throw balls and oversize material towards feed end of mill and to progress smaller balls and fine material towards discharge end of mill. 2,743,060, 4-24-56, Cl. 241-183.
- Daman, Arthur C., to Mining Process and Patent Co. Dual circulation aeration apparatus. 2,747,733, 5-29-56, Cl. 209-168.
- Daman, Arthur C., to Mining Process and Patent Co. Dual pumping apparatus. 2,767,965, 10-23-56, Cl. 261-87.
- D'Amato, Vitangelo, and R. Pagani, to Lepetit S. p. A. Process for the resolution of racemic threo-1-phenyl-2-amino-1,3-propanediol. 2,766,286, 10-9-56, Cl. 260-570.6.
- D'Ambly, Jean, to Compagnie des Forges et Acieries de la Marine et de Saint-Etienne. Metal-lined brick. 2,764,887, 10-2-56, Cl. 72-35.
- D'Amico, Anthony, and J. V. Bennett. Nursing bottle. 2,760,664, 8-28-56, Cl. 215-11.
- D'Amico, John J.: *See*—  
Harnam, Marion W., and D'Amico. 2,744,898.
- D'Amico, John J., to Monsanto Chemical Co. 5-carboalkoxy-4-alkyl-2-thiazolylmercapto-S-triazines. 2,733,243, 1-31-56, Cl. 260-248.
- D'Amico, John J., to Monsanto Chemical Co. 2,2'-thiobis(4-alkyl-5-thiazole carboxylic acid). 2,746,970, 5-22-56, Cl. 260-302.
- D'Amico, John J., to Monsanto Chemical Co. 2-mercapto-4-substituted thiazoles. 2,756,238, 7-24-56, Cl. 260-302.
- D'Amico, John J., to Monsanto Chemical Co. Thiazole-sulfenamides. 2,766,237, 10-9-56, Cl. 260-247.1.
- D'Amico, John J., to Monsanto Chemical Co. Propargyl ethers of azoles. 2,769,010, 10-30-56, Cl. 260-302.
- D'Amico, John J., to Monsanto Chemical Co. Thiazolylmercaptoalkanediones. 2,772,277, 11-27-56, Cl. 260-306.
- Damm, Carl A., and W. Parasiewicz. Hydraulic packing. 2,747,954, 5-29-56, Cl. 309-23.
- Dammert, Robert V., Dammert, and Van Beers. 2,748,038.
- Damon, Robert H., to Bowser, Inc. Parking lot control system. 2,746,745, 5-22-56, Cl. 268-49.
- Damon, Samuel.: *See*—  
Fox, Edward A., and Damon. 2,752,274.
- Dan, Zoltan.: *See*—  
Kun, Louis, Jr., and L. Kun, Sr., and Dan. 2,750,485.
- Dana Corp.: *See*—  
Reid, Elmer J., and Gustafsson. 2,763,159.
- Dane, Nelson E.: *See*—  
Cole, Nelson E. 2,752,013.
- Dane, Werner G. 2,740,978.
- Lindberg, John A., and Thelander. 2,743,805.
- Dana, Homer J., J. D. Fogelquist, and R. O. Ohlson, to Reseal Corp. Warning light for power lines. 2,736,001, 2-21-56, Cl. 340-28.
- Danchig, Ira, 50% to P. Fries, Jr. Twin head toothbrush and custom covers. 2,762,074, 9-11-56, Cl. 15-184.
- Danchig, Ira, 50% to P. Fries, Jr. Counting and sorting device. 2,771,198, 11-20-56, Cl. 214-1.
- Dandewort, Thma B.: *See*—  
Venediger, Herbert J. 2,768,616.
- Dancy, William B., to International Minerals & Chemical Corp. Process for producing a substantially sulfate-free and potassium-free magnesium chloride solution. 2,758,912, 2-4-56, Cl. 25-91.
- Dandini, Juliana S. Current-driven motor. 2,730,631, 1-10-56, Cl. 290-54.
- Dandini, Juliana S. Power actuated retractable, rigid automobile top. 2,759,761, 8-21-56, Cl. 296-117.
- Dandi, Raphael A., to the United States of America as represented by the United States Atomic Energy Commission. Portable scintillation survey meter. 2,742,576, 4-17-56, Cl. 250-71.
- D'Andrea, John B., and H. M. Heuver. Digital converter. 2,733,008, 1-31-56, Cl. 235-92.
- D'Andrea, Neil J. Detachable umbrella cover. 2,746,469, 5-22-56, Cl. 135-24.
- Dandurand, Raoul. Rescue sled. 2,770,465, 11-13-56, Cl. 280-12.
- Dane, Leonard R.: *See*—  
Boxell, Samuel E., Richter, R. E. and C. R. Hall, and Dane. 2,750,815.
- Dane, Joseph C., to Norton Co. Diamond grinding wheel. 2,737,454, 3-6-56, Cl. 51-309.
- Dane, August J., to Auto Lamp Mfg. Co. Signal light system for motor vehicles. 2,760,113, 8-21-56, Cl. 315-80.
- Danel, Joseph B.: *See*—  
Cook, Walter L., and Danel. 2,761,958.
- Danel, Pierre F., to Etablissements Neyrpic. Impulse turbine. 2,733,044, 1-31-56, Cl. 253-24.
- Danel, Pierre F., and P. A. D'Auriac, to Etablissements Neyrpic. Artificial blocks for structures exposed to the action of moving water. 2,765,992, 10-16-56, Cl. 61-4.
- Danel, Pierre F., S. X. Casacci, and P. Jarrian, to Etablissements Neyrpic. Rotatable assembly in a vertical hydraulic turbo-generator. 2,767,328, 10-16-56, Cl. 290-52.
- Danforth, Edward A.: *See*—  
Toothman, Earl. 2,729,950.
- Danforth, Theodore N.: *See*—  
Walton, Richard R. 2,761,490.
- D'Angelo, Alfred J.: *See*—  
Clay, Edward B., and D'Angelo. 2,736,288.
- D'Angelo, Conrad. Means for graphically fitting garments. 2,762,124, 9-11-56, Cl. 53-16.
- D'Angelo, Joseph J. Stitch cutting tool. 2,733,507, 2-7-56, Cl. 3-287.
- D'Angelo, Mario, to Gilbert Mfg. Co., Inc. Combined switch and socket for electric lamps. 2,760,022, 8-21-56, Cl. 200-51.16.
- Daniel, Blake N. Conical screw cap remover. 2,761,337, 9-4-56, Cl. 81-3.4.
- Daniel, Carley.: *See*—  
King, Edward P. 2,775,486.



- Daniel, Charles A. Pipe wrench. 2,774,270, 12-18-56, Cl. 81-53.
- Daniel, Clarence W., and J. V. Davis, to United States Pipe and Foundry Co. Core making apparatus. 2,757,424, 8-7-56, Cl. 22-10.
- Daniel, Harold C., to The Unique Corp. Safety valve for hydraulic brake lines. 2,758,886, 8-14-56, Cl. 303-84.
- Daniel, John H., Jr.: *See—*
- Padbury, John J., Daniel, and Moore. 2,772,967.
- Daniel, John H., Jr., and R. T. Corkum, to American Cyanamid Co. Modified alkyd resin and process of preparing same. 2,748,092, 3-29-56, Cl. 260-22.
- Daniel, John H., Jr., and S. T. Moore, to American Cyanamid Co. Cationic rosin sizes. 2,772,966, 12-4-56, Cl. 92-3.
- Daniel, John M., and E. A. Hultgren. Guide for trimming sideburns or the like. 2,749,922, 6-12-56, Cl. 133-43.
- Daniel, Karl, Model of producing stamping positives for mechanical pick up sound tapes. 2,738,317, 3-13-56, Cl. 204-5.
- Daniel, Kenneth R.: *See—*
- Coupland, Frank H., Jr., Phelps, Cranford, and Daniel. 2,731,619.
- Daniel, Marvin P., to General Electric Co. Hot dip galvanizing apparatus. 2,750,923, 6-19-56, Cl. 118-423.
- Daniels, Charles J. and J. W., said J. W. Daniels to Standard Coil Products Co., Inc. Method of making tuner devices. 2,762,113, 9-11-56, Cl. 299-155.5.
- Daniels, David. Seat back warmer. 2,731,542, 1-17-56, Cl. 219-46.
- Daniels, Edgar L. Metal body work ball hammer assembly. 2,756,020, 7-31-56, Cl. 81-15.
- Daniels, Fred B., to the United States of America as represented by the Secretary of the Army. Acoustic device. 2,739,659, 3-27-56, Cl. 181-0.5.
- Daniels, Howard L., to Sperry Rand Corp. Sequence discriminator system for locating information. 2,749,533, 6-5-56, Cl. 340-147.
- Daniels, Howard L., to the United States of America as represented by the Secretary of the Navy. Random binary pattern generator. 2,750,586, 6-12-56, Cl. 340-357.
- Daniels, Howard L., and J. W. Hogan, to Sperry Rand Corp. Position indicating apparatus. 2,730,698, 1-10-56, Cl. 340-206.
- Daniels, Howard L., and S. M. Rubens, to Sperry Rand Corp. Variable area magnetic recording system. 2,743,320, 4-24-56, Cl. 179-100.2.
- Daniels, James W., to Shal-O-Draft Boats, Inc. Swingable boat propulsion and steering unit. 2,742,013, 4-17-56, Cl. 11-14.
- Daniels, John W.: *See—*
- Daniels, Charles J. and J. W. 2,762,113.
- Textrom, Ralph, and Daniels. 2,735,932.
- Daniels, Lewis N. Golf ball tees. 2,739,812, 3-27-56, Cl. 273-33.
- Daniels, Wuls T. Releaseable hook fastening for fence wire. 2,764,359, 9-25-56, Cl. 256-48.
- Daniels, Raymond R., to Panel-Lok Corp. Demountable metal outdoor advertising sign structure with a minimum of securing devices. 2,772,495, 12-4-56, Cl. 40-125.
- Daniels, Richard W., H. P. Diggle, and B. N. Smith, to United Shoe Machinery Corp. Machines for bundling components. 2,771,206, 11-20-56, Cl. 216-9.
- Daniels, Robert M., J. E. Maudru, and G. O. Rorabaugh, to Holly Sugar Corp. Sugar purification ion exchange method and apparatus. 2,744,840, 5-8-56, Cl. 127-46.
- Daniels, Gustav J., to J. H. Bluechel. Inter-locking wall construction. 2,766,488, 10-16-56, Cl. 20-4.
- Danielson, Jean W. High chair toy support. 2,762,161, 9-11-56, Cl. 46-32.
- Danielson Mfg. Co., The: *See—*
- Chadbourne, William H. 2,735,699.
- Holt, John E. 2,745,197.
- Danielson, Vernon S., to W. H. Miner, Inc. Rubber shock absorbing mechanisms for railway draft riggings. 2,763,379, 9-18-56, Cl. 213-45.
- Danielson, Vernon S., to W. H. Miner, Inc. Rubber shock absorbing mechanisms for railway car draft riggings. 2,763,380, 9-18-56, Cl. 213-49.
- Danielson, Vernon S., to W. H. Miner, Inc. Rubber shock absorbing mechanisms for railway car draft riggings. 2,774,485, 12-18-56, Cl. 213-45.
- Danielson, Vernon S., and W. D. Wallace, to W. H. Miner, Inc. Combined rubber and friction shock absorbing mechanism. 2,748,956, 6-3-56, Cl. 213-34.
- Danielson, Vernon S., and W. D. Wallace, to W. H. Miner, Inc. Combined friction and rubber shock absorbing mechanism. 2,767,857, 10-23-56, Cl. 213-34.
- Danilow, Eugene. Layout gauge. 2,750,672, 6-19-56, Cl. 219-46.
- Daninbirsch, Harry: *See—*
- Argentieri, Peter A., Daninbirsch, and Day. 2,749,831.
- Danitos Hosiery Mfg. Co., Inc.: *See—*
- Boyer, Morris H. 2,744,400.
- Dancizek, William E., to L. & C. Hardtmuth, Inc. Indicators. 2,760,448, 6-6-56, Cl. 131-110.
- Danco, Stanislaus F.: *See—*
- Abramson, Moe, and Danko. 2,756,485.
- Danly, James C., to Danly Machine Specialties, Inc. Motor current actuated press control circuit. 2,735,976, 2-21-56, Cl. 318-447.
- Danly, James C., to Danly Machine Specialties, Inc. Inching assembly for power presses. 2,755,687, 7-24-56, Cl. 74-655.
- Danly Machine Specialties, Inc.: *See—*
- Danly, James C. 2,735,976.
- Danly, James C. 2,755,687.
- Danly, Philo H., and Georgeff. 2,753,405.
- Novinger, Cecil E., and Mueller. 2,758,652.
- Danly, Philo H., and V. Georgeff, to Danly Machine Specialties, Inc. Rotary limit switch assembly. 2,753,405, 7-3-56, Cl. 200-17.
- Dann, Ernest G. Lift pump. 2,741,994, 4-17-56, Cl. 103-178.
- Dann, John R.: *See—*
- Hillingsworth, Bernard D., Dann, and Gates. 2,763,625.
- Dann, Morris, to American Home Products Corp. One-hand veterinary syringe. 2,750,943, 6-19-56, Cl. 128-235.
- Danna, Anthony J., Jr., to Whirlpool-Seeger Corp. Juice can storage receptacle and dispenser. 2,767,039, 10-16-56, Cl. 312-295.
- Dannenbergh, Hans, to Shell Development Co. Drying composition resistant to gas checking and frosting. 2,730,510, 1-10-56, Cl. 260-18.
- Dannenmann, Paul, to G. Bauknecht G. m. b. H. Multiposition appliance motor unit. 2,740,907, 4-3-56, Cl. 310-66.
- Danner, Eugene G. Piston rod and crank pin connection for aquaplanes. 2,770,478, 11-13-56, Cl. 287-96.
- Dan River Mills, Inc.: *See—*
- Gagarine, Dmitry M., and Repokis. 2,771,337.
- Dans, Bernard D., to Dacam Corp. Article stacking and boxing apparatus. 2,732,984, 1-31-56, Cl. 226-14.
- Danscher, Rudolph E.: *See—*
- Jones, Jean R., and Danscher. 2,759,821.
- D'Antonio, Caesar H.: *See—*
- Ringel, Harold A., and Meyer. 2,746,668.
- D'Antonio, Charles J. Salt and pepper shaker. 2,753,087, 7-3-56, Cl. 222-184.
- Danz, Friedrich, Schmalfeld, and P. Rudolph, to Metallgesellschaft Aktiengesellschaft. Method of operating portable type heat carriers. 2,772,873, 12-4-56, Cl. 263-32.
- Danuser, Jakob: *See—*
- Schmid, Max, Moser, Danuser, Mory, Mueller, and Wuerger. 2,741,656.
- Schmid, Max, Moser, Danuser, Mory, Mueller, and Wuerger. 2,741,657.
- Schmid, Max, Moser, Danuser, Mory, Mueller, and Wuerger. 2,741,658.
- Schmid, Max, Moser, Danuser, Mory, Mueller, and Wuerger. 2,741,659.
- Danz, Willi: *See—*
- Johannsen, Adolf, Danz, Pfannmueller, and Wolf. 2,761,762.
- Johannsen, Adolf, Danz, Pfannmueller, and Wolf. 2,761,763.
- Johannsen, Adolf, Danz, Pfannmueller, and Wolf. 2,761,764.
- Johannsen, Adolf, Danz, Pfannmueller, and Wolf. 2,768,959.
- Danzer, Josef H. Miniature cameras with automatic winding mechanism. 2,751,827, 6-26-56, Cl. 95-31.
- Danziger, Albert. Electronic flash apparatus for photography. 2,738,443, 12-18-56, Cl. 315-205.
- Danziger, Joseph L., to Scovill Mfg. Co. Valve device for fire extinguishers and the like. 2,774,432, 12-18-56, Cl. 169-31.
- Danziger, William: *See—*
- Stanton, Arthur J., Carlberg, Bole, Sieve, Danziger, and De Masi. 2,745,317.
- Danziger, William. Cable reel mechanism. 2,729,400, 1-3-56, Cl. 242-47.5.
- Daout, Robert N. Device for cutting gear teeth and grooves or splines by the generating process. 2,749,804, 6-12-56, Cl. 90-3.
- D'Aquanno, Eugene J.: *See—*
- Child, Everett S., Pansa, and D'Aquanno. 2,739,290.
- D'Aquin, Esler L.: *See—*
- Child, Everett S., Pansa, D'Aquin, and Gastrock. 2,732,939.
- Darago, Frank J., to Applied Science Corp. of Princeton. Calibration graph plotter. 2,733,510, 2-7-56, Cl. 33-1.
- Daras, Nestor G.: *See—*
- Deprez, Charles-Louis, and Daris. 2,757,076.
- Darby, Joseph R., and A. R. Hempel, to Monsanto Chemical Co. Polyester resin compositions. 2,757,158, 7-31-56, Cl. 290-18.
- Darby, Paul F.: *See—*
- Newcomb, Charles E., Porter, and Darby. 2,733,912.
- Newcomb, Charles E., Porter, Darby, and Vordahl. 2,762,856.
- Darby, Paul F., W. L. Finlay, and O. W. Simmons, to Rem-Cru Titanium, Inc. Apparatus for melting highly reactive metals. 2,745,891, 5-15-56, Cl. 13-31.
- Darby, Vene L., to North American Aviation, Inc. Control surface seal. 2,772,842, 12-4-56, Cl. 244-90.
- Darby, Walter, to Stuart Davis Ltd. Reciprocatory drive for a rack. 2,771,762, 11-27-56, Cl. 74-32.
- Darby, William A. Inflatable collapsible shelter. 2,754,836, 7-17-56, Cl. 135-11.
- Darby, William C., deceased, by W. K. Darby, executor. Composition, method, and device for detecting carbon monoxide. 2,738,257, 3-13-56, Cl. 23-232.
- Darby, William K.: *See—*
- Darby, William C. 2,738,257.

- D'Arcey, Alfred C.: *See*—  
Lee, Ferman N., MacKenzie, D'Arcey, and Clechetti. 2,746,046.
- D'Arcey, Alfred C., to United Shoe Machinery Corp. Dust collecting hoods. 2,729,927, 1-10-56, Cl. 51—273.
- Darcissac, Marcel. Electro-mechanical apparatus for vibration massage. 2,766,750, 10-16-56, Cl. 128—242.
- Darden, Eugene T., to E. I. du Pont de Nemours and Co. Preparation of fertilizer compositions. 2,763,283, 10-9-56, Cl. 260—553.
- Dargier de Saint-Vaury, Paul, to Lip S. A. D'Horlogerie. Electrical bicycle wheel for time-keepers. 2,730,634, 1-10-56, Cl. 310—39.
- Dargier de Saint Vaury, Paul, to Lip S. A. D'Horlogerie. Anodes for electric cells. 2,768,228, 10-23-56, Cl. 136—83.
- Darian, Ernest. Differential protection of penstocks and pipe lines. 2,750,581, 6-12-56, Cl. 340—242.
- Darick, Alex. H. Agricultural implement. 2,732,780, 1-31-56, Cl. 97—8.
- Dari-Go-Round, Inc.: *See*—  
Atkins, Harold W. 2,736,274.  
Atkins, Harold W. 2,736,534.
- Darlow, Wilbert J., to Kubo Mfg. Co. Rear dump wagon. 2,751,096, 6-19-56, Cl. 214—82.
- Darkis, Frederick R.: *See*—  
Hackney, Edward J., Faucette, and Darkis. 2,774,680.
- Darko, John A.: *See*—  
Cockerham, Frank E., and Darko. 2,747,059.
- Darby, Henry C. H., to Shell Development Co. Drilling fluid for high-temperature wells. 2,744,869, 5-8-56, Cl. 252—8.5.
- Darley, W. S., & Co.: *See*—  
Yates, De Witt E. 2,772,636.
- Darling, Jack C., and J. Hayes, to Owens-Illinois Glass Co. Method of counting articles. 2,731,204, 1-17-56, Cl. 235—98.
- Darling, Joseph S.: *See*—  
Jacobs, William, and Darling. 2,744,666.
- Darling, L. A., Co.: *See*—  
Parke, Alfred G. 2,744,714.
- Darling, Ralph E. Electrically equipped oxygen hose. 2,745,074, 5-8-56, Cl. 339—16.
- Darling, Samuel M., P. S. Fay, and L. S. Szabo, to The Standard Oil Co. Leaded motor fuel containing boron compounds. 2,741,548, 4-10-56, Cl. 44—63.
- Darling, William H., to Dumont Aircraft Fitting Co. Valve device. 2,767,735, 10-23-56, Cl. 137—527.
- Darling, Woodrow, to Radio Corp. of America. Antenna system. 2,757,369, 7-31-56, Cl. 343—800.
- Darlington Fabrics Corp.: *See*—  
Smith, Charles E. 2,733,179.
- Darlington, Henry S., Jr., to A. H. Wirz, Inc. Spout closure. 2,761,598, 9-4-56, Cl. 222—541.
- Darlington, Henry S., Jr., to A. H. Wirz, Inc. Closure. 2,769,583, 11-6-56, Cl. 222—541.
- Darmody, William J. Means for preventing leakage between a rotated shaft and a housing. 2,732,711, 1-31-56, Cl. 73—37.9.
- Darmois, Emile E., and I. Epeibou, to Centre National de la Recherche Scientifique. Electrolytic polishing of metals. 2,752,304, 6-26-56, Cl. 204—140.5.
- Darstadt, Paul, and G. W. Fuller, to The American Thermos Co. Exhaust tip protector and shock absorber for vacuum insulated vessels. 2,741,387, 4-10-56, Cl. 215—13.
- Darnelle, Joseph A. Road construction. 2,746,365, 5-22-56, Cl. 94—33.
- Darnell, William E., Jr. Garment bagging device. 2,747,824, 5-29-56, Cl. 248—161.
- Darney, Harold E., to Hanovia Chemical and Mfg. Co. Control system for irradiator unit. 2,732,502, 1-24-56, Cl. 250—45.
- Darquier, Juan J. Control device for hydraulic brakes. 2,764,176, 9-25-56, Cl. 137—118.
- Darr, Christian: *See*—  
Berg, Herbert, Darr, and Wilhelm. 2,766,357.
- Darr, Christian, to Siemens & Halske, Aktiengesellschaft. Electrical relay and cover therefor. 2,735,918, 2-21-56, Cl. 200—168.
- Darragh, John L., and G. B. Johnson, to California Research Corp. Germicidal detergent compositions. 2,746,928, 5-22-56, Cl. 252—106.
- Darrach, Kermit L., to the United States of America as represented by the Secretary of Navy. Counter-rotating propeller drive. 2,765,040, 10-2-56, Cl. 170—135.28.
- D'Arrigo Bros. of California: *See*—  
Rosen, William. 2,756,544.
- Darrow, Merritt L., and C. E. Stotts, to Swift & Co. De-birding of poultry chicks. 2,766,756, 10-16-56, Cl. 128—303.1.
- Davis, George. Headlight. 2,766,394, 10-9-56, Cl. 313—114.
- Dart, Mayne E.: *See*—  
Fricker, George A., and Dart. 2,731,180.
- Dart, Sidney L., and J. P. Hollihan, Jr., to American Viscose Corp. Cylinder dye test. 2,737,806, 3-13-56, Cl. 73—160.
- Darth, John H. H.: *See*—  
Cohen, Henry, and Darth. 2,747,363.
- Darvie, Samuel, to Elegant Accessories, Inc. Retractable mirror device. 2,771,083, 11-20-56, Cl. 132—79.
- Darwin, Clifford, to Crompton & Knowles Loom Works. Check for picker stick foot. 2,760,525, 8-28-56, Cl. 139—150.
- Darwin Products, Inc.: *See*—  
Pearl, Daniel M. 2,749,771.  
Pearl, Daniel M. 2,751,797.
- Dasburg, Alfred V., to General Railway Signal Co. Radio communication system. 2,731,549, 1-17-56, Cl. 246—7.
- Dasch, George, to Sunray Food Products Corp. Carton filling apparatus. 2,757,502, 8-7-56, Cl. 53—389.
- Daschke, Arthur W., to Bell Telephone Laboratories, Inc. Compensated electrical rectifier and meter. 2,767,377, 10-16-56, Cl. 324—115.
- Dascombe, Charles B. Tire pressure indicator. 2,738,752, 3-20-56, Cl. 116—34.
- Das Gupta, Asru K., to Solar Mfg. Corp. Composition and method of making low dielectric capacitors. 2,741,561, 4-10-56, Cl. 106—39.
- Dasher, Wayne G. Individually controlled race track. 2,736,556, 2-28-56, Cl. 273—86.
- Dasipit, John I., to Gilfilan Bros., Inc. Linear phase detector. 2,758,277, 8-7-56, Cl. 324—85.
- Daszewski, Edward W., to General Electric Co. Insulated electrical conductor. 2,730,466, 1-10-56, Cl. 117—232.
- Daszewski, Edward W., to General Electric Co. Insulated electrical conductors. 2,730,467, 1-10-56, Cl. 117—232.
- Data, John B., and B. M. Sutton, to Purdue Research Foundation. Alkoxypolyamines and acid addition salts. 2,764,615, 9-25-56, Cl. 260—584.
- Dath, George E., to Enterprise Railway Equipment Co. Out-let frame for railway hopper cars. 2,745,563, 5-15-56, Cl. 214—83.18.
- Dath, George E., to Enterprise Railway Equipment Co. Out-let assembly with completely enclosed sliding gate for railway car hopper. 2,751,859, 8-26-56, Cl. 105—222.
- Dath, George E., to Enterprise Railway Equipment Co. Removable closure for discharge outlet for railway car hopper. 2,751,860, 6-26-56, Cl. 105—282.
- Daub, Rudolph, 20% to F. A. Bower. Piston structure. 2,755,151, 7-17-56, Cl. 309—14.
- Daub, Rudolph, 20% to F. A. Bower. Piston structure. 2,760,834, 8-28-56, Cl. 309—14.
- Dauben, Joseph: *See*—  
Nallinger, Friedrich K. H., and Dauben. 2,772,755.
- Dauben, Joseph, to Daimler-Benz Aktiengesellschaft. Swash disk mechanism transmitting mechanism for internal combustion engines, compressors, or the like. 2,737,055, 3-6-56, Cl. 74—60.
- Dauben, Joseph, to Daimler-Benz Aktiengesellschaft. Arrangement of steering gear and controls in motor vehicles. 2,738,773, 8-7-56, Cl. 150—90.
- Dauben, Joseph, to Daimler-Benz Aktiengesellschaft. Power plant and driving mechanism for motor vehicle. 2,756,834, 7-31-56, Cl. 180—54.
- Daubenspeck, Henry C.: *See*—  
Winder, Samuel E. 2,757,484.
- Daubenspeck, John M., to National Lead Co. Method of recovering nickel and cobalt from nickelferrous ores. 2,733,983, 2-7-56, Cl. 23—183.
- Daubenspeck, John M., and R. S. McNeil, to National Lead Co. Process for separating iron values from titaniferous iron material. 2,747,987, 5-29-56, Cl. 75—30.
- Daubenspeck, John M., and R. D. Woomey, to National Lead Co. Separation of iron from titaniferous iron ores. 2,758,019, 8-7-56, Cl. 75—1.
- Dauber, Louis, and S. B. Sweetser, to Esso Research and Engineering Co. Multi-stage polymerization of olefins with suspended catalyst. 2,767,234, 10-16-56, Cl. 260—683.15.
- Daubert Chemical Co.: *See*—  
Senkus, Murray. 2,739,870.  
Senkus, Murray. 2,739,871.  
Senkus, Murray. 2,739,872.
- Daubert, John A.: *See*—  
Frenneck, William A., Doubert, and Ederly. 2,760,318.
- D'Audiffret, Adolph A., and R. E. Reimund, to Ranney Method Water Supplies, Inc. Method and apparatus for collecting water. 2,740,476, 4-3-56, Cl. 166—46.
- D'Audiffret, Adolph A., and R. E. Reimund, to Ranney Method Water Supplies, Inc. Method and apparatus for projecting pipes through ground. 2,756,020, 7-24-56, Cl. 255—1.8.
- Daunenhauser, Florian F. Vertical hop picker having endless carrier chain for hop vines, moving in a vertical plane. 2,757,785, 8-7-56, Cl. 189—179.
- Dauchguy, Arthur. Pier-type slidable jaw wrench. 2,731,871, 1-24-56, Cl. 81—35.
- Daugherty, Charles C., to Republic Steel Corp. Recovery of manganese from ores. 2,747,965, 5-29-56, Cl. 23—145.
- Daugherty, Lavern V. Saw tooth wrench. 2,748,626, 6-5-56, Cl. 76—80.
- Daugherty, Nathan D. Tool post and tool holder. 2,730,918, 1-17-56, Cl. 82—38.
- Daul, George C.: *See*—  
Reinhardt, Robert M., Daul, and Reid. 2,731,323.
- Daum, Claude R., R. H. Kuemmelich, and W. U. Garstka. Electro coding device. 2,748,376, 5-29-56, Cl. 340—190.
- Daumiller, Gunther, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Production of polyurethanes using tri- or tetra-functional reactants. 2,748,102, 5-29-56, Cl. 260—77.5.
- Daun, Carl L., to Research & Engineering Corp. Beer dispensing apparatus. 2,731,027, 1-17-56, Cl. 137—170.1.
- Dauncey, Leonard A., to The General Electric Co. Ltd. Methods for use in the growing of crystals. 2,759,803, 8-21-56, Cl. 23—301.
- Dauphinais, George A., to Quaker Rubber Corp. Hose and manufacture thereof. 2,752,952, 7-3-56, Cl. 138—58.
- Dauch, Erwin, to SKF Kugellagerfabriken Gesellschaft mit beschränkter Haftung. Textile drawing mechanism. 2,746,095, 5-22-56, Cl. 19—135.



- Dausch, Erwin F., to SKF Kugellagerfabriken Gesellschaft mit beschränkter Haftung. Textile drawing mechanism. 2,751,632, 6-26-56, Cl. 19-135.
- Daussat, Russell L.; See—  
Merzweiler, Joseph K., Templeton, and Daussat. 2,744,921.
- Dause, André, to Etablissements André Gillier. Rectilinear knitting machine. 2,741,106, 4-10-56, Cl. 66-89.
- Dautry, Daniel, to International Standard Electric Corp. Electromagnetic relay. 2,735,910, 2-21-56, Cl. 200-104.
- Davenport, Arnold J., to Wilmot Engineering Co. Level control. 2,763,284, 9-18-56, Cl. 137-392.
- Davenport, Lee L., to the United States of America as represented by the Secretary of War. Radiant energy system for the measurement of velocities of objects moving in space. 2,743,487, 4-24-56, Cl. 343-8.
- Daverin, George E.; See—  
Stone, Albert L., and Daverin. 2,747,751.
- Davey, George M., to Hadco Engineering Co., Inc. Axial disc brake. 2,771,966, 11-27-56, Cl. 188-72.
- Davey, Paxman & Co. Ltd.; See—  
Hammond, Arthur C. E. 2,734,496.
- David, Arnold R., to American Cyanamid Co. Softening of rubbers. 2,762,779, 9-11-56, Cl. 252-311.
- David, Bernard. Apparatus for the conditioning of air. 2,741,003, 4-10-56, Cl. 21-74.
- David, Donald J., and R. H. Hanson, to Minnesota Mining & Manufacturing Co. Nonwoven decorative ribbons. 2,738,298, 8-13-56, Cl. 154-53.6.
- David, Pierre, to Compagnie de Pont-A-Mousson. Apparatus for bending pipe bars and other elements. 2,753,916, 7-10-56, Cl. 153-48.
- David, Vernon J. Bag emptying machine. 2,738,085, 3-13-56, Cl. 214-314.
- David, Vernon J. Chain link. 2,758,483, 8-14-56, Cl. 74-250.
- Davidoff, Charles; See—  
Davidson, Hewel H., and Davidoff. 2,766,066.
- Davidowitz, Herman. Hemming neckties. 2,748,729, 6-5-56, Cl. 112-2.
- Davidson, Alfred G., Jr., to The American Rondo Corp. Combined packaging and supporting members. 2,747,787, 5-29-56, Cl. 228-40.
- Davidson, Andrew J. Dispenser holder for sealed liquid containers. 2,737,316, 3-6-56, Cl. 222-85.
- Davidson, Bruce J., to National Biscuit Co. Cartons. 2,756,919, 7-31-56, Cl. 220-14.
- Davidson, Charles L. Animal feeder. 2,731,950, 1-24-56, Cl. 112-2.
- Davidson Corp.; See—  
George, Harvey F. 2,756,672.  
George, Harvey F. 2,756,673.  
George, Harvey F., and Davidson. 2,759,416.
- Davidson, Dewey, to Reeves Rubber, Inc. Machine for removing flesh from molded rubber rings. 2,736,145, 2-28-56, Cl. 51-89.
- Davidson, Donald E.; See—  
Hendrix, Don O., and Davidson. 2,764,908.
- Davidson, Donald T.; See—  
Te Chu, Ting, and Davidson. 2,746,731.
- Davidson, Douglas H. M., and A. C. Barltrop; said Barltrop assor. to N. G. Randall. Mobile roller mounted tire removing machine. 2,730,166, 1-10-56, Cl. 157-1-2.
- Davidson, Duncan, to Imperial Chemical Industries Ltd. Explosive compositions. 2,768,073, 10-23-56, Cl. 52-111.
- Davidson, Edmund T., and L. E. Kilmear, Jr., to Scovill Mfg. Co. Quickly attachable safety hose coupling. 2,744,770, 5-8-56, Cl. 285-169.
- Davidson, Emil, and M. A. Gilman, to Clay-Adams, Inc. Centrifuge. 2,739,759, 3-27-56, Cl. 233-26.
- Davidson, Ernest R. Portable exerciser. 2,754,123, 7-10-56, Cl. 273-97.
- Davidson, Evan J.; See—  
Rey, William A., Davidson, Keller, and Swift. 2,774,847.
- Davidson, George W., to Metropolitan-Vickers Electrical Co. Ltd. Switchgear. 2,767,265, 10-16-56, Cl. 200-50.
- Davidson, Harley W. Trolley reel. 2,734,694, 2-14-56, Cl. 242-106.
- Davidson, Hershel J., and D. T. Hicks; said Davidson assor. to said Hicks. Weed and root digger and separator. 2,742,839, 4-24-56, Cl. 97-10.
- Davidson, Ivor M., to Power Jets (Research and Development) Ltd. Jet propelled aircraft with wing-mounted jet engines. 2,756,008, 7-24-56, Cl. 244-15.
- Davidson, John B., and E. J. Romatowski, to Allied Chemical & Dye Corp. Production of thermosetting synthetic resins capable of imparting improved wet strength to paper. 2,729,617, 1-3-56, Cl. 260-70.
- Davidson, John, Jr., to International Telephone and Telegraph Corp. Automatic rural crossbar switching system. 2,740,841, 4-3-56, Cl. 179-22.
- Davidson, John T., to The Standard Register Co. Platen roll. 2,742,989, 4-24-56, Cl. 197-145.
- Davidson Mfg. Co.; See—  
Hendrix, Don O. 2,734,419.  
Hendrix, Don O., and Davidson. 2,764,908.
- Davidson, Maxwell W., to Sanderson & Murray Ltd. Baling press. 2,739,749, 3-27-56, Cl. 226-19.
- Davidson, Melvin J. G.; See—  
Williams, Harry L., and Davidson. 2,749,313.
- Davidson, Riley E. Timing device for pumps. 2,761,390, 9-4-56, Cl. 103-27.
- Davidson, Robert A.; See—  
Silverman, Leslie, and Davidson. 2,758,671.
- Davidson, Robert B. Bunk for logging vehicles. 2,733,077, 1-31-56, Cl. 280-145.
- Davidson, Robert B. Bunk for logging vehicles. 2,744,766, 5-8-56, Cl. 280-145.
- Davidson Signal Co., Ltd.; See—  
Davidson, William H. 2,766,358.
- Davidson, Thomas R. N., and A. H. Scruton, to General Electric Co. Article transfer apparatus. 2,769,520, 11-6-56, Cl. 198-26.
- Davidson, William E., to General Electric Co. Support means for a meat container. 2,755,158, 7-17-56, Cl. 312-348.
- Davidson, William H., to Davidson Signal Co., Ltd. Hold-up alarm signal system. 2,766,358, 10-9-56, Cl. 200-168.
- Davidson, William W.; See—  
George, Harvey F., and Davidson. 2,759,416.
- Davidson, William W. Sheet feeding means for dual purpose duplicator. 2,750,882, 6-19-56, Cl. 101-232.
- Davie, Robert P., Jr., to North American Aviation, Inc. Aircraft wing leading edge and slot. 2,755,039, 7-17-56, Cl. 244-42.
- Davie, Robert P., Jr., to North American Aviation, Inc. Aircraft wing leading edge construction. 2,763,448, 9-18-56, Cl. 244-44.
- Davie, William R., to Pittsburgh Coke & Chemical Co. Low volatility herbicidal compositions. 2,732,291, 1-24-56, Cl. 71-2-6.
- Davie, William R., to Pittsburgh Coke & Chemical Co. Low volatile herbicidal compositions. 2,741,818, 5-8-56, Cl. 71-2-6.
- Davie, William R., to Pittsburgh Coke & Chemical Co. Herbicidal compositions. 2,761,773, 9-4-56, Cl. 71-2-6.
- Davie, William R., to Pittsburgh Coke & Chemical Co. Low volatility herbicidal compositions. 2,761,774, 9-4-56, Cl. 71-2-6.
- Davies, Alan D., to the United States of America as represented by the Secretary of the Navy. Colored filter blocks. 2,740,957, 4-3-56, Cl. 340-380.
- Davis, Bedford, and E. B. Walker. Conditioning device for faucets. 2,748,447, 8-5-56, Cl. 51-197.
- Davies, Clarence J., to National Automotive Fibres, Inc. Multiple stapling machine. 2,743,442, 5-1-56, Cl. 1-3.
- Davies, Clarence J., to National Automotive Fibres, Inc. Method and apparatus for tensioning and edge turning the cover material of automobile door laminated panels. 2,747,410, 12-18-56, Cl. 154-41.
- Davies, Cyril B.; See—  
Jense, Willem F., and Davies. 2,732,348.
- Davies, David O., C. G. Morley, and W. R. C. Ivens, to Rolls-Royce Ltd. Fuel system for pilot burners of gas-turbine engines reheat equipment. 2,742,755, 4-24-56, Cl. 60-35.6.
- Davies, Eric, to Marconi's Wireless Telegraph Co. Ltd. Cathode ray tubes for television and like purposes. 2,748,305, 5-29-56, Cl. 313-76.
- Davies, Frank; See—  
Thomas, Iswerth H., and Davies. 2,766,776.
- Davies, Herbert V., to Manifolia Ltd. Card filing device. 2,768,625, 10-30-56, Cl. 129-16.
- Davies, James E.; See—  
Dixon, Stanley M., and Davies. 2,739,686.
- Davies, John G., L. L. Martin, G. T. Morris, and A. Lusk, to Parkinson & Cowan Ltd. Domestic washing machines. 2,760,506, 8-28-56, Cl. 134-186.
- Davies, John W. Safety method and means for automotive vehicles having automatic drives. 2,740,947, 4-3-56, Cl. 340-52.
- Davies, John W. M. L. Kapin, and W. C. Kothe; said Kapin and said Kothe assors. to said Davies. Torque-release wrench. 2,731,864, 1-24-56, Cl. 81-52.4.
- Davies Laboratories, Inc.; The; See—  
Wagner, Thomas C. G. 2,734,135.
- Davies, Richard E., to Cleon Products, Inc. Neon tube operating mechanism. 2,739,267, 3-20-56, Cl. 315-212.
- Davies, Richard T. Electrically controlled vehicle door lock. 2,768,853, 10-30-56, Cl. 292-229.
- Davies, Robert H.; See—  
Alaska, Walter A., and Davies. 2,729,244.
- Davies, Thomas D., and C. J. Perry. Card marking device. 2,748,667, 8-5-56, Cl. 271-3.
- Davies, Walter B. Air filter clogging warning apparatus. 2,753,831, 7-10-56, Cl. 116-112.
- Davies-Young Soap Co., The; See—  
Trusler, Ralf B. 2,729,576.
- Davis, Aaron. Fluid pumping device. 2,748,717, 6-5-56, Cl. 103-152.
- Davis, Adrienne H.; See—  
Prentiss, William C., Davis, Wetzel, and Sheets. 2,760,886.
- Davis Aircraft Products Inc.; See—  
Davis, Frank I. 2,743,497.
- Davis, Allan C. Bottle feeding device. 2,753,037, 7-3-56, Cl. 198-23.
- Davis, Allan C. Case unloader. 2,758,731, 8-14-56, Cl. 214-309.
- Davis, Allen V. C. Electric switch. 2,748,215, 5-29-56, Cl. 200-67.
- Davis, Archibald H. Siliceous strand. 2,775,022, 12-25-56, Cl. 28-51.
- Davis, Arnold R.; See—  
Sullivan, Frank A. V., and Davis. 2,773,907.
- Davis, Arthur M., to General Motors Corp. Thrust balancing. 2,732,695, 1-31-56, Cl. 64-9.
- Davis, Arthur M., to General Motors Corp. Two-piece guided actuator mechanism. 2,740,300, 4-3-56, Cl. 74-110.

- Davis, Arthur P., to American Bosch Arma Corp. Fire control apparatus. 2,750,844, 6-19-56, Cl. 89—28.
- Davis, Benjamin H., to The Standard Machinery Co. Extrusion apparatus. 2,774,107, 12-18-56, Cl. 18—12.
- Davis, Bruce R., Adjustable automobile seat. 2,730,162, 1-10-56, Cl. 15—14.
- Davis, C. Edward, Transmission dirt shield. 2,761,295, 9-4-56, Cl. 64—1.
- Davis, Charles, to Proctor Electric Co. Ironing table. 2,746,184, 5-22-56, Cl. 38—121.
- Davis, Charles C., to Weston Corp. Method of securing conductor to stylus. 2,746,130, 5-22-56, Cl. 29—155.5.
- Davis, Charles J., *See*—  
Gottschalk, Robert. 2,763,178.
- Davis, Charles J., Jr., *See*—  
Bates, Robert W., Davis, and Morris. 2,751,304.
- Davis, Clayton C., Combination shaker and spout device for salt shakers. 2,745,577, 5-15-56, Cl. 222—480.
- Davis, Clenon J., Bottle cap and seal cutter. 2,765,944, 10-9-56, Cl. 215—46.
- Davis, Clyde O., R. C. Glogau, F. A. Loving, and J. P. Swed, to E. I. du Pont de Nemours & Co. Blasting means. 2,736,261, 2-28-56, Cl. 102—23.
- Davis, Clyde O., C. H. Noren, and R. A. Schmitt, to E. I. du Pont de Nemours and Co. Blasting explosive. 2,752,848, 7-3-56, Cl. 102—24.
- Davis, Clyde W., to The Dow Chemical Co. Purification of concentrated salt solutions. 2,746,840, 5-22-56, Cl. 23—97.
- Davis, Clyde W., to The Dow Chemical Co. Method of controlling molecular weight of polyacrylonitrile produced in aqueous salt solutions. 2,763,636, 9-18-56, Cl. 260—88.7.
- Davis Co., The, *See*—  
Pope, Henry, Jr. 2,729,957.
- Davis, David T., *See*—  
Woods-Hill, William, and Davis. 2,745,599.
- Davis, De Witt, Sr., *See*—  
Brugler, Richard L., and Davis. 2,744,393.
- Davis, Donovan C., *See*—  
Shuter, Martin H., and Davis. 2,740,963.
- Davis, Donovan C., and R. M. Tryon, to Gilfillan Bros., Inc. Equalized fast time constant system. 2,769,084, 10-30-56, Cl. 250—20.
- Davis, Earl K., *See*—  
Kreidl, Norbert J., and Davis. 2,748,006.
- Davis, Earl K. and M. R. Scott, to Bausch & Lomb Optical Co. Flint glasses for multifocal lenses. 2,762,713, 9-11-56, Cl. 106—53.
- Davis, Eddie R., Vehicular truck for carrying sofas or the like. 2,736,593, 2-28-56, Cl. 280—47.24.
- Davis, Edgar C., to General Motors Corp. Grid bearing and method of making same. 2,757,055, 7-31-56, Cl. 308—239.
- Davis, Edgar C., to General Motors Corp. Grid bearing and method of making same. 2,770,586, 11-13-56, Cl. 204—37.
- Davis, Edgar L., Revolving grocery counter. 2,759,611, 8-21-56, Cl. 211—1.6.
- Davis, Edward A., to Gerotom May Corp. Hopper control apparatus and method. 2,732,099, 1-24-56, Cl. 222—1.
- Davis, Edward A., Switching system. 2,744,972, 5-8-56, Cl. 200—23.
- Davis, Edward H., deceased, by M. D. D. Culler, administratrix. Thermo-responsive electric switch. 2,739,069, 8-14-56, Cl. 200—138.
- Davis, Edward W., to Reserve Mining Co. Apparatus for feeding materials. 2,757,782, 8-7-56, Cl. 198—86.
- Davis, Ellis O., Burning furnace and control. 2,766,818, 10-16-56, Cl. 158—28.
- Davis, Elwood A., to Friden Calculating Machine Co., Inc. Clearing mechanism. 2,733,011, 1-31-56, Cl. 235—144.
- Davis, Elwood A., to Friden Calculating Machine Co., Inc. Selection mechanism. 2,768,788, 10-30-56, Cl. 285—145.
- Davis, Elwood R., to Harrington & Richardson, Inc. Circular saw blade sharpening device. 2,770,152, 11-13-56, Cl. 76—36.
- Davis, Erwin S., to Weston Electrical Instrument Corp. Marker signal generator. 2,766,381, 10-9-56, Cl. 250—36.
- Davis, Floyd E., to United States Steel Corp. Apparatus for mixing fluids. 2,739,884, 3-27-56, Cl. 48—180.
- Davis, Floyd L., Air conditioner for vehicles. 2,767,638, 10-23-56, Cl. 98—2.
- Davis, Ford C., Methods and apparatus for forming welded joints in heat-fusible plastic material. 2,759,524, 8-21-56, Cl. 154—42.
- Davis, Frank F., and S. G. Richmond, to E. J. Longyear Co. Bit. 2,729,427, 1-3-56, Cl. 255—72.
- Davis, Frank L., *See*—  
Townsend, Rex, and Davis. 2,756,021.
- Davis, Frank L., to Davis Aircraft Products Inc. Slide buckle. 2,743,497, 5-8-56, Cl. 24—196.
- Davis, Fred, *See*—  
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- Davis, Fred, W. B. Penn, and D. W. Puffer, to General Electric Co. Weld backings and method of welding by use of same. 2,743,515, 5-1-56, Cl. 29—491.
- Davis, Frederick L., Drives for vehicle engine cooling fans. 2,762,482, 9-11-56, Cl. 192—104.
- Davis & Furber Machine Co., *See*—  
Bussiere, Louis. 2,737,008.
- Davis & Geck, Inc., *See*—  
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- Banks, Reginald M., 2,742,148.
- Davis, George, to Clark Equipment Co. Friction disc with removable lining. 2,767,817, 10-23-56, Cl. 192—107.
- Davis, George H., *See*—  
Grzenkowski, Alfred E., and Davis. 2,765,817.
- Davis, George T., *See*—  
Tutt, Richard D., and Davis. 2,736,255.
- Davis, George V., and D. H. Le Gear, to Dr. L. D. Legear Medicine Co. Oil of chenopodium compositions and method of preparing. 2,742,894, 4-17-56, Cl. 167—53.
- Davis, Goodwin J., Altitude switch. 2,773,957, 12-11-56, Cl. 200—81.
- Davis, Gordon D., *See*—  
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- Davis, Harlan L., to Stumbitz-Greene Spring Corp. Seat back spring. 2,754,892, 7-17-56, Cl. 155—179.
- Davis, Harold D., *See*—  
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- Davis, Harold E., *See*—  
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- Davis, Harry, and S. Rosenberg, FM long range navigation system. 2,754,512, 7-10-56, Cl. 343—104.
- Davis, Harry W., Apparatus and method for raising submerged vessels. 2,768,601, 10-30-56, Cl. 114—54.
- Davis, Lawrence N., and W. H. Wannamaker, Jr., to Minneapolis-Honeywell Regulator Co. Rebalancing measuring apparatus. 2,756,376, 7-24-56, Cl. 318—29.
- Davis, Henry R., Jr., *See*—  
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- Davis, Joseph W., *See*—  
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- Dunn, Thomas J., and Davis. 2,734,020.
- Davis, Homer J., and T. M. Keller, Power actuated connection facilitating hitch. 2,753,192, 7-3-56, Cl. 280—477.
- Davis, Horace R., to The M. W. Kellogg Co. Process for dehalogenation of organic compounds. 2,742,510, 4-17-56, Cl. 280—653.
- Davis, Howard B., Double bunk bed. 2,733,451, 2-7-56, Cl. 5—8.
- Davis, Hyman R., to The Lummus Co. Clay contacting or lubricating oil. 2,751,336, 6-19-56, Cl. 196—147.
- Davis, James, *See*—  
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- Davis, James B., Surgical instrument. 2,758,601, 8-14-56, Cl. 128—309.
- Davis, James E., Switch operating mechanism. 2,749,415, 6-5-56, Cl. 200—167.
- Davis, James N., to Sylvania Electric Products Inc. Pulse time modulated system. 2,730,696, 1-10-56, Cl. 340—182.
- Davis, Jerome I., to P. R. Mallory & Co., Inc. Hermetically sealed flashlight. 2,729,740, 1-3-56, Cl. 240—10.66.
- Davis, John H., to the United States of America as represented by the Secretary of Commerce. Method for restoring original appearance of impregnated leather by dissolving the impregnant on the surface of the leather. 2,766,134, 10-9-56, Cl. 117—11.
- Davis, John V., *See*—  
Daniel, Clarence W., and Davis. 2,757,424.
- Davis, John V., to The Udylyte Corp. Work treating apparatus with tilting work-supporting rail. 2,741,252, 4-10-56, Cl. 134—76.
- Davis, John V., to The Udylyte Corp. Loading and unloading apparatus. 2,750,897, 6-19-56, Cl. 104—96.
- Davis, Lawrence N., Adjustable counterbalanced fluid pressure responsive dampers. 2,760,517, 8-28-56, Cl. 137—527.8.
- Davis, Lewis B., and J. B. Paulsen, to Read Standard Corp. Sanitary flour handling system. 2,744,620, 5-8-56, Cl. 198—213.
- Davis, Lewis M., to Sealed Power Corp. Oil flow restricting control device. 2,729,306, 1-3-56, Cl. 184—6.
- Davis, Lincoln K., to The Foxboro Co. Flexible liquid dispensing container having a removable spout assembly and filter. 2,744,661, 5-8-56, Cl. 222—189.
- Davis, Louis,  $\frac{1}{4}$  to R. H. Hostutler and  $\frac{1}{4}$  to F. A. Williams. Hydraulically operated pulling tool. 2,732,901, 1-31-56, Cl. 166—98.
- Davis, Louis E., F. Stube, and G. A. Knapp, to R. E. Dietz Co. Vehicle signal light. 2,738,414, 3-13-56, Cl. 240—8.22.
- Davis, Margaret R., Putting hole. 2,742,293, 4-17-56, Cl. 273—177.
- Davis, Loyd C., Cultivator tool. 2,734,440, 2-14-56, Cl. 97—168.
- Davis, Lyle, Disc cutter for removing linoleum from floors. 2,738,966, 3-20-56, Cl. 262—19.
- Davis, Margaret R., Dispensing bottle cap. 2,738,090, 3-13-56, Cl. 215—51.
- Davis, Marian I., *See*—  
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- Davis, Maurice C., and L. K. McIntyre, Mobile camera mount. 2,749,396, 5-22-56, Cl. 104—75.
- Davis, Melvin C., Pipe holding and packing slip. 2,733,938, 2-7-56, Cl. 285—22.
- Davis, Melvin C., Oil well tubing head. 2,772,849, 12-4-56, Cl. 251—194.
- Davis, Michael, to Crescent Products Co. Flexible travel bag with stiffening means. 2,740,506, 4-3-56, Cl. 190—13.
- Davis, Nelson L., Method of and apparatus for sink and float separation of fine coal and the like. 2,760,633, 8-28-56, Cl. 209—172.5.
- Davis, Noel, to Harris-Seybold Co. Automatic vibrator roll. 2,745,343, 5-15-56, Cl. 101—348.
- Davis, Oliver F., *See*—  
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- Belitz, Hans G., and Davis. 2,763,576.
- Davis, Orris L., *See*—  
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- Davis Press Pad Co.: See—  
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- Davis, Ralph A.: See—  
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Ruh, Robert P., and Davis, 2,749,375.
- Davis, Ralph P., to Link-Belt Co. Mold forming apparatus. 2,769,217, 1-6-56, Cl. 22-21.
- Davis, Raymond C., J. H. Overweil, and M. S. Millhouse, to General Motors Corp. Method of forming an ornamental plastic article. 2,731,672, 1-24-56, Cl. 18-59.
- Davis, Raymond C.,  $\frac{1}{2}$  to L. H. Folland. Overload coil spring. 2,746,764, 5-22-56, Cl. 280-124.
- Davis, Raymond V.: See—  
Cushing, Ira B., and Davis, 2,753,279.
- Davis, Reuel L., Jr., and F. W. Newman, to General Electric Co. Annunciator system. 2,772,408, 11-27-56, Cl. 340-220.
- Davis, Richard E., and M. E. Grant, to The Oilgear Co. Hydraulic drive for winding machine. 2,764,363, 9-25-56, Cl. 242-75.
- Davis, Robert B. Injecting and tamping tool. 2,761,305, 9-4-56, Cl. 72-128.
- Davis, Robert E.: See—  
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- Davis, Robert K., and E. C. Dudek, to Portable Electric Tools, Inc. Combination carrying case and saw table. 2,759,507, 8-21-56, Cl. 144-285.
- Davis, Roy C., to The Guilberson Corp. Fluid lift apparatus. 2,748,792, 6-5-56, Cl. 137-131.
- Davis, Sidney, to American Bosch Arms Corp. Electro-mechanical computing circuits. 2,750,545, 6-12-56, Cl. 318-19.
- Davis, Sidney H.: See—  
Slobod, Robert L., and Davis, 2,749,748.
- Davis, Stanford E.: See—  
Aquilone, Charles A., and Davis, 2,768,361.
- Davis, Stuart, Ltd.: See—  
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- Davis, Thomas E.: See—  
Faulner, Hugh B. Jr., Davis, and Feindel, 2,754,796.  
Davis, Thomas E., and G. P. Feindel, to Rock Hill Printing & Finishing Co. Design coloring apparatus for textile fabrics and the like. 2,765,766, 10-9-56, Cl. 118-204.
- Davis Tool & Engineering Co.: See—  
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Brown, Lowell R., and Kelly, 2,775,760.
- Davis, Vincent C., to California Research Corp. Water-in-oil detector. 2,772,393, 11-27-56, Cl. 324-40.
- Davis, Wallace L.: See—  
Sieber, Edward J., Jr., and Davis, 2,731,774.
- Davis, Walter C., to The Sharples Corp. Process for the separation of sodium sulfate from an intermixture of crystals of sodium sulfate and sodium chloride. 2,753,242, 7-3-56, Cl. 23-25.
- Davis, Walter M., Sr. Curve cutting and work guiding apparatus. 2,754,858, 7-17-56, Cl. 143-171.
- Davis, Walter T., to Wheeling Stamping Co. Machine for applying screw closures to collapsible tubes. 2,762,544, 9-11-56, Cl. 226-88.
- Davis, William F., to R. Hoe & Co., Inc. Inking mechanism for printing machines. 2,730,947, 1-17-56, Cl. 101-366.
- Davis, William G., Jr., to Anderson, Clayton & Co. Delineter. 2,738,553, 3-20-56, Cl. 19-41.
- Davis, William J., and R. B. Koch, to Polymer Corp. Equipment for making elongated shapes from polyamides. 2,736,057, 2-28-56, Cl. 18-12.
- Davis, William L., to Hathaway Instrument Co. Shorting switch. 2,735,917, 2-21-56, Cl. 200-158.
- Davis, William L. Wall ventilator. 2,738,558, 3-20-56, Cl. 20-62.
- Davis, William R., to The Kell-Strom Tool Co., Inc. Hydraulically controlled reversible ratchet wrench. 2,729,997, 1-10-56, Cl. 81-60.
- Davis, William R., to Pittsburgh Coke & Chemical Co. Low volatility herbicidal compositions. 2,731,339, 1-17-56, Cl. 71-26.
- Davis, William V. Removable pouring lip for paint cans and the like. 2,765,966, 10-9-56, Cl. 222-570.
- Davis, William W. Square wave pulse generator. 2,741,698, 4-10-56, Cl. 250-27.
- Davis, William W., and T. V. Parke, to Eli Lilly and Co. Electrophoretic microcell. 2,748,074, 5-29-56, Cl. 204-299.
- Davison, Alan: See—  
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- Davison, Clarence M.: See—  
Schulze, Richard B., Hessler, Davison, and Winter, 2,754,786.
- Davison, Frank D., to I. R. Goshaw. Air conditioner. 2,769,020, 11-6-56, Cl. 257-9.
- Davison, Robert T. B., W. J. Gordon, and C. S. Marden, to Arthro, & Little, Inc. Rotatable multiple tool support. 2,743,746, 5-1-56, Cl. 144-1.
- Davison, Jacob W.: See—  
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- Davol Rubber Co.: See—  
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- Davy, John C.: See—  
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- Davy and United Engineering Co. Ltd.: See—  
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- Dawe, Allen S., to J. O. Ross Engineering Corp. Heat-treating frangible glass articles. 2,754,628, 7-17-56, Cl. 49-47.
- Dawidowicz, Albin L. Paint brush wiper. 2,767,880, 10-1-56, Cl. 220-90.
- Dawkins, Kenneth, and E. J. Peterson, to Franklin Mfg. Co., Inc. Battery charger for a plurality of sets of series connected batteries. 2,772,385, 11-27-56, Cl. 320-18.
- Dawley, Morgan W., to Chrysler Corp. Brake cooling device. 2,761,530, 9-4-56, Cl. 188-564.
- Dawson, J. E., R. R. Umhoefer, and C. K. Muehlhauser, to Food Machinery and Chemical Corp. Auto-oxidation of alkylated anthraquinones. 2,768,065, 10-23-56, Cl. 23-207.
- Dawsey, Lynn H., and R. R. Umhoefer, to Food Machinery and Chemical Corp. Manufacture of hydrogen peroxide. 2,768,066, 10-23-56, Cl. 23-207.
- Dawson, Axel G. Metal sills. 2,734,602, 2-14-56, Cl. 189-75.
- Dawson, Charles E. Bed lift. 2,747,203, 5-29-56, Cl. 5-69.
- Dawson, Fred: See—  
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- Dawson, John P.: See—  
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- Dawson, Edward W., to A. V. Roe Canada Ltd. Reciprocating and rotating blade polisher. 2,734,316, 2-14-56, Cl. 51-19.
- Dawson, Gilbert H.: See—  
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- Dawson, John H., and E. M. Ervin. Taping machine. 2,743,562, 5-1-56, Cl. 53-77.
- Dawson, John W., to Kaytheon Mfg. Co. Input power regulators. 2,736,382, 10-9-56, Cl. 250-36.
- Dawson, John W., and R. C. Ingraham, to Sylvania Electric Products Inc. Apparatus for evacuating and sealing. 2,768,490, 10-30-56, Cl. 53-101.
- Dawson, Leslie H., to Marconi's Wireless Telegraph Co., Ltd. Frequency modulated radar system. 2,730,712, 1-10-56, Cl. 43-14.
- Dawson, Lewis C.: See—  
Morway, Arnold J., and Dawson, 2,745,810.
- Dawson, Oliver H. P., to Esso Research and Engineering Co. Revivification of spent contact clay with N-dialiphatic formamide. 2,742,409, 4-17-56, Cl. 196-147.
- Dawson, Orle, to The Celastic Corp. Polymerization by dielectric heating using inorganic salts as heating assistants. 2,730,481, 1-10-56, Cl. 154-126.5.
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- Day, Carl L.: See—  
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Pahl, Leo F., Fauth, and Day, 2,761,606.
- Day, Carl L., and R. H. Brebeck, to Crown Cork & Seal Co., Inc. Article feeding mechanism. 2,730,226, 1-10-56, Cl. 198-34.
- Day, Carl L., and F. E. Fauth, to Crown Cork & Seal Co., Inc. Container sealing apparatus. 2,734,672, 2-14-56, Cl. 226-88.
- Day, Carl L., and W. D. Regnier, to Crown Cork & Seal Co., Inc. Water deaerating and carbonating system. 2,743,091, 4-24-56, Cl. 261-11.
- Day, Carl L., and L. F. Pahl, to Crown Cork & Seal Co., Inc. Filling nozzle for apparatus for filling containers with liquid. 2,748,663, 5-22-56, Cl. 226-116.
- Day, Carl L., and R. C. Albrecht, to Crown Cork & Seal Co., Inc. Liquid deaerator. 2,748,885, 6-5-56, Cl. 183-25.
- Day, Carl L., and F. E. Fauth, to Crown Cork & Seal Co., Inc. Combiner for container conveyor mechanism. 2,753,975, 7-10-56, Cl. 198-32.
- Day, Carl L., R. C. Albrecht, and F. E. Fauth, to Crown Cork & Seal Co., Inc. Method and apparatus for sealing containers. 2,763,107, 9-18-56, Cl. 53-7.
- Day, Carl L., and F. E. Fauth, to Crown Cork & Seal Co., Inc. Method and apparatus for sealing containers. 2,768,487, 10-30-56, Cl. 53-11.

- Day, Carl L., and F. E. Fauth, to Crown Cork & Seal Co., Inc. Headspacer. 2,768,656, 10-30-56, Cl. 141-80.
- Day, Carl L., and F. E. Fauth, to Crown Cork & Seal Co., Inc. Container actuated divider. 2,770,348, 11-13-56, Cl. 198-31.
- Day, Chauncey C.: *See—*
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- Day, Doyle. Automatic parking brake for motor vehicles. 2,750,010, 6-12-56, Cl. 188-109.
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- Rainbow, Horace S., Paul, and Day. 2,744,680.
- Day, George A., and E. F. Penn, to Brown Co. Chlorine dioxide production. 2,736,636, 2-28-56, Cl. 23-152.
- Day, Harry E., to Delta Welder Corp. Piston rod oiling system. 2,758,674, 3-14-56, Cl. 184-24.
- Day, Herbert O., deceased (H. A. James, executor), and E. Y. Roberts, to L. A. Young Spring & Wire Corp. Motor-driven agricultural hoe. 2,765,719, 10-9-56, Cl. 97-40.
- Day, Howard L. Power steering apparatus of the hydraulic type. 2,765,042, 10-2-56, Cl. 180-79.2.
- Day, Leonard, Compagnie Generale de Telegraphie Sans Fil. Ceramic dielectric of high specific inductive capacity. 2,739,900, 3-27-56, Cl. 106-39.
- Day, Jean, and M. Calis, to Compagnie Generale de Telegraphie Sans Fil. Ceramic dielectric and process of preparing it. 2,730,450, 1-10-56, Cl. 106-39.
- Day, John E. Control device for manually operated oil burners. 2,733,756, 2-7-56, Cl. 158-28.
- Day, Joseph, and K. W. G. Frederick. Sliding sash windows. 2,766,492, 10-16-56, Cl. 20-52.
- Day, Lawrence, J. Dobrick, and A. Kay, to Spiltfire Tool Co. Lapping machine. 2,740,222, 4-3-56, Cl. 51-133.
- Day, Luther V., to E. O. Warren. Sod cutter. 2,760,425, 8-28-56, Cl. 97-226.
- Day, Robert E., to Solar Aircraft Co. Afterburner controls. 2,737,016, 3-6-56, Cl. 60-35.6.
- Day, Robert L., to H. L. Williams. Automatic file-sharpening machine. 2,729,921, 1-10-56, Cl. 51-96.
- Day, Stewart T., 51% to W. E. Shields, Jr. Article orienting means. 2,748,914, 6-5-56, Cl. 193-43.
- Day, Stewart T., 51% to W. E. Shields, Jr. Container closing mechanism. 2,769,292, 11-6-56, Cl. 53-314.
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- Argentieri, Peter A., Daninirsch, and Day. 2,749,831.
- Dayen, William R., and K. M. Christensen, to Hygrade Food Products Corp. Method of rendering animal fats. 2,745,856, 5-15-56, Cl. 260-42.6.
- Dayger, Jonas E., and G. F. Janaushek, to International Business Machines Corp. Accumulating device. 2,738,130, 3-13-56, Cl. 235-61.6.
- Dayhoff, George W. Hasp fastener. 2,734,763, 2-14-56, Cl. 292-285.
- Daystrom Electric Corp.: *See—*
- Steed, Edgar L. 2,730,369.
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- Dayton, Benjamin B., to Consolidated Aerodynamics Corp. Liquid seals. 2,771,900, 11-27-56, Cl. 137-251.
- Dayton, Charles S., to West Virginia Pulp and Paper Co. Paper trimmer having automatic table slot closer. 2,760,571, 8-28-56, Cl. 164-59.
- Dayton, Edward R.: *See—*
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- Dayton, Ernest L. Hydraulic valve tappet. 2,754,811, 7-17-56, Cl. 125-90.
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- Dazeby, Mitchell H., to the United States of America as represented by the United States Atomic Energy Commission. Method of measuring  $Q$ . 2,774,937, 12-18-56, Cl. 324-58.
- Dazzi, Joachim, to Monsanto Chemical Co. Adducts. 2,745,844, 5-15-56, Cl. 260-346.8.
- Dazzi, Joachim, to Monsanto Chemical Co. Epoxidized acyl ricinoleates. 2,745,846, 5-15-56, Cl. 260-348.
- Dazzi, Joachim, to Monsanto Chemical Co. Preventing color formation in sulfonyl halides. 2,749,365, 6-5-56, Cl. 260-543.
- Dazzi, Joachim, to Monsanto Chemical Co. Plasticized polyvinyl chloride polymer. 2,757,151, 7-31-56, Cl. 260-23.
- Dazzi, Joachim, to Monsanto Chemical Co. Plasticizing polyamides with N-alkyl alkanesulfonamides. 2,757,156, 7-31-56, Cl. 260-30.8.
- Dazzi, Joachim, to Monsanto Chemical Co. Tris(tetrahydrofurfuryl) 1',2'-dicarboxy ethyloctadecenoate. 2,757,180, 7-31-56, Cl. 260-347.4.
- Dazzi, Joachim, to Monsanto Chemical Co. Polycarboxylates. 2,757,187, 7-31-56, Cl. 260-404.8.
- Dazzi, Joachim, to Monsanto Chemical Co. Polycarboxylates. 2,757,188, 7-31-56, Cl. 260-404.8.
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- D'Azze, Errol P. Canopy assembly units. 2,752,992, 7-3-56, Cl. 160-77.
- D'Azze, Errol P. Awning box lid operating mechanism. 2,755,082, 7-17-56, Cl. 268-74.
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- De Goede, Barend. 2,729,563.
- Steiner, Abraham A. 2,747,331.
- De Nederlandse Organisatie voor Toegepast-Natuurwetenschappelijk Onderzoek Ten Belisoeve Van Nijverheid, Handel en Verkeer: *See—*
- Germans, Fedde H., and Voort. 2,752,782.
- De Staat der Nederlanden, Ten Deze Vertegenwoordigd Door de Directeur-Generaal der Posten, Telegrafie en Telefonie: *See—*
- Rosten, Leendert. 2,767,315.
- Oberman, Roelof M. M. 2,731,514.
- Oberman, Roelof M. M. 2,741,663.
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- Deadman, Lionel L. P., to Ashe Laboratories Ltd. Preparation of hair treating compositions in solid form. 2,751,327, 6-19-56, Cl. 167-87.1.
- Deady, Emmett F.: *See—*
- Blake, James C., Deady, and Haske. 2,763,274.
- Deahl, Robert H.: *See—*
- Hurlburt, Charles E., and Deahl. 2,773,985.
- Deakin, Cyril R. Lubricating means. 2,732,916, 1-31-56, Cl. 184-14.
- Deakin, Thomas M. Drawing apparatus. 2,746,152, 5-22-56, Cl. 35-18.
- Deakin, Thomas M. Machine for forming or measuring bevel gear teeth. 2,758,513, 8-14-56, Cl. 90-3.
- Deakins, Thomas A.: *See—*
- Lasater, John A., and Deakins. 2,752,646.
- Lasater, John A., and Deakins. 2,767,865.
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- Deal, Carl H., Jr.: *See—*
- Nixon, Alan C., and Deal. 2,768,220.
- Nixon, Alan C., and Deal. 2,768,222.
- Dealers Tire Service, Inc.: *See—*
- Harrison, John O. 2,770,279.
- Dealers Transit, Inc.: *See—*
- Mettrdal, Donald, Jr. 2,750,225.
- Dean, Albert G.: *See—*
- Dean, Walter B., and A. G. 2,735,714.
- Dean, Albert G., to The Budd Co. Draft gear with swivel coupler. 2,743,735, 5-1-56, Cl. 213-46.
- Dean, Albert G., to The Budd Co. Safety support for truck-mounted articles. 2,771,039, 11-20-56, Cl. 105-217.
- Dean, Albert G. and W. B., to The Budd Co. Mounting for generator on railway car truck. 2,743,680, 5-1-56, Cl. 105-106.
- Dean, Albert G., L. F. Reynolds, and E. M. Callender, to The Budd Co. Thermal conditioning and ventilating means and method. 2,760,725, 8-28-56, Cl. 237-5.
- Dean, Arnold W.: *See—*
- Chapman, Otto C., and Dean. 2,766,883.
- Dean, Ballard N., Jr. Fishing lure. 2,756,535, 7-31-56, Cl. 43-42.8.
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- Dean, Hiram M. Pocket hygrometer. 2,739,479, 3-27-56, Cl. 75-237.
- Dean, John A.: *See—*
- Dean, John A. Spraying device. 2,749,177, 6-5-56, Cl. 299-84.
- Dean, John C.: *See—*
- Corbin, Harold E., and Dean. 2,743,179.
- Dean, Peter P. Overload protection for electric motor worm drive. 2,773,797, 9-18-56, Cl. 310-68.
- Dean, Reginald S. Method of making electrolytic chromium. 2,771,414, 11-20-56, Cl. 204-105.
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- Dean, Robert C. to Industrial Systems, Inc. Fuel burner. 2,767,784, 10-23-56, Cl. 158-99.
- Dean, Ronald A.: *See*—  
Birch, Stanley F., Cullum, and Dean. 2,771,402.
- Dean, Walter B.: *See*—  
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- Dean, Walter B. to The Budd Co. Sanding nozzle for wheeled vehicles. 2,743,952, 5-1-56, Cl. 291-46.
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- Dean, Walter E. to J. D. Robertson. Method and apparatus for twist detection and detwister control. 2,759,324, 8-21-56, Cl. 2-56, Cl. 128-39.
- Deane, Gerald N. Apparatus for freezing, cooling beverages or comestibles. 2,744,391, 5-8-56, Cl. 62-99.
- Deane, Roger E. Animal trap. 2,736,984, 3-6-56, Cl. 43-61.
- Deane, William V. Drinking device for hospital patients. 2,756,740, 7-31-56, Cl. 128-39.
- De Angelis, Angelo C. to The Winsted Hardware Mfg. Co. Folding electric sadiron. 2,765,550, 10-9-56, Cl. 38-92.
- De Angelis, Armand: *See*—  
Schumacher, Elmer L. and De Angelis. 2,731,882.
- De Angelis, Armand to American Optical Co. Ophthalmic measurements. 2,730,924, 1-17-56, Cl. 88-41.
- De Angelis, George R.: *See*—  
Antos, Maximilian J., De Angelis, and Towle. 2,742,611.
- De Angelis, Joseph: *See*—  
Mele, Joseph E. and De Angelis. 2,738,250.
- De Anguera, Phil. Single stroke pin or nail driver. 2,765,463, 10-9-56, Cl. 144-4.
- Deans, Frederick E. to The Bentley Engineering Co. Ltd. Knitting machine of the opposed needle cylinder type. 2,745,269, 5-15-56, Cl. 66-14.
- Deans, Frederick E., C. H. Wainwright, and T. L. Mountain, to The Bentley Engineering Co. Ltd. Patterning mechanism for knitting machines. 2,754,668, 7-17-56, Cl. 66-14.
- Deans, Frederick E., and C. H. Wainwright, to The Bentley Engineering Co. Ltd. Selecting mechanism of circular knitting machines. 2,755,645, 7-24-56, Cl. 66-14.
- Dear, George C. Self-actuating means for internal expanding brakes. 2,740,499, 4-3-56, Cl. 188-79.5.
- Dear, Robert W., to Focal Press Ltd. Display devices for books, magazines, or leaflets. 2,762,159, 9-11-56, Cl. 45-81.
- Dearborn Chemical Co.: *See*—  
Gunderson, Lewis O. and Denman. 2,767,106.
- Mellick, Charles. 2,767,178.
- Dearborn Fabricating & Engineering Co.: *See*—  
Daigle, Leo T. 2,759,592.
- Daigle, Leo T. 2,765,068.
- Dearden, Frederick H. Synthetic sterol esters containing sulfur. 2,729,634, 1-3-56, Cl. 280-239.5.
- Dearden, Brian B. to C. H. Johnson (Machinery) Ltd. Concrete vibrators. 2,771,279, 11-20-56, Cl. 259-1.
- Deardorff, Clinton E., and D. Z. Erle, to Bendix Aviation Corp. Piston-sealing structure. 2,753,892, 7-10-56, Cl. 138-31.
- Deardorff, Ralph W. Active frequency selective filter network using double frequency conversion. 2,772,350, 11-27-56, Cl. 250-20.
- Dearing, Rogers K.: *See*—  
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- De Arment, John E. to Beaver Cable Dolly Corp. Cable reel dolly and lifting apparatus. 2,775,357, 12-25-56, Cl. 214-390.
- De Ascentis, Gaetano. Draft control for furnaces. 2,735,385, 2-21-56, Cl. 110-163.
- Deason, Orville J. Plaster scarifying and removing device. 2,745,653, 5-15-56, Cl. 262-26.
- Deasy, John F. Missile and target device therefor. 2,770,460, 11-13-56, Cl. 273-102.
- De Atley, Lindsey S., E. T. Upton, and J. D. Howland, to Thompson-Hayward Chemical Co. Low volatile herbicidal compositions. 2,771,477, 11-20-56, Cl. 260-404.
- Deaton, Charles U. to Diebold, Inc. Vault doors for banks and business institutions. 2,771,402, 11-20-56, Cl. 109-64.
- De Back, William, to Food Machinery and Chemical Corp. Feed mechanism for carton forming machines and the like. 2,765,285, 4-17-56, Cl. 27-39.
- De Back, William, S. Puccinelli, and R. A. McCloud, to Food Machinery and Chemical Corp. Apparatus for and method of feeding pears. 2,738,819, 3-20-56, Cl. 146-224.
- De Back, William, and S. A. Menecacci, to Food Machinery and Chemical Corp. Pinnacle sizer having compressed air electric means. 2,765,829, 10-9-56, Cl. 146-6.
- De Barbieris, Irvin H.: *See*—  
Baril, Albert, Jr., and De Barbieris. 2,731,263.
- Debarre, Francois: *See*—  
Galliot, Paul, and Debarre. 2,744,912.
- De Bartholomae, Effort: *See*—  
De Nora, Vittorio, and De Bartholomae. 2,750,263.
- De Nora, Vittorio, and De Bartholomae. 2,750,429.
- De Bastos, Emil N., and A. W. Weller, to Resina Automatic Machinery Co. Inc. Container capping machine. 2,732,991, 1-31-56, Cl. 226-88.
- De Baun, John E. Dosage administering bottle. 2,732,104, 1-24-56, Cl. 222-335.
- De Baun, John E. Pencil holder. 2,759,453, 8-21-56, Cl. 120-9.
- De Baubien, William J.: *See*—  
Torley, Frederick G., and De Baubien. 2,751,469.
- De Beer, Robert H.: *See*—  
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- De Benneville, Peter L.: *See*—  
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- De Benneville, Peter L., to Rohm & Haas Co. New cyanamino-nitriles. 2,743,291, 4-24-56, Cl. 260-465.5.
- De Benneville, Peter L., to Rohm & Haas Co. N-tert-alkyl-aminoalkyl esters. 2,744,884, 5-3-56, Cl. 260-78.5.
- De Benneville, Peter L., and H. J. Sims, to Rohm & Haas Co. Aminoalkyl esters. 2,744,885, 5-3-56, Cl. 260-78.5.
- De Benneville, Peter L., and L. J. Exner, to Rohm & Haas Co. Tert-butylcyanomethyl cyanamide and process of killing thrips therewith. 2,765,253, 10-2-56, Cl. 67-22.
- De Benneville, Peter L., and L. J. Exner, to Rohm & Haas Co. Preparation of bisamides. 2,765,337, 10-2-56, Cl. 260-561.
- De Benneville, Peter L., and M. J. Hurwitz, to Rohm & Haas Co. Organo-silicon compounds and methods for making them. 2,775,605, 12-25-56, Cl. 260-448.2.
- De Berncastle, Eugene J. M.: *See*—  
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- De Bo, Maurice S.: *See*—  
Kaeser, Samuel W., and De Bo. 2,756,042.
- De Bodor, Paul, to Apex Products Corp. Shopping reminder. 2,751,878, 6-26-56, Cl. 116-135.
- De Boer, Floris: *See*—  
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- De Boer, Jan H., and P. G. Meerman, to Stamicarbon, N. V. Process of effecting exothermal chemical reactions between difficultly miscible liquids. 2,743,289, 4-24-56, Cl. 260-417.
- De Boer, Johannes B., to Hartford National Bank and Trust Co., as trustee. Air field ground light. 2,762,905, 9-11-56, Cl. 240-1.2.
- De Boer, John H., Marine Midland Trust Co. of Central New York, and B. E. Shove, executors, to De Boer Mfg. Co., Inc. Short rails for Hollywood beds. 2,756,442, 7-31-56, Cl. 5-287.
- De Boer Mfg. Co., Inc.: *See*—  
De Boer, John H. 2,756,442.
- De Boer, Sjoerd, and J. T. Winkel, to Hartford National Bank and Trust Co., as trustee. Negative feed-back amplifier. 2,760,009, 8-21-56, Cl. 179-171.
- De Boishlanc, Deslonde R., to Phillips Petroleum Co. Circuit for measuring the average intensity of disturbances. 2,750,896, 1-1-56, Cl. 73-1.
- De Boishlanc, Deslonde R., to Phillips Petroleum Co. Velocity type flowmeter. 2,741,918, 4-17-56, Cl. 73-194.
- De Boishlanc, Deslonde R., to Phillips Petroleum Co. Temperature measurement and override control for turbojet engines. 2,742,756, 4-24-56, Cl. 60-35.6.
- De Boishlanc, Deslonde R., to Phillips Petroleum Co. Pressure balance indicator. 2,769,341, 11-4-56, Cl. 73-398.
- De Bonis, Lucian J.: *See*—  
Marra, Maria V., and De Bonis. 2,743,953.
- De Botton, Robert J. B. Indexed carrier for blood specimens. 2,758,872, 3-20-56, Cl. 206-72.
- De Bourguignon, Francois E.: *See*—  
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- Debrrie, André V. L. C. Device for alternately projecting cinematographic films of two different sizes. 2,757,572, 8-7-56, Cl. 88-24.
- De Brock, Robert F., to Owens-Illinois Glass Co. Combined sealing ring and pour-out fitting. 2,736,447, 2-28-56, Cl. 215-40.
- De Bruin, Paulus H.: *See*—  
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- De Bruin, Paulus H., to Stamicarbon N. V. Manufacture of acrylonitrile. 2,729,670, 1-3-56, Cl. 260-465.9.
- De Brye, Jacques, to Union Francaise Commerciale et Industrielle. Compositions for the dyeing of hair. 2,733,186, 1-31-56, Cl. 167-88.
- Debs, Jerome H., to Chicago Metallic Mfg. Co. Multiple baking pan assembly. 2,746,625, 5-22-56, Cl. 220-23.2.
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- De Buhr, Harold E.: *See*—  
Newmaster, Walter H., and De Buhr. 2,766,684.
- Debus, Louis, to E. I. du Pont de Nemours & Co. Anti-shock device for circuit breakers, switches, or the like apparatus. 2,764,036, 9-25-56, Cl. 74-527.
- Debut, Louis, to Etablissements Merlin & Gerin. Interrupter for high current intensity. 2,764,652, 9-25-56, Cl. 200-146.
- De-Burzer, Inc.: *See*—  
Kissner, Lawrence M., Chapel, and J. E. and F. C. Leitch. 2,767,511.
- De Buck, Ralph E., to Eastman Kodak Co. Oxo synthesis in the presence of activated carbon. 2,743,298, 4-24-56, Cl. 260-604.
- De Camillis, Amlecare. Colostomy devices. 2,746,456, 5-22-56, Cl. 128-283.
- De Caro, Charles J.: *See*—  
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- De Caussemaker, Paul, H. A. Thornburg, and G. J. Boffardi, to United States Rubber Co. Apparatus for curing frothed latex. 2,767,433, 10-23-56, Cl. 18-39.
- Decca Record Co. Ltd., The: *See*—  
Ridgers, Charles E. S. 2,764,730.
- Roberts, Graham E., and Copping. 2,769,977.

- De Colles, Joseph L., to Trans World Airlines, Inc. Altimeter glidescope for distance measuring equipment. 2,732,538, 1-24-56, Cl. 340-26.
- Deeelo-Chute Corp.: *See*—  
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- De Cesaris, Fred. Compass. 2,764,816, 10-2-56, Cl. 33-27.
- De Chambrin, Pierre, to Schlumberger-Well Surveyor Corp. Methods and apparatus for determining displacement between curves. 2,754,719, 7-17-56, Cl. 88-14.
- Decker, Carl O.: *See*—  
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- Decker, Dwight M. Sportman's seat. 2,750,992, 6-19-56, Cl. 135-13.
- Decker, Elmer L., to Martin-Decker Corp. Cable tension indicator. 2,743,607, 5-1-56, Cl. 73-144.
- Decker, Frederick J. Pneumatic seat. 2,760,552, 8-28-56, Cl. 35-9.
- Decker, Karl-Heinz: *See*—  
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- Decker, Lewis M., to Ethyl Corp. Feed device for reaction vessels. 2,729,734, 1-3-56, Cl. 219-19.
- Decker, Marjorie M.: *See*—  
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- Decker, Moses O. Apparatus for vacuum-cleaning upholstery, carpets, etc. 2,757,406, 8-7-56, Cl. 15-321.
- Decker, Raymond R.: *See*—  
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- Decker, William E. Automotive vehicle headlight. 2,748,255, 5-29-56, Cl. 240-7-1.
- Decker, William H.: *See*—  
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- Campbell, Oliver F., and Decker. 2,755,782.
- Decker, Oscar R. Food processing machine. 2,735,136, 2-21-56, Cl. 17-26.
- Deckman, Gordon: *See*—  
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- Deckwa, Cecil V.: *See*—  
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- Decloux, Maurice. Textile fabric and its process of fabrication. 2,758,354, 4-14-56, Cl. 26-2.
- De Coninck, Edward H., and A. A. Flynn, to Mueller Electric Co. Electrical connection clip. 2,762,028, 9-4-56, Cl. 339-255.
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- De Croes, George C., and G. A. Akin, to Eastman Kodak Co. Manufacture of acrylonitrile from acetylene and hydrocyanic acid. 2,733,259, 1-31-56, Cl. 260-445.3.
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- Dedek, Frank G., and M. G. Schaar, to Burroughs Corp. Wrapper. 2,732,063, 1-24-56, Cl. 206-46.
- Deflen, Louis W. Can opener. 2,735,173, 2-21-56, Cl. 30-22.
- Dedo, Lewis J., to Modine Mfg. Co. Heat exchange structure. 2,752,128, 6-26-56, Cl. 257-246.
- Dedrick, Francis J., Lures. 2,740,225, 4-3-56, Cl. 43-42.34.
- Dee, Robert M., to Heyden Chemical Corp. Production of pentaerythritol chlorides. 2,763,679, 9-18-56, Cl. 260-488.
- Deebel, Robert E. Self-latching trailer hitch. 2,732,223, 1-24-56, Cl. 280-512.
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- Deedman, Alfred R., and W. G. Lambrou. Slicer having a tensioned wire cutting element. 2,730,801, 1-17-56, Cl. 30-114.
- Deeg, August: *See*—  
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- Deem, Charles M. Dusting attachment. 2,770,912, 11-20-56, Cl. 43-147.
- Deemer, Evelyn H., and H. G. Howard. Baby food dispenser. 2,743,044, 4-24-56, Cl. 222-323.
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- Deerdoff, Thomas J., to Parafraze, Inc. Paraffin removal process for oil wells. 2,770,307, 11-13-56, Cl. 166-41.
- Deere & Co.: *See*—  
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- Altgelt, Herman E. 2,756,660.
- Altgelt, Herman E. 2,769,383.
- Altgelt, Herman E. 2,775,183.
- Brown, Theophilus. 2,754,738.
- Brown, Theophilus. 2,769,641.
- Cook, Curtiss L. 2,746,371.
- Cook, Curtiss L. 2,760,284.
- Dort, Russell L. 2,729,048.
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- Foster, Jack F. 2,746,228.
- Deere & Co.: *See—Continued*  
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- Harrington, Roy E. 2,772,549.
- Harrington, Roy E. 2,772,550.
- Heitshu, Daniel C. 2,768,568.
- Hoeksema, Joe H. 2,731,969.
- De Grey, Frank H. 2,751,805.
- Immesette, Arthur J. 2,759,409.
- Johnson, Theodore W. 2,756,656.
- Knoth, Harold M. 2,741,891.
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- Krehbiel, Robert D. 2,768,564.
- Lindeman, Jesse G. 2,756,659.
- Lindeman, Jesse G. 2,760,423.
- Morrison, Charles S., and Forth. 2,756,865.
- Neighbour, Leonard B., and Lance. 2,770,375.
- Oehler, William P. 2,731,900.
- Oehler, William P., and Immesette. 2,741,494.
- Oehler, William P., and Johnson. 2,755,613.
- Oehler, William P., and Youngberg. 2,741,967.
- Oehler, William P., and Youngberg. 2,751,836.
- Oehler, William P., and Youngberg. 2,759,311.
- Oehler, William P., and Youngberg. 2,765,610.
- Oehler, William P., Youngberg, and Johnson. 2,765,609.
- Paul, Talbert W. 2,751,739.
- Silver, Walter H. 2,751,835.
- Silver, Walter H. 2,775,182.
- Silver, Walter H., and Cox. 2,760,421.
- Silver, Walter H., and Sherman. 2,747,489.
- Sorensen, Knud B., and Braet. 2,746,770.
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- Sorensen, Knud B., and Clausen. 2,763,113.
- Stone, Charles N. 2,748,682.
- Stueland, Harold M. 2,729,224.
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- Stueland, Harold M. 2,748,960.
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- Sutherland, Gall R., Gustafson, and Skromme. 2,731,995.
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- Yeandle, William W., Carter, and Purnell. 2,770,008.
- Deere, John, Killefer Co.: *See*—  
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- Deere, John, Van Brunt Co.: *See*—  
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- De Long, Vincent R., to Collins Radio Co. Impedance transformer network. 2,771,985, 11-20-56, Cl. 333-32.
- De Lorean, John Z.: See—
- Lucia, Carroll J., and De Lorean. 2,769,350.
- De Lorenzo, Anthony. Variable capacity poultry trough. 2,735,402, 2-21-56, Cl. 119-61.
- De Lorenzo, John P. Disposable package and applicator for suppositories. 2,747,574, 5-29-56, Cl. 128-261.
- Delourme-Houde, Jean M. R. A.: See—
- Fournau, Jean P. 2,736,727.
- Delp, Robert E.: See—
- Ettinger, Joe J., and Delp. 2,764,150.
- Del Papa, Torello A. Artificial teeth. 2,746,149, 5-22-56, Cl. 32-10.
- Delphi Products Co., Inc.: See—
- Haggard, John M. 2,764,129.
- McMurray, Paul H. 2,736,567.
- Del Re, Michael A., Sr. Toggle-switch locking device. 2,744,171, 5-1-56, Cl. 200-42.
- Del Re, Michael A., Sr. Automatic emergency brake release mechanism. 2,751,054, 6-19-56, Cl. 192-4.
- Del Riccio, Lorenzo: See—
- Loew, David L., Leserman, Del Riccio, and Gottfried. 2,769,029.
- Del Riccio, Lorenzo, R. M. Skeirik, R. E. Gottfried, and A. D. Hoffmann, to International Telemeter Corp. Television control system. 2,769,024, 10-30-56, Cl. 178-5.1.
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- Delruelle, Andre, to Panmetals and Processes Inc. Method and apparatus for concentrating scale-forming phosphoric acid solutions and the like. 2,747,659, 5-29-56, Cl. 159-4.
- Delruelle, Martha C. H. V.: See—
- Delruelle, Andre. Re. 2,740,510.
- Delusso, Leo P. Delayed tripping circuit. 2,760,066, 8-21-56, Cl. 250-27.
- Delta Heating Corp.: See—
- Hauke, Roy C., and Nathan. 2,737,173.
- Delta Nuclear Instrument Co.: See—
- Ertzman, William F., and Baumgarten. 2,734,109.
- Delta Trust: See—
- Luckhardt, Johannes. 2,774,412.
- Delta Welder Corp.: See—
- Day, Harry E. 2,758,674.
- De Luca, Angelo A. E. Stop motion for textile weaving machines. 2,741,274, 4-10-56, Cl. 139-336.4.
- De Luca, Frank J.: See—
- Jacobson, Moses G., Gilfert, De Luca, and Mruk. 2,769,884.
- De Luca, Joseph A., Jr., and J. J. Haviland. Disposable rain cape. 2,756,431, 7-31-56, Cl. 2-87.
- De Luca, Robert A., to Great Northern Paper Co. Pressure vessels. 2,734,824, 2-14-56, Cl. 92-7.
- De Luca, Jerry S. Means for filling grease cups on automotive vehicles. 2,772,020, 11-27-56, Cl. 222-179.
- Del Valle, Guillermo A., and A. S. Jones, to Radio Corp. of America. Sprocket shoe for film handling apparatus. 2,733,062, 1-31-56, Cl. 271-2.3.
- Delwiche, Constant C.: See—
- Stont, Perry R., and Delwiche. 2,753,463.
- De Lyle, Burton C. Typewriter-lifting device. 2,757,999, 8-7-56, Cl. 312-29.
- Demag-Elektrometallurgie G. m. b. H.: See—
- Reschke, Carl. 2,766,313.
- Demag-Zug G. m. b. H.: See—
- Kemna, Erich, and Vogel. 2,737,277.
- Demalander, Roger, to The Compagnie de Pont-A-Mousson. Filler metal piece for the welding of spheroidal graphite cast iron. 2,770,871, 11-20-56, Cl. 29-196.1.
- Demaline, Donald R. Parking device. 2,738,885, 3-20-56, Cl. 214-16.1.
- De Marchi, Arturo. Grinding device. 2,773,337, 12-11-56, Cl. 51-176.
- De Marco, Joseph J. Golf club carrier. 2,737,990, 3-13-56, Cl. 150-1.5.
- Demarest, Daniel D. Plural stage rotary drum pulverizers, with grinding plates of regular polygonal shape. 2,730,307, 1-10-56, Cl. 241-153.
- De Maria, Fred A., to Coates Board & Carton, Inc. Bottle carrier. 2,705,100, 10-2-56, Cl. 220-113.
- De Mars, Sylvester A.: See—
- Schmidt, Fred W., Jr., and De Mars. 2,767,381.
- De Marsh, Edward S.: See—
- McCully, Charles R., and De Marsh. 2,748,482.
- De Martin, Joseph. Light-transmitting awning. 2,741,000, 4-10-56, Cl. 20-57.5.
- De Martin, Joseph. Light-transmitting awning of rigid metal type and light-transmitting rigid metal panel units therefor. 2,741,001, 4-10-56, Cl. 20-57.5.
- De Martin, Joseph. Metallic awnings having adjustable louvers and lever-actuating mechanism therefor. 2,742,678, 4-24-56, Cl. 20-57.5.
- Demartres, Jean G.: See—
- Lesigne, Henri L., and Demartres. 2,747,022.
- De Masi, Rocco: See—
- Stratton, Arthur J., Carlberg, Bole, Sieve, Danziger, and De Masi. 2,745,317.
- De Matri, Stefano, to R. K. Price Associates, Inc. Automatic coupling for pipes. 2,730,382, 1-10-56, Cl. 285-97.3.
- Demay, Peter P., to Minneapolis-Honeywell Regulator Co. Control apparatus. 2,777,442, 11-13-56, Cl. 251-61.
- Demkowski, Albin G., to United Aircraft Corp. Reaction inductor alternator. 2,769,106, 10-30-56, Cl. 310-168.
- Demchok, Louis A., Sr.: See—
- Grube, Frederick J., and Demchok. 2,752,957.
- De Mear, Jack. Water treating device. 2,734,632, 2-14-56, Cl. 210-1.
- De Merre, Marcel, to Societe Generale Metallurgique de Hoboken. Separation of nickel from solutions containing nickel and cobalt. 2,757,080, 7-31-56, Cl. 75-119.
- De Mers, Francis F., to Solar Aircraft Co. Convolution forming machine. 2,773,538, 12-11-56, Cl. 153-73.
- Demeter, Geza, J. C. Johnson, and F. X. Maher, Jr., to Arwood Precision Castings Corp. Process of removing wax, plastic, and like pattern materials from thin shell molds. 2,759,232, 8-21-56, Cl. 232-196.
- Demeulenaere, Marcel A., and R. O. Automatic dial operator. 2,763,727, 9-18-56, Cl. 179-90.
- Demeulenaere, Marcel A., and R. Automatic dialing device. 2,763,728, 9-18-56, Cl. 179-90.
- Demeulenaere, Robert: See—
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- Demeulenaere, Robert O.: See—
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- Demido, Michael: See—
- Miller, Dale W., Covert, Royer, and Demido. 2,748,877.
- Deming, Charles R., to Hughes Aircraft Co. Cathode follower circuit. 2,737,547, 3-6-56, Cl. 179-171.
- Deming, Charles R., to Hughes Aircraft Co. Pulse amplifier. 2,744,169, 5-1-56, Cl. 179-171.
- Demings, Alva R. Gate latch unit. 2,759,752, 8-21-56, Cl. 292-337.
- De Mire, Haig A. Adjustable chin rest for wind instrument. 2,758,496, 8-14-56, Cl. 84-398.
- Demis, Marie L.: See—
- Killingner, John W., M. and M. C. Demis, and Payne. 2,744,356.
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- Killingner, John W., M. and M. C. Demis, and Payne. 2,744,356.
- Demler, Henry W., to Aircraft-Marine Products, Inc. Crimping device. 2,762,414, 9-11-56, Cl. 153-1.
- Demler, Henry W., and M. L. Klingler, to Aircraft-Marine Products, Inc. Crimping tool. 2,774,269, 12-18-56, Cl. 81-15.
- Demler, Ray C., to International Packaging Corp. Packaging machine. 2,737,002, 3-6-56, Cl. 53-102.
- Demme, Ernst. Process of hardening varnish coatings on leather. 2,741,566, 4-10-56, Cl. 117-62.
- De Mond, William. Hosliery. 2,734,363, 2-14-56, Cl. 66-173.
- De Montague, Jacques A. Medical apparatus for infection, insuflation, and the like. 2,771,072, 11-20-56, Cl. 128-241.
- De Montmollin, James M.: See—
- Curtis, Thomas E., and de Montmollin. 2,737,551.
- De Moss, Albert H. Cleaning machine. 2,758,462, 8-14-56, Cl. 68-142.
- De Moss, Albert H., to The American Laundry Machinery Co. Balancing means for rotating container. 2,760,383, 8-28-56, Cl. 74-573.
- De Moss, Albert H. Multiple speed drive system. 2,774,248, 12-18-56, Cl. 74-217.
- Demosthenes, Nicholas. Vehicle operated door mechanism. 2,732,200, 1-24-56, Cl. 268-58.
- Demppock, John, Jr. Jig for assembling indicia pieces on an alligning strip. 2,760,547, 8-28-56, Cl. 154-1.6.
- Dempsey, Charles D. and K. E., to Dempsey and Stanley, Inc. Cleaning apparatus. 2,746,467, 5-22-56, Cl. 134-111.



- Dempsey, John P.: *See*—  
Donaghy, William B., Stapleton, and Dempsey. 2,741,034.
- Dempsey, John T.: *See*—  
Meisinger, Richard J., and Dempsey. 2,730,404.
- Dempsey, Joseph B., to Bruger Corp. Expandable mine roof bolt having continuous wedging engagement. 2,753,750, Cl. 10-56, Cl. 15-56, Cl. 24-56.
- Dempsey, Kenneth E.: *See*—  
Dempsey, Charles D. and K. E. 2,746,467.
- Dempsey, Lloyd E. Swing stage platform. 2,741,513, 4-10-56, Cl. 304-5.
- Dempsey and Stanley, Inc.: *See*—  
Dempsey, Charles D. and K. E. 2,746,467.
- Dempster, Augustine N., and R. J. Mundy, to National Lead Co. Preparation of vapor mixtures. 2,760,938, 8-28-56, Cl. 252-372.
- Dempster Brothers, Inc.: *See*—  
Dempster, George R., and Jones. 2,751,100.
- Dempster, John S. 2,772,911.
- Jones, Harry W. 2,729,496.
- Jones, Harry W. 2,758,733.
- Jones, Harry W. 2,772,919.
- Dempster, Charles B., to American Metals Mfg. Corp. Treating solid objects. 2,772,185, 11-27-56, Cl. 117-102.
- Dempster, George R. Street sweeper. 2,737,674, 3-13-56, Cl. 15-84.
- Dempster, George R., and H. W. Jones; said Jones assor. to Dempster Brothers, Inc. Transporting and dumping equipment. 2,751,100, 6-19-56, Cl. 214-317.
- Dempster, John S., to Dempster Brothers, Inc. Enclosed containers. 2,772,911, 12-4-56, Cl. 294-69.
- Dempster Mill Mfg. Co.: *See*—  
Tangeman, Lawrence N. 2,772,617.
- De Munck, Arnoldus, to Mij tot Verwervend en Expl. van Dairtoeroenen Davy-Co. N. V. Gravity-davit. 2,742,653, 4-24-56, Cl. 9-38.
- Demuth, Charles, to Charles Demuth & Sons, Inc. Air discharging and distributing means. 2,735,352, 2-21-56, Cl. 98-40.
- Demuth, Charles, & Sons, Inc.: *See*—  
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- Denaburskv, Hyman W. Animal trap. 2,754,618, 7-17-56, Cl. 43-62.
- De Napoli, Anthony C.: *See*—  
Passow, Edward B., and De Napoli. 2,732,545.
- De Napoli, Anthony C., Jr., and F. E. Runge, to The Sound-scriber Corp. Recording and playback arm operating and setting means for dictating machines. 2,772,093, 11-27-56, Cl. 274-14.
- De Navarro, Alma J. M.: *See*—  
Jessup, Alfred C. 2,750,288.
- Den Beste, Marion, to Rayette, Inc. Foaming hair coloring compositions comprising basic dyes, and method of use. 2,763,269, 9-18-56, Cl. 132-7.
- Denby, William C. Suit box. 2,760,627, 8-28-56, Cl. 206-7.
- Dench, Edward C., to Raytheon Mfg. Co. Electron discharge device. 2,775,721, 12-25-56, Cl. 315-39.3.
- Dench, Edward C., and G. E. Dombrowski, to Raytheon Mfg. Co. Tunable magnetrons. 2,745,987, 5-15-56, Cl. 315-39.61.
- Denehile, Lawrence C., and J. F. Shafer. Corn popping machine. 2,746,356, 11-27-56, Cl. 99-288.4.
- Denekar, Joseph. Sling shot. 2,735,417, 2-21-56, Cl. 124-20.
- Den Engelsens, Johannes C.: *See*—  
Tracy, Arthur V. 2,752,583.
- Dengel, Ferdinand, to Knoll A. G. Chemische Fabriken. Method of producing aralkyl cyanides. 2,734,908, 2-14-56, Cl. 260-465.
- Dengler, Raymond J. Closure device for collapsible containers and the like. 2,746,654, 5-22-56, Cl. 222-508.
- Den Herder, Marvin J., to Standard Oil Co. Silica-magnesia catalyst having improved regeneration characteristics. 2,760,939, 8-28-56, Cl. 252-457.
- Den Hertog, Martinus, to International Standard Electric Corp. Automatic telephone switching system. 2,739,186, 3-20-56, Cl. 179-18.
- Den Hertog, Martinus, to International Standard Electric Corp. Telephone exchange equipment. 2,744,163, 5-1-56, Cl. 179-18.
- Den Hertog, Martinus, to International Standard Electric Corp. Electrical communication systems. 2,761,903, 9-4-56, Cl. 179-18.
- Den Hoog, Martinus, and C. de Zeeuw, to International Standard Electric Corp. Selection system for electrical circuits or equipments. 2,744,162, 5-1-56, Cl. 179-18.
- Denholm, George, and L. A. Nordmann, to Hugh Wood & Co. Ltd. Means for indicating faults on electrically driven conveyor systems. 2,769,973, 11-6-56, Cl. 340-267.
- Denison Engineering Co.: *See*—  
Neff, Darby B., and Adams. 2,737,928.
- Denison Engineering Co., The: *See*—  
Adams, Cecil E. 2,737,929.
- Adams, Cecil E., and Born. 2,747,606.
- Adams, Cecil E., and English. 2,762,312.
- Adams, Cecil E., and Smilges. 2,762,342.
- Bonnette, Leroy E., and Adams. 2,737,899.
- Born, Ellis H. 2,735,407.
- Hipple, George M. 2,735,405.
- Omohundro, Herschel C. 2,753,802.
- Pinsenschaum, Edwin C. 2,728,946.
- Poulos, Harry. 2,733,666.
- Renick, Wendell E. 2,737,974.
- Denison Engineering Co., The: *See*—Continued  
Shaw, Edwin L. 2,743,674.
- Shaw, Edwin L. 2,757,612.
- Shaw, Edwin L., and Born. 2,735,374.
- Stein, Henry E., Mog, and Stertzer. 2,743,604.
- Deniston, George L., to The Commonwealth Engineering Co. of Ohio. Chemically resistant cotton materials. 2,731,369, Cl. 17-56, Cl. 117-58.
- Deniston, George L., to The Commonwealth Engineering Co. of Ohio. Adhesive cotton article and method of making same. 2,746,880, 5-22-56, Cl. 117-63.
- Denit Corp.: *See*—  
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- Denker, Charles T., and J. Kmit, to Denit Corp. Shovel handle. 2,763,506, 9-18-56, Cl. 294-57.
- Denkert, Henry, to M. Denkert & Co. Baseball glove with pre-formed pocket. 2,750,594, 6-19-56, Cl. 2-19.
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- Denlinger, Orlan, to General Motors Corp. Tube cutting apparatus. 2,738,623, 3-20-56, Cl. 49-52.
- Denman, Harry B., to Detroit Gasket & Mfg. Co. Liner material for leaf spring assemblies. 2,735,813, 2-21-56, Cl. 252-12.
- Denman, Robert R., to Owens-Illinois Glass Co. Mold cooling system. 2,751,715, 6-20-56, Cl. 49-40.
- Denman, Robert R., to Owens-Illinois Glass Co. Swinging shear and spray. 2,754,627, 7-17-56, Cl. 49-14.
- Denman, Stephen A., to H. Kuppin. Racing car game. 2,750,194, 6-12-56, Cl. 273-86.
- Denman, Wayne L.: *See*—  
Gunderson, Lewis O., and Denman. 2,767,106.
- Denn, Bernard L. Tent frame. 2,757,677, 8-7-56, Cl. 135-3.
- Dennen, Frank W.: *See*—  
Deneborn, Ralph H., and Dennen. 2,745,491.
- Dennett, John, to Pilkington Brothers Ltd. Manufacture of hollow blocks of glass. 2,772,515, 12-4-56, Cl. 49-1.
- Denney, John E.: *See*—  
Crammond, Peter, and Denney. 2,774,989.
- Denney, Ray L.: *See*—  
Covert, Don N., and Denney. 2,743,119.
- Denning Co., Inc. The: *See*—  
Denning, Wade F. 2,758,041.
- Denning, J. Wayne. Slatted shelter. 2,741,874, 4-17-56, Cl. 47-28.
- Denning, Wade F., to The Denning Co., Inc. Method of cleaning floors in textile mills. 2,758,041, 8-7-56, Cl. 134-37.
- Dennis, Edwin L., to Riley Stoker Corp. Furnace for burning wet fuels. 2,754,778, 7-17-56, Cl. 110-7.
- Dennis, George W.: *See*—  
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- Dennis, George W., to Dennis and Haselton. Foaming synthetic elastomers. 2,763,475, 9-18-56, Cl. 261-36.
- Dennis, John R.: *See*—  
Barrett, Lawrence D., Jr., and Dennis. 2,775,426.
- Dennis, Spencer N.: *See*—  
Trahor, Robert J. 2,753,904.
- Dennis, Wolcott, to Air Reduction Co., Inc. Separation of the constituents of air. 2,762,208, 9-11-56, Cl. 62-122.
- Dennison, Clifford A., to Chain Belt Co. Pulley hub. 2,749,157, 6-5-56, Cl. 287-52.06.
- Dennison, Earl, and J. E. Wells, to Wells-Dennison Co. Duck decoy. 2,743,519, 6-5-56, Cl. 43-3.
- Dennison, Frank G., to Spray Engineering Co. Fuel nozzle. 2,761,736, 9-4-56, Cl. 299-118.
- Dennison, Louis M. Furniture construction. 2,766,092, 10-9-56, Cl. 312-257.
- Dennison Manufacturing Co.: *See*—  
Asnes, Benjamin. 2,733,997.
- Flood, Carl A. 2,729,177.
- Flood, Carl A. 2,733,527.
- McGovern, Henry P. 2,732,121.
- Denny, Karl V. Fish lure. 2,752,721, 7-3-56, Cl. 43-42.33.
- Dennys, Ronald G.: *See*—  
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- De Nora, Vittorio, and Ettore de Bartholomaeis, to Oronzio de Nora Impianti Elettrochimici. Apparatus for the reduction of organic compounds by hydrogenation. 2,750,263, 6-12-56, Cl. 251-260.
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- Denovan, John J., and R. A., to Hall Machinery of Canada Ltd. Separatory apparatus for concentrating asbestos fibers. 2,739,708, 6-27-56, Cl. 209-138.
- Denovan, Robert A.: *See*—  
Denovan, John J., and R. A. 2,739,708.
- Densmore, Edward D. Bed. 2,754,524, 7-17-56, Cl. 5-2.
- Densmore, Neal W., to Joy Mfg. Co. Pivot flight conveyor. 2,773,584, 12-11-56, Cl. 198-170.
- Densmore, Richard M. Fluid pressure self-reciprocating actuator. 2,749,886, 6-12-56, Cl. 121-164.
- Dentalwerke Glashütte Burmoos: *See*—  
Buchsteiner, Josef. 2,761,297.
- Dentists' Supply Co. of New York, The: *See*—  
Adams, Claude W., and Warren. 2,752,689.
- Adams, Claude W., and Watson. 2,760,269.
- Vines, Raymond F., and Dietz. 2,766,527.
- Dentler, Arnold E., to W. H. Miner, Inc. Friction snubber for railway car truck springs. 2,731,258, 1-17-56, Cl. 267-9.
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- Denton, Bethel E., to Radio Corp. of America. Power supply. 2,772,371, 11-27-56, Cl. 307-150.
- Denton, Bryce A.: *See—*
- Thomson, Frank E., and Denton. 2,737,737.
- Denton, Joseph A., to The Filer & Stowell Co. Mechanism for controlling the feed works of a resaw. 2,761,473, 9-4-56, Cl. 143-4.
- Denton, Marion G. Blade arrangements for stalk cutters. 2,741,887, 4-17-56, Cl. 55-61.
- Denton, William L.: *See—*
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- Denton, William L., to Socony Mobil Oil Co., Inc. Hydro-catalytic desulfurization of petroleum oils. 2,737,471, 3-6-56, Cl. 196-28.
- Denton, William L., and W. E. Garwood, to Socony Mobil Oil Co., Inc. Process for removing nitrogen compounds from hydrocarbon oil with iodine or hydrogen iodide. 2,729,595, 1-3-56, Cl. 196-39.
- Denton, William L., W. E. Garwood, and J. N. Miale, to Socony Mobil Oil Co., Inc. Treatment of hydrocarbons with iodine and/or hydrogen iodide followed by hydrogenation. 2,768,121, 10-23-56, Cl. 196-24.
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- Denyer, George. Spraying devices for powder. 2,772,816, 12-4-56, Cl. 22-189.
- Denyer, George D.: *See—*
- Forrester, Peter G., and Denyer. 2,743,516.
- Denyer, Ronald L.: *See—*
- Haresnap, Dorothy S., and Denyer. 2,729,591.
- Denys, Russell O.: *See—*
- Bradshaw, William H., and Denyes. 2,732,586.
- Denyssen, Ivanhoe P., and F. Rubarg, to American Viscose Corp. Article extracting device. 2,773,582, 12-11-56, Cl. 198-20.
- Denzler, Berthold, to Davos Products Co. Collet chuck. 2,733,929, 4-7-56, Cl. 279-43.
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- De Padova, Pasquale A.: *See—*
- Teague, Walter D. J., and De Padova. 2,736,167.
- De Penning, Harold E. Discharge elevator for a harvesting machine. 2,732,959, 1-31-56, Cl. 214-42.
- De Persia, John L. Vehicle propelled by auger type rotors. 2,764,117, 9-25-56, Cl. 115-1.
- De Persia, John L. Automatic boat bailers. 2,772,648, 12-4-56, Cl. 114-185.
- De Phillips, Henry A. Fireproof door. 2,756,849, 7-31-56, Cl. 189-47.
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- De Puyper, Acheris: *See—*
- Herszog, Eugene M., 2,770,563.
- De Porter, Albert L.: *See—*
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- Depp, Wallace A., to Bell Telephone Laboratories, Inc. Radiating arrangement. 2,745,958, 5-15-56, Cl. 250-27.
- De Pree, David O.: *See—*
- Hill, Eugene F., and De Pree. 2,770,535.
- De Pree, David O., to Ethyl Corp. Synergetic stabilizing compositions for organic materials comprising a mixture of an arylamine and an alkylendiamine. 2,729,691, 1-3-56, Cl. 260-809.
- De Pree, David O., to Ethyl Corp. Antioxidant composition and use. 2,742,350, 4-17-56, Cl. 44-74.
- De Pree, David O., and E. B. Oldenburg, to Ethyl Corp. Preparation of metal cyanates. 2,729,541, 1-3-56, Cl. 23-75.
- De Pree, David O., and E. F. Hill, to Ethyl Corp. Stabilization of oxygen-sensitive materials with substituted guanlylguanidines. 2,729,614, 1-3-56, Cl. 260-45.9.
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- De Puiffe de Mazonoued, Roger. Accordion pleated filter and method for making. 2,732,951, 1-31-56, Cl. 210-169.
- De Puy, James R., F. W. Hartman, W. C. Jones, and W. A. Klein, to The Dow Chemical Co. Machine for vacuum packaging using flexible sheet materials. 2,753,671, 7-10-56, Cl. 33-88.
- De Raef, Corp.: *See—*
- Fear, Ernest D. 2,767,098.
- Selman, Roland W., Jr., and Landcraft. 2,736,654.
- Derby, George T. High chair with tray attachment. 2,767,774, 10-23-56, Cl. 155-127.
- Derby, Marshall T., and D. A. Gay, to California Industrial Products Co. Machine for affixing fastener elements onto a strip member. 2,738,093, 3-13-56, Cl. 218-4.
- Derby, Marshall T., and D. A. Gay, to California Industrial Products Co. Fastener strip. 2,740,964, 4-10-56, Cl. 1-56.
- Derby Sealers, Inc.: *See—*
- Krueger, Alfred P. 2,754,115.
- Krueger, Alfred P. 2,760,572.
- Krueger, Alfred P. 2,761,503.
- Derbyshire, Charles F., to Rohr Aircraft Corp. Drop hammer. 2,737,138, 3-6-56, Cl. 113-44.
- Derderian, Edward J. Gluing apparatus for packaging machines. 2,764,123, 9-25-56, Cl. 118-216.
- Derderian, James, and E. V. Sanborn. Unitary folding voting booth. 2,774,115, 12-18-56, Cl. 20-3.
- Derech, Paul: *See—*
- Hubbard, Barton D., and Derenuk. 2,737,701.
- Dereska, Joseph S., to Stroug, Cobb and Co., Inc. Catalytic mono-acylation of hexylresorcinol and its keto-analog. 2,752,388, 6-26-56, Cl. 260-479.
- De Reus, Marius E., to Owens-Illinois Glass Co. Insulation for spherical surfaces. 2,731,374, 1-17-56, Cl. 154-44.
- Derge, Gerhard, and G. P. Monet, to the United States of America as represented by the United States Atomic Energy Commission. Method of preparing metal and apparatus therefor. 2,743,173, 4-24-56, Cl. 75-84.1.
- Derham, Leslie J.: *See—*
- Robson, Stanley, and Derham. 2,760,770.
- Williams, George K., and Derham. 2,734,819.
- Dérizay, Paul, to The English Electric Co. Ltd. Feathering runner vane type hydraulic turbines and pumps. 2,751,187, 6-19-56, Cl. 253-31.
- Dérizay, Paul, to The English Electric Co. Ltd. Hydraulic turbines. 2,751,190, 6-19-56, Cl. 253-143.
- De Ridder, Ernst J.: *See—*
- Brandt, Paul E., and De Ridder. 2,747,871.
- Derieg, Edward A.: *See—*
- Helm, Tony W., and Derieg. 2,760,358.
- Derling, Harry H. Delayed arming fuse for a projectile. 2,711,184, 4-10-56, Cl. 102-79.
- Deringer, Harry H. Means for delaying the arming of a projectile. 2,742,858, 4-24-56, Cl. 102-79.
- Deringer, Harry H. Safety device for a projectile. 2,758,545, 8-14-56, Cl. 102-79.
- Derman, Sam. Knockdown toy chest. 2,765,112, 10-2-56, Cl. 229-23.
- Derman, Sam. Knockdown sheet metal wardrobes. 2,773,729, 12-11-56, Cl. 312-257.
- Dermond, Lawrence C.: *See—*
- Olson, Elmer, and Dermond. 2,771,282.
- Dermond, Lawrence C., to General Motors Corp. Engine starting apparatus. 2,758,168, 8-7-56, Cl. 200-61.9.
- Derner, William J., to General Motors Corp. Lubrication means. 2,770,506, 11-13-56, Cl. 308-187.
- De Roovere, Frans H., to International Standard Electric Co. Method of mounting electrical components or other electric components in a metal case. 2,751,665, 6-26-56, Cl. 29-155.5.
- De Rosa, Anthony, Sr., to Herring-Hall-Marvin Safe Co. Truck safe. 2,754,777, 7-17-56, Cl. 109-51.
- De Rosa, Louis A., to International Telephone and Telegraph Corp. Radio detection system. 2,774,965, 12-18-56, Cl. 343-13.
- Derosa, Louis A., F. X. Bucher, and T. J. Goldan, to International Telephone and Telegraph Corp. Switching devices. 2,749,524, 6-5-56, Cl. 333-97.
- De Rossett, Armand, and C. H. Watkins, to Universal Oil Prod. Co. Liquid bath continuous conversion coking process and apparatus. 2,730,488, 1-10-56, Cl. 202-18.
- De Rossett, Prentiss P. Callus remover. 2,735,434, 2-21-56, Cl. 132-76.4.
- De Rouin, Amedee. Overstuffed furniture and a method of upholstering the same. 2,754,893, 7-17-56, Cl. 155-184.
- Derr, Elmer B., B. Dales, and H. C. Abrahamsen, to Whirlpool-Seeger Corp. Upholstered refrigerator cabinet. 2,760,301, 8-28-56, Cl. 45-138.
- Derr, Kenneth W., to Hamilton Watch Co. Automatic watch manufacturing winding mechanism. 2,756,559, 7-31-56, Cl. 58-82.
- Derr, Willard A., and E. J. Cham, to Westinghouse Electric Corp. Circuit breaker control system. 2,733,399, 1-31-56, Cl. 321-12.
- Derr, Willard A., and W. F. Cruess, to Westinghouse Electric Corp. Remote control systems. 2,743,397, 4-24-56, Cl. 317-137.
- Derr, William T., and R. R. McGuire, to Westinghouse Air Brake Co. Track circuit system for multiple track railway grade crossings. 2,745,951, 5-15-56, Cl. 246-114.
- Derrah, Norman S., and C. Juhola, to United Shoe Machinery Corp. Shoemaking apparatus. 2,752,471, 6-26-56, Cl. 219-10.63.
- Derriek, George W. Band forming and applying apparatus. 2,738,747, 3-20-56, Cl. 113-1.
- Derrick, James V., and L. H. Kaltenberger, to The Chemical Process Co. Method of temporarily clamping perforations in the casing. 2,754,910, 7-17-56, Cl. 166-1.
- D'Errico, Martin P. Sealing means for pistons. 2,745,704, 5-15-56, Cl. 309-31.
- Derry, Emanuel H., to Alan E. Burden Co., Inc. Reversible hub for fans. 2,754,920, 7-17-56, Cl. 170-173.
- Dersa, William J., Jr., to International Business Machines Corp. Character synthesizer. 2,754,360, 7-10-56, Cl. 178-15.
- Derse, Daniel A.: *See—*
- Rice, Harold W., and Derse. 2,761,947.
- Dertinger, Frank: *See—*
- Norment, Robert T., Dertinger, and Harris. 2,729,331.
- Deruette, Louis E., deceased, by T. M. Deruette, administratrix, to The Brookman Co., Inc. Control mechanism for multiple sash window structures. 2,736,074, 2-28-56, Cl. 20-42.
- Deruette, Teresa M.: *See—*
- Deruette, Louis E. 2,736,074.
- De Ruggieri, Pietro: *See—*
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- De Ruiter, Jacob W.: *See—*  
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- De Ruiter, Jacob W., to Hartford National Bank and Trust Co., as trustee. High-frequency heating system. 2,773,190, 12-4-56, Cl. 250-36.
- De Saint Leger, Bernard B.: *See—*  
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- De Sanctis, Aldo. Subaqueous breathing apparatus. 2,732,840, 1-31-56, Cl. 128-142.
- De Sanno, A. P., & Son, Inc.: *See—*  
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- De Santis, Ernest R. Reminder to disconnect vehicle lights or to set the hand brake. 2,773,249, 12-4-56, Cl. 340-52.
- Desbrow, Floyd H. Apparatus for penetrating and hydraulically fracturing well formations. 2,758,653, 8-14-56, Cl. 166-73.
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- De Schane, Dale L., and O. W. Ness, to Flo-Matic Valve Co. Timing valve. 2,768,683, 10-30-56, Cl. 161-7.
- Deschene, Albert W. Shirt neck band and collar. 2,736,901, 3-6-56, Cl. 2-139.
- Desnoes, Edouard G. Heel attachment device. 2,751,694, 6-26-56, Cl. 36-36.
- De Sedouy, Philippe L.: *See—*  
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- De Shelter, Leo J. Ash receiver. 2,730,107, 1-10-56, Cl. 131-258.
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- Tedaldi, John L., and Gross. 2,765,886.
- Designers For Industry, Inc.: *See—*  
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- Halverson, Milton A. 2,770,470.
- Designs for Business, Inc.: *See—*  
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- Desjarlais, Arthur. 2,742,109.
- Desjarlais, Arthur, to F. E. Desjarlais. Valve. 2,749,079, 6-5-56, Cl. 251-214.
- Desjarlais, Frederick E.: *See—*  
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- Deslippe, Clifford E., 24½% to A. R. Sinelli and 24½% to C. Baird. Knockdown, power-propelled caddy vehicle. 2,749,997, 6-19-56, Cl. 180-25.
- De Smidt, Woodrow A., to Allen-Bradley Co. Interlocking terminal block. 2,743,373, 4-24-56, Cl. 339-198.
- Desmond, Eric, and C. J. Thorp, to Smiths America Corp. Cleaning devices. 2,746,468, 5-22-56, Cl. 134-117.
- Desmond, Gera.: *See—*  
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- De Sostoa, Ignatius A.: *See—*  
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- Despard, Victor R., to Pass & Seymour, Inc. Push-in type terminal unit for lamp receptacles. 2,748,363, 5-29-56, Cl. 339-95.
- Despard, Victor R., to Pass & Seymour, Inc. Wire centering means for pin-type insulating-piercing connectors. 2,751,568, 6-19-56, Cl. 339-99.
- Despard, Victor R., to Pass & Seymour, Inc. Convenience outlet for installation in finished walls. 2,771,501, 11-20-56, Cl. 174-53.
- Despard, Victor R., to Pass & Seymour Inc. Mounting for wall and switch boxes. 2,773,115, 12-4-56, Cl. 174-58.
- Desperak, Sam, J. Roschko, and G. Desmond, to Advance Spiral Machine Co., Inc. Spiral stitch attachment for sewing machines. 2,730,055, 1-10-56, Cl. 112-2.
- Desperak, Sam, J. Roschko, and G. Desmond. Spiral sewing attachment for sewing machines. 2,737,133, 3-6-56, Cl. 112-2.
- D'Esposito, Julian C., to Container Corp. of America. Container with reinforced closure. 2,766,923, 10-16-56, Cl. 229-23.
- Des Rosiers, John B. Self-adjusting brake. 2,760,602, 8-28-56, Cl. 188-79.5.
- Dessertenne, Jacques H., and G. R. Dominguez y Salmeron. Combined box and easel for painting in the open country. 2,773,271, 6-19-56, Cl. 312-231.
- Destival, Pierre, to Societe Anonyme so-called: Compagnie Electro-Mecanique. Multistage turbojet engine having auxiliary nozzles located in an intermediate stage. 2,738,645, 3-20-56, Cl. 60-35.6.
- Destoumieux, Paul: *See—*  
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- Destrol Mfg. Co. Ltd.: *See—*  
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- Detamore, Harold H.: *See—*  
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- Detamore, Harold H., R. A. Hirsch, R. E. Moore, and R. C. Tressler, to General Motors Corp. Control mechanism for propellers of the contrarotation type. 2,761,517, 9-4-56, Cl. 170-135.27.
- Detamore, Harold H., and W. D. Eby, to General Motors Corp. Multiple piston servomotor. 2,768,612, 10-30-56, Cl. 121-38.
- De Tar, Donald R.: *See—*  
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- Detler, Elmer M.: *See—*  
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- Deters, Elmer M., and G. A. Patterson, to Red Jacket Mfg. Co. Primer for centrifugal pump. 2,734,460, 2-14-56, Cl. 103-113.
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- Detrow, Edgar L., to Vulcan Machine Co. Device for orienting taps for grinding. 2,745,187, 5-15-56, Cl. 33-185.
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- Dettmmer, Philip B., and L. J. Lichty, to Quebec Metallurgical Industries Ltd. Method for producing a matte from arsenical sulfide cobalt ores. 2,741,553, 4-10-56, Cl. 75-10.
- De Turk, John E., J. H. MacNeill, and N. E. Gibbs, to Raytheon Mfg. Co. Magnetic recording-play-back heads. 2,751,440, 6-19-56, Cl. 179-100.2.
- Detwiler, Harry S., to Hamilton Watch Co. Overrunning clutch. 2,739,682, 3-27-56, Cl. 192-46.
- Deubel, Justin A., to General Controls Co. Gas burner control system. 2,730,199, 1-10-56, Cl. 158-125.
- Deubel, Justin A., to General Controls Co. Burner primary control. 2,768,676, 10-30-56, Cl. 158-28.
- Deupree, Harold H. Cartridge grease gun. 2,759,640, 8-21-56, Cl. 222-326.
- Deuschel, Andrew L., and E. C. Austin, said Austin to said Deuschel. Beverage heating and dispensing apparatus. 2,752,123, 6-20-56, Cl. 257-2.
- D'Eustachio, Dominic, to Pittsburgh Corning Corp. Method of producing cellulated articles. 2,775,524, 12-25-56, Cl. 106-40.
- Deuten, Ragnar E., to Aktiebolaget Elektrolux. Hinged closure member for low temperature cooling compartments. 2,772,541, 12-4-56, Cl. 62-103.
- Deutsch, Alexander T. Automatic extrusion presses. 2,748,933, 6-5-56, Cl. 207-9.
- Deutsch, Daniel H., and E. N. Garcia, to Lasdon Foundation, Inc. Heterocyclic chalcane compounds. 2,754,299, 7-10-56, Cl. 260-240.
- Deutsch, Dene L.: *See—*  
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- Deutsch, Dennis L.: *See—*  
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- Deutsch, Robert D., and O. E. Langos, to Dorothy Flicek Industries, Inc. Jewel-setting tool. 2,734,190, 2-14-56, Cl. 1-4.
- Deutsch, Sid, to Polytechnic Research & Development Co., Inc. Receiver tunable over V. H. F. and U. H. F. television bands. 2,715,548, 1-11-56, Cl. 250-20.
- Deutsch, Sid, and H. A. Finke, to Polytechnic Research & Development Co., Inc. Wide range tuner. 2,772,355, 11-27-56, Cl. 250-20.
- Deutsch, William R.: *See—*
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- Deutsche Bergin-Aktiengesellschaft: *See—*
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- Deutscher, Rolf, to Berliner Optische Werkstätten G. m. b. H. Microscope tube moving mechanism. 2,763,185, 9-18-56, Cl. 88-39.
- Deutschman, Archel J., Jr., to Spencer Chemical Co. Production of hydroxylamine and semicarbazide salts. 2,749,217, 6-5-56, Cl. 23-190.
- De Vaney, Fred D., to Erie Mining Co. Process of preparing indurated pellets of iron ore fines. 2,743,172, 4-24-56, Cl. 75-3.
- De Vaney, Fred D., to Pickands Mather & Co. Process of reducing manganese ores. 2,745,730, 5-15-56, Cl. 75-1.
- De Vaney, Fred D., to Erie Mining Co. Cement manufacture. 2,739,719, 1-2-56, Cl. 106-89.
- De Vaney, Fred D., and Beggs, to Erie Mining Co. Process of pelletizing. 2,758,919, 8-14-56, Cl. 75-5.
- De Vault, Albert N., to Phillips Petroleum Co. Recovery of dewaxing acid from slack waxes. 2,760,996, 8-28-56, Cl. 260-649.
- De Vault, Robert V., to American Enka Corp. Yarn package. 2,734,896, 2-14-56, Cl. 242-159.
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- Soffer, Jack W. 2,739,841.
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- Soffer, Jack W., and Kitterman. 2,750,230.
- Soffer, Jack W., and Kitterman. 2,765,960.
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- Development Technique de la Pate a Papier Anonyme Suisse (denomnee ci-apres Detepa): *See—*
- Marpillero, Paolo. 2,749,241.
- Dever, Lewis A., and K. P. Martin, to The Cincinnati Milling Machine Co. Press. 2,766,711, 10-16-56, Cl. 113-44.
- De Vetter, Walter G. Electrical soldering pot. 2,767,300, 10-16-56, Cl. 219-44.
- Devery, James J.: *See—*
- Clark, William J., and Devery. 2,745,132.
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- De Vilder, Arthur. Leveling attachment for farm implement hitch. 2,747,884, 5-29-56, Cl. 280-6.
- De Villeneuve, La Colette, Louis G. R. R. Folding boat. 2,739,321, 3-27-56, Cl. 9-2.
- De Villers, Louis S. Collapsible display shelf. 2,744,713, 5-8-56, Cl. 248-174.
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- Devirian, Philip S., Jr.: *See—*
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- De Visscher, Adol.: *See—*
- Kolkman, Dirk, and de Visser. 2,748,308.
- De Vlieg, Charles B. Spiral gear transmission with gear-clutch. 2,753,725, 7-10-56, Cl. 74-333.
- De Vlieg, Charles B., H. R., and C. R., to Thompson Products, Inc. Machine for forming predetermined irregular surfaces. 2,773,282, 12-1-56, Cl. 90-22.
- De Vlieg, Charles B.: *See—*
- De Vlieg, Charles B., H. R., and C. R. 2,773,432.
- De Vlieg, Howard R.: *See—*
- De Vlieg, Charles B., H. R., and C. R. 2,773,432.
- De Vlieg, Howard R., to De Vlieg Machine Co. Grooving or ringing tool. 2,771,798, 11-27-56, Cl. 77-58.
- De Vlieg Machine Co.: *See—*
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- De Voie, Charles F., to Corning Glass Works. Glass blending. 2,762,167, 9-11-56, Cl. 49-71.
- Devoe & Reynolds Co., Inc.: *See—*
- Greenlee, Sylvan O. 2,731,444.
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- Greenlee, Sylvan O. 2,760,944.
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- Devoe, Robert W., Jr. Ignition demonstration device. 2,741,077, 4-10-56, Cl. 35-13.
- Devol, George C., and E. B. Hansell, to said Devol. Magnetic storage and sensing device. 2,741,757, 4-10-56, Cl. 340-174.
- De Voll, Ralph L.: *See—*
- Andrews, Gilman B., De Voll, and Lamb. 2,729,815.
- De Vor, Gisbert, to N. V. Verus. Method for sharpening knives and a knife-sharpening machine. 2,765,591, 10-9-56, Cl. 51-102.
- De Vore, Henry B., to Radio Corp. of America. Pulse generating circuits. 2,752,487, 6-26-56, Cl. 250-27.
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- Dewhurst, Joseph F. Idling period signalling and stopping device for motor vehicle engines. 2,729,806, 1-3-56, Cl. 340—52.
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- De Witt, Bernard J.: *See*—Strain, Franklin, and De Witt. 2,737,532.
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- Dexdale Hosiery Mills: *See*—Bergner, Emil J., and Matthews. 2,736,105.
- Dexion Ltd.: *See*—Comino, Demetrius. 2,746,780.
- Dexter Folder Co.: *See*—Bach, Emmon, and Goodwin. 2,749,967.
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- Baker, Leonard, and Runge. 2,766,870.
- Martin, George A. 2,733,064.
- Williams, Leo C. 2,757,929.
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- Dexter, Robert G., to Barkley & Dexter, Inc. Sheet-folding machine. 2,751,222, 6-19-56, Cl. 270—81.
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- Dial, Ethel M. Playing card hand holder. 2,763,485, 9-18-56, Cl. 273—150.
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- Diambra, Henry M.: *See*—Edlen, George G., and Diambra. 2,761,110.
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- Diamond Alkali Co.: *See*—Baker, Jose C., and Beard. 2,742,419.
- Burkholder, Ward J. 2,773,739.
- Hirsch, Alfred. 2,749,326.
- Hlynsky, Alex. 2,770,651.
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- Perrin, Tom S. 2,766,098.
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- Brown, Robert C. 2,757,448.
- Carkhuff, Le Roy F. 2,744,599.
- Comstock, Alfred E. 2,738,868.
- Cox, John W. 2,773,750.
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- Crane, Harold S. 2,747,301.
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- Wolf, George S. 2,739,753.
- Diamond Power Specialty Corp.: *See*—Brelsford, Harry E. 2,741,125.
- Marco, Salvatore M. 2,752,197.
- Diamond T Motor Car Co.: *See*—Murty, Anthony F. and B. P. 2,740,487.
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- Diano, Benedict F., and J. F. Mechanical door operator. 2,736,552, 2-28-56, Cl. 268—33.
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- Dibos, Richard A., to Philco Corp. Adjustable wave guide elements. 2,741,745, 4-10-56, Cl. 333—31.
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- Beatty, Julian L. 2,760,431.
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- Brandt, Carl L. W., and Florence. 2,732,795.
- Chambers, Thomas S., and Florence. 2,771,372.
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- Clark, James D. 2,748,429.

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- Klimkowski, Robert J., and Florence, 2,743,191.
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- Rogers, Lee R., 2,733,654.
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- Dick, Franklin, to R. A. Fisch, Process of reshaping plastic materials, 2,751,629, 6-26-56, Cl. 18-59.
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- Dick, Wade W., Balanced valve for distributing liquid fuel, 2,754,659, 7-17-56, Cl. 62-1.
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- Dickson, Gary, *See*—
- Hickman, Kenneth C. D., 2,734,023.
- Dicke, Allen A., *See*—
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- Dicke, Oscar H., Time system, 2,738,642, 3-20-56, Cl. 58-24.
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- Dickenshield, Richard H., and C. F. Dickason, to Ford Motor Co., Locking means for hose plate assembly for guarding fuel tank filler tubes, 2,729,500, 1-3-56, Cl. 296-28.
- Dickerson, Delbert J., to Ardell Mfg. Co., Wheel structure, 2,730,906, 1-17-56, Cl. 74-230-05.
- Dickerson, William, Sinkers and leader assembly, 2,766,549, 10-16-56, Cl. 44-98.
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- Dickey, Joseph B., and E. B. Towne, to Eastman Kodak Co., 5-Nitrothiazoleazo-N-fluoroalkylaniline compounds, 2,730,523, 1-10-56, Cl. 260-158.
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- Thompson, William M., Sekmakas, and Dickinson, 2,751,330.
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- Diekten, Emil, Jr., R. P. Riesz, and R. L. Wallace, Jr., to Bell Telephone Laboratories, Inc., Fabrication of junction transistors, 2,748,349, 5-29-56, Cl. 324-158.
- Dicome, Herman C., to Edwin L. Wiegand Co., Method and means for assembling articles, 2,734,121, 2-7-56, Cl. 219-38.
- Di Constanzo, Pasquale F., Spaghetti bowl, 2,771,755, 11-27-56, Cl. 65-115.



- Dictaphone Corp.: See—  
 Di Mattia, Alfred L. 2,769,040.  
 Rowe, Richard G., and Flower. 2,761,787.  
 Rowe, Richard G. and Flower. 2,773,852.
- Didigraph Products Co., Inc.: See—  
 Coleman, Stanley, and Nicholas. 2,764,640.  
 Strommen, Elmar A. 2,761,918.  
 Vadersen, Charles W. 2,745,508.
- Di Dario, Mario M., to Chicopee Mfg. Corp. Stabilized-flameproofed fabric and method. 2,771,379, 11-20-56, Cl. 117-76.
- Didden, Carl J.: See—  
 Siegerist, Walter, and Didden. 2,757,707.
- Didier-Werke A. G.: See—  
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- Didziulis, Algirdas A.: See—  
 Brauer, Clarence H., and Didziulis. 2,757,267.
- Diebold, Inc.: See—  
 Behrens, Herbert C. 2,775,113.  
 Deaton, Charles U. 2,771,042.  
 Paca, John P., and Ebner. 2,732,815.  
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- Diebold, Edward J., to I-T-E Circuit Breaker Co. Electro-magnetic switch. 2,756,380, 7-24-56, Cl. 321-48.
- Diebold, Edward J., to I-T-E Circuit Breaker Co. Regulator for mechanical rectifier. 2,759,141, 8-14-56, Cl. 321-48.
- Diebold, Inc.: See—  
 Craft, Verneue E., and Gray. 2,746,344.
- Die Craft Corp.: See—  
 Cole, Arthur B., and Buchmiller. 2,767,892.
- Diederich, Norman F. Method and apparatus for forming assemblies of coded markers on panels. 2,769,480, 11-6-56, Cl. 154-16.
- Diefenbach, Giorgio. Centrifugal olive washer and separator. 2,774,478, 12-18-56, Cl. 209-453.
- Defenderfer, William E., to United Aircraft Corp. Pressure regulating and shut-off valve. 2,731,980, 1-24-56, Cl. 137-488.
- Delema, G. Exercising apparatus. 2,733,922, 2-7-56, Cl. 272-58.
- Diehl, Charles, to The M. W. Kellogg Co. Method for welding a joint. 2,747,065, 5-22-56, Cl. 219-10.
- Diehl, Elias S., and R. D. Hoffman. Forage gatherer and drier. 2,756,554, 7-31-56, Cl. 56-1.
- Diehl, G. M., Machine Works, Inc., The: See—  
 Miller, Robert G. 2,735,095.  
 Miller, Robert G. 2,735,096.  
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- Diehl, John B., to Stackpole Carbon Co. Direct current dynamo machine. 2,743,386, 4-24-56, Cl. 310-202.
- Diehl, Louis. Razor strop compound. 2,766,128, 10-9-56, Cl. 106-38.
- Diehl, Walter H., and G. A. Frank, to Western Electric Co., Inc. Apparatus for spraying metal on articles. 2,740,375, 4-3-56, Cl. 118-301.
- Diels, Albert, and H. Orth, to Pouderies Reunis de Belgie. Circulation nitrating apparatus. 2,761,768, 9-4-56, Cl. 23-266.
- Dieman, Edgar A., and P. H. Ravenscroft, to Standard Oil Co. Anti-rust oils. 2,771,371, 11-20-56, Cl. 106-14.
- Diemer, Ferdinand F.: See—  
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- Diemer, Giesinus: See—  
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- Diemer, Giesinus, to Hartford National Bank and Trust Co., as trustee. Very high frequency electric discharge device. 2,754,447, 7-10-56, Cl. 315-4.
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- Diener, Bernard, to Hughes Aircraft Co. Electronic switching and counting circuit. 2,764,343, 9-25-56, Cl. 235-61.
- Diener, Herman M.: See—  
 Hayward, Harold N., and Diener. 2,743,616.
- Diener, Jack B., to Rohm and Haas Co. Iodine dissolved in an aqueous solution of polyacrylic acid. 2,758,049, 8-7-56, Cl. 167-17.
- Diény, Alfred, to Societe dite: Tecalemit, Societe Anonyme. Motors. 2,764,135, 9-25-56, Cl. 121-153.
- Dierick, Gerarda F. E. M.: See—  
 Hobaness, T. M., and Dierick. 2,773,796.
- Dieringer, Herman C., to Allis-Chalmers Mfg. Co. Current transformer construction. 2,764,744, 9-25-56, Cl. 336-68.
- Dierksen, Adolph. Cultivator. 2,759,314, 8-21-56, Cl. 55-104.
- Diesel Power, Inc.: See—  
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- Diesen, Anton K., K. G. Johnson, and E. A. Wiberg, to Telefonaktiebolaget L M Ericsson. Electromagnetic relay. 2,754,390, 7-10-56, Cl. 200-104.
- Diesen, Rudolph R.: See—  
 Hazeltine, Kenneth M., Diesen, and Melton. 2,731,747.
- Diesenhans, Sidney: See—  
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- Dietch, Leonard, to Radio Corp. of America. High voltage supply. 2,729,764, 1-3-56, Cl. 315-22.
- Dietch, Leonard, to Radio Corp. of America. Raster centering control. 2,743,381, 4-24-56, Cl. 315-27.
- Dieterich, Francis L. Electrical heating apparatus. 2,749,424, 6-5-56, Cl. 219-35.
- Dieterich, Richard E., and F. A. Werstein, to Phillips Drill Co. Chuck mounting for mechanical hammer. 2,767,988, 10-23-56, Cl. 279-19.5.
- Dieterichs, Frank F., to J. G. Carpenter. Method and apparatus for feeding balls to grinders and lappers. 2,764,851, 10-2-56, Cl. 51-130.
- Dieterle, Walter: See—  
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- Dieterman, Henri, and W. J. Bill, to The Dow Chemical Co. Etching plate movement mechanism. 2,763,950, 9-25-56, Cl. 41-9.
- Dieter, Harry W., and R. E. Steinhmueller, to Harry W. Dieter Co. Quick moisture teller. 2,765,160, 10-2-56, Cl. 265-29.
- Dieter, Harry W., Co.: See—  
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- Diether, Richard L., to Owens-Illinois Glass Co. Pouring spout. 2,760,683, 8-28-56, Cl. 222-143.
- Diethrich, Cornelius F., and H. J. Smith, to Optical Measuring Tools Ltd. Optical projection apparatus. 2,742,815, 4-24-56, Cl. 88-24.
- Diethrich, Frank L. Cabinet. 2,768,045, 10-23-56, Cl. 312-114.
- Diethrich, Fritz: See—  
 Hösche, Adolf, and Diethrich. 2,765,624.
- Diethrich, Howard H., to General Motors Corp. Anti-detonating carburetor. 2,747,561, 5-29-56, Cl. 123-119.
- Diethrich, Paul, to Maschinenfabrik Augsburg-Nürnberg A. G. Adjustable jogging mechanism in sheet printing press. 2,732,206, 1-24-56, Cl. 271-89.
- Diethrich, Paul, to Maschinenfabrik Augsburg-Nürnberg A. G. Drying means for offset rotary printing machine. 2,768,576, 10-30-56, Cl. 101-477.
- Diethrich, Paul, and E. Kolland, to Maschinenfabrik Augsburg-Nürnberg A. G. Over-revolution printing press. 2,729,163, 1-3-56, Cl. 101-250.
- Diethrich, Paul, and E. Kolland, to Maschinenfabrik Augsburg-Nürnberg A. G. Sheet delivery mechanism for printing machines. 2,730,363, 1-10-56, Cl. 271-79.
- Diethrich, Paul, and H. Bayer, to Maschinenfabrik Augsburg-Nürnberg A. G. Delivery frame in sheet printing press. 2,732,205, 1-24-56, Cl. 271-79.
- Diethrich, Paul, and E. Kolland, to Maschinenfabrik Augsburg-Nürnberg A. G. Impression cylinder drive. 2,767,652, 10-23-56, Cl. 101-286.
- Diethrich, Arne K., to W. Reinartz, and O. Morgenländer, to Maschinenfabrik Augsburg-Nürnberg A. G. Adjustable mounting for printing press rolls. 2,750,883, 6-19-56, Cl. 101-348.
- Diethrich, Ralph J. Shower door assembly. 2,741,778, 4-17-56, Cl. 4-145.
- Diethrich, Wilhelm: See—  
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- Diethrich, William G., and J. A. Shaw, to Essex Corp. Ball pen. 2,741,226, 4-10-56, Cl. 120-42.03.
- Diethrichson, William F., to ACF Industries, Inc. Anchoring means for vehicle cargo. 2,769,404, 11-6-56, Cl. 105-369.
- Dietsch, Arne K.: See—  
 Holmqvist, Gert E. O., Björklund, and Dietsch. 2,769,880.
- Dietsch, Charles: See—  
 Cabanes, Leon, Alran, Chevallier, Dietsch, and Painboeuf. 2,743,952.
- Vines, Raymond F. and Dietz. 2,766,527.
- Dietsch, Francis W.: See—  
 Musser, C. Walton, and Dietsch. 2,775,052.
- Dietz, Edward A., to Thomas A. Edison, Inc. Friction-type drive and brake mechanisms. 2,753,026, 7-3-56, Cl. 192-4.
- Dietz, Frederick C., and R. C. Thorburn, to the United States of America as represented by the United States Atomic Energy Commission. Gas sorbent and method of gas recovery and storage. 2,760,598, 8-28-56, Cl. 183-114.2.
- Dietz, Gerald E., and A. J. Hilgert, to Milwaukee Gas Specialty Co. Control apparatus for fluid fuel burning apparatus and the like. 2,765,631, 10-9-56, Cl. 62-5.
- Dietz, Karl, to Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Self-hardening water-glass compositions and process of preparing same. 2,766,130, 10-9-56, Cl. 106-74.
- Dietz, Leonard A., to General Electric Co. Gas analyzing instrument. 2,767,318, 10-16-56, Cl. 250-41.9.
- Dietz, Leonard A., to General Electric Co. Ion source for a mass spectrometer. 2,772,362, 11-27-56, Cl. 250-41.9.
- Dietz, R. E., Co.: See—  
 Davis, Louis E., Stube, and Knapp. 2,738,414.  
 Knapp, George A. 2,738,413.  
 Knapp, George A. 2,739,224.  
 Stube, Frederick F. 2,738,474.
- Dietz, Robert R. Carburetor adjusting mechanism. 2,755,818, 7-24-56, Cl. 137-637.3.
- Dietz, Thomas J.: See—  
 Hansen, John E., and Dietz. 2,772,251.
- Dietz, William J., Jr.: See—  
 Flanigen, Cameron D., and Dietz. 2,742,759.
- Dietze, Eginhard: See—  
 Alkens, Andrew J., Botsford, Boysen, Dietze, Goodale, and Inglis. 2,732,436.
- Dietze, Katharine R.: See—  
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- Diefenbach, Parke H., to Frank Hamachek Machine Co. Machines for making bags, envelopes or similar containers. 2,741,956, 4-17-56, Cl. 93-8.
- Difford, Le Roy A., to Thompson Products, Inc. Pump inlet guard. 2,744,466, 5-8-56, Cl. 103-103.

- Diffusion Alloys Ltd. : *See*—  
 Samuel, Robert L. and G. A. 2,744,011.
- Di Filippo, Thomas : *See*—  
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- Sokol, Benjamin, and Di Florio. 2,744,382.
- Digby, James J., to Bendix Aviation Corp. Engine starter gearing. 2,752,794, 7-3-56, Cl. 74-7.
- Di Geronimo, Guido E. : *See*—  
 Vana, Charles A., and Di Geronimo. 2,732,290.
- Diget, Lewis K., and S. S. Doerr, to H. B. Sherman Mfg. Co. Hose coupling mounting machine. 2,735,473, 2-21-56, Cl. 153-1.
- Diggle, Hammond P. : *See*—  
 Daniels, Richard W., Diggle, and Smith. 2,771,206.
- Diggles, Frederick W., to North American Aviation, Inc. High strength heat resistant plastic material. 2,742,443, 4-17-56, Cl. 260-17.
- Diggs, Robert S. Rectified alternating current cable fault reducing circuits. 2,740,938, 4-3-56, Cl. 324-54.
- Digital Control Systems, Inc. : *See*—  
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- Dijkstra, Hermannes, to Hartford National Bank and Trust Co. as trustee. Contact member for disc-shaped electrode connections. 2,761,116, 8-28-56, Cl. 339-258.
- Dijkman, Cornelis : *See*—  
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- Revallier, Leonardus J., and Dijkman. 2,765,867.
- Dijkstra, Rinse, and J. de Jonge, to Hartford National Bank and Trust Co. as trustee. Method of producing a resinous condensation product. 2,765,838, 2-21-56, Cl. 260-56.
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- Di Julio, Carl J. : *See*—  
 Wall, Edgar M., and Di Julio. 2,752,802.
- Dilig, Walter C., to Waugh Equipment Co. Cushioning devices suitable for use as railway draft gears. 2,754,013, 7-10-56, Cl. 213-49.
- Dilger, Ida geb. Deissinger. Built-in kitchen refrigerator. 2,766,594, 10-16-56, Cl. 62-89.
- Dike, Max H., D. Faulkner, and S. Merry, to The Distillers Co. Ltd. Plasticised compositions. 2,755,259, 7-17-56, Cl. 260-8.
- Dilke, Max H., D. Faulkner, and S. Merry, to The Distillers Co. Ltd. Plasticised compositions. 2,755,262, 7-17-56, Cl. 260-29.
- Dill, Joseph J. : *See*—  
 Barron, James T., Dill, and Hotelling. 2,746,128.
- Dill Mfg. Co., The : *See*—  
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- Boyer, Ralph K. 2,759,647.
- Leonetti, Ronald W. 2,747,559.
- Dillard, John D. Hand operated reciprocating piston type nut cracker. 2,740,439, 4-3-56, Cl. 146-16.
- Dillenburger, Albert, and W. Ley, to Proceco G. m. b. H. Telescoping hydraulic shock absorber. 2,753,957, 7-10-56, Cl. 168-88.
- Dillenburger, Robert A., to The Hamilton Tool Co. Rotary cut-off assembly with a pull-out roll. 2,736,380, 2-28-56, Cl. 164-201.
- Dillinger, Chester A. Power transmission control system. 2,747,707, 5-29-56, Cl. 192-092.
- Dillman, Ernest J., to Detroit Controls Corp. Control device. 2,742,232, 4-17-56, Cl. 237-2.
- Dillman, Ernest J., to Detroit Controls Corp. Manually resettable pressure operated valve. 2,749,926, 6-12-56, Cl. 137-73.
- Dillman, Ernest J., and F. C. Galley, to Detroit Controls Corp. Control device. 2,748,224, 5-29-56, Cl. 200-140.
- Dillman, Oscar D., and S. T. Foreman, to Chrysler Corp. Pressure lubricated universal joint. 2,737,791, 3-13-56, Cl. 64-21.
- Dillman, William A., to Boeing Airplane Co. Variable incidence airtail system. 2,731,216, 7-17-56, Cl. 244-48.
- Dillon, Oscar W., to American Optical Co. Drilling machine. 2,748,630, 6-5-56, Cl. 77-63.
- Dillon, Oscar W., to American Optical Co. Edge grinding machines. 2,749,671, 6-12-56, Cl. 51-101.
- Dillon, Oscar W., to American Optical Co. Abrading machines. 2,775,074, 12-25-56, Cl. 51-124.
- Dillon, Robert E., L. J. Eyles, and H. J. Riblet, to the United States of America as represented by the Secretary of the Navy. Antenna. 2,761,139, 8-28-56, Cl. 343-785.
- Dillon, Robert J. Vehicle wheel construction. 2,770,278, Cl. 12-56, Cl. 32-2.
- Dills, Raymond L., to General Electric Co. Adjustable shelf. 2,741,370, 4-10-56, Cl. 211-90.
- Dills, Raymond L., to General Electric Co. Noise damping muffler. 2,764,342, 9-25-56, Cl. 230-232.
- Dilts, Lee E., to General Electric Co. Filament mount testing apparatus. 2,736,194, 2-28-56, Cl. 73-88.
- Dilts, Lee E., to General Electric Co. Method of stretching a filament. 2,736,344, 2-28-56, Cl. 140-71.6.
- Dilworth, John P., G. W. Eckert, and W. J. Coppoe, to The Texas Co. Wide temperature range alkali metal grease containing excess alkali metal hydroxides. 2,755,247, 7-17-56, Cl. 252-33.3.
- Dilworth, John P., and O. P. Puryear, to The Texas Co. Wide temperature range alkali metal grease containing excess alkali metal hydroxide. 2,755,256, 7-17-56, Cl. 252-33.3.
- Dilworth, Richard M. : *See*—  
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- Dilworth, Richard M., to General Motors Corp. Traction truck. 2,741,995, 4-17-56, Cl. 105-188.
- Dilworth, Richard M., to General Motors Corp. Railway vehicle truck. 2,753,814, 7-10-56, Cl. 105-193.
- Dilworth, Richard M., and J. P. Miller, to General Motors Corp. Railway vehicle truck. 2,770,200, 11-13-56, Cl. 105-192.
- Di Marco, Aurelio, and C. Pasini, to Farmaceutici Italia S. A. Di-Guanidino-phenol ethers. 2,744,138, 5-1-56, Cl. 260-565.
- Di Marco, Thomas J., and H. W. Heighton, to Boeing Airplane Co. Combined base sockets and terminal boards. 2,744,214, 5-1-56, Cl. 317-101.
- Di Marco, Thomas J., to General Electric Co. Communication switching arrangements. 2,754,366, 7-10-56, Cl. 179-2.
- Di Mattia, Alfred L., to Dictaphone Corp. Microphone housing. 2,769,040, 10-30-56, Cl. 179-188.
- Dimick, Winslow A. Hold-down clamp structure for a foldable table. 2,740,681, 4-3-56, Cl. 311-91.
- Di Misco, William A. : *See*—  
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- Dimittreiff, George. Detachable rock drill bit. 2,736,582, 2-28-56, Cl. 287-126.
- Dimittreiff, George. Reaming bit. 2,739,791, 3-27-56, Cl. 287-126.
- Dimmel, Martin O., and P. J. Spellman. Deicing snow plow for track rails. 2,765,547, 10-9-56, Cl. 37-36.
- Dimmer, Robert P., to Automatic Electric Laboratories, Inc. Twenty cycle generator. 2,761,546, 6-19-56, Cl. 321-68.
- Dimmer, Robert P., to Automatic Electric Laboratories, Inc. Electronic pressure revolution counter device. 2,766,936, 10-16-56, Cl. 235-132.
- Dimmett, James E., to Rockwell Mfg. Co. Dual selective registers. 2,769,594, 11-6-56, Cl. 235-91.
- Dimond, Harold L. : *See*—  
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- Di Nardo, Albert, J. H. Gardner, and N. C. Robertson, to National Research Corp. Production of chemicals. 2,769,846, 11-6-56, Cl. 260-635.
- Dines, James M. : *See*—  
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- Chubb, Melvin F., and Dines. 2,745,893.
- Dingley, Edward N., Jr. Magnetic tape recorder-reproducer. Re. 24,182, 7-17-56, Cl. 179-100.2.
- Dingman, Glen H., to Bendix Aviation Corp. Ignition apparatus. 2,761,996, 9-4-56, Cl. 315-211.
- Dingman, Thomas C., and J. W. Jamieson, to Ford Motor Co. Door lock. 2,735,710, 2-21-56, Cl. 292-280.
- Dingman, Thomas C., and J. W. Jamieson, to Ford Motor Co. Door lock. 2,754,671, 7-17-56, Cl. 70-135.
- Dingman, Thomas C., and E. F. Cook, to Ford Motor Co. Motor vehicle luggage compartment lock. 2,767,571, 10-23-56, Cl. 292-39.
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- Palm, Bernhard A. 2,747,735.
- Di Nicola, Joseph. Paint drop finger. 2,763,510, 9-18-56, Cl. 25-63.
- Dinkelkamp, Henry T., to Stewart-Warner Corp. Lubricant pressure regulating valve. 2,731,034, 1-17-56, Cl. 137-495.
- Dinkelkamp, Henry T., to Stewart-Warner Corp. Reciprocating fluid motor and valve mechanism therefor. 2,745,387, 5-15-56, Cl. 121-154.
- Dinkelkamp, Henry T., to Stewart-Warner Corp. Float operated air eliminator. 2,756,682, 7-31-56, Cl. 103-178.
- Dinkelkamp, Henry T., to Stewart-Warner Corp. Hydro-pneumatic pressure control apparatus. 2,765,804, 10-9-56, Cl. 137-95.
- Dinkelkamp, Henry T., and E. Feicht, to Stewart-Warner Corp. Reciprocating fluid motor and valve control therefor. 2,740,384, 4-3-56, Cl. 121-152.
- Dinley, Clarence F., to Detrex Corp. Filtering apparatus. 2,765,924, 10-9-56, Cl. 210-181.
- Dinley, Clarence F., Jr., and I. J. Duncan, to Detrex Corp. Method of filling food containers and the like. 2,740,734, 4-3-56, Cl. 134-29.
- Dinneen, Jack : *See*—  
 Edmond, Joseph A. 2,752,064.
- Dinner, Moe : *See*—  
 Epstein, Herbert S. 2,766,042.
- Dinsmore, Theodore E. Arming device for torpedo exploders. 2,748,704, 6-5-56, Cl. 102-70.2.
- Dinsmore, Albert P., to General Motors Corp. Propeller control. 2,754,819, 7-17-56, Cl. 170-160.21.
- Dinsmore, Arthur S., to Seneca Falls Machine Co. Turn-table transfer mechanism. 2,770,141, 11-13-56, Cl. 74-99.
- Dinsmore, Arthur S., and E. R. Smith, to Seneca Falls Machine Co. Work-handling mechanism for machine tools. 2,739,717, 3-27-56, Cl. 214-1.
- Dinsmore, Dawson J. Device for disconnecting sash balance cables. 2,761,173, 9-4-56, Cl. 16-206.
- Dinstman, Hyman. Waterproof watch case and crystal. 2,745,245, 5-15-56, Cl. 55-90.
- Dinwiddie, James A., W. O. Milligan, and M. A. Mosesman, to Esso Research and Engineering Co. Production of gamma alumina. 2,749,216, 6-5-56, Cl. 23-143.
- Dinwiddie, James A., and M. A. Mosesman, to Esso Research and Engineering Co. Method for converting hydrocarbons with a platinum-on-alumina catalyst. 2,761,819, 9-4-56, Cl. 196-50.



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- Diogene, Henri C. J. M., to Hollywood-Maxwell Co. Elastic grille. 2,738,029, 2-28-56, Cl. 2-37.
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- Dion, Lucien. 2,750,202.
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- Dion, Lucien, to Dion Freres Inc. Feeding device for agricultural machines. 2,755,911, 7-24-56, Cl. 198-103.
- Dion, Lucien, to Dion Freres Inc. Wheeled vehicle with adjustable frame. 2,763,497, 9-18-56, Cl. 280-490.
- Dion, Raymond P. *See*—
- Brouwer, Benjamin W., and Dion. 2,746,487.
  - Dion, Warren E., to The Bristol Co. Interlock for manual-automatic control systems. 2,753,499, 7-3-56, Cl. 318-29.
  - Dionisotti, Joseph. Rock drill adapted to inject fluid into a bore hole. 2,764,387, 9-25-56, Cl. 235-19.
  - Dionne, John C. Method of and apparatus for detecting flaws in magnetizable bodies. 2,740,090, 3-27-56, Cl. 324-37.
  - Diotti, Giacinto,  $\frac{1}{2}$  to Snia Viscosa, Societa Nazionale Industria Applicazioni Viscosa, Societa per Azioni. Process for the recovery of furfural and a fuel from waste blast liquor. 2,768,176, 10-23-56, Cl. 260-347.9.
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- Dipner, Charles D., W. O. Teeters, and J. M. Wrightson, to The M. W. Kellogg Co. Dispersion of fluorochlorocarbon polymers. 2,775,569, 12-25-56, Cl. 260-32.8.
- Dippel, Cornelius J. *See*—
- De Lange, Jelis, Jonker, Keuning, and Dippel. 2,764,484.
- Dippel, Cornelius J., and H. J. Houtman, to Hartford National Bank and Trust Co., trustee. Method of producing a photographic image by physical development. 2,755,773, 2-21-56, Cl. 95-88.
- Dippel, Cornelius J., and H. Jonker, to Hartford National Bank and Trust Co., trustee. Process for producing colored photographic contrasts. 2,750,292, 6-12-56, Cl. 95-88.
- D'Ippolito, Peter *See*—
- Clemente, Agostino. 2,757,584.
  - Clemente, Agostino, and D'Ippolito. 2,768,561.
- Dirckx, Rudolph H. Movable picture toy. 2,732,655, 1-31-56, Cl. 46-36.
- Diraccon, C. *See*—
- Mullaney, John H. 2,770,802.
- Di Renzo, Simon,  $\frac{1}{2}$  to J. J. McDevitt. Devices for indicating expiration of frozen foods to unsafe temperatures. 2,753,270, 7-3-56, Cl. 90-192.
- Dirschner, Josef *See*—
- Aschenwald, Johann. 2,743,826.
- Di Ruscio, Vincent J. Bench vice adjustable around horizontal axis by rack and pinion. 2,750,824, 6-19-56, Cl. 81-33.
- Di Salvo, Philip A. *See*—
- Waldman, Samuel W. 2,740,008.
- Di Santo, Carmine C. *See*—
- Starr, Donald F., and Di Santo. 2,752,360.
- Disbrow, Donald R., to Union Steam Pump Co. Pump and packing. 2,741,991, 4-17-56, Cl. 103-103.
- Disckind, Morton J. *See*—
- Chase, Carl T., Disckind, and Earle. 2,741,571.
- Diseker, Alan G. Poultry feeder. 2,735,401, 2-21-56, Cl. 119-52.
- Dishal, Milton, to International Telephone and Telegraph Corp. Band pass filters. 2,749,523, 6-5-56, Cl. 333-73.
- Dispenza, Charles. Recording rain gauge. 2,735,298, 2-21-56, Cl. 73-171.
- Display Corp. *See*—
- Van Den Berg, Richard H. 2,729,008.
- Di Stefano, Francesco. Second operation production chucking machine. 2,745,168, 5-15-56, Cl. 29-38.
- Di Stefano, John F., to Thompson Products, Inc. Submerged booster pump. 2,760,437, 8-28-56, Cl. 103-88.
- Di Stefano, John F., and F. E. Smith, to Thompson Products, Inc. Submerged booster pump assembly. 2,761,393, 9-4-56, Cl. 103-88.
- Distemmaier, Alfred, to Schenley Industries, Inc. Novel chemotherapeutic agents comprising dialkyl vinyl ethers of diethylstilbestrol. 2,748,169, 5-29-56, Cl. 260-613.
- Distillers Co. Ltd., The *See*—
- Abbott, Leslie S., Faulkner, and Hollis. 2,739,972.
  - Abbott, Leslie S., and Graham. 2,762,813.
  - Bellinger, Frederick J. 2,746,843.
  - Bewley, Thomas, and Aller. 2,734,921.
  - Brick, Eric C. 2,760,956.
  - Cash, Wilfrid E., and Gell. 2,759,967.
  - Dike, Max H., Faulkner, and Merry. 2,755,259.
  - Dike, Max H., Faulkner, and Merry. 2,755,262.
  - Hall, Reginald H. 2,744,121.
  - Hall, Reginald H., Jacobs, and Jaquet. 2,732,940.
  - Howlett, John, and Lamburd. 2,757,131.
  - Howlett, John, and Lamburd. 2,766,192.
  - Lacey, Richard N. 2,758,984.
  - Lacey, Richard N. 2,766,289.
  - Milne, John N., and Crick. 2,759,910.
- Distillers Co. Ltd., The *See*—Continued
- Munday, Charles W. 2,741,703.
  - Munday, Charles W., Peakin, and Griffiths. 2,744,234.
  - Philip, Thomas B. 2,766,904.
  - Southwood, John. 2,772,312.
  - Vaughan, Mervyn F. 2,734,594.
  - Vaughan, Mervyn F., and Bellringer. 2,741,583.
- Distin, Lionel S., to Ericsson Telephones Ltd. Polarized electromagnetic devices (polarized relay). 2,741,728, 4-10-56, Cl. 317-172.
- Ditch, Franklin D., to Thomas Industries Inc. Roller-type paint applicators. 2,743,469, 5-1-56, Cl. 15-128.
- Di Tirro, Domenic A., to Ross Operating Valve Co. Valve. 2,774,369, 12-18-56, Cl. 137-102.
- Ditmar, Willem P. A., to Lever Brothers Co. Heat-sealed package of liquid or plastic. 2,751,072, 6-19-56, Cl. 206-46.
- Di Toro, Michael J., to International Telephone and Telegraph Corp. Narrow band communication system. 2,766,325, 10-9-56, Cl. 179-15.55.
- Di Toro, Michael J., to International Telephone and Telegraph Corp. Noise suppression device. 2,771,586, 11-20-56, Cl. 333-73.
- Di Trapani, Frank. Detachable handle. 2,734,221, 2-14-56, Cl. 16-114.
- Ditrick, Norman H., to Radio Corp. of America. Method of forming p-n junctions in n-type germanium. 2,761,800, 9-5-56, Cl. 148-1.5.
- Ditter, Francis J. Aircraft ski. 2,733,026, 1-31-56, Cl. 244-108.
- Dittman, Albert L. *See*—
- Passinio, Herbert J., Dittman, and Wrightson. 2,774,751.
  - Teeters, Wilber O., Passinio, and Dittman. 2,770,606.
- Dittman, Albert L., to M. W. Kellogg Co. Manufacture of perhalocarbon polymers. 2,739,960, 3-27-56, Cl. 260-92.1.
- Dittman, Albert L., H. J. Passinio, and W. O. Teeters, to The M. W. Kellogg Co. Copolymer of trifluorochloroethylene and vinylidene fluoride. 2,738,343, 3-13-56, Cl. 260-87.7.
- Dittman, Albert L., H. J. Passinio, and W. O. Teeters, to The M. W. Kellogg Co. Copolymers of a perfluorochloroethylene and a fluoroethylene and method for their preparation. 2,752,331, 6-26-56, Cl. 260-87.7.
- Dittman, Albert L., and J. M. Wrightson, to The M. W. Kellogg Co. Chlorinated acyl peroxides and method for their manufacture. 2,775,618, 12-25-56, Cl. 260-610.
- Dittmar, Harry R. *See*—
- Coleman, Joseph J., and Dittman. 2,771,380.
- Dittmar, Gerhard *See*—
- Schmidt, Karl, Müller, Pütter, Suckfüll, and Dittmar. 2,753,344.
- Dittmar, Gerhard, R. Putter, and F. Suckfüll, to Farbenfabriken Bayer Aktiengesellschaft. Metal complex forming azo dyestuffs. 2,734,052, 2-7-56, Cl. 260-146.
- Dittmar, Harry R. *See*—
- Hinkamp, James B., Sugimoto, and Dittmar. 2,734,910.
- Dittmar, Harry R., to Ethyl Corp. Trichlorodinitrobenzenes. 2,749,372, 6-25-56, Cl. 260-046.
- Dittmore-Freimuth Corp. *See*—
- Dittmore, Ray H., Richter, Shadd, McMillan, and Trickle. 2,768,105.
  - Dittmore, Ray H., Richter, Shadd, McMillan, and Trickle. 2,771,540.
  - Trickle, Russell W., Jr. 2,752,676.
- Dittmore, Ray H., W. Richter, D. Shadd, J. A. McMillan, and R. W. Trickle, Jr., to Dittmore-Freimuth Corp. Method of splicing coaxial cables. 2,768,105, 10-23-56, Cl. 154-222.
- Dittmore, Ray H., W. Richter, D. Shadd, J. A. McMillan, and R. W. Trickle, Jr., to Dittmore-Freimuth Corp. Soldering transformer for splicing coaxial cables. 2,771,540, 11-20-56, Cl. 219-85.
- Ditto, Fred W., to General Motors Corp. Surface grinding device. 2,765,597, 10-9-56, Cl. 51-241.
- Ditto, Inc. *See*—
- Bruns, Herbert F. 2,753,795.
  - Hertsch, James V. 2,737,109.
  - Levin, Carl A. 2,740,353.
- Dittrich, Rudolf. Method and apparatus for making crochet curtain materials and similar textile goods with a net-like basic pattern. 2,736,179, 2-28-56, Cl. 66-85.
- Ditze, Heinrich *See*—
- Ostwald, Erich, and Ditzel. 2,773,581.
- Diveley, William R. *See*—
- Buntin, George A., and Diveley. 2,766,170.
- Diveley, William R., to Hercules Powder Co. 3-halo-2-tetrahydroxybutanal S-(0,0-dialkyl phosphorothioate) and pesticide containing the same. 2,766,171, 10-9-56, Cl. 167-33.
- Diven, Lincoln, and R. R. Waer, to International Telephone and Telegraph Corp. Frequency divider. 2,753,455, 7-3-56, Cl. 250-36.
- Diversey Corp., The *See*—
- Farison, Robert E. 2,746,465.
  - Hodgens, John G., Jr. 2,748,790.
  - Hodgens, John G., Jr. 2,766,767.
- Divine Brothers Co. *See*—
- Brown, Alfred S., and A. M. 2,747,981.
- Divine, James H. Sectional tieless fastener and camming washer means therefor. 2,765,698, 10-9-56, Cl. 85-5.
- Dix, Richard K., to R. E. Dix. Animal figure and sound-simulating velocipede. 2,740,636, 4-3-56, Cl. 280-1.14.
- Dix, Robert E. *See*—
- Dix, Richard K. 2,740,636.
- Dix, Sydney. Milling machine. 2,734,426, 2-14-56, Cl. 90-11.
- Dix, S. A. *See*—
- Bellmann, Reinhold. 2,768,831.

- Dixie Cup Co.: *See*—  
 Bennett, Herbert L. 2,729,080.  
 Bennett, Herbert L. 2,729,528.  
 Bennett, Herbert L. 2,763,421.  
 Carew, Herman. 2,755,051.  
 Carew, Herman. 2,755,071.  
 Carew, Herman. 2,757,839.  
 Carew, Herman. 2,770,958.
- Dixie Wax Paper Co.: *See*—  
 Bryce, William H. 2,752,085.  
 Bryce, William H. 2,763,571.
- Dixon, Albert L. Box or case. 2,758,777, 8-14-56, Cl. 229-27.
- Dixon, Charles E. Process for the drying of timber or other materials. 2,756,513, 7-31-56, Cl. 34-37.
- Dixon, Charles H., to Ex-Cell-O Corp. Container with releasable pouring opening. 2,730,288, 1-10-56, Cl. 229-17.
- Dixon, Charles H., to Ex-Cell-O Corp. Container of paper-board or the like. 2,730,289, 1-10-56, Cl. 229-17.
- Dixon Corp.: *See*—  
 Rulon-Miller, Robert, and Tabor. 2,774,549.  
 Tabor, Warner H. Re. 24,207.
- Dixon, Donald D.: *See*—  
 Nagode, Henry S. 2,741,239.
- Dixon, Frederick W., to Harry Ferguson Research Ltd. Rear wheel drive and braking unit therefor. 2,751,029, 6-19-56, Cl. 180-44.
- Dixon, Guy E., Jr. Accordion folding door. 2,746,540, 5-22-56, Cl. 160-206.
- Dixon, Henry J., and A. G. Gauterin, to British Insulated Callender's Cables Ltd. Electric cable coupling devices. 2,748,581, 5-29-56, Cl. 339-64.
- Dixon, Henry J., and G. H. Webster, to British Insulated Callender's Cables Ltd. Manufacture of metal tubes applicable in some cases as electric conductors or other parts of electric cables. 2,749,866, 6-12-56, Cl. 113-33.
- Dixon, James K., to American Cyanamid Co. Method of preparing unsaturated nitriles. 2,745,864, 3-15-56, Cl. 260-464.
- Dixon, James K., and J. E. Longfield, to American Cyanamid Co. Cyanogen production. 2,730,430, 1-10-56, Cl. 23-151.
- Dixon, James K., S. W. Tribit, and W. O. Eucate, to American Cyanamid Co. Partial oxidation of naphthalene to produce mixtures containing a high proportion of naphthoquinone. 2,765,323, 10-2-56, Cl. 260-396.
- Dixon, John J., to Duff-Norton Co. Push-pull jack. 2,771,787, 11-27-56, Cl. 74-424.8.
- Dixon, John J., Sr. Replacement for Venetian blind slat-supporting strap. 2,771,946, 11-27-56, Cl. 160-178.
- Dixon, Joseph A., to California Research Corp. Polyamide-polyamate-thickened grease. 2,752,312, 6-26-56, Cl. 252-33.6.
- Dixon, Joseph A., to California Research Corp. Amate-dioxylate-thickened grease. 2,756,213, 7-24-56, Cl. 252-33.6.
- Dixon, Lowell R., and P. H. Conklin, Gauges. 2,734,277, 2-14-56, Cl. 33-172.
- Dixon, Lyman W. Suspending binder strip and tab unit for calendars and the like. 2,774,161, 12-18-56, Cl. 40-119.
- Dixon, Paul H., to Dixon Research, Inc. Clamping device. 2,744,780, 5-8-56, Cl. 294-115.
- Dixon, Paul H., to the United States of America as represented by the Secretary of the Army. Feed mechanism. 2,746,357, 5-22-56, Cl. 89-33.
- Dixon, Paul H., to Dixon Research, Inc. Reciprocating drive mechanism. 2,755,673, 7-24-56, Cl. 74-57.
- Dixon, Paul H., to Dixon Research, Inc. Accelerator holding device. 2,765,672, 10-9-56, Cl. 74-513.
- Dixon, Paul H., to the United States of America as represented by the Secretary of the Army. Feed mechanism. 2,766,663, 10-16-56, Cl. 89-33.
- Dixon Research, Inc.: *See*—  
 Dixon, Paul H. 2,744,780.  
 Dixon, Paul H. 2,765,672.  
 Francis, Andrew J., Jr. 2,765,671.
- Dixon, Roland E., to Phillips Petroleum Co. Deformation of reaction products. 2,759,032, 8-14-56, Cl. 260-683.4.
- Dixon, Roland E., and C. S. Kelley, to Phillips Petroleum Co. Isomerization of hydrocarbons. 2,764,624, 9-25-56, Cl. 260-683.5.
- Dixon, Ronald H. T.: *See*—  
 Busby, Arthur D., and Dixon. 2,757,082.
- Dixon, Samuel M. Safety door retainer with latch. 2,758,864, 8-14-56, Cl. 292-302.
- Dixon, Stanley M., and J. E. Davies, to Westinghouse Garrard Ticket Machines Ltd. Stop device for ticket issuing machines and the like. 2,739,686, 3-27-56, Cl. 192-159.
- Djerassi, Carl.: *See*—  
 Rosenkranz, George, and Djerassi. 2,773,073.  
 Rosenkranz, George, and Djerassi. 2,773,887.  
 Rosenkranz, George, Pataki, and Djerassi. 2,733,240.  
 Sondheimer, Franz, Djerassi, Rosenkranz, and Mancera. 2,751,379.
- Djerassi, Carl, and G. Rosenkranz, to American Syntex Inc. Process for producing  $\Delta^4$ -pregnen-11 $\alpha$ , 21-diol-3, 20-diones and intermediate therefor. 2,773,855, 2-21-56, Cl. 260-397.45.
- Djerassi, Carl, L. Miramontes, and G. Rosenkranz, to Syntex S. A.  $\Delta^4$ -19-nor-17 $\alpha$ -ethynyl-androsten-17 $\beta$ -ol-3-one and process. 2,744,122, 5-1-56, Cl. 260-397.4.
- Djerassi, Carl, F. Sondheimer, and G. Rosenkranz, to Syntex S. A. Cyclopentanophenanthrene compounds and method for the production thereof. 2,753,342, 7-3-56, Cl. 260-239.53.
- Djerassi, Carl, F. Sondheimer, and G. Rosenkranz, to Syntex S. A. 19-norandrostanoles and process. 2,756,244, 7-24-56, Cl. 260-397.4.
- Djerassi, Carl, G. Rosenkranz, and L. L. Miramontes, to Syntex S. A. Cyclopentanophenanthrene derivatives and compounds. 2,759,951, 8-21-56, Cl. 260-397.3.
- Djerassi, Carl, and G. Rosenkranz, to Syntex S. A. Ring A halogenated allopregnanes. 2,767,199, 10-16-56, Cl. 260-397.45.
- Djerassi, Carl, and G. Rosenkranz, to Syntex S. A. Process for the production of allopregnan-3 $\beta$ ,11 $\beta$ ,17 $\alpha$ ,20 $\beta$ ,21-pentols. 2,773,074, 12-4-56, Cl. 260-397.5.
- Djerassi, Carl, and G. Rosenkranz, to Syntex S. A. Cyclopentanophenanthrene derivatives and method for preparation thereof. 2,773,079, 12-4-56, Cl. 260-397.45.
- Djerassi, Carl, L. Miramontes, and G. Rosenkranz, to Syntex S. A. 17 $\alpha$ -methyl-19-nortestosterone. 2,774,777, 12-18-56, Cl. 260-397.4.
- D'Lower, Irving D. Hair dress haircut. 2,774,356, 12-18-56, Cl. 132-7.
- Diugatch, Meyer. Hood latch locking device for automobiles. 2,743,601, 5-29-56, Cl. 70-240.
- Diugosch, Paul A., to Noble Mfg. Co. Sectional hinge connected drawbars. 2,735,251, 2-21-56, Cl. 53-150.
- Doak, Edmond R. Impeller propelled aerodynamic body. 2,730,311, 1-10-56, Cl. 244-12.
- Doak, Kenneth W., to United States Rubber Co. Rubber treatment. 2,734,885, 2-14-56, Cl. 260-41.5.
- Doak, Kenneth W., to United States Rubber Co. Rubber treatment. 2,734,886, 2-14-56, Cl. 260-41.5.
- Doak, Kenneth W., and R. A. Gregg, to United States Rubber Co. Rubber treatment. 2,734,887, 2-14-56, Cl. 260-41.5.
- Doak, Kenneth W., and R. R. Garza, to the United States of America as represented by the Secretary of the Army. Contact-latch type firing mechanism for rocket launchers. 2,764,066, 9-25-56, Cl. 89-1.7.
- Doan, Richard L., to Phillips Petroleum Co. Apparatus for determining relative permeability of formations. 2,736,197, 2-21-56, Cl. 135-155.
- Doane, Arthur E. Structural joint connection in panel construction. 2,746,891, 5-22-56, Cl. 154-43.
- Doane, Harry C., to General Motors Corp. Electric connector. 2,731,617, 1-17-56, Cl. 339-258.
- Doane, Harry C., to General Motors Corp. Illuminatable indicating devices. 2,738,755, 3-20-56, Cl. 116-124.
- Doane, Harry C., to General Motors Corp. Illuminated dial devices. 2,738,756, 3-20-56, Cl. 116-124.
- Doane, Harry C., to General Motors Corp. Flywheel, clutch and starter housing drain. 2,770,971, 11-20-56, Cl. 74-6.
- Doane, Jerry D. Newcombe, Jack, and Doane. 2,748,080.
- Doat, Robert. Automatic casting apparatus. 2,763,041, 9-18-56, Cl. 22-65.
- Doat, Robert. Refractory linings for furnaces and method of producing. 2,768,088, 10-2-56, Cl. 106-56.
- Doak, Stephen, Jr., and L. W. Morrison, Jr., to Bell Telephone Laboratories, Inc. Coincidence circuit. 2,733,436, 1-31-56, Cl. 343-7.
- Dobay, Donald G., to Union Carbide and Carbon Corp. Process for preparing octaethylcyclotetrasiloxane. 2,769,829, 11-6-56, Cl. 260-448.2.
- Dobay, Donald G., to Union Carbide and Carbon Corp. Process for preparing hexaethylcyclotrisiloxane. 2,769,830, 11-6-56, Cl. 260-448.2.
- Dobbie, Thomas A., and J. B. Sturges, to Union Oil Co. of California. Constant rate liquid dispenser. 2,771,228, 11-6-56, Cl. 222-481.
- Dobbins, Albert L. Adjustable and foldable canopy. 2,771,125, 11-20-56, Cl. 155-154.
- Dobbins, Murrell F., Jr.: *See*—  
 Schuster, Paul, and Dobbins. 2,762,425.
- Dobbins, Walter J., III, to American Can Co. Nozzle container with flexible telescoping pouring spout. 2,773,632, 12-11-56, Cl. 222-525.
- Dobbratz, Edward J., and T. J. Hady. Remote control wiring systems. 2,768,333, 10-23-56, Cl. 317-122.
- Dohfs, Fred. Propeller blade reshaping machine. 2,742,947, 2-24-56, Cl. 153-78.
- Dohls, Richard H. Support for vehicle loading skids. 2,742,995, 4-24-56, Cl. 193-41.
- Dobeckman, C. The: *See*—  
 Lucy, George H. 2,772,994.
- Dobehart, Walter E., and Betts. 2,746,359.
- Dobbs, Michael J., and J. H. Smith, to The National Acme Co. Shockproof overload relay. 2,755,358, 7-17-56, Cl. 200-116.
- Dobkin, William J. Paper towel dispenser. 2,738,934, 3-20-56, Cl. 242-55.4.
- Dobkin, William J., to American Dispenser Co., Inc. Soap dispensers. 2,771,118, 11-27-56, Cl. 292-83.
- Doble, Abner, to McCulloch Motors Corp. Fluid pressure engine. 2,730,996, 1-17-56, Cl. 121-102.
- Doble Engineering Co.: *See*—  
 Doble, Frank C. 2,756,587.
- Doble, Frank C., to Doble Engineering Co. Tensiometer. 2,756,587, 7-31-56, Cl. 73-53.
- Doble, Warren, to Jabsco Pump Co. Impeller pump. 2,772,637, 12-4-56, Cl. 103-117.
- Dobosy, Joseph F., to Radio Corp. of America. Video signal mixing amplifier circuits. 2,751,445, 6-19-56, Cl. 179-171.
- Dobratz, Elmer H., to Monsanto Chemical Co. Isomerization of maleic acid to fumaric acid in the presence of gaseous chlorine. 2,758,134, 8-7-56, Cl. 260-537.



- Dobrick, Joseph: *See*—  
Day, Lawrence, Dobrick, and Kay. 2,740,237.
- Dobrogowski, Daniel T., R. M. Roen, and R. H. Jones, to Milwaukee Stamping Co. Escapement mechanism for record players. 2,739,817, 3-27-56, Cl. 274—10.
- Dobrogowski, Daniel T., R. M. Roen, and R. H. Jones, to Milwaukee Stamping Co. Automatic record changer for various record sizes. 2,763,486, 9-18-56, Cl. 274—10.
- Dobrovoly, Frank J., to E. I. du Pont de Nemours and Co. Method of producing synthetic mica. 2,741,877, 4-17-56, Cl. 49—77.
- Dobson, Frank E.: *See*—  
Rowlands, Tom, and Dobson. 2,735,732.
- Dobson, Franklin A., and J. V. Mariner, to the United States of America as represented by the Secretary of the Air Force. Manhole cover. 2,765,097, 10-2-56, Cl. 290—60.
- Dobson, Harry E. Machine for closing the flaps of a foldable carton at one end prior to the filling operation. 2,739,613, 3-27-56, Cl. 93—36.8.
- Dobson, Richard D., and H. van der Kolk, to Bureau van Tongeren N. V. Cyclones. 2,767,840, 10-23-56, Cl. 209—144.
- Dobson, Robert D.: *See*—  
Hawley, Harold K., and Dobson. 2,733,251.
- Dochterman, Richard W., to General Electric Co. Submersible dynamoelectric machine. 2,740,908, 4-8-56, Cl. 310—87.
- Dock, Mortimer R. Chain shackles having a resilient clip. 2,739,586, 3-27-56, Cl. 59—86.
- Dock, Mortimer R. Chain shackle. 2,731,791, 1-24-56, Cl. 59—86.
- Docken, Melford H. Revolving teeter-totter. 2,769,635, 11-6-56, Cl. 272—30.
- Dodgen, Earl, Ralph L., to Esso Research and Engineering Co. Control of foaming and loss of acid in concentration of sulfuric acid. 2,762,690, 9-11-56, Cl. 23—173.
- Dockum, Charles R. Projector system for composing in color and form. 2,731,264, 1-17-56, Cl. 272—10.
- Dr. Salsbury's Laboratories: *See*—  
Zebnick, Thomas W., and Peterson. 2,748,051.
- Dodd, Arthur E., to Westinghouse Air Brake Co. Battery checking circuit arrangement. 2,735,966, 2-21-56, Cl. 317—141.
- Dodd, Arthur E., to Westinghouse Air Brake Co. Lightout pilot lamp. 3-blade, 4-indication signalling system. 2,736,794, 2-28-56, Cl. 246—50.
- Dodd, Arthur E., to Westinghouse Air Brake Co. Electrical relay operating circuit for control of highway crossing signals. 2,748,265, 5-29-56, Cl. 246—130.
- Dodd, Arthur E., to Westinghouse Air Brake Co. Railway switch controlling apparatus. 2,769,901, 11-6-56, Cl. 246—219.
- Dodd, Arthur E., and J. E. McMahon, to Westinghouse Air Brake Co. Graduated time control system for highway crossing signals. 2,734,130, 2-7-56, Cl. 246—130.
- Dodd, Clinton R., T. P. Hartner, and H. Robinson, to Baker & Co. Method of making a composite metal rod. 2,761,207, 9-4-56, Cl. 29—47.3.
- Dodd, David H., 1/2 to W. C. Windsor, Jr. Method for making structural members. 2,732,607, 1-31-56, Cl. 25—154.
- Dodd, Edward A.: *See*—  
Axtion, Robert T. 2,741,356.
- Dodd, John. Device for the attachment of tools to drilling and other power operated metal working machines. 2,730,220, 1-10-56, Cl. 192—114.
- Dodd, Roy F., to the United States of America as represented by the Secretary of the Navy. Search-track radar control. 2,762,294, 9-11-56, Cl. 74—471.
- Dodd, Roy F., and A. A. Nims, to the United States of America as represented by the Secretary of the Navy. Quick release coupling having detachable screw thimble-land. 2,774,616, 12-18-56, Cl. 285—33.
- Dodd, Thomas G., to Hospital Sanitation Equipment Corp. Apparatus for disposing of contaminated waste. 2,731,208, 1-17-56, Cl. 241—41.
- Dodds, Dan L. Method of making a sewing needle. 2,758,648, 8-14-56, Cl. 163—5.
- Dodds, Earl E.: *See*—  
Le Baron, Theodore, and Dodds. 2,746,751.
- Dodds, John W. Lockable valve. 2,748,794, 6-5-56, Cl. 137—385.
- Dodds, Nugent, to the United States of America as represented by the Secretary of War. Incendiary pellet. 2,754,761, 4-17-56, Cl. 102—90.
- Dodds, Nugent, to G. Hume. Bird feeder. 2,773,474, 12-11-56, Cl. 119—55.
- Dodds, Wellesley J., to Radio Corp. of America. Electron beam tubes. 2,758,244, 8-7-56, Cl. 315—3.5.
- Dodds, Wellesley J., to Radio Corp. of America. Electron beam tubes. 2,772,213, 12-4-56, Cl. 315—3.6.
- Dodeghe, Carl, to W. F. O'Keefe. Ticket machines. 2,755,084, 7-17-56, Cl. 271—2.4.
- Dodge, Adiel Y., to Borg-Warner Corp. One way clutches. 2,731,122, 1-17-56, Cl. 192—45.1.
- Dodge, Adiel Y. Variable speed drives. 2,732,831, 1-31-56, Cl. 123—41.2.
- Dodge, Adiel Y. Tooth clutches. 2,735,528, 2-21-56, Cl. 192—48.
- Dodge, Adiel Y. Transmission. 2,738,689, 3-20-56, Cl. 74—732.
- Dodge, Adiel Y. Refrigerating system. 2,739,452, 3-27-56, Cl. 62—3.
- Dodge, Adiel Y. Control systems for engine driven vehicles. 2,741,350, 4-10-56, Cl. 192—092.
- Dodge, Adiel Y., to Borg-Warner Corp. One way clutches. 2,753,028, 7-3-56, Cl. 192—45.1.
- Dodge, Adiel Y. Slip coupling. 2,763,141, 9-18-56, Cl. 64—30.
- Dodge, Adiel Y. Shock absorber. 2,772,085, 11-27-56, Cl. 267—1.
- Dodge, Adiel Y., and W. A. Robertson. Double clutches. 2,751,055, 6-19-56, Cl. 192—48.
- Dodge, Encel H.: *See*—  
Brown, Edgar H., Jr., Dodge, and Bjorksten. 2,739,083.
- Dodge, Erle H., to Sylvania Electric Products Inc. Exhaust head construction. 2,751,153, 6-19-56, Cl. 226—20.4.
- Dodge, Ernest E. Time released animal feeder. 2,752,995, 7-3-56, Cl. 161—10.
- Dodge, Howard G. Torque sensitive reversible motion actuator. 2,751,219, 6-19-56, Cl. 268—59.
- Dodge Mfg. Corp.: *See*—  
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- Doeg, Ralph W., to Nash-Kelvinator Corp. Refrigerating apparatus. 2,731,314, 1-17-56, Cl. 309—19.
- Doeg, Ralph W., to American Motors Corp. Refrigerating apparatus. 2,752,943, 7-3-56, Cl. 137—512.15.
- Doeg, Ralph W., to Nash-Kelvinator Corp. Two-temperature refrigerating system. 2,773,355, 12-11-56, Cl. 62—3.
- Doebler, Oskar: *See*—  
Brück, Lothar, Doehler, and Kleen. 2,768,297.
- Doelling, James E.: *See*—  
Mankin, Paul A., Klopfenstein, and Doelling. 2,731,171.
- Doelz, Melvin L., to Collins Radio Co. Wind-up coil. 2,731,605, 1-17-56, Cl. 336—15.
- Doe, Leslie W., Doe, and Fisher. 2,747,327.
- Doebel, Karl, and H. Spiegelberg, to Hoffmann-La Roche Inc. Process for the manufacture of novel xanthine bases and salts thereof. 2,761,861, 9-4-56, Cl. 260—247.7.
- Doebel, Karl, and H. Spiegelberg, to Hoffmann-La Roche Inc. Process for the manufacture of xanthine derivatives. 2,762,925, 9-4-56, Cl. 260—256.
- Doebel, Karl, and H. Spiegelberg, to Hoffmann-La Roche Inc. 1, 3-Di-(lower alkyl)-7-(3-keto-2-butyl) xanthines and process of making same. 2,761,863, 9-4-56, Cl. 260—256.
- Doeg, Paul R., to The Peelle Co. Low voltage reversing edges. 2,740,856, 4-3-56, Cl. 200—61.43.
- Doeg, Ralph W., to Nash-Kelvinator Corp. Refrigerating apparatus. 2,731,314, 1-17-56, Cl. 309—19.
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- Doebler, Oskar: *See*—  
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- Doelling, James E.: *See*—  
Mankin, Paul A., Klopfenstein, and Doelling. 2,731,171.
- Doelz, Melvin L., to Collins Radio Co. Wind-up coil. 2,731,605, 1-17-56, Cl. 336—15.

- Doelz, Melvin L., to Collins Radio Co. Variable band width intermediate frequency system. 2,747,084, 5-22-56, Cl. 250-20.
- Doelz, Melvin L., to Collins Radio Co. Multiple frequency communication system. 2,771,545, 11-20-56, Cl. 250-8.
- Doelz, Melvin L., and F. C. Wallace, to Collins Radio Co. Disc holding and frequency measuring apparatus. 2,734,379, 2-14-56, Cl. 73-67.
- Doelz, Melvin L., and W. E. Whittington, to Collins Radio Co. Temperature compensation for a magnetostrictive transducer. 2,730,168, 8-30-56, Cl. 333-71.
- Doepke, Charles W., and O. L. Moehringer, to The Charles Wm. Doepke Mfg. Co. Sectional dispensing receptacle for small parts. 2,754,998, 7-17-56, Cl. 222-129.
- Doepke, Charles W., and O. L. Moehringer, to The Charles Wm. Doepke Mfg. Co. Small parts receptacle and dispenser. 2,755,001, 7-17-56, Cl. 222-165.
- Doepke, Charles Wm., Mfg. Co., The: See—  
Doepke, Charles W., and Moehringer. 2,754,998.
- Doepke, Charles W., and Moehringer. 2,755,001.
- Doepfel, Carl F. Funnel stoppers. 2,754,042, 7-10-56, Cl. 25-36.
- Doering, Charles: See—  
Skoglund, Bertil J. 2,770,038.
- Doering, Charles and H. H., and B. J. Skoglund: said Skoglund assor. to said C. Doering and said H. H. Doering. Continuous feeding and slicing mechanism for plastic substances and the like. 2,770,029, 11-13-56, Cl. 31-20.
- Doering, Frank F. W. Electrical control for internal combustion engine neutralizers. 2,755,786, 7-24-56, Cl. 123-124.
- Doering, Henry: See—  
Skoglund, Bertil J. 2,770,038.
- Doering, Henry H.: See—  
Doering, Charles and H. H. 2,770,039.
- Doering, Robert F.: See—  
Goldberg, Albert L., and Doering. 2,765,286.
- Doerner, Ernst H.: See—  
Weber, Carl, Doerner, Mantonya, and Doerner. 2,743,671.
- Doerner, Mona P., to The Dow Chemical Co. 1-chloro-2,3-butanedione-3-oxime. 2,732,268, 1-31-56, Cl. 260-566.
- Doerner, Mona P., to The Dow Chemical Co. Synthesis of 1-halo-2,3-butanedione-3-oximes. 2,734,084, 2-7-56, Cl. 260-566.
- Doerner, Mona P., to The Dow Chemical Co. L-3-(2-propionylthio)alanine. 2,757,196, 7-31-56, Cl. 260-534.
- Doerner, Mona P., to The Dow Chemical Co. Dithiooxamides. 2,772,309, 11-27-56, Cl. 260-551.
- Doerner, Otto D.: See—  
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- Doerner, Otto D., to John Deter Mfg. Co. Lathe and drill press assembly. 2,765,009, 10-2-56, Cl. 144-92.
- Doerr, Edward L., to Monsanto Chemical Co. N-(alkylmercaptoalkyl) polyamine herbicides. 2,762,697, 9-11-56, Cl. 71-2-7.
- Doerr, Raymond S.: See—  
Diget, Lewis K., and Doerr. 2,735,473.
- Doerwald, Albert, to Benrus Watch Co., Inc. Hinged claw watch bracelets. 2,765,108, 10-2-56, Cl. 224-4.
- Doherty, Francis C.: See—  
Typhers, James F., and Doherty. 2,772,784.
- Doherty, Harry G., and C. J. Plank, to Socony Mobil Oil Co., Inc. Reactivation of metal-poisoned catalysts. 2,758,097, 8-7-56, Cl. 252-413.
- Doherty, Harry G., and C. J. Plank, to Socony Mobil Oil Co., Inc. Reactivation of metal-poisoned catalysts. 2,764,557, 9-5-56, Cl. 252-411.
- Doherty, Walter G. Cold asphaltic paving mixture and a process of making it. 2,750,297, 6-12-56, Cl. 106-170.
- Doherty, William H. Shoe bottom press. 2,770,010, 11-13-56, Cl. 18-17.
- Dohler, Oscar, and B. Epstein, to Compagnie Generale de Telegraphie Sans Fil. 2,730,678, 10-10-56, Cl. 333-31.
- Döhler, Oscar, H. Huber, and W. Kleen, to Compagnie Generale de Telegraphie Sans Fil. Traveling wave tube. 2,745,983, 5-15-56, Cl. 315-3.5.
- Dohler, Oscar: See—  
Warnecke, Robert, and Dohler. 2,770,780.
- Dohrmann, Bruce: See—  
Forslund, Charles F., Jr. 2,753,836.
- Pierce, Gus S. 2,752,831.
- Dohrmann, Gerald R.,  $\frac{1}{4}$  to O. Dohrmann. Remote control spotlight. 2,754,411, 7-10-56, Cl. 240-61.9.
- Dohrmann, O.: See—  
Dohrmann, Gerald R. 2,754,411.
- Dohrmann, Robert R.: See—  
Bradley, James P., and Dohrmann. 2,752,257.
- Dohrman, Walter H. Adjustable wagon box brace. 2,771,317, 11-20-56, Cl. 296-15.
- Doi, Yoshikazu, to Fuji Photo Film Co., Ltd. Wide angle high aperture five component photographic objective. 2,735,339, 2-21-56, Cl. 88-57.
- Dolamore, Earl W., to Watts Electric & Mfg. Co. Light bulb socket assembly. 2,734,178, 2-7-56, Cl. 339-127.
- Dolan, Arthur: See—  
Burbig, Henry, and Dolan. 2,754,821.
- Dolan, Francis D., to The American Floor Surfacing Machine Co. Adjustable support for portable power saws. 2,761,474, 9-4-56, Cl. 143-43.
- Dolan, Francis D., to The American Floor Surfacing Machine Co. Portable motor tool and method of assembling same. 2,763,802, 9-18-56, Cl. 310-255.
- Dolan, Joseph A. Laundry machine. 2,750,776, 6-19-56, Cl. 68-12.
- Dolan, Patrick. Moisture release and aligning device. 2,770,848, 11-20-56, Cl. 20-8.
- Dolan, Thomas E.: See—  
Bock, Carl J., and Dolan. 2,740,303.
- Dolan, Thomas E., and J. B. Murray, to Chance Vought Aircraft, Inc. Synchronizing device for aircraft folding wing hydraulic systems. 2,736,515, 2-28-56, Cl. 244-49.
- Dolar, Edward. Covered dish. 2,747,388, 5-29-56, Cl. 65-60.
- Dolar, Edward. Combination condiment holder. 2,753,084, 7-3-56, Cl. 222-142.2.
- Dolberg, Charles E., to Philco Corp. Energy radiation system. 2,737,655, 3-6-56, Cl. 343-17.1.
- Dold, Louis R. Clotheshpin. 2,748,437, 6-5-56, Cl. 24-137.
- Dole, Florence K.: See—  
Whittard, Arthur W. 2,767,622.
- Dole, James, Engineering Co.: See—  
Martin, William M. 2,771,644.
- Martin, William M. 2,771,645.
- Martin, William M., and Ryan. 2,744,531.
- Dole Refrigerating Co.: See—  
Kleist, Herman W. 2,737,027.
- Kleist, Herman W. 2,744,388.
- Kleist, Herman W. 2,775,683.
- Dole Valve Co., The: See—  
Bauerlein, Carl C. 2,736,465.
- Bauerlein, Carl C. 2,754,999.
- Bauerlein, Carl C. 2,758,773.
- Bauerlein, Carl C. 2,766,910.
- Chace, Thomas B. 2,732,859.
- Chace, Thomas B. 2,749,044.
- Chace, Thomas B. 2,772,833.
- Eskin, Samuel G. 2,749,043.
- Eskin, Samuel G. 2,758,177.
- Eskin, Samuel G. 2,758,178.
- Eskin, Samuel G. 2,758,642.
- Eskin, Samuel G. 2,774,539.
- Eskin, Samuel G. 2,774,541.
- Kozel, James A. 2,742,053.
- Kraft, El Roy J. 2,740,587.
- Kraft, El Roy J. 2,751,254.
- Kraft, Elroy J., and Wasserman. 2,746,374.
- Lund, James K., Re. 24,255.
- Dolezal, Karel: See—  
Method of manufacture of spectacles. 2,746,087, 5-22-56, Cl. 18-48.
- Doljan, William E., to C. F. Kleinkecht. Gyroscopic top. 2,762,162, 9-11-56, Cl. 46-50.
- Doll, Franz: See—  
van Ackeren, Paul, and Doll. 2,746,786.
- Doll, Franz, to Koppers Co., Inc. Apparatus for unfastening coke oven doors. 2,752,183, 6-26-56, Cl. 292-1.
- Doll, Franz, to Koppers Co., Inc. Coke oven door. 2,772,226, 11-27-56, Cl. 202-248.
- Doll, Franz, and G. Brandenbusch, to Koppers Co., Inc. Apparatus for unfastening spring latched coke oven doors. 2,753,200, 7-3-56, Cl. 292-1.
- Doll, Henri-Georges, to Schlumberger Well Surveying Corp. Induction caliper. 2,736,967, 3-6-56, Cl. 33-178.
- Doll, Henri-Georges, to Schlumberger Well Surveying Corp. Methods and apparatus for determining hydraulic characteristics of formations traversed by a borehole. 2,747,401, 5-29-56, Cl. 73-151.
- Doll, Henri-Georges, to Schlumberger Well Surveying Corp. Differential pressure well logging. 2,747,402, 5-29-56, Cl. 73-152.
- Doll, Henri-Georges, to Schlumberger Well Surveying Corp. Electrical logging in non-conductive drilling liquids. 2,749,503, 6-5-56, Cl. 324-1.
- Doll, Henri-Georges, to Schlumberger Well Surveying Corp. Methods and systems for maintaining alternating current networks in a reference condition. 2,753,520, 7-3-56, Cl. 324-6.
- Doll, Henri-Georges, to Schlumberger Well Surveying Corp. Induction well logging apparatus. 2,761,103, 8-28-56, Cl. 324-10.
- Doll, Ludwig, Jr. Stocking. 2,729,824, 1-10-56, Cl. 2-239.
- Doll, Walter, Jr., P. Martsolf, Jr., and C. R. Soderberg, Jr., to United States Air Corp. Compressor blading. 2,746,672, 5-22-56, Cl. 230-122.
- Dollac Corp.: See—  
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- Brudney, Harry. 2,753,660.
- Dollar, Fred W. Resilient bumper protector cover. 2,758,866, 8-14-56, Cl. 293-71.
- Dollar, Fred W. Resilient bumper guard protector. 2,762,646, 9-11-56, Cl. 293-71.
- Dollar, Milford F. Incinerator. 2,744,478, 5-8-56, Cl. 111-18.
- Dollinger, Fritz, and C. L. Kumpers, to F. A. Kumpers K. G. Tightening-pulley mounting for the lower tape of tape drawing rollers. 2,745,145, 5-15-56, Cl. 19-131.
- Dollinger, Lewis L. Space heater for use with a fireplace. 2,743,720, 5-1-56, Cl. 126-121.
- Dolliver, Morris A.: See—  
Semenoff, Serge, and Dolliver. 2,745,826.
- Dollman, David Y.: See—  
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- Dolloff, Norman H. Polarization prevention in electrolysis of sulfide ores. 2,761,829, 9-4-56, Cl. 204-114.
- Dolney, Joseph J., to The Singer Mfg. Co. Elastic tape guides and tensioning means for sewing machines. 2,761,401, 9-4-56, Cl. 112-152.
- Dolude, Roman J., to Summers Gyroscope Co. Gravity detection for gyroverticals. 2,734,385, 2-14-56, Cl. 74-545.



- Dolza, John, to General Motors Corp. Vehicle refrigerating apparatus. 2,734,352, 2-14-56, Cl. 62—117.1.
- Dolza, John, to General Motors Corp. Self-containing air conditioning unit in an automobile. 2,760,347, 8-28-56, Cl. 62—64.1.
- Dolza, John, to General Motors Corp. Engine cooling system. 2,760,468, 8-28-56, Cl. 123—41.1.
- Dolza, John, to General Motors Corp. Induction means. 2,763,251, 9-18-56, Cl. 123—119.
- Dolza, John, to General Motors Corp. Flash and mold for V-6 cylinder block. 2,768,414, 10-30-56, Cl. 22—101.
- Dolza, John, and W. K. Steinhagen, to General Motors Corp. Thermostat. 2,739,835, 3-27-56, Cl. 297—12.
- Dolza, John, E. W. Rohrbacher, and J. Zimmerman, to General Motors Corp. Gear pump. 2,746,394, 5-22-56, Cl. 103—26.
- Dolza, John, and R. D. Harvey, to General Motors Corp. Pressure sensing apparatus. 2,746,427, 5-22-56, Cl. 121—41.
- Dolza, John, G. P. Ransom, and D. C. Unger, to General Motors Corp. Engine. 2,763,252, 9-18-56, Cl. 123—122.
- Dolza, John, and B. E. Cederleaf, to General Motors Corp. Cylinder for internal combustion engine. 2,766,742, 10-16-56, Cl. 123—41.78.
- Dolza, John, W. K. Steinhagen, and R. S. Johnson, to General Motors Corp. Thermostat. 2,769,660, 11-6-56, Cl. 297—12.
- Dombrowski, George E.: *See—*
- Offe, Hans-Albert, Sietken, and Domagk. 2,767,192.
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- Doman Helicopters, Inc.: *See—*
- Du Pont, Stephen. 2,770,967.
- Zeepp, Thomas E. 2,760,588.
- Doman, John J., and J. L. Mooney, Jr. Knockdown building. 2,733,482, 2-7-56, Cl. 20—2.
- Dombeck, Edward K., to Bendix Aviation Corp. Brake and actuating mechanism therefor. 2,770,325, 11-13-56, Cl. 188—18.
- Dombeck, Edward K., to Bendix Aviation Corp. Brake assembly. 2,770,328, 11-13-56, Cl. 188—78.
- Domberger, Karl, and S. Rael. Manifold housing and telephone support. 2,731,763, 1-24-56, Cl. 45—5.
- Dombrowski, George E.: *See—*
- Dench, Edward C., and Dombrowski. 2,745,987.
- Dombrowski, Henry S., C. W. Sanders, Jr., and E. Wall, to E. I. du Pont de Nemours and Co. Sectionalized reaction vessel. 2,730,353, 1-10-56, Cl. 266—43.
- Domburg, Jacobus: *See—*
- Six, Willem, and Domburg. 2,739,265.
- Six, Willem, and Domburg. 2,757,807.
- Six, Willem, and Domburg. 2,763,722.
- Dome, Robert B., to General Electric Co. Video frequency amplifier. 2,758,159, 8-7-56, Cl. 179—171.
- Dome, Robert B., to General Electric Co. Video from sync signal separator. 2,773,122, 12-4-56, Cl. 178—73.
- Domenech, Michel, 25% to S. J. Lustig. Film processing hanger. 2,774,291, 12-18-56, Cl. 93—100.
- Dongemau, James: *See—*
- Zaubrecher, Ferdinand N. 2,761,262.
- Doménichini, Carlo P., and H. J. Thomas, Jr., to Raytheon Mfg. Co. Duplexing systems. 2,735,071, 2-14-56, Cl. 338—13.
- Doménico, Stephen P. Apparatus for removal of paint from bowling pins. 2,746,069, Cl. 15—4.
- Domeshek, Sol. Means for translating perspective views into plan views. 2,736,094, 2-28-56, Cl. 33—1.
- Domeshek, Sol. Photographic rectifiers. 2,736,230, 2-28-56, Cl. 88—24.
- Domeshek, Sol. Low oblique rectifying and ratio camera. 2,773,419, 12-11-56, Cl. 88—24.
- Domicone, Joseph J., to Corning Glass Works. Method of preparing silica. 2,768,063, 10-23-56, Cl. 23—182.
- Domingue, Evariste: *See—*
- Gendreau, Joseph A., Fuller, and Domingue. 2,775,474.
- Dominguez, Richard A. Collapsible seat structure. 2,742,955, 4-24-56, Cl. 153—133.
- Dominguez y Salmeron, Gabriel R.: *See—*
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- Dominion Corset Co. Ltd.: *See—*
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- Dominion Engineering Works Ltd.: *See—*
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- Dominion Magnesium Ltd.: *See—*
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- Dominion Road Machinery Co., Ltd., The: *See—*
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- Dominion Textile Co. Ltd.: *See—*
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- Domino, Frank. Brush with handle. 2,761,163, 9-4-56, Cl. 15—176.
- Domog, John J.: *See—*
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- Domagalla, Bernard. Killing algae in water with copper alkanolamine salts. 2,734,028, 2-7-56, Cl. 210—23.
- Domovs, Kelvin: *See—*
- Freund, Ernest H., and Domovs. 2,745,775.
- Domsitz, Myron G.: *See—*
- Almquist, Nils T., Domsitz, and Shuffer. 2,766,964.
- Donaghey, William B., C. B. Stapleton, and J. P. Dempsey, to Vinco Corp. Gear testing fixture. 2,741,034, 4-10-56, Cl. 33—179.5.
- Donahoe, Donald J. Material loading, dispensing and spreading device. 2,755,092, 7-17-56, Cl. 275—1.
- Donahue, Daniel J.: *See—*
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- Donahue, Daniel J., to Radio Corp. of America. Method for electroforming a copper article. 2,762,762, 9-11-56, Cl. 204—11.
- Donahue, William A., to General Motors Corp. Apparatus and method for securing a nut to a sheet member. 2,749,606, 6-12-56, Cl. 29—432.
- Donahue, William J., Jr.: *See—*
- Graumann, Raymond L., and Donahue. 2,741,183.
- Donald, John S., to Radio Corp. of America. Amplitude modulation. 2,756,392, 7-24-56, Cl. 332—48.
- Donald, Alexander, and L. McGihon, to A. R. Silva. Casing machine. 2,746,226, 5-22-56, Cl. 53—391.
- Donald, Bruce B. Implement for use in clearing or cleaning drains or ditches. 2,737,769, 3-19-56, Cl. 56—27.
- Donald, Ralph J., to Minneapolis-Honeywell Regulator Co. Pressure transducer apparatus. 2,769,070, 10-30-56, Cl. 201—48.
- Donald, Philip J., and E. V. Larson, to Minneapolis-Honeywell Regulator Co. Electric apparatus for measuring pressure. 2,733,486, 2-7-56, Cl. 14-56, Cl. 73—398.
- Donaldson, Charles H., and L. A. Dragos. Coring machine. 2,760,757, 8-28-56, Cl. 255—36.
- Donaldson Co., Inc.: *See—*
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- Donaldson, Harris M., and W. D. Hebern. Cotton bale tie means. 2,736,078, 2-28-56, Cl. 24—22.
- Donaldson, Harry C., Jr., to Cluett Peabody & Co., Inc. Composite thread. 2,731,788, 1-24-56, Cl. 57—140.
- Donaldson, Kenneth M.: *See—*
- Kishbaugh, Robert W., and Donaldson. 2,761,923.
- Donaldson, E., and D. C. England, to Eastman Kodak Co. Treated cellulose organic acid ester fibers. 2,743,193, 4-24-56, Cl. 117—139.5.
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- Donaldson, Robert D., to Minneapolis-Honeywell Regulator Co. Control device. 2,751,457, 6-19-56, Cl. 200—81.5.
- Donaldson, Robert D., and R. S. Park, to Allied Chemical & Dye Corp. Production of benzene hexachloride gamma isomer compositions. 2,767,223, 10-16-56, Cl. 260—648.
- Donaldson, Thomas M.: *See—*
- Johnson, Edwin W., Donaldson, and Hewey. 2,769,418.
- Donaldson, William T., and J. C. Hetrick, to Ethyl Corp. Treatment of benzene hexachloride. 2,729,684, 1-3-56, Cl. 260—648.
- Donaruma, Lorraine G., to E. I. du Pont de Nemours and Co. Process for the production of caprolactam. 2,763,644, 4-24-56, Cl. 260—239.3.
- Donaruma, Lorraine G., to E. I. du Pont de Nemours and Co. Production of amide intermediates. 2,763,685, 9-18-56, Cl. 260—566.
- Donaruma, Lorraine G., to E. I. du Pont de Nemours and Co. Production of oximes. 2,763,686, 9-18-56, Cl. 260—566.
- Donaruma, Lorraine G., and D. C. England, to E. I. du Pont de Nemours and Co. Production of caprolactam. 2,769,807, 11-6-56, Cl. 260—239.3.
- Donat, Ernst. Electrical impulse transmitter with magnetoelectrical self-control. 2,761,982, 9-4-56, Cl. 310—32.
- Donath, Ernest H., to Koppers Co., Inc. Gasification of fuels. 2,751,287, 6-19-56, Cl. 48—73.
- Donath, Erwin: *See—*
- Brinster, John F., and Donath. 2,765,211.
- Donath, Erwin, and W. S. Knowles, to Applied Science Corp. Compensated data transmission. 2,753,547, 7-3-56, Cl. 340—183.
- Donato, John A., to Erie Meter Systems, Inc. Oil filter seal construction. 2,770,367, 11-13-56, Cl. 210—148.
- Donau-Pharmazie Gesellschaft m. b. H.: *See—*
- Zellner, Hugo. 2,758,113.
- Doncaster, Daniel P., to Columbia Broadcasting System, Inc. Manufacture of stereophonic phonograph records. 2,772,888, 12-4-56, Cl. 274—46.
- Donceel, Jules L. J.: *See—*
- Kruthoff, Jakob, Nys, and Donceel. 2,740,844.
- Kruthoff, Jakob, Nys, and Donceel. 2,758,158.
- Done, Harry. Shoe innersoles with filler retaining means. 2,735,196, 2-21-56, Cl. 38—22.
- Donehower, William P., to M. and B. D. Hartzell. Discharge and stacking mechanism for space band cleaning machines. 2,731,159, 1-17-56, Cl. 214—6.
- Donelan, James A., to Firell-General Cable Works Ltd. Apparatus and methods for welding electric cable sheaths. 2,756,309, 7-24-56, Cl. 219—6.
- Donelan, James A., to The General Electric Co. Ltd. Apparatus and methods for welding metal tubes. 2,760,042, 8-21-56, Cl. 219—6.
- Donelian, Khatchik O., and J. R. Menke, to the United States of America as represented by the United States Atomic Energy Commission. Electromagnetic centrifugal pump. 2,730,951, 1-17-56, Cl. 103—1.
- Donell, Earl B. Carburetor fluid level control device. 2,758,639, 9-18-56, Cl. 158—36.3.
- Donges, Hans: *See—*
- Klemp, Siegfried, and Donges. 2,774,565.
- Donham, Horace D. Magnetic junk catcher. 2,734,767, 2-14-56, Cl. 294—85.5.
- Doniger, Sundel. Tools. 2,743,524, 5-1-56, Cl. 30—342.

- Donjon, Jacques P. A., to Bendix Aviation Corp. Remote frequency control. 2,755,375, 7-17-56, Cl. 250-17.
- Donley, Carson O.: See—  
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- Donley, Carson O., to General Motors Corp. Bearing and method of making the same. 2,765,520, 10-9-56, Cl. 29-196.3.
- Donley, Raymond J.: See—  
Graham, Charles D., Jr., and Donley. 2,736,700.
- Donnahue, Thomas C. Portable prefabricated shelter. 2,741,635, 6-26-56, Cl. 20-2.
- Donnay, Jacques R., to Societe Nouvelle de l'Outillage R. B. V. et de la Radio-Industrie (R. B. V.-R. I.). Voltage supply arrangements for television cameras. 2,754,451, 7-10-56, Cl. 315-22.
- Donnell, Conrad K.: See—  
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- Donnelley, R. R., & Sons Co.: See—  
Borth, Paul F., Peterka, and Wilson. 2,740,323.  
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- Donnelly, William M. Cigarette extinguisher and self-emptying ash tray. 2,762,876, 9-11-56, Cl. 131-235.
- Donner, Hans O., to Soltam Ltd. Striker device for mortar. 2,733,638, 2-7-56, Cl. 89-1.
- Donner, Hans O., to Soltam Ltd. Base plate of grenade mortar. 2,763,707, 10-9-56, Cl. 89-37.
- Donner, Hans O., to Soltam Ltd. Mortar projectile. 2,773,450, 12-11-56, Cl. 102-93.
- Donner, Ralph E.: See—  
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- Donoho, Charles K.: See—  
Carter, Sam F., Jr., Donoho, and Dyke. 2,765,225.
- Donohue, Harry E. Body supporting furniture and method of making the same. 2,764,228, 9-25-56, Cl. 155-179.
- Donovan, Howard W., to General Dynamics Corp. Adjustable stroke actuator. 2,746,314, 5-22-56, Cl. 74-424.8.
- Donovan, Howard W., to General Dynamics Corp. Switching apparatus. 2,768,258, 6-23-56, Cl. 200-67.
- Donovan, Joseph A., T. W. Koester, and T. H. Milliken, Jr., to Houdry Process Corp. Preparation of catalyst containing ions of cobalt and molybdenum. 2,755,257, 7-17-56, Cl. 252-465.
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- Doolan, William. Elevator overload indicator and safety device. 2,752,007, 6-26-56, Cl. 187-29.
- Dooley, Edward J.: See—  
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- Dooley, Eugene F., and E. J. Utility tray mechanism for automobiles or the like. 2,733,109, 1-31-56, Cl. 311-21.
- Dooley, James E., Jr. Flow leveling mechanism. 2,737,867, 3-3-56, Cl. 27-46.27.
- Dooley, Philip G., to United Aircraft Corp. Air swirlers surrounding fuel nozzle discharge end. 2,752,753, 7-3-56, Cl. 60-39.74.
- Dooley, William P., to American Viscose Corp. Stationary condenser. 2,755,510, 7-3-56, Cl. 244-63.
- Dooley, William P., to American Viscose Corp. Fluid processing system for running strand. 2,764,012, 9-25-56, Cl. 68-205.
- Doolittle, Charles, to Westinghouse Air Brake Co. Brake control apparatus. 2,772,904, 12-4-56, Cl. 291-2.
- Doolittle, Donald B.: See—  
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- Doolittle, Donald B., to All American Engineering Co. Means for transporting and launching landing crafts. 2,729,405, 1-3-56, Cl. 247-2.
- Doolittle, Donald B., to All American Engineering Co. Ribbon brake unit with inertia control. 2,771,128, 11-20-56, Cl. 155-189.
- Doolittle, Donald B., to All American Engineering Co. Jet power system. 2,771,257, 11-20-56, Cl. 244-63.
- Doolittle, Donald B., and R. B. Janney, Jr., to the United States of America as represented by the Secretary of the Navy. Constant tension winch. 2,763,467, 9-18-56, Cl. 254-172.
- Doolittle, Howard D., to Machlett Laboratories, Inc. Conduction device. 2,740,911, 4-3-56, Cl. 313-34.
- Doolittle, Howard D., to Machlett Laboratories, Inc. Filament structure. 2,748,311, 5-29-56, Cl. 313-264.
- Doolittle, Howard D., to Machlett Laboratories, Inc. Filament structure for electron tube. 2,751,517, 6-19-56, Cl. 313-265.
- Doolittle, Howard D., and J. W. Skehan, to Machlett Laboratories, Inc. Electron discharge tubes. 2,750,535, 6-12-56, Cl. 315-32.
- Doormann, Luz M. Method to insulate compartments and maintain a uniform temperature in automobiles and other transports. 2,768,672, 10-30-56, Cl. 154-28.
- Dorpen, Isiah. Mechanism to abstract liquid from gas. 2,746,476, 5-22-56, Cl. 137-204.
- Dorkins, Evan E., to Ottawa Steel, Inc. Tractor mounted high lift loader. 2,774,496, 12-18-56, Cl. 214-140.
- Dopp, Carl A., and R. P. Setka, to Crane Co. Swing check valve. 2,763,287, 9-18-56, Cl. 137-527.8.
- Doran, John G. Shelf bracket. 2,729,314, 1-3-56, Cl. 189-34.
- Dorbin Metal Strip Mfg. Co., Inc.: See—  
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- Dore, Evelyn. Skid preventing devices for automotive vehicles. 2,748,826, 6-5-56, Cl. 152-179.
- Dore, Frank M. Extensible roller skate with toe clamping means. 2,732,217, 1-24-56, Cl. 280-11.26.
- Dore, John E., to Kaiser Aluminum & Chemical Corp. Trough for transferring molten metal. 2,744,303, 5-8-56, Cl. 22-79.
- Doremus, John A., C. K. Stenerson, and H. C. Waterman, to Motorola, Inc. Lock-out system. 2,731,622, 1-17-56, Cl. 34-163.
- Doremus, John A., to Motorola, Inc. Signalling circuit. 2,738,455, 3-13-56, Cl. 320-1.
- Doremus, John A., to Motorola, Inc. Coupling unit. 2,756,414, 7-24-56, Cl. 340-310.
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- Dorey, George B., to Enterprise Railway Equipment Co. Dump door mechanism for a railway car. 2,730,965, 1-17-56, Cl. 105-289.
- Dorey, George B., to Enterprise Railway Equipment Co. Hopper door latching mechanism. 2,730,966, 1-17-56, Cl. 105-300.
- Dorey, George B., to Enterprise Railway Equipment Co. Dump door winding and locking mechanism. 2,733,669, 2-7-56, Cl. 105-301.
- Dorey, George B., to Enterprise Railway Equipment Co. Discharge outlet structure for a load containing hopper. 2,738,734, 3-20-56, Cl. 105-282.
- Dorey, George B., to Enterprise Railway Equipment Co. Frame structure for discharge opening of a railway car hopper. 2,738,736, 3-20-56, Cl. 105-282.
- Dorey, George B., to Enterprise Railway Equipment Co. Hopper frame for sliding door of a railway dump car. 2,738,738, 3-20-56, Cl. 105-282.
- Dorey, George B., to Enterprise Railway Equipment Co. Railway car hopper outlet assembly. 2,738,739, 3-20-56, Cl. 105-282.
- Dorey, George B., to Enterprise Railway Equipment Co. Operating mechanism for sliding closure for railway car hoppers. 2,738,740, 3-20-56, Cl. 105-305.
- Dorey, George B., to Enterprise Railway Equipment Co. Sliding closure for discharge outlet. 2,741,192, 4-10-56, Cl. 105-282.
- Dorey, George B., to Enterprise Railway Equipment Co. Operating mechanism for dumping door. 2,741,194, 4-10-56, Cl. 105-301.
- Dorey, George B., to Enterprise Railway Equipment Co. Operating frame for rotating shaft of hopper closure. 2,749,770, 6-12-56, Cl. 74-548.
- Dorey, George B., to Enterprise Railway Equipment Co. Sealing bolt mechanism for a discharge outlet. 2,749,851, 6-12-56, Cl. 105-308.
- Dorey, George B., to Enterprise Railway Equipment Co. Guiding means for sliding closure of hopper discharge opening. 2,750,074, 6-12-56, Cl. 232-80.
- Dorey, George B., to Continental Transport Appliances, Ltd. Automatic slack adjuster. 2,751,049, 6-19-56, Cl. 188-198.
- Dorey, George B., to Enterprise Railway Equipment Co. Hopper discharge outlet structure and sealing means therefor. 2,751,892, 6-26-56, Cl. 105-282.
- Dorey, George B., to Enterprise Railway Equipment Co. Framing structure for a discharge outlet. 2,753,815, 7-10-56, Cl. 105-282.
- Dorey, George B. Brake slack adjuster. 2,770,331, 11-13-56, Cl. 188-196.
- Dorey, George B. Pawl releasing means for a slack adjuster. 2,770,332, 11-13-56, Cl. 188-196.
- Dorey, Gordon B., to Continental Transport Appliances, Ltd. Rotating mechanism for a brake slack adjuster. 2,750,803, 6-19-56, Cl. 74-157.
- Dorf, Fred B.: See—  
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- Dorfman, Morton I. Air lifting apparatus. 2,732,030, 1-24-56, Cl. 183-58.
- Dorfman, Morton I., to Mechanical Industries, Inc. Throttling gate valve. 2,740,426, 4-3-56, Cl. 158-45.
- Dorfman, Hilor D., and M. Bausenheimer, to Westinghouse Electric Corp. Mounting means for circuit breakers. 2,733,321, 1-31-56, Cl. 200-168.
- Dorfman, Oscar W., and E. Peters, to Auto Lamp Mfg. Co. Signal light system for motor vehicles. 2,740,105, 3-27-56, Cl. 315-36.
- Dorgelo, Eduard G. to Hartford National Bank and Trust Co., trustee. Duplex tube. 2,751,521, 6-19-56, Cl. 315-39.
- Dorgelo, Eduard G., to Hartford National Bank and Trust Co., trustee. Device comprising an electric discharge tube. 2,753,482, 7-3-56, Cl. 315-6.
- Dorgelys, Henri J., to H. Cagen. Optical mounting structure. 2,763,762, 7-10-56, Cl. 88-41.
- Doriat, Martin: See—  
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- Dorinson, Amos, to Sinclair Refining Co. Extreme pressure lubricants containing diesters of chloroacetic acid. 2,771,423, 11-20-56, Cl. 252-54.6.
- Dorkins, Evan E., to L. A. Young Spring & Wire Corp. Back hoe excavator. 2,764,306, 9-25-56, Cl. 214-510.
- Dorko, Emil J. Ventilating toilet. 2,728,921, 1-3-56, Cl. 4-216.



- Dori, Francis J. L. Roller bearings. 2,734,787, 2-14-56, Cl. 308-214.
- Dorland, Robert R.: *See*—  
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- Dorland, Robert R., to Bendix Aviation Corp. Carburetor. 2,736,540, 2-25-56, Cl. 261-43.
- Dorland, Robert R., and P. E. Roberts. Artificial board. 2,744,013, 5-1-56, Cl. 92-21.
- Dorman, Charles R. Decorating implement. 2,753,641, 7-10-56, Cl. 41-55.
- Dorman, Elwood H., to H. K. Porter Co., Inc. of Pittsburgh. Broom type hand rake construction. 2,766,577, 10-10-56, Cl. 56-400-17.
- Dorman, Leonard M., to Talon, Inc. Method of making a slider for a slide fastener. 2,764,807, 10-2-56, Cl. 29-409.
- Dorman, Stanley, and A. Anderson, to Block & Anderson Ltd. Methods of preparing master copies for hectographic printing. 2,738,727, 3-20-56, Cl. 101-149-4.
- Dorman, Stephen C., and A. B. Lindquist, Jr., to Stauffer Chemical Co. Method of sterilizing soil. 2,766,554, 10-16-56, Cl. 47-58.
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- Dorn, Heinrich W., and W. S. Hamilton. Thermoelectric relays. 2,775,668, 12-25-56, Cl. 200-122.
- Dormoy, Blanche R. Ski-binding operating device. 2,757,011, 7-31-56, Cl. 280-1135.
- Dorn, Herman W.: *See*—  
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- Dorn, Maxwell, and W. Rosenthal, to Bendix Aviation Corp. Illumination of indicating apparatus. 2,775,220, 12-25-56, Cl. 116-129.
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- Dornbush, William H., Jr. Gas burner. 2,754,894, 7-17-56, Cl. 158-106.
- Dornberg, Lawrence H., to Boeing Airplane Co. Latch. 2,732,238, 1-24-56, Cl. 292-113.
- D'Ornellas, Manuel L. Multiple tape apparatus. 2,755,030, 7-17-56, Cl. 242-55.
- Dorney, Patrick E., and C. P. Majkrzak, to International Telephone and Telegraph Corp. Tuning means for magnetrons. 2,738,441, 3-13-56, Cl. 315-39.61.
- Dornfeld, Clinton A.: *See*—  
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- Dornhofer, Warren J.: *See*—  
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- Dornhofer, Warren J., to Vickers Inc. Power transmission. 2,765,436, 10-2-56, Cl. 321-18.
- Doros, Adolph S., and T. W. Snow, to United Shoe Machinery Corp. Apparatus for assembling workpieces. 2,772,416, 7-17-56, Cl. 12-92.
- Dörpfer, Alfred P., to General Motors Corp. Steering gear for motor vehicles. 2,775,136, 12-25-56, Cl. 74-500.
- Dorpmund, Heinz, to Volkswagenwerk G. m. b. H. Synchronizing gears. 2,745,529, 5-15-56, Cl. 192-53.
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- Dorr, Joseph P. Printing plate gauge. 2,771,682, 11-27-56, Cl. 33-147.
- Dorr-Oliver Inc.: *See*—  
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- Dorsak, John, and T. F. Van Denberg, to The Gordon Armstrong Co., Inc. Nebulizer tip assembly. 2,740,665, 4-3-56, Cl. 299-86.
- Dorsch, Neal M. Sub-surface flaws. 2,762,286, 9-11-56, Cl. 97-78.
- Dorscheiner, Oskar, to Ruhrchemie Aktiengesellschaft, Oberhausen-Holten, and Luft- und Gesellschaft für Wärmetechnik m. b. H. Catalytic hydrogenation of carbon monoxide with indirect heat exchange cooling. 2,740,803, 4-3-56, Cl. 260-449.
- Dorsey, John J., Jr.: *See*—  
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- Dorsey, Robert, to General Electric Co. Incandescent lamp and attachments therefor. 2,749,432, 6-5-56, Cl. 240-10.
- Dorsey, Stella. Eryeshield. 2,755,803, 7-24-56, Cl. 128-254.
- Dorsey, William S., to Union Oil Co. of California. Production of hydrogen cyanide. 2,743,164, 4-24-56, Cl. 23-151.
- Dorsey, William S., to Union Oil Co. of California. Apparatus for the production of acetylene. 2,751,282, 6-19-56, Cl. 23-284.
- Dorsey, William S., W. D. Schaeffer, and C. B. Scott, to Union Oil Co. of California. Extractive distillation process employing benzotrifluoride as extraction agent. 2,763,604, 9-3-56, Cl. 302-39.5.
- Dorst, Stanley O.: *See*—  
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- Dorst, Stanley O., to Sprague Electric Co. Insulation films. 2,765,267, 10-2-56, Cl. 204-1.
- Dort, Russell L., to Deere & Co. Windrow pickup and distributing device. 2,729,048, 1-3-56, Cl. 56-351.
- Dort, Russell L., and M. W. Kraschewski, to Deere & Co. Mower hitch device. 2,739,436, 3-27-56, Cl. 56-25.
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- Dorton, Robert O., to The Dow Chemical Co. Dinitrobenzoxazoles. 2,746,971, 5-22-56, Cl. 260-307.
- Doser, Arnold, to Farbenfabriken Bayer Aktiengesellschaft. Isocyanate-bisulfite adduct-formaldehyde reaction and product. 2,746,988, 5-22-56, Cl. 260-513.
- Doskocil, Edward F. Clod knocker. 2,747,492, 5-29-56, Cl. 97-205.
- Doskocil, Edward F. Cultivator attachment. 2,771,832, 11-27-56, Cl. 97-205.
- Dosmann, Lucian P.: *See*—  
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- Dossie, Thomas J., and M. J. Parnes. Hinge aligning. 2,730,812, 1-17-56, Cl. 33-197.
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- Dostatni, Albert W., to Societe Preparation Industrielle des Combustibles, Dynamit, and Societe balanced vibrating agitators. 2,756,973, 7-31-56, Cl. 259-72.
- Doster, Ollie L. Dual distributor for internal-combustion engines. 2,747,563, 5-29-56, Cl. 123-195.
- Dostert, Raymond L., to Eversharp, Inc. Fountain pen. 2,749,483, 6-12-56, Cl. 120-486.
- Dotson, Billy J., to Socony Mobil Oil Co., Inc. Apparatus used in measuring interstitial water content and electrical resistivity of unmounted core samples. 2,745,057, 5-8-56, Cl. 324-13.
- Dotson, Donald A., to The Garrett Corp. Thermostatic valve. 2,749,487, 6-12-56, Cl. 236-102.
- Dotson, Orrie E., to The Atlas Plastic Mold and Die Co. Lever hoist. 2,770,339, 11-13-56, Cl. 192-116.
- Dotson, Roman W. Trailer hitches. 2,743,118, 4-24-56, Cl. 280-478.
- Doty, Alma E. Curtain fixtures. 2,773,546, 12-11-56, Cl. 10-139.
- Doty, Charles R., to International Business Machines Corp. Automatic zeros punching device under key and program card control. 2,737,241, 3-6-56, Cl. 164-113.
- Doty, Clifford B., to Chrysler Corp. Collapsible top side rail structure. 2,762,649, 9-11-56, Cl. 298-116.
- Doty, Clifford B., and G. R. Thomas, to Chrysler Corp. Seal means for a convertible vehicle top. 2,752,192, 6-28-56, Cl. 296-107.
- Doty, William E. N., and B. D. West, to Continental Oil Co. Methods of and apparatus for seismogram analysis. 2,759,875, 6-12-56, Cl. 340-15.
- Double Envelope Corp.: *See*—  
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- Doudera, John J., Jr., and M. L. Seaman, to American Can Co. Device for testing pressure in containers. 2,749,744, 6-12-56, Cl. 73-52.
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- Dougherty, Floyd C., to General Motors Corp. Gas turbine combustion chamber with telescoping casing and liner sections. 2,748,567, 6-5-56, Cl. 60-39.32.
- Dougherty, Frank H. Jaw crushers. 2,738,933, 3-20-56, Cl. 241-264.
- Dougherty, Patrick F., to Sun Oil Co. Heat exchanger. 2,745,639, 5-15-56, Cl. 257-1.
- Dougherty, Patrick F., to Sun Oil Co. Wax cake. 2,767,132, 10-16-56, Cl. 196-149.
- Dougherty, Patrick F., to Sun Oil Co. Detection of leaks in hydrocarbon storage systems. 2,772,564, 12-4-56, Cl. 73-40.5.
- Dougherty, Paul S., to Metal Coating Corp. Machine for manufacture of tanks and vessels. 2,753,826, 7-10-56, Cl. 113-59.
- Dougherty, Paul S., to Metal Coating Corp. Sheet metal fluid pressure storage vessel and method of forming the same. 2,758,367, 8-14-56, Cl. 29-446.
- Dougherty, Walter J., to Houdry Process Corp. Heat exchange between parallel reaction systems. 2,753,232, 7-17-56, Cl. 196-52.
- Doughman, Ferman C., J. Kosik, Jr., and J. T. Ferraris, to Electroflux Corp. Adjustable control for automatic vacuum cleaners. 2,758,670, 8-14-56, Cl. 193-37.
- Doughtnut Corp. of America: *See*—  
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- Doughty, Hartwell T. Tire lug assembly. 2,746,508, 5-22-56, Cl. 152-218.

- Doughty, Samuel L.: *See—*  
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- Douglas Aircraft Co., Inc.: *See—*  
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- Douglas, Alfred D., to The Michigan Book Binding Co. Display folder. 2,739,825, 3-27-56, Cl. 281-33.
- Douglas, Alvin P., to The Murray Ohio Mfg. Co. Bicycle transmission slipper operating mechanism. 2,732,728, 1-31-56, Cl. 74-473.
- Douglas, Alvin P., and W. E. Long, to The Murray Ohio Mfg. Co. Shifter mechanism for bicycle transmission. 2,754,696, 7-17-56, Cl. 74-781.
- Douglas, Alvin P., to The Murray Ohio Mfg. Co. Bicycle frame construction. 2,735,102, 7-17-56, Cl. 280-281.
- Douglas, Alvin P., to The Murray Ohio Mfg. Co. Transmission slipper operating device. 2,773,397, 12-11-56, Cl. 74-473.
- Douglas, Alvin P., to The Murray Ohio Mfg. Co. Two speed bicycle transmission. 2,773,401, 12-11-56, Cl. 74-781.
- Douglas, Alvin P., and G. B. Hahn, to The Murray Ohio Mfg. Co. Portable fan unit. 2,755,015, 7-17-56, Cl. 230-117.
- Douglas, Alvin P., and G. B. Hahn, to The Murray Ohio Mfg. Co. Airplane simulating juvenile vehicle. 2,755,095, 7-17-56, Cl. 280-112.
- Douglas, Bradley C.: *See—*  
 Brodbeck, Almer H., and Douglas. 2,735,483.
- Douglas, Bradley C., and H. H. Pryor, to Magic Chef, Inc. Electric pilot-flame igniter. 2,745,482, 5-15-56, Cl. 158-123.
- Douglas, Bradley C., to Magic Chef, Inc. Indicator system for gas-heated ovens or the like. 2,757,871, 8-7-56, Cl. 236-94.
- Douglas, Burke, to The Dow Chemical Co. Magnesium anode with perforated core. 2,763,907, 9-25-56, Cl. 22-203.
- Douglas, George R.: *See—*  
 Hanna, Clinton R., Douglas, and Oplinger. 2,763,450.
- Douglas, Greig C., Wagner, and I. S. Boydston, to Paralex Corp. Heating apparatus. 2,767,739, 8-7-56, Cl. 166-61.
- Douglas, James K., to The Oilgear Co. Hydraulic drive for elevators and the like. 2,749,708, 6-12-56, Cl. 60-52.
- Douglas, John F. H., and A. F. Kolb, to Cutler-Hammer, Inc. Alternating current electromagnets. 2,736,843, 2-28-56, Cl. 317-151.
- Douglas, Kenneth F., to Bendix Aviation Corp. Automatic variable speed gearing and hub brake for velopedices and the like. 2,741,934, 4-17-56, Cl. 74-751.
- Douglas Machine Products Co.: *See—*  
 Bond, Robert D., and Hungerford. 2,765,127.  
 Bond, Robert D., and Partlan. 2,767,887.
- Douglas, Ollie G. Variable speed control hydraulic clutch or coupling. 2,738,048, 3-13-56, Cl. 192-104.
- Douglas, Peyton W., to The Murray Corp. of America. Support for laundry machines. 2,734,707, 2-14-56, Cl. 248-18.
- Douglas, Peyton W., to Pennsylvania Range Boiler Co. Laundry dryers. 2,751,688, 6-26-56, Cl. 34-82.
- Douglas, Peyton W., to The Murray Corp. of America. Washing machines. 2,768,518, 10-30-56, Cl. 68-12.
- Douglas, Robert R., to American Meter Co., Inc. Gas meters. 2,741,122, 4-1-56, Cl. 73-263.
- Douglas, Robert R., to American Meter Co., Inc. Temperature compensated tangent. 2,753,712, 7-10-56, Cl. 73-281.
- Douglas, Ronald W., and J. W. Ryde, to Hazeltine Research, Inc. Junction-type transistors. 2,736,849, 2-28-56, Cl. 317-235.
- Douglas, Virgil R.: *See—*  
 Emanuel, Vincent, and Douglas. 2,756,968.
- Dougllass, Edward T., Jr. Apparatus for conveying wood shavings and the like. 2,735,585, 2-21-56, Cl. 222-238.
- Douglass, Emory W., and P. S. Dunn, to Potash Co. of America. Fused potash product and method for forming same. 2,771,353, 11-20-56, Cl. 71-64.
- Douglass, James L., to The Special Serp Products Co. Tube coupling with sealed conical interface. 2,775,471, 12-25-56, Cl. 285-332.
- Douma, John H.: *See—*  
 Levell, Thomas J., and Douma. 2,755,891.
- Douma, Tjiske, to Sierra Electronic Corp. Directional apparatus for use with high frequency transmission lines. 2,734,169, 2-7-56, Cl. 324-95.
- Douma, Tjiske, to Sierra Electronic Corp. Directional amplifier system and apparatus. 2,756,282, 7-24-56, Cl. 179-170.
- Doumani, Thomas F., to Union Oil Co. of California. Gasoline reforming process employing a nickel sulfate on alumina catalyst. 2,732,329, 1-24-56, Cl. 196-50.
- Doumani, Thomas F., to Union Oil Co. of California. Dealkylation of hydrocarbons. 2,734,929, 2-14-56, Cl. 260-672.
- Doumani, Thomas F., to Union Oil Co. of California. Catalytic process. 2,739,927, 3-27-56, Cl. 196-49.
- Doumani, Thomas F., to Union Oil Co. of California. Hydrocarbon conversion catalyst and process. 2,748,062, 5-29-56, Cl. 196-50.
- Doumit, Philip S. Tobacco pipe with bowl actuated scraper. 2,745,414, 5-15-56, Cl. 131-134.
- Dourdeville, Theodore A., to David Gessner Co. Roll-driving mechanism for a napping machine and torque control devices therefor. 2,739,366, 3-27-56, Cl. 26-34.
- Dournaud, Pierre A., J. Hydraulic binder. 2,752,261, 6-26-56, Cl. 106-117.
- Doury, Elie A., to Compagnie des Machines Bull (Société Anonyme). Record card reproducing punching machine with program control. 2,775,299, 12-25-56, Cl. 164-115.
- Douthitt, Maurice V.: *See—*  
 Kraus, Edwin C., and Douthitt. 2,765,931.
- Doutors Societe Anonyme Holding: *See—*  
 De Halleux, Pierre. 2,752,749.
- Doutt, Kingsley A., to Petch Mfg. Co. Air cylinder. 2,751,886, 6-26-56, Cl. 121-38.
- Doutt, Kingsley A., to Petch Mfg. Co. Mechanical movement. 2,759,367, 6-26-56, Cl. 144-99.
- Doutt, Chester R. Wind deflector for chimney tops. 2,755,730, 7-24-56, Cl. 98-67.
- Dovas, Nicholas. Blood sedimentation rack. 2,741,913, 4-17-56, Cl. 73-61.
- Dove, Ernest B.: *See—*  
 Halford, Frank B., Cleaver, and Dove. 2,742,921.  
 Halford, Frank B., Cleaver, and Dove. 2,763,126.
- Dovenbarger, William V.: *See—*  
 Wietzel, Karl F., Dovenbarger, and La Tour. 2,743,692.
- Dover Corp.: *See—*  
 Cross, Clint. 2,759,735.
- Harrison, John B. 2,750,004.
- Harrison, John B. 2,774,492.
- Joseph, Lawrence F. 2,737,197.
- Joseph, Lawrence F. 2,750,609.
- Joseph, Lawrence F. 2,752,754.
- Dover, Herbert R. Tiltable tail light. 2,749,431, 6-5-56, Cl. 240-83.
- Dovica, Anthony. Eye for hook and eye. 2,772,464, 12-4-56, Cl. 24-227.
- Dow Chemical Co. The: *See—*  
 Amos, James L., and Coulter. 2,763,702.
- Annesser, Richard J. 2,728,950.
- Baggett, Durward A. 2,755,319.
- Bauman, William C. 2,733,232.
- Bauman, William C., and Harrington. 2,738,322.
- Bauman, William C., and Harrington. 2,772,287.
- Bauman, William C., and Wheaton. 2,733,231.
- Begin, Louis E. 2,759,965.
- Beman, Floyd L. 2,756,256.
- Beman, Floyd L. 2,759,964.
- Beman, Floyd L. 2,759,966.
- Beman, Floyd L. 2,763,684.
- Beman, Floyd L., and Britton. 2,763,683.
- Bernard, John W. 2,758,080.
- Bersworth, Frederick C. 2,751,386.
- Bersworth, Frederick C. 2,751,387.
- Bersworth, Frederick C. 2,751,389.
- Bersworth, Frederick C. 2,751,390.
- Bersworth, Frederick C. 2,751,391.
- Bersworth, Frederick C. 2,765,284.
- Bersworth, Frederick C. 2,767,214.
- Bersworth, Frederick C., Atwood, and Bicknell. 2,753,301.
- Bersworth, Frederick C., and Frost. 2,755,304.
- Bersworth, Frederick C., and Frost. 2,761,874.
- Blair, Ettyl H. 2,164,608.
- Blair, Ettyl H. 2,734,075.
- Blair, Ettyl H. 2,734,071.
- Blair, Ettyl H. 2,759,963.
- Britton, Edgar C., and Ashby. 2,733,262.
- Britton, Edgar C., and Petrie. 2,745,857.
- Brooks, William B., and Shigley. 2,735,163.
- Brust, Harry F., and Senkbeil. 2,734,075.
- Brust, Harry F., and Senkbeil. 2,754,324.
- Bryant, Charles M., Helberg, Courter, and Cecil. 2,733,657.
- Burkett, Francis L. 2,745,153.
- Caldecourt, Victor J., and Wahr. 2,764,909.
- Cardwell, Paul H., and Alderman. 2,745,809.
- Cardwell, Paul H., and Eilers. 2,735,818.
- Cardwell, Paul H., and Hendrickson. 2,763,326.
- Chapps, Zollie B. 2,756,764.
- Cheney, Grant W., and Stark. 2,769,206.
- Chisholm, Douglas S., and Hall. 2,766,113.
- Chisholm, Douglas S., and Hershey. 2,752,196.
- Cooper, Ronald H. 2,762,785.
- Craven, Paul M., and Patterson. 2,769,788.
- Davis, Clyde W. 2,748,840.
- Davis, Clyde W. 2,763,636.
- De Long, Herbert K. 2,774,683.
- De Puy, James R., Hartman, Jones, and Klein. 2,753,671.
- Dieterman, Henri, and Bill. 2,763,950.
- Doerner, Mona P. 2,733,268.
- Doerner, Mona P. 2,734,084.
- Doerner, Mona P. 2,757,196.



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Doerner, Mona P. 2,772,309.  
 Dorton, Robert O. 2,746,971.  
 Douglas, Burke. 2,763,907.  
 Drake, Lewis R. 2,764,562.  
 Driessbach, Robert R., and Martin. 2,733,281.  
 Dulmage, Frederick E. 2,753,595.  
 Dunlap, Isaac R. 2,767,090.  
 Dylewski, Stanley W., Dulude, and Warren. 2,769,841.  
 Easley, John A., and Swayze. 2,763,536.  
 Eichenback, Bryant C., and Harris. 2,775,587.  
 Fookes, James H. 2,741,116.  
 Frevel, Ludo K., and Hedelund. 2,734,073.  
 Frevel, Ludo K., and Hedelund. 2,735,868.  
 Frevel, Ludo K., and Hedelund. 2,735,869.  
 Galloway, Ethan C. 2,769,814.  
 Gensinger, George K., and Weaver. 2,771,377.  
 Gunkler, Albert A., Lake, and Potts. 2,748,999.  
 Hanson, Alden W. 2,769,804.  
 Hardy, John L. 2,763,962.  
 Hardy, John L. 2,769,745.  
 Harris, Guy H., and Fischback. 2,764,593.  
 Hart, Porter. 2,748,849.  
 Head, James D. 2,753,355.  
 Head, James D., and Ivins. 2,748,161.  
 Head, James D., and Ivins. 2,748,162.  
 Heitz, Robert G., and Rocklin. 2,747,962.  
 Henson, Walter A., and Astveer. 2,758,103.  
 Horsley, Lee H., and Britton. 2,733,272.  
 Horsley, Lee H., Morello, and Poffenberger. 2,770,644.  
 Ikenberry, Ernest A., and Peterson. 2,764,619.  
 Jankens, Austin L. 2,753,321.  
 Johnston, Howard. 2,749,377.  
 Jones, Clifford, Harris, and Ingley. 2,739,142.  
 Jones, Griffin D. 2,734,915.  
 Jones, Griffin D., and Zimmerman. 2,757,190.  
 Jones, William C. 2,729,194.  
 Jorgensen, Roy C. 2,775,554.  
 Joseph, William J. 2,752,401.  
 Kirk, Roy C. 2,774,663.  
 Kunder, Donald G., and Pledger. 2,745,884.  
 Kungiger, Donald G., and Wheeler. 2,759,968.  
 Le Boeuf, Edgar W. 2,737,436.  
 Lipke, Paul H., Jr., and Montgomery. 2,752,319.  
 Longstreth, Murray O., and Ryan. 2,770,007.  
 Longstreth, Murray O., and Tollar. 2,769,200.  
 McCurdy, John L., and De Long. 2,740,157.  
 McCurdy, John L., and De Long. 2,774,991.  
 McDonald, John C. 2,774,664.  
 McHenry, William E., Beyer, and Clarke. 2,772,143.  
 McKee, Robert B., Jr., and Beyer. 2,740,160.  
 McMaster, Elmer L., and Glesner. 2,764,561.  
 McMaster, Elmer L., and Glesner. 2,764,563.  
 McMaster, Elmer L., and Glesner. 2,764,564.  
 McMaster, Elmer L., and Polkmoth. 2,764,560.  
 McQueen, George R. 2,763,839.  
 Melass, Virlian H. 2,759,867.  
 Meuli, Lloyd J. 2,763,097.  
 Meuli, Lloyd J. 2,775,066.  
 Meuli, Lloyd J. 2,775,067.  
 Meyer, Robert H. 2,749,373.  
 Milks, Warren N. 2,744,987.  
 Monroe, Ezra, and Long. 2,745,876.  
 Montgomery, Robert S. 2,764,571.  
 Montgomery, Robert S. 2,770,642.  
 Morris, Leo R. 2,772,510.  
 Mussell, Dorsey R. 2,745,815.  
 Mussell, Dorsey R. 2,747,982.  
 Mussell, Dorsey R. 2,747,983.  
 Norton, Frederick H. 2,745,858.  
 Norton, Frederick H., and Stevens. 2,745,859.  
 Pearlman, Marshall B. 2,764,587.  
 Price, Raymond M., and Roche. 2,739,140.  
 Prince, Charles A. 2,745,231.  
 Pumphely, Charles T. 2,734,076.  
 Pye, David J. 2,752,402.  
 Pye, David J. 2,770,656.  
 Reid, Raymond W., and Rector. 2,775,625.  
 Riegerink, Raymond H. 2,733,273.  
 Riegerink, Raymond H. 2,745,881.  
 Rubens, Louis C., and Boyer. 2,740,161.  
 Ruh, Robert P. 2,737,530.  
 Ruh, Robert P. 2,739,987.  
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 Ruh, Robert P., and Davis. 2,745,885.  
 Ruh, Robert P., and Davis. 2,745,886.  
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 Ruh, Robert P., and Davis. 2,749,375.  
 Savage, Albert B. 2,731,357.  
 Simenson, Louis O. 2,749,051.  
 Simpson, Donald W., and Bauman. 2,771,193.  
 Sonnabend, Lawrence P., and Williams. 2,740,728.  
 Stanton, George W., and Ehlers. 2,735,833.  
 Stanton, George W., and Ehlers. 2,735,834.  
 Stanton, George W., and Ehlers. 2,740,766.  
 Stanton, George W., and Ehlers. 2,745,821.  
 Stanton, George W., and Ehlers. 2,760,950.  
 Stanton, George W., Riegerink, and Spence. 2,736,946.  
 Stewart, Doane. 2,745,781.  
 Stewart, Doane. 2,745,782.  
 Stilbert, Elmer K., Jr., Cummings, and Talley. 2,755,260.  
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Thresher, Griffith N., and Simon. 2,756,613.  
 Toornman, Burton V. 2,744,817.  
 Toornman, Burton V. 2,744,819.  
 Trapp, Walter B. 2,770,654.  
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 Warren, John C. R. 2,741,115.  
 Wehr, Henry W., and Nagle. 2,732,371.  
 Werkema, Thomas E., Thorsberg, and De Long. 2,760,947.  
 White, Halbert C., and Vander Weele. 2,757,199.  
 White, Leeds C., Jr. 2,747,984.  
 Wildger, Alexander H., Jr. 2,756,260.  
 Williams, Bill M. 2,745,871.  
 Williams, Bill M. 2,749,360.  
 Williams, Julian C. 2,738,291.  
 Wright, Norman, and Herscher. 2,737,591.

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 Barry, Arthur J. 2,746,926.  
 Clark, Harold A. 2,732,390.  
 Clark, Harold A. 2,755,261.  
 Clark, Harold A. 2,762,717.  
 Collins, William H., Browne, and Weirauch. 2,745,233.  
 Dexter, John F. 2,736,721.  
 Gilkey, John W. 2,774,779.  
 Gordon, Arthur F. 2,755,295.  
 Hedlund, Robert C. 2,742,442.  
 Hedlund, Robert C. 2,774,745.  
 Hyde, James F. 2,738,291.  
 Hyde, James F. 2,746,982.  
 Johansson, Oscar K. 2,762,827.  
 Keil, Joseph W. 2,732,318.  
 Keil, Joseph W. 2,751,314.  
 Merker, Robert L. 2,770,631.  
 Merker, Robert L. 2,770,632.  
 Moorhead, Kenneth W. 2,755,269.  
 Noll, John E. 2,732,391.  
 Noll, John E. 2,762,826.  
 Rossiter, William T., and Currie. 2,742,368.  
 Sommer, Leo H. 2,770,633.  
 Sommer, Leo H. 2,774,778.  
 Speier, John L. 2,738,357.  
 Speier, John L. 2,746,956.  
 Speier, John L., Jr. 2,762,823.  
 Talcott, Thomas D. 2,759,904.  
 Volkmann, Ronald J., and Backer. 2,755,194.  
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Dow, Delmar W., and T. Tregoning, to Kaiser Aluminum & Chemical Corp. Stud positioning jig with continuous self-baking electrode and method of positioning contact studs. 2,774,804, 12-18-56, Cl. 13-18.  
 Dow, Dewey M., to Air-Way Industries, Inc. Device for preventing dust from being drawn into a vacuum cleaner when filter bag is not in place. 2,742,105, 4-17-56, Cl. 183-43.  
 Dow, Dewey M., to Air-Way Industries, Inc. Internally flush latch for vacuum cleaner pipes. 2,755,107, 7-17-56, Cl. 285-7.  
 Dow, Harry E., and R. P. Legro, to United Shoe Machinery Corp. Anvil construction. 2,758,303, 8-14-56, Cl. 1-102.  
 Dow, Marlon E., Stalk and brush cutting assembly with friction drive. 2,743,565, 5-1-56, Cl. 55-62.  
 Dow, Orville E., to Radio Corp. of America. Counter or step wave generator. 2,774,871, 12-18-56, Cl. 250-27.  
 Dow, Ray A. Refuse disposal and general truck bed. 2,750,056, 6-12-56, Cl. 214-504.  
 Dow, Sumner W.: *See*—  
 Anderson, Harold S., and Dow. 2,735,488.  
 Dow, Walter K. Portable honing device. 2,762,174, 9-11-56, Cl. 51-184.3.  
 Dow, Willard M., and B. Porter, to United Gas Corp. Tapered bore gas burners. 2,755,851, 7-24-56, Cl. 158-114.  
 Dowd, Alfred. Flexible corrugated wrapping sheet. 2,758,047, 8-7-56, Cl. 154-53.  
 Dowd, Bernard J. Foundation garment. 2,742,643, 4-24-56, Cl. 2-37.  
 Dowd, Charles, Box Co., Inc.: *See*—  
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 Dowd, Elias, to Charles Dowd Box Co., Inc. Corrugated container. 2,759,651, 8-21-56, Cl. 229-16.  
 Dowd, Howard M., and R. L. Barrows, to Bowl-Mor Co., Inc. Bowling pin setting machine. 2,739,813, 3-27-56, Cl. 273-43.  
 Dowd, Howard M., and R. L. Barrows, to Bowl-Mor Co., Inc. Bowling pin-setting mechanism. 2,757,000, 7-31-56, Cl. 273-43.  
 Dowd, James D.: *See*—  
 Stroun, Philip T., and Dowd. 2,754,199.  
 Dowden, Ernest J. Speed registering and tabulating apparatus. 2,758,647, 8-14-56, Cl. 161-18.  
 Dowell, A. Yates: *See*—  
 Linzy, Floyd L. 2,743,538.  
 Dowell, Alvis V., to Radiator Specialty Co. Heater. 2,756,032, 7-24-56, Cl. 257-246.  
 Dowidat, Otto, to Firma Gedore Werkzeugfabrik Otto Dowidat. Clamping tongs. 2,733,624, 2-7-56, Cl. 81-84.  
 Dowin, Roland W. Flush tank assembly. 2,729,826, 1-10-56, Cl. 4-41.  
 Dowler, Louis K.: *See*—  
 Seabold, Edward J., and Dowler. 2,768,916.  
 Dowling, Patrick. Hydro-electric power apparatus. 2,764,871, 10-2-56, Cl. 61-19.  
 Dowling, Robert J.: *See*—  
 Glenn, Harry D., and Dowling. 2,760,900.

- Dowling, Robert W. Picture projection system for projecting motion pictures. 2,737,081, 3-6-56, Cl. 88—24.
- Dowling, Robert W. Picture-projection system for projecting moving pictures. 2,737,082, 3-6-56, Cl. 88—24.
- Dowling, Robert W. Picture-projection system for projecting moving pictures. 2,737,083, 3-6-56, Cl. 88—24.
- Downey, Clement L., to Johnson Fare Box Co. Rouleau loading device. 2,740,242, 4-3-56, Cl. 53—63.
- Downey, Francis P., J., Du Bois, and E. H. Lorenz, to Hart Mfg. Co. Method and apparatus for assembling and sealing plastic closure members in plastic bottles. 2,760,551, 8-28-56, Cl. 154—42.
- Downey, Frank P., Jr., to American Machine & Foundry Co. Bowling pin. 2,739,814, 3-27-56, Cl. 273—82.
- Downey, Lester S., and R. W. Halsey, to The Albright-Nell Co. Door structure for a rendering cooker or the like. 2,763,343, 9-18-56, Cl. 189—46.
- Downey, Paul J.: *See—*
- Kempf, Norman W., and Downey, 2,760,867.
- Downey, Paul M., and T. B. Lesslie, to Monsanto Chemical Co. Thiazolyl mercapto alkyl thionocarbamates. 2,766,253, 10-9-56, Cl. 260—306.
- Downey, Richard M.,  $\frac{1}{4}$  to Midwest Insulations, Inc.,  $\frac{1}{4}$  to Industrial Products Co., Inc.,  $\frac{1}{4}$  to The Carney Co., Inc., and  $\frac{1}{4}$  to Airseal Insulations, Inc. Apparatus and process for forming fibrous felts. 2,729,849, 1-10-56, Cl. 18—25.
- Downey, Richard M., to United States Gypsum Co. Apparatus and method for making fibrous felts. 2,729,861, 1-10-56, Cl. 19—156.
- Downey, Richard M., to United States Gypsum Co. Removal of slag from iron distributors used in the production of mineral wool. 2,731,670, 1-24-56, Cl. 18—47.2.
- Downey, Wayne A.: *See—*
- Clarke, Evans L., and Downey, 2,765,723.
- Downing, Eric W., to Joseph Lucas (Industries) Ltd. Liquid fuel injection apparatus. 2,731,175, 1-17-56, Cl. 222—250.
- Downing, Eric W., to Joseph Lucas (Industries) Ltd. Igniters for spark-ignition apparatus. 2,731,523, 1-17-56, Cl. 200—31.
- Downing, George, to American Viscose Corp. Tow roll. 2,773,588, 12-11-56, Cl. 203—355.
- Downing, John: *See—*
- Hodge, Arthur, Downing, and DREWITT, 2,730,444.
- Howarth, Thomas H., Downing, and DREWITT, 2,770,614.
- Downing, John, to British Celanese, Ltd. Weightless ribbons and process for forming same. 2,734,012, 2-7-56, Cl. 154—92.
- Downing, John, and J. G. N. DREWITT, to British Celanese Ltd. Manufacture of fibranetary material from copolymers of acrylonitrile and vinylidene chloride. 2,775,507, 12-25-56, Cl. 18—54.
- Downingtown Mfg. Co.: *See—*
- McArd, Theodore A., 2,736,245.
- McArd, Theodore A., 2,750,854.
- Downs, Charles M., Jr.: *See—*
- Jones, Thomas C., Fuqua, and Downs, 2,757,200.
- Downs, Florence B.: *See—*
- Harris, Frederic R., 2,761,409.
- Harris, Frederic R., 2,768,598.
- Harris, Frederic R., 2,768,599.
- Harris, Frederic R., 2,768,600.
- Harris, Frederic R., 2,774,322.
- Harris, Frederic R., 2,775,095.
- Harris, Frederic R., Downs, Lobenthal, and Bloch, 2,756,712.
- Downs, George F., Jr., to Phillips Petroleum Co. Carburetor air dryer. 2,733,697, 2-7-56, Cl. 123—119.
- Downs, George W., to the United States of America as represented by the Secretary of the Navy. Acoustisone apparatus for measuring and recording physical properties of the sea. 2,750,794, 6-19-56, Cl. 73—53.
- Downs, John E., to The Union Tool Corp. Machine for stacking flat sheets of material. 2,733,921, 2-7-56, Cl. 271—68.
- Downs, John W., to Sperry Rand Corp. Initiating and timing circuit for a doppler type chronograph. 2,752,593, 6-26-56, Cl. 343—8.
- Downs, Maurice E. Proportional dividers. 2,772,482, 12-4-56, Cl. 33—150.
- Downs, Merle L.: *See—*
- War, Raymond C., and Downs, 2,744,329.
- Downs, Thomas B., to United Aircraft Corp. De-aerator and oil tank. 2,753,011, 7-3-56, Cl. 183—25.
- Dowsett, Charles W. G. deceased, by W. Dunn, administrator. Apparatus for controlling the gravity discharge of desliming cones. 2,749,928, 6-12-56, Cl. 137—92.
- Dowty Equipment Ltd.: *See—*
- Donnar, Patrick, 2,731,232.
- Carey, Frederick H., 2,738,003.
- Knight, Richard N., 2,764,131.
- Simmons, Harold C., 2,756,810.
- Dowty, Lee B., to Spencer Chemical Co. Automatic dumping selector. 2,743,077, 4-24-56, Cl. 249—22.
- Dowty Nucleonics Ltd.: *See—*
- Andrews, Thomas D. H., 2,759,138.
- Andrews, Thomas D. H., 2,765,413.
- Dowty Seals Ltd.: *See—*
- Mills, Joseph A. W., and Tamblin, 2,760,400.
- Doxford, William, and Sons Ltd.: *See—*
- Purdie, William H., and Jackson, 2,737,162.
- Purdie, William H., and Jackson, 2,754,813.
- Purdie, William H., and Jackson, 2,760,334.
- Purdie, William H., and Jackson, 2,769,302.
- Purdie, William H., Jackson, and Gunn, 2,734,492.
- Doyle, Arthur J., and F. B. Whalen, to Prior Products, Inc. Vehicle fuel tank assembly. 2,758,843, 8-14-56, Cl. 280—5.
- Doyle, Collin M.: *See—*
- Podbielniak, Walter J., and W. G., and Doyle, 2,758,784.
- Doyle, Dewey I., to Doyle Vacuum Cleaner Co. Motor for vacuum producing machines. 2,767,904, 10-23-56, Cl. 230—117.
- Doyle, Dewey I., to Doyle Vacuum Cleaner Co. Centrifugal fan wheel. 2,767,906, 10-23-56, Cl. 230—134.
- Doyle, Irving W., to Fairchild Camera and Instrument Corp. Apparent-velocity responsive system. 2,772,479, 12-4-56, Cl. 33—46.5.
- Doyle, James B. Rain hood scarf. 2,765,473, 10-9-56, Cl. 280—5.
- Doyle, James F., to Arkell Safety Bag Co. Multiply bags. 2,737,339, 3-6-56, Cl. 229—55.
- Doyle, John T., to The Kendall Co. Heat-sterilizable elastic film backed bandage. 2,734,503, 2-14-56, Cl. 128—156.
- Doyle, Malcolm G.: *See—*
- Frotzmann, Donald E., and Phaneuf, and Doyle, 2,768,332.
- Doyle, Orville K. Auxiliary control handle for shovels. 2,772,910, 12-4-56, Cl. 294—58.
- Doyle Vacuum Cleaner Co.: *See—*
- Doyle, Dewey I., 2,767,904.
- Doyle, Dewey I., 2,767,906.
- Doyle, William J. Toy gyro saucer. 2,747,326, 5-29-56, Cl. 46—50.
- Doyle, William T., to Sturtevant Mill Co. Method and apparatus for processing and collecting finely divided material. 2,735,620, 12-1-56, Cl. 241—39.
- Doyle, William T., to Sturtevant Mill Co. Machine for classifying and separating materials. 2,774,476, 12-18-56, Cl. 209—139.
- Doyle, William V. Magnetic supporting device for containers. 2,766,900, 10-16-56, Cl. 222—105.
- Dr. Ing. h. c. F. Porsche K.-G.: *See—*
- Porsche, Ferdinand A. E., 2,760,050.
- Porsche, Ferdinand A. E., and Binder, 2,731,008.
- Porsche, Ferdinand A. E., and Binder, 2,771,863.
- Porsche, Ferdinand A. E., and Fuhrmann, 2,749,893.
- Porsche, Ferdinand A. E., and Fuhrmann, 2,756,067.
- Rabe, Karl, 2,758,680.
- Rabe, Karl, 2,758,686.
- Rabe, Karl, and Schmid, 2,768,002.
- Reimspies, Franz X., and Porsche, 2,730,375.
- Schmid, Leopold, 2,771,975.
- Schmid, Leopold, 2,771,975.
- Drabert, Fritz E. Reclining chair for invalids. 2,738,001, 3-13-56, Cl. 155—117.
- Drackett Co., The: *See—*
- Walton, George, 2,773,040.
- Dracner, Frederick C., L. S. Galstaun, and H. G. Hall, to Tidewater Oil Co. Recovery of ethanalamines. 2,761,818, 9-4-56, Cl. 196—32.
- Draeger, Kenneth E.: *See—*
- Mertzweiler, Joseph K., Smith, and Draeger, 2,757,202.
- Draenert, Max. Cutting tool. 2,760,265, 8-28-56, Cl. 30—241.
- Drager, Dr. Otto H.: *See—*
- Müller, Wilhelm, 2,752,917.
- Drager, Otto H.: *See—*
- Stamps, Gerhard, 2,764,153.
- Draghetti, Alexander J.: *See—*
- Brenner, Edward, and Draghetti, 2,741,253.
- Dragonetti, Giovanni, and P. Piroli. Electric starting device for induction motors having a short-circuit rotor. 2,764,724, 9-25-56, Cl. 318—229.
- Dragos, Leon A.: *See—*
- Donaldson, Charles H., and Dragos, 2,760,757.
- Drain, Herbert D., to Church of Religious Science. Cabinet top connector assembly. 2,763,874, 9-25-56, Cl. 4—187.
- Drain, Herbert D., and W. S. Griffiths; said Drain assignor to said Griffiths. Fruit juice extractor. 2,748,693, 6-8-56, Cl. 100—98.
- Drake, Betty S.: *See—*
- Crane, Kathryn B. and E. M., and B. S. and J. D. Drake, 2,768,384.
- Drake Corp.: *See—*
- Drake, Stoney, 2,734,254.
- Drake, Edward P.: *See—*
- Lindemith, John L., and Drake, 2,761,620.
- Drake, Edward P., to Clary Corp. Calculating machine with keyboard instrumentalities for binary to decimal conversion. 2,741,427, 4-10-56, Cl. 235—61.
- Drake, Francis E.,  $\frac{1}{4}$  to H. W. Townsend. Apparatus for mixing air and liquified petroleum gases. 2,738,261, 3-13-56, Cl. 48—180.
- Drake, George F., to Woodward Governor Co. Control for fluid servo actuated valve. 2,765,800, 10-9-56, Cl. 137—26.
- Drake, Gordon D.: *See—*
- Haves, Kenvon J., and Drake, 2,744,141.
- Drake, Gordon D., G. Gever, and K. J. Hayes, to The Norwich Pharmaceutical Co. N-(benzylidene)-3-amino-2-oxazolidone and method for preparing the same. 2,740,792, 4-3-56, Cl. 260—307.
- Drake, Gordon D., G. Gever, and K. J. Hayes, to The Norwich Pharmaceutical Co. Method for the preparation of n-(5-nitro-2-furfurylidene)-3-amino-2-oxazolidone. 2,759,931, 8-21-56, Cl. 260—240.
- Drake, Julian D.: *See—*
- Crane, Kathryn B. and E. M., and B. S. and J. D. Drake, 2,768,384.



- Drake, Leonard C., and R. L. Smith, to Socony Mobil Oil Co., Inc. Preparation of catalysts of vanadium oxide or chromium oxide on porous carriers. 2,734,874, 2-14-56, Cl. 252-161.
- Drake, Lewis R., to The Dow Chemical Co. Phosphonated cation exchange resins and method of making the same. 2,764,562, 9-25-56, Cl. 260-2.2.
- Drake, Peter. Building element. 2,733,786, 2-7-56, Cl. 354-12.
- Drake, Robert E., to Lavelle Aircraft Corp. Power unit for wagon unloader. 2,760,659, 8-28-56, Cl. 214-82.
- Drake, Rodney S. Vacuum driven clipping or shearing machines. 2,753,629, 7-10-56, Cl. 30-210.
- Drake, Russell P., R. E. Borchtard, and C. B. Crandall, to Barber-Colman Co. Machine for operating upon bobbins. 2,769,598, 11-6-56, Cl. 242-35.5.
- Drake, Stoney, to Drake Corp. Warp conditioning process for tying-in machines. 2,734,254, 2-14-56, Cl. 28-72.6.
- Drake, Theodore R. Boat hull construction. 2,773,273, 12-11-56, Cl. 9-6.
- Drakoff, Aniele. Screen covering for frying pans and the like. 2,770,389, 11-13-56, Cl. 220-44.
- Drangle, Leon. Art of processing and packaging cheese. 2,768,572, 10-30-56, Cl. 99-243.
- Drapeau, Joseph E., Jr., and P. D. Johnson, to The Glidden Co. Process for preparing cuprous oxide from mixed copper oxides. 2,758,014, 8-7-56, Cl. 23-147.
- Drapeau, Joseph E., Jr., and R. J. Halsted, to The Glidden Co. Process of preparing metal powders by a fluo-solid reduction process. 2,758,021, 8-7-56, Cl. 75-5.
- Draper, Alfonso C., to Given Mfg. Co. Garbage disposer with tableware recovery device. 2,753,571, 7-10-56, Cl. 4-187.
- Draper, Alfonso C., A. A. Samolis, and H. Jordan, to Given Mfg. Co. Sink apparatus for garbage disposer. 2,768,387, 10-30-56, Cl. 4-187.
- Draper, Carson O., and D. A. Motor vehicle electrical system. 2,729,750, 10-30-56, Cl. 290-36.
- Draper, Charles S.: See—
- Bentley, Edward P., and Draper. 2,752,684.
- Draper, Charles S., to Research Corp. Gyroscopic apparatus. 2,752,790, 7-3-56, Cl. 74-5.4.
- Draper, Charles S., and R. E. Woodbury to Research Corp. Gyroscopic apparatus. 2,752,792, 7-3-56, Cl. 74-5.34.
- Draper, Charles S., R. B. Woodbury, and J. F. Hutzenlaub, to Research Corp. Gyroscopic apparatus. 2,752,793, 7-3-56, Cl. 74-5.34.
- Draper Corp.: See—
- Chiles, Richard L., and Cranshaw. 2,773,346.
- Consoletti, Paul C. 2,741,438.
- Consoletti, Paul C. 2,752,955.
- Consoletti, Paul C. 2,771,100.
- Fiamand, Maurice R. 2,744,544.
- Fiamand, Maurice R. 2,745,439.
- Higgins, Therese E. 2,745,522.
- Moon, Clifford G. 2,771,097.
- O'Neil, Francis E. 2,729,247.
- Rogers, Leonard M. 2,746,489.
- Rogers, Leonard M. 2,746,693.
- Taft, Willard W. 2,771,910.
- Tosches, Anthony. 2,741,272.
- Draper, Dale A.: See—
- Draper, Carson O., and D. A. 2,729,750.
- Draper, Frederick C., J. F. Hobson, and W. Sang, to Boosey & Hawkes Ltd. Method of forming a bend in ductile metal. 2,748,553, 6-5-56, Cl. 292-187.6.
- Draper, Roy E. Egg handling apparatus. 2,766,879, 10-16-56, Cl. 209-121.
- Drasher, Clyde. Stenographic record holder. 2,747,547, 6-29-56, Cl. 120-31.
- Draudt, William, to Textile Machine Works. Take-up mechanism for braiding machines. 2,741,350, 4-10-56, Cl. 87-31.
- Draughon, Wells R.: See—
- Ward, John W. 2,745,580.
- Drautz, Walter G.: See—
- Clarke, Wallace C., and Drautz. 2,752,255.
- Drautz, Walter G., to General Aniline & Film Corp. Hecto-graph black. 2,752,254, 6-26-56, Cl. 106-14.5.
- Draves, William W. Variable grind feed mill. 2,734,687, 2-14-56, Cl. 241-186.
- Dravnieks, Andrew: See—
- Coker, Alistair S., and Dravnieks. 2,768,983.
- Dravnieks, Andrew, to Standard Oil Co. Industrial corrosion testing and recording. 2,735,754, 2-21-56, Cl. 23-230.
- Dravo Corp.: See—
- Beer, William B., and Norris. 2,738,218.
- Dravay, Curtis J., and L. E., and T. E. Spell. Winch. 2,742,262, 4-17-56, Cl. 25-136.
- Drawdy, Eddie L. Combination pocket level. 2,747,295, 5-29-56, Cl. 33-216.
- Drawdy, Lawrence E.: See—
- Drawdy, Curtis J., and L. E., and Spell. 2,742,262.
- Drechsel, Erhart K.: See—
- Hastings, Randall, Drechsel, and Strazdins. 2,771,464.
- Drechsel, Erhart K., to American Cyanamid Co. Cyclic carbamates and method for their preparation. 2,744,997, 5-8-56, Cl. 260-244.
- Drechsel, Fred E., to Ilg Electric Ventilating Co. Separable hinge. 2,770,833, 11-20-56, Cl. 16-172.
- Drees, Jan M.: See—
- Verhage, Gerard F., and Drees. 2,757,745.
- Dreher, Elmer H., and H. P. Mixer, to Sperry Rand Corp. Duplicating punch and field selection and keyboard control. 2,755,860, 7-24-56, Cl. 164-113.
- Dreher, Erich: See—
- Reppe, Walter, Pasedach, Dreher, and Amann. 2,769,008.
- Dreier, Brothert, Inc.: See—
- Dreier, Raymond C. 2,742,315.
- Dreier, Raymond C. 2,753,739.
- Dreier, Raymond C., to Dreier Brothers, Inc. Detachable handle assembly. 2,742,315, 4-17-56, Cl. 294-27.
- Dreier, Raymond C., to Dreier Brothers, Inc. Traveling tool. 2,753,739, 7-10-56, Cl. 77-2.
- Dreier, Victor G., to Servel, Inc. Ice maker. 2,743,588, 5-1-56, Cl. 62-7.
- Dreisbach, Charles A. Parking device for automotive vehicles. 2,751,989, 6-26-56, Cl. 180-1.
- Dreisbach, Robert R., and R. A. Martin, to The Dow Chemical Co. Separating of isomeric divinylbenzenes and chemical intermediate obtained in process. 2,733,281, 1-31-56, Cl. 260-669.
- Dreislin, Alexander: See—
- Fodor, Nicholas, and Dreislin. 2,766,962.
- Drell, Leonard B. Spray head for valves. 2,757,963, 8-7-56, Cl. 299-95.
- Drennan, James E.: See—
- Lusk, Elmer C., Drennan, and Todd. 2,758,253.
- Drennen, John H., to The Commercial Shearing & Stamping Co. Spool valves. 2,775,260, 12-25-56, Cl. 187-621.
- Drescher, H. K.: See—
- Reitzel, Georg. 2,733,093.
- Drescher, Sol, and H. Bryer. Garment pad to correct low shoulders. 2,744,254, 5-8-56, Cl. 2-93.
- Dresden, Mark K., and R. E. Snyder, to A. H. Wirz, Inc. Spool closure. 2,742,202, 4-17-56, Cl. 222-541.
- Dresse, Wilhelm: See—
- Meyer-Jagenberg, Gunther, and Dresse. 2,757,498.
- Dresse, Wilhelm, ½ to Jagenberg-Werke Akt.-Ges. Apparatus for handling containers made of a flexible material, such as paper, cardboard, and the like. 2,734,657, 2-14-56, Cl. 261-151.
- Dressel, Elvin D. Rotary row weeding rake and crust breaker. 2,770,180, 11-13-56, Cl. 97-216.
- Dressel, Jack, Jr., and W. O. Spoon. Sterilizer for drinking glasses. 2,738,428, 3-13-56, Cl. 250-51.
- Dresser Equipment Co.: See—
- Bloss, Richard E. 2,730,795.
- Dresser Industries, Inc.: See—
- Newell, Frederick T. 2,758,852.
- Newell, Frederick T., and Risley. 2,755,111.
- Risley, Roger E. 2,741,497.
- Risley, Roger E. 2,755,109.
- Risley, Roger E. 2,739,744.
- Risley, Roger E., and Hoke. 2,738,995.
- Risley, Roger E., and Kish. 2,732,230.
- Risley, Roger E., and Kish. 2,759,493.
- Risley, Roger E., and Paterson. 2,761,706.
- Dresser Operations, Inc.: See—
- Hennig, Fritz O. 2,729,062.
- Payne, William H. 2,768,037.
- Trumpler, William E. 2,733,853.
- Dresser, Willis R.: See—
- Waller, Fred, and Dresser. 2,747,456.
- Dresser, Willis R., to The Vitarama Corp. Closed link electronic camera chain. 2,747,012, 5-22-56, Cl. 178-5.4.
- Dresser, Willis R., to The Vitarama Corp. Apparatus for putting identification and synchronization marks on picture and sound films. 2,756,317, 7-24-56, Cl. 219-19.
- Dresser, Willis R., to Siemens & Halske Aktiengesellschaft. Suspension journal for rotatable elements of electrical apparatus, and especially for armatures of relays. 2,748,323, 5-29-56, Cl. 317-198.
- Dressler, Thomas M., to International Harvester Co. Injection nozzle. 2,743,962, 5-1-56, Cl. 299-107.6.
- Drever Co.: See—
- Seabold, Edward J., and Dowler. 2,768,916.
- Dreves, Robert G. Bank and rate of turn indicator. 2,770,051, 11-13-56, Cl. 33-204.
- Drew, Charles E. Expanding mandrel chuck. 2,732,213, 1-24-56, Cl. 279-2.
- Drew, Donald E., and W. M. Farrelly, to E. I. du Pont de Nemours & Co. Heat-sealing of thermoplastic film. 2,732,887, 1-31-56, Cl. 154-42.
- Drew, John, and J. C. Funderburk, to Hercules Powder Co. Hydrogenation catalyst. 2,739,947, 3-27-56, Cl. 252-471.
- Drew, John, and J. C. Funderburk, to Hercules Powder Co. Hydrogenation process. 2,739,961, 3-27-56, Cl. 260-100.
- Drew, John, and C. S. Lampo, to Crosby Chemicals, Inc. Method of producing metal resinates. 2,753,330, 7-3-56, Cl. 260-101.
- Drew, Robert D.: See—
- Ray, Frederick E., and Drew. 2,770,584.
- Drew, Robert D., to Socony Mobil Oil Co., Inc. Continuous gas dehumidification. 2,738,857, 3-20-56, Cl. 183-114.2.
- Drew, Robert D., to Socony Mobil Oil Co., Inc. Continuous gas dehumidification process. 2,738,858, 3-20-56, Cl. 183-114.2.
- Drew, Robert D., to Socony Mobil Oil Co., Inc. Operation of hydrogel bead-forming tower. 2,773,840, 12-11-56, Cl. 252-448.
- Drewitz, James G. N.: See—
- Downing, John, and Drewitz. 2,775,507.
- Hodge, Arthur, Downing, and Drewitz. 2,730,444.
- Howarth, Thomas H., Downing, and Drewitz. 2,770,614.
- Drewitz, Edwin W., and V. Stein, to De Jur-Amco Corp. Electrical rheostat assembly. 2,773,965, 12-11-56, Cl. 201-48.

- Drews, William P., to Esso Research and Engineering Co. Hydroforming process and apparatus. 2,765,261, 10-2-56, Cl. 196-50.
- Drews, William P., A. F. Kaulakis, and W. K. Lewis, Jr., to Esso Research and Engineering Co. Fluidized solids reactor system. 2,733,282, 1-31-56, Cl. 260-673.5.
- Drexel, Charles F.: *See—*
- Breaux, Darlton K., Chapman, and Drexel. Re. 24,179.
- Drexel, Roger E., to E. I. du Pont de Nemours and Co. Process for making pulverulent silica powder. 2,757,073, 7-31-56, Cl. 23-183.
- Dreyer, Hans, to The Loewy Engineering Co. Ltd. Extrusion tool assembly for light metal cable sheathing presses. 2,731,144, 1-17-56, Cl. 207-4.
- Dreyer, Helmut, and L. Boller, to P. Gossen & Co., G. m. b. H. Arrangement for measuring the R. M. S. values of alternating currents and voltages. 2,747,161, 5-22-56, Cl. 324-132.
- Dreyfus, Jean A. Electro-mechanical relays. 2,775,671, 12-25-56, Cl. 200-166.
- Dreyfus, L. A., Co.: *See—*
- Alfrey, Turner, Jr. 2,740,772.
- Dreyfus, Ludwig, to Allmanna Svenska Elektriska Aktiebolaget. Compensation means in three-phase electric arc furnace. 2,758,144, 8-7-56, Cl. 13-12.
- Dreyfus, Ludwig, to Allmanna Svenska Elektriska Aktiebolaget. Polypphase stirring winding. 2,759,035, 8-14-56, Cl. 13-26.
- Dreyfus, Ludwig, to Allmanna Svenska Elektriska Aktiebolaget. Inductive stirring device for metallurgical furnace. 2,774,803, 12-18-56, Cl. 13-9.
- Dreyfuss, Paul: *See—*
- Riat, Henri, Dreyfuss, and Oesterlein. 2,763,640.
- Dreznies, John J., to United Specialties Co. Filter body. 2,761,527, 9-4-56, Cl. 183-44.
- Dreznies, John J., to United Specialties Co. Oil bath air cleaner. 2,770,391, 11-13-56, Cl. 183-15.
- Driben, Beatrice. Decorative hearing aid carrier. 2,731,054, 1-17-56, Cl. 150-5.
- Drieback, Herman W., to Goodman Mfg. Co. Anti-backdrive gearing. 2,766,851, 10-16-56, Cl. 188-82.8.
- Driesbach, Gilbert O., to Publix Shirt Corp. Non-removable collar stay. 2,767,719, 11-13-56, Cl. 2-132.
- Driggs, Ivan H., A. Hyatt, and F. E. Ellis, Jr. Vertical climbing airplane. 2,743,886, 5-1-56, Cl. 244-7.
- Drill Collar Service Co., Inc. The: *See—*
- Moore, Stanley C. 2,745,685.
- Drill, Ervin A. Buckle attachment for ingot strippers and the like. 2,744,905, 8-5-56, Cl. 22-95.
- Drill, Ervin A. Grapple attachment for tongs. 2,757,038, 7-31-56, Cl. 294-106.
- Driller, Albert: *See—*
- Grebe, Otto, Driller, and Bühring. 2,773,112.
- Drick, Jacob H., Card filing. 2,756,931, 7-31-56, Cl. 235-61.6.
- Drilling Research, Inc.: *See—*
- McPherson, George, Jr. 2,745,998.
- Drilo Corp.: *See—*
- Brenholts, Howard F. 2,756,854.
- Brenholts, Howard F. 2,772,539.
- Drinker, Pemberton H.: *See—*
- Higgins, Stephen P., Jr., and Drinker. 2,751,918.
- Driphan Corp.: *See—*
- Chaustowich, Gabriel A. 2,766,367.
- Drips, William P., to General Electric Co. Circuit breaker. 2,757,360, 7-31-56, Cl. 340-222.
- Drisc, Nicolas, and R. Brephon, to Societe Chimiotex. Apparatus for the fluid treatment of filaments. 2,746,281, 5-22-56, Cl. 68-205.
- Drisch, Nicolas, and P. Herrbach, to Textile & Chemical Research Co., Ltd. Production of artificial filaments and other materials. 2,768,870, 10-30-56, Cl. 18-54.
- Driscoll, Clare, to the United States of America as represented by the Secretary of the Army. Microwave apparatus for circular polarization. 2,741,744, 4-10-56, Cl. 333-21.
- Driscoll, Jesse L., Jr. 2,751,886.
- Miller, Edward D., and Driscoll. 2,771,886.
- Driscoll Wire Co., The: *See—*
- Richardson, William H. 2,752,108.
- Dritz, Arthur, to John Dritz & Sons. Needle threader. 2,757,837, 8-7-56, Cl. 223-99.
- Dritz, John, & Sons: *See—*
- Dritz, Arthur. 2,757,837.
- Driver-Harris Co.: *See—*
- Guettel, Charles L. 2,757,221.
- Lohr, James M. Re. 24,242.
- Lohr, James M. Re. 24,243.
- Lohr, James M. Re. 24,244.
- Driver, Wilfred D. Folding beds. 2,747,202, 5-29-56, Cl. 5-2.
- Droche, Elie: *See—*
- Anpoux, Marcel, and Droche. 2,745,979.
- Drodofsky, Martin, to Carl Zeiss. Telescope. 2,741,940, 4-17-56, Cl. 88-24.
- Droel, Louis W., to General Dynamics Corp. Telephone subset. 2,754,371, 7-10-56, Cl. 179-100.
- Droel, Louis W., to General Dynamics Corp. Telephone subset. 2,757,711, 7-31-56, Cl. 179-100.
- Droel, Louis W., to General Dynamics Corp. Multi-line telephone system. 2,769,035, 10-30-56, Cl. 179-99.
- Droel, Louis W., and T. W. Kucharski, to General Dynamics Corp. Telephone subset. 2,749,395, 6-5-56, Cl. 179-178.
- Drogin, Robert: *See—*
- Wilson, Howard L., and Drogin. 2,740,820.
- Droin, Roger G., to Hartford National Bank and Trust Co., trustee. Device for connecting a rotary tap electrically to a stationary part. 2,739,289, 8-20-56, Cl. 339-2.
- Drome, Kingsley C.: *See—*
- Wheeler, Walter G., and Drone. 2,747,644.
- Dros, Albert A. Engine-unit consisting of at least one working cylinder and at least one compressor cylinder. 2,736,488, 2-28-56, Cl. 230-56.
- Dros, Albert A., J. L. Yzer, and E. Hellingsman, to Hartford National Bank and Trust Co., trustee. Hot-gas reciprocating engine. 2,746,241, 5-22-56, Cl. 60-24.
- Dros, Aris, to Hartford National Bank and Trust Co., as trustee. Illuminated dial plate. 2,770,712, 11-13-56, Cl. 240-21.
- Drosakis, Kostas G. Television lamp. 2,765,399, 10-2-56, Cl. 240-81.
- Drosd, Ralph D., to the United States of America as represented by the Secretary of the Navy. Transmission line pulse generator. 2,769,101, 10-30-56, Cl. 307-108.
- Drossel, Norman J., and E. D. Wilkins, to Kaiser Aluminum & Chemical Corp. Ejection apparatus. 2,749,591, 6-12-56, Cl. 25-120.
- Drouard, Jacques, and G. Boulard. Machine for clearing away the ballast from under the railway track sleepers. 2,737,901, 3-18-56, Cl. 104-7.
- Drouot, Louis D.: *See—*
- Richmond, Stanley M., and Drouet. 2,756,720.
- Drouth, Germaine, to Lip S. A. d'Horlogerie. Escapement mechanism. 2,769,342, 11-6-56, Cl. 74-1.5.
- Drow, Donald F., to Minneapolis-Honeywell Regulator Co. Thermostatically operated fuel valve for heat appliances. 2,743,870, 5-1-56, Cl. 236-6.
- Drown, Claude R. Golf bag. 2,732,871, 1-31-56, Cl. 150-1.5.
- Drown, David P.: *See—*
- Yeo, Ernest E., and Drown. 2,775,271.
- Droz, Marcel E.: *See—*
- Barman, Raymond L., Droz, and Cohen. 2,774,149.
- Drude, John A., to Chrysler Corp. Pressure fluid system for steering mechanism and the like. 2,748,711, 6-5-56, Cl. 103-42.
- Drucek, Fred, Jr.: *See—*
- Framberg, Elmer W., and Drucek. 2,766,539.
- Drucek, Fred, Jr., to Chicago Cardboard Co. Collapsible hollow display device. 2,766,893, 10-16-56, Cl. 211-133.
- Drucek, Fred, Jr., to Chicago Cardboard Co. Frame type display device. 2,773,324, 12-11-56, Cl. 40-155.
- Drucey, Jean, to Ciba Pharmaceutical Products, Inc. 3,6-nitro-pyridazines. 2,764,584, 9-25-56, Cl. 260-250.
- Drucey, Jean, and A. Hueni, to Ciba Pharmaceutical Products, Inc. Quinoxalium salts. 2,748,117, 5-29-56, Cl. 260-250.
- Drucey, Jean, and A. Hueni, to Ciba Pharmaceutical Products, Inc. N-alkyl-quinoxalium salts. 2,748,118, 5-29-56, Cl. 260-251.
- Drucey, Jean, and P. Schmidt, to Ciba Pharmaceutical Products, Inc. Semicarbazones of phenanthroline-quinones. 2,755,281, 7-17-56, Cl. 260-287.
- Drugan, Walter T., to Bell Telephone Laboratories, Inc. Rotary switch with centrifugal contactor. 2,740,006, 3-27-56, Cl. 200-24.
- Drugman, Lester D.: *See—*
- Cunningham, Donald M., and Drugman. 2,763,763.
- Drugman, Lester D., to Edwin L. Wiegand Co. Heating devices. 2,748,251, 5-29-56, Cl. 219-38.
- Drukker, Emanuel A.: *See—*
- Beets, August G., and Drukker. 2,763,695.
- Drum, Vern R., to The Cleveland Pneumatic Tool Co. Connecting means between window and actuator. 2,731,261, 1-17-56, Cl. 268-124.
- Drummond, Arthur P., to Pratt & Whitney Co., Inc. Wheel spindle for grinding machines. 2,733,562, 2-7-56, Cl. 51-267.
- Drummond, Arthur P., to Pratt & Whitney Co., Inc. Cutter head for riding machines. 2,757,580, 8-7-56, Cl. 90-28.1.
- Drummond, Folsom E., to The Commonwealth Engineering Co. of Ohio. Wrinkle drying oil siccativ. 2,744,832, 5-8-56, Cl. 106-264.
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- Drummond, Folsom E., to Commonwealth Engineering Co. of Ohio. Metal sheet or article. 2,746,134, 5-22-56, Cl. 29-191.2.
- Drummond, Folsom E., to Chadeloid Corp. Citrus fluorescent dyes. 2,763,648, 9-18-56, Cl. 260-249.6.
- Drummond, Folsom E., to Midland Chemical Corp. Coating compositions. 2,765,237, 10-2-56, Cl. 106-84.
- Drummond, Folsom E., to Midland Chemical Corp. Coating composition and article. 2,768,993, 10-30-56, Cl. 260-37.
- Drummond, Fred H., Jr., to Western Electric Co., Inc. Apparatus for breaking apart segments of a slit paper roll. 2,742,965, 4-24-56, Cl. 164-84.5.
- Drummond, Ronald B. Ironing accessory. 2,743,542, 5-1-56, Cl. 38-97.
- Drummond, Virgil D., M. L. Gould, and R. Katen, to The Vulcan Copper & Sulphur Co. Two-stage oxidation of olefins using a fluidized catalyst. 2,752,363, 6-26-56, Cl. 260-348.5.
- Drummond, Warren W., to Owens-Corning Fiberglas Corp. Method and apparatus for producing fibers. 2,736,070, 2-28-56, Cl. 19-144.
- Drummond, Warren W., to Owens-Corning Fiberglas Corp. Method and apparatus for producing fibrous products. 2,751,962, 6-26-56, Cl. 154-1.7.



- Drummond, Warren W., and G. E. Smock, to Owens-Corning Fibers, Inc. Method and apparatus for coating fibers. 2,728,972, 1-3-56, Cl. 28-1.
- Drummond, Warren W., W. R. Steitz, and P. J. Frickert, to Owens-Corning Fiberglass Corp. Package for continuous strands. 2,736,512, 2-28-56, Cl. 242-159.
- Drummond, Warren W., W. R. Steitz, and W. F. Holtschulte, to Owens-Corning Fiberglass Corp. Apparatus for the packaging of continuously produced strands. 2,746,118, 5-22-56, Cl. 28-21.
- Drummond, William D., to International Harvester Co. Laterally shiftable, tractor mounted plow. 2,750,658, 7-31-56, Cl. 97-47-53.
- Drummondville Cotton Co. Ltd.: See—Johnson, Donald S. 2,736,122.
- Drumstick, Inc.: See—Landgraber, Fred A., Sr. 2,769,423.
- Orrell, Joseph B., and Wilsusen, E. 2,735,398.
- Drury, George F. Variable stroke mechanism. 2,767,588, 10-23-56, Cl. 74-44.
- Dusek, Frederick, to General Motors Corp. Heat exchange structure for air heating furnaces. 2,762,612, 9-11-56, Cl. 237-256.
- Druz, Walter S., to Zenith Radio Corp. Subscription television system. 2,755,332, 7-17-56, Cl. 178-5-1.
- Druz, Walter S., to Zenith Radio Corp. Subscription television system. 2,755,333, 7-17-56, Cl. 178-5-1.
- Druz, Walter S., to Zenith Radio Corp. Subscription television receiver. 2,758,154, 8-7-56, Cl. 178-5-1.
- Dry, John P., to Zenith Radio Corp. Subscription television receiver translating channel. 2,770,672, 11-13-56, Cl. 178-5-1.
- Dry, John P. Air conditioning units. 2,757,613, 8-7-56, Cl. 103-6.
- Dryg, Donald W., to General Mills, Inc. Inclined rotating rod conveyor. 2,733,801, 2-7-56, Cl. 193-40.
- Dryg, Donald W., L. Jamison, and J. von Edesky, to General Mills, Inc. Flexible container and fittings. 2,751,954, 6-26-56, Cl. 150-1.
- Drygalski, John, to American Can Co. Method of and apparatus for running out-of-round can bodies. 2,748,462, 5-15-56, Cl. 153-32.
- Drying Systems, Inc.: See—Burgess, Russell H. 2,759,334.
- Burgess, Russell H. 2,759,708.
- Burgess, Russell H. 2,770,107.
- Porwancher, Samuel R., and Weissman. 2,732,837.
- Drysdale, Donald: See—Saunders, Erle F., and Drysdale. 2,734,334.
- Saunders, Erle F., and Drysdale. 2,734,335.
- Dualex Corp.: See—Durkee, James D. 2,742,532.
- Dual-Motors Truck Co.: See—Francis, Lynn M. 2,730,400.
- Dualoc Engineering Co.: See—Randall, Ralph R. 2,773,723.
- Schoenrock, Otto R. 2,754,694.
- Dualoy, Inc.: See—Artzt, William W. 2,739,919.
- Duane, John J., to Union Carbide and Carbon Corp. Preparation of organopolysiloxanes. 2,744,923, 5-8-56, Cl. 260-48-2.
- Duane, William R. G., Jr., to Bell Telephone Laboratories, Inc. Multiplex system employing polar modulation. 2,756,418, 7-24-56, Cl. 343-200.
- Dubach, Max. Device for separating solid particles from liquids. 2,748,951, 6-5-56, Cl. 210-199.
- Dubbs, Carbon C., to C. P. Dubbs. Apparatus for making concrete products. 2,731,699, 1-24-56, Cl. 25-41.
- Dubbs, Carbon P.: See—Dubbs, Carbon C. 2,731,699.
- Duberstein, Abner H., and G. Hettlinger, to American Sundries Co. Vaporizers. 2,763,765, 9-18-56, Cl. 219-40.
- Dubied Machinery Co.: See—Hafner, Ernest. 2,755,647.
- Dubilier, William, to Cornell-Dubilier Electric Corp. Manufacture of electrical capacitors. 2,769,889, 11-6-56, Cl. 219-19.
- Dubilier, William. Electronic speed light. 2,775,718, 12-25-56, Cl. 313-113.
- Dubin, Pauline E. D. Measuring scoop. 2,747,410, 5-29-56, Cl. 73-42-29.
- Dubin, William D., and F. Wathne. Cannery cover loading device and method of using same. 2,772,005, 11-27-56, Cl. 214-16.
- Dubl Dee Engineering Corp.: See—Porter, Donald C. 2,743,347.
- Dubner, Harry J. Women's multi-service undergarment accessories. 2,740,969, 4-10-56, Cl. 2-304.
- Du Bois, Arthur E., to Aluminum Products, Inc. Hoist. 2,738,954, 9-20-56, Cl. 254-167.
- Dubois & Co.: See—Dubois, Franz, and Engmann. 2,775,016.
- Downey, Francis F., Du Bois, and Lorenz. 2,760,551.
- Du Bois, Edgar H.: See—Kowalsky, Konstantin, and Du Bois. 2,766,689.
- Du Bois, Edgar H., G. J. Zahradnik, and K. J. Tonkin, to A. B. Dick Co. Cylinder demounting mechanism for duplicators. 2,730,946, 1-17-56, Cl. 101-216.
- Dubois, Ernest, B. Siegrist, and C. Wakker. Manufacture of unoxidisable timepiece springs. 2,773,762, 12-11-56, Cl. 75-13.
- Dubois, Franz, and F. Engmann, to Dubois & Co. Automatic tile presses. 2,775,016, 12-25-56, Cl. 25-42.
- Du Bois, John H., to Plax Corp. Dispenser. 2,761,590, 9-4-56, Cl. 222-211.
- Du Bois, John H., to Plax Corp. Liquid measuring dispenser device. 2,761,591, 9-4-56, Cl. 222-335.
- Dubois, Laurent O., R. N. Gartside, W. B. Johnson, and E. W. Schneider, to E. I. du Pont de Nemours and Co. Continuous manufacture of nitrobenzene. 2,773,911, 12-11-56, Cl. 260-645.
- Du Bois, Philip H. Translating apparatus. 2,746,681, 5-22-56, Cl. 235-61.6.
- Du Bois, Robert C., to Minneapolis-Honeywell Regulator Co. Control apparatus responsive to the extreme magnitude of one of a plurality of variables. 2,743,735, 5-1-56, Cl. 137-85.
- Du Bois, Robert C., to Minneapolis-Honeywell Regulator Co. Measuring apparatus. 2,751,577, 6-19-56, Cl. 340-208.
- Du Bois, Robert C., to Minneapolis-Honeywell Regulator Co. Self adjusting pneumatic control apparatus. 2,769,453, 11-6-56, Cl. 137-86.
- Du Bois, Robert E. Electric resistor structure. 2,736,785, 2-28-56, Cl. 201-69.
- Du Bois, Robert E. Resistor structure. 2,736,786, 2-28-56, Cl. 201-69.
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- Du Bois, Rudolf. Face shield. 2,774,970, 12-25-56, Cl. 2-9.
- Du Bois, Virginia I.: See—Taylor, Norman J., and Bright. 2,770,807.
- Du Bois, William H., to Bendix Aviation Corp. Fluid seal for brake. 2,730,202, 1-10-56, Cl. 188-152.
- Du Bois, William H., to Bendix Aviation Corp. Brake assembly. 2,731,312, 1-17-56, Cl. 309-3.
- Du Bois, William H., to Bendix Aviation Corp. Brakes. 2,742,107, 4-17-56, Cl. 188-18.
- Duboscclard, Paul P. M., to Wiesner-Rapp Co., Inc. Milling machine. 2,753,244, 7-3-56, Cl. 90-13.
- Duboscclard, Paul P. M. Vertical milling machine. 2,768,558, 10-30-56, Cl. 90-13.
- Du Bose, Bruce W.: See—Loden, Roy M. 2,730,976.
- Du Bou, Lewis E. Toilet tissue roll cover. 2,775,408, 12-25-56, Cl. 242-55.2.
- Dubreuil, Lucien A.: See—Stephens, Andrew K., and Dubreuil. 2,757,636.
- Du Breuil, Shirley, to American Cyanamid Co. Dialkyl pyridazinyl phosphate esters and process of making same. 2,759,937, 8-21-56, Cl. 260-250.
- Du Breuil, Shirley, to American Cyanamid Co. Dialkyl pyridazinyl phosphate esters. 2,759,938, 8-21-56, Cl. 260-250.
- Dubussion, Emile D.: See—Eberle, William J., and Dubuission. 2,730,604.
- Dubuit, Louis G. Silk-screen printing machines. 2,757,606, 8-7-56, Cl. 101-126.
- Dubuit, Louis G. Device for printing in register. 2,775,194, 12-25-56, Cl. 101-123.
- Ducey, John J.: See—Caddman, Harry H., and Ducey. 2,731,078.
- Duchacek, Charles F.: See—Pabst, Arthur C., and Duchacek. 2,739,667.
- Ducharme, Joseph A.: See—Buet, Henry E., and Ducharme. 2,726,088.
- Ducheneau, Hervey R., and A. R. Carling, to Aco Inc. Collet and chuck. 2,735,688, 2-21-56, Cl. 279-53.
- Duckitt, Harry: See—Stevens, Sydney A., Duckitt, and Allen. 2,742,579.
- Duckstein, William F., to The Maytag Co. Centrifugally operated valve. 2,748,758, 6-5-56, Cl. 137-53.
- Duckwald, Charles S.: See—Fehr, Robert O., Duckwald, Ringlee, and Hellar. 2,731,834.
- Ducommun, Georges, to Baumgartner Frères S. A. Timing device with alarm mechanism. 2,752,750, 7-3-56, Cl. 58-37.5.
- Ducrot, Albert. Convertible seattees. 2,732,567, 1-31-56, Cl. 5-38.
- Ducrot, Albert. Reclining chair. 2,746,520, 5-22-56, Cl. 155-105.
- Dudchik, Nicholas: See—Gardes, Alfred W., and Dudchik. 2,729,333.
- Gardes, Alfred W., and Dudchik. 2,736,435.
- Dudchik, Nicholas, to Indiana Commercial Filters Corp. Means for separating a two-phase liquid. 2,763,372, 9-18-56, Cl. 210-45.
- Duddeker, Deo H.: See—Yahn, Victor W., Antonidis, Edmundson, and Dudderar. 2,753,477.
- Duddington, Jack E.: See—Bloom, George I. M., Duddington, Vincent, and Willbourn. 2,739,615.
- Duddy, Joseph C. Storage battery separator. 2,742,521, 4-17-56, Cl. 136-145.
- Duddy, Paul F.: See—Farin, William G., Duddy, and Nelson. 2,764,540.
- Dudek, Edmund C.: See—Davis, Robert K., and Dudek. 2,759,507.
- Dudenhausen, Hans J., to Intavex, Inc. Speed control for direct current electric motors. 2,765,434, 10-2-56, Cl. 818-331.
- Dudgeon, Joseph R. L.: See—Amato, Andrew J., and Dudgeon. 2,741,033.
- Dudley, Carl N. Post forming mold. 2,736,942, 3-6-56, Cl. 25-121.

- Dudley, Frank E. Process for removing expanded tubes. 2,731,714, 1-24-56, Cl. 29-427.
- Dudley, Homer W., and C. M. Harris, to Bell Telephone Laboratories, Inc. Synthesis of speech from code signals. 2,771,509, 11-20-56, Cl. 179-1.
- Dudley, John S.: *See*—
- Brandt, Carl D., and Dudley, 2,766,486.
- Dudley, John S., to Whittin Machine Works. Top comb. 2,731,677, 1-24-56, Cl. 19-116.
- Dudley, John S., to Whittin Machine Works. Sliver coiling mechanism. 2,770,016, 11-13-56, Cl. 19-159.
- Dudley, John S., and C. D. Brandt, to Whittin Machine Works. Needle bar mechanism. 2,740,996, 4-10-56, Cl. 19-130.
- Dudley, John W., to American Viscose Corp. Removing gaseous materials from liquid. 2,758,910, 8-14-56, Cl. 23-1.
- Dudley, Randolph, to Altorfer Bros. Co. Centrifugal clutches. 2,756,856, 7-31-56, Cl. 192-105.
- Dudley, William A., to Borax Consolidated, Ltd. Powder dispenser with screw adjusting delivery means. 2,760,689, 8-28-56, Cl. 222-308.
- Duecker, Werner W., to Texas Gulf Sulphur Co. Method for producing sulfur. 2,767,062, 10-16-56, Cl. 23-226.
- Duecy, George P. Method of reinforcing concrete units. 2,743,514, 5-1-56, Cl. 29-452.
- Duenler, Oliver E.: *See*—
- McManus, Joseph D., and Duenler. 2,731,282.
- Duenke, Clarence G., to Moloney Electric Co. Method of producing magnetic core loops for electrical induction apparatus. 2,768,426, 10-30-56, Cl. 29-155.57.
- Duenke, Clarence G., to Moloney Electric Co. Magnetic cores for electrical induction apparatus and the method of producing same. 2,771,664, 11-27-56, Cl. 29-155.57.
- Duenke, Clarence G., and T. W. Skillington, to Moloney Electric Co. Core cutting machines. 2,771,717, 11-27-56, Cl. 61-108.
- Dueringer, Erwin G.: *See*—
- Broberg, Leonard E., and Dueringer. 2,764,320.
- Droughington, Dean C., and Dueringer. 2,729,268.
- Dueringer, Erwin G., and W. G. Martin, to A. O. Smith Corp. Method of unloading storage structures. 2,736,461, 2-28-56, Cl. 222-1.
- Duerr, Charles, to Jacoby-Bender, Inc. End clamp for a bracket or the like. 2,764,796, 10-2-56, Cl. 24-233.
- Duesberg, Hubert C. M. H. Automatic apparatus for accumulating fibers delivered by continuously operating carding machinery. 2,771,641, 11-27-56, Cl. 19-161.
- Duesing, Bert F. Detonator holder. 2,754,756, 7-17-56, Cl. 102-24.
- Duetzmann, Hans C., to Olin Mathieson Chemical Corp. Lamp switch. 2,750,586, 1-10-56, Cl. 200-60.
- Dufault, Emmanuel J., to Canada Packers, Ltd. Process for rendering animal fats. 2,742,488, 4-17-56, Cl. 260-412.6.
- Du Fault, Homer D. Radiant gas burner apparatus. 2,771,132, 11-20-56, Cl. 158-113.
- Duff, Beulah M.: *See*—
- Duff, Charles L. 2,753,593.
- Duff, Charles L., deceased, by B. M. Duff, administratrix, to The B. F. Goodrich Co. Apparatus for rolling an open edge of a thin flexible article. 2,753,593, 7-10-56, Cl. 18-2.
- Duff, Jack E., to The Hoover Co. Flexible hose. 2,739,616, 3-5-56, Cl. 238-56.
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- Embry, Robert C., and Duff. 2,754,496.
- Duff, Mort. Animal hide scratcher and oiler. 2,766,726, 10-16-56, Cl. 119-157.
- Duff-Norton Co.: *See*—
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- Dixon, John J. 2,771,787.
- Duff, Robert O., Jr., to Container Corp. of America. Container unit and carrier for multiple units. 2,757,849, 8-7-56, Cl. 229-15.
- Duff, Samuel. Piggeries and sewage drainage systems therefor. 2,736,291, 2-28-56, Cl. 119-18.
- Duffens, Robert E. and R. A. Lens surfacing machine. 2,754,638, 7-17-56, Cl. 51-160.
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- Duffey, Donn W.: *See*—
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- Duffey, Thomas E., to Pet Products, Inc. Insecticide applicator. 2,762,158, 9-11-56, Cl. 43-145.
- Duffin, George T.: *See*—
- Kendall, John D., and Duffin. 2,740,793.
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- Dufford, Harry M. Method of applying a building wall facing. 2,748,443, 6-5-56, Cl. 25-154.
- Duffy, Cyrus P. Self-loading shovel ditching machine. 2,743,537, 5-1-56, Cl. 37-4.
- Duffy, John B.: *See*—
- Vaughan, Victor G., and Duffy. 2,768,342.
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- Dufour, Charles, to Compagnie Generale de Telegraphie Sans Fil. Cathode-ray oscilloscopes. 2,755,409, 7-17-56, Cl. 315-12.
- Dufour, Léon. Brake operated by steering mechanism. 2,738,846, 3-20-56, Cl. 180-636.
- Dufour, Léon. Agricultural tractor with rocking section. 2,738,848, 3-20-56, Cl. 180-54.
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- Lovshin, Frank A., Dufourd, and Korolyshun. 2,730,140.
- Dufresne, Oliver J., Inhaler. 2,745,402, 5-15-56, Cl. 128-200.
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- Dugar, Vincent F.: *See*—
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- Dugas, Joseph J., to Higgins, Inc. Mixing machine for expanded cellular concrete. 2,733,053, 1-31-56, Cl. 259-165.
- Dugdale, Richard K. Magnetic novelty with liquid release. 2,739,420, 1-27-56, Cl. 46-237.
- Dugan, James, to Watts Electric & Mfg. Co. Shaft or journal seal. 2,729,476, 1-3-56, Cl. 286-11.11.
- Duggan, James J.: *See*—
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- Dugle, Thomas E.: *See*—
- Binn, Jack N., Dugle, and Alt. Re. 24,127.
- Binn, Jack N., Dugle, and Alt. 2,756,958.
- Dugle, Thomas E., to Miller Fluid Power Co. Deflection compensated piston rod and method of making same. 2,740,381, 4-3-56, Cl. 121-1.
- Dugle, Thomas E., to E. Clutter, and A. F. Alt, to Planet Products Corp. Servo tracking device for endless members. 2,733,555, 2-7-56, Cl. 51-135.
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- Du Hamell, Daniel L., Jr., to General Electric Co. Laundry apparatus. 2,750,782, 6-19-56, Cl. 269-1.
- Duhan, Frederick W., to Crown Cork & Seal Co., Inc. Can seaming machine. 2,737,137, 3-6-56, Cl. 113-23.
- Duinker, Simon, to Hartford National Bank and Trust Co., as trustee. Trigger circuit of the magnetic or dielectric type. 2,773,198, 12-4-56, Cl. 307-88.
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- Larson, Robert H. 2,751,815.
- Dukas, James K. Automatic water feeding device. 2,756,768, 7-31-56, Cl. 137-407.
- Duke, Harvie J., to Monroe Calculating Machine Co. Paper guide for listing calculators. 2,748,916, 6-5-56, Cl. 197-127.
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- Duke, Marshall L. Safety razor. 2,769,253, 11-6-56, Cl. 30-69.
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- Duling, Irl N., Jr.: *See*—
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- Dulmage, Frederick E., to The Dow Chemical Co. Plastics mixing and extrusion machines. 2,753,595, 7-10-56, Cl. 33-186.
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- Dumort, Arnold L., to Potter Instrument Co., Inc. Multiple sequence type wheel printer. 2,757,605, 8-7-56, Cl. 101-93.
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- Dumont Aircraft Fitting Co.: *See*—
- Darling, William H. 2,767,735.
- Du Mont, Allen B., Laboratories, Inc.: *See*—
- Ault, Cyrus F. 2,734,163.
- Bang, Mogens W. 2,737,148.
- Beckers, Albert E. 2,734,147.
- Berkley, Carl E. 2,762,984.
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- Huffman, Charles E. 2,762,949.
- Huist, George D. 2,729,796.
- Hylas, Albert E., and Tyminski. 2,735,986.
- Mansberg, Hyman P. 2,751,275.
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- Dumore Co., The: *See*—  
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- Dumoulin, Louis, to L'Air Liquide Societe Anonyme pour l'Etude et l'Exploitation des Procédes Georges Claude. Process for electric arc welding in a protective atmosphere. 2,764,668, 9-25-56, Cl. 219—137.
- Dunand, Robert M. E., to Societe Alsacienne de Constructions Mécaniques. Wide range alternating current impedance bridge. 2,754,477, 7-10-56, Cl. 324—57.
- Dunbar, Calvin D. Game board and playing pieces for use with the same. 2,757,934, 8-7-56, Cl. 273—136.
- Duncan, Dan B., and W. R. Mittendorf, to Avco Mfg. Corp. Flexible defroster-heater installation for refrigerator. 2,749,717, 6-12-56, Cl. 62—3.
- Duncan, Edith B.: *See*—  
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- Duncan Electric Mfg. Co.: *See*—  
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- Duncan, George R., to Zero Mfg. Co. Vacuum container milking system and apparatus therefor. Re. 24,162, 6-5-56, Cl. 119—14.09.
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- Duncan, George R., to Zero Mfg. Co. Stall arrangement and vacuum container milking system. 2,740,377, 4-3-56, Cl. 119—14.03.
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- Duncan, Ira J.: *See*—  
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- Duncan, Ira J., to Detrex Corp. Composition and method for removing hardened silicone resin glazes from metal surfaces. 2,755,200, 7-17-56, Cl. 134—29.
- Duncan, James. Combined strainer-basket and valve stopper for sinks. 2,763,012, 9-18-56, Cl. 4—287.
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- Duncan, James A., to Grinnell Corp. Heat responsive conductive cable. 2,758,294, 8-7-56, Cl. 340—253.
- Duncan, James F.: *See*—  
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- Duncan, James F. Adjustable guide arm for flush tank valve stem. 2,765,474, 10-9-56, Cl. 4—57.
- Duncan, Larry K.: *See*—  
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- Duncan, Lee N., deceased; E. B. Duncan, executrix, by decree of distribution to E. B. Duncan. Devices for containing and dispensing granular, powdered or crystalline material. 2,757,022, 6-12-56, Cl. 222—136.
- Duncan, Nesbit L., and L. E. St. Jean, to Raytheon Mfg. Co. Capacitor commutator. 2,760,127, 8-21-56, Cl. 317—250.
- Duncan, Owen G. Self-closing vent plug. 2,757,223, 7-31-56, Cl. 136—173.
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- Duncan, Robert S., to Bell Telephone Laboratories, Inc. Superregenerative transistor broadcast receiver. 2,751,497, 6-19-56, Cl. 250—36.
- Duncan, Sydney F., and A. W. Hardy, to Farr Co. Multiple stage refrigerator. 2,737,261, 3-6-56, Cl. 183—34.
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- Duncan, Theodore R. Toy piano. 2,759,387, 8-21-56, Cl. 84—404.
- Duncan, Thomas W., to Whirlpool-Seeger Corp. Automatic refrigerator defrosters. 2,738,173, 2-28-56, Cl. 62—4.
- Duncan, Thomas W., to Whirlpool-Seeger Corp. Defrosting evaporators. 2,769,311, 11-6-56, Cl. 62—3.
- Duncan, William A., to Acme Homes Metal Works, Inc. Metal slide support for table drop leaf. 2,731,317, 1-17-56, Cl. 134—101.
- Duncan, William A., to Acme Homes Metal Works, Inc. Attaching means for extension table slide mechanism. 2,766,959, 10-16-56, Cl. 248—248.
- Duncan, William A., to Acme Homes Metal Works, Inc. Metal bed rail construction. 2,771,616, 11-27-56, Cl. 5—286.
- Duncan, William M. Pallets and grate bar therefor. 2,764,403, 9-25-56, Cl. 26—61.
- Duncanson, Robert H., and W. G. Roll, to General Mills, Inc. Breather system for steam irons. 2,769,257, 11-6-56, Cl. 38—77.
- Dundore, Marvin W., to Twin Disc Clutch Co. Power transmission. 2,750,018, 6-12-56, Cl. 192—3.2.
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- Dunham, Elmer J., to Clark Equipment Co. Industrial truck frame with integral fluid tank. 2,764,449, 9-25-56, Cl. 296—28.
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- Dunkle, Harold L. Decorative pine cone. 2,734,297, 2-14-56, Cl. 273—111.
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- Dunlap, Charles K., and T. G. Crawford, to Sonoco Products Co. Textile carrier and means for forming same. 2,751,936, 6-26-56, Cl. 138—78.
- Dunlap, Charles M., to Westinghouse Electric Corp. Washing apparatus. 2,771,766, 11-27-56, Cl. 68—24.
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- Dunlap, Kermit S., and E. B. Ferrell, to Bell Telephone Laboratories, Inc. Telephone system. 2,754,368, 7-10-56, Cl. 179—17.
- Dunlap, Kermit S., and C. A. Lovell, to Bell Telephone Laboratories, Inc. Communication system. 2,774,822, 12-18-56, Cl. 179—18.
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- Dunlap, Lawrence H., to Armstrong Cork Co. Manufacture of plastic floor covering. 2,772,141, 11-27-56, Cl. 18—47.

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- Dunlap, William C., Jr., to General Electric Co. Hall effect apparatus. 2,763,822, 2-28-56, Cl. 307-88.5, Cl. 41-13.
- Dunlap, William C., Jr., to General Electric Co. Magneto-responsive device. 2,752,434, 6-26-56, Cl. 179-171.
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 Biswell, Charles L. 2,734,808.  
 Bordner, Charles A. 2,758,139.  
 Bowers, George H., III. 2,757,163.  
 Boyd, Samuel N., Jr. 2,737,517.  
 Brace, Neal O. 2,733,229.  
 Bradley, Harris W. 2,737,529.  
 Bradley, Harris W., and Fuller. 2,754,326.  
 Braendle, Richard O. 2,746,922.  
 Braendle, Richard O. 2,751,366.  
 Brant, Gilbert W. 2,744,080.  
 Bresa, Cyril J., and Noren. 2,748,700.  
 Bristol, John E., and Tanner. 2,734,048.  
 Britton, Carlyle P., Elker, Ellis, and Lester. 2,746,167.  
 Brock, Peter R., Luft, and Schmauss. 2,772,688.  
 Broze, Edward C. 2,736,668.  
 Broze, Edward C. 2,739,078.  
 Broze, Edward C. 2,763,560.  
 Brooks, Robert A. 2,772,285.  
 Brouha, Lucien A., Smith, and Zapp. 2,773,262.  
 Brumer, Walter M., and Wayne. 2,748,099.  
 Buck, Allen C. 2,772,986.  
 Burosh, John. 2,763,620.  
 Burk, Robert E., and Inskip. 2,768,182.  
 Burrows, Lawton A., and Jordan. 2,772,444.  
 Butler, Keith H., and Olson. 2,773,745.  
 Calkins, William H. 2,750,403.  
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 Carlson, Joseph G. 2,734,794.  
 Campbell, John E. 2,735,308.  
 Carter, Giles F. 2,734,036.  
 Cartledge, William J. 2,730,433.  
 Castle, John E., and Webers. 2,768,973.  
 Catlin, Willard E. 2,737,496.  
 Catlin, Willard E., and Robbins. 2,737,452.  
 Cheshire, John R., and Frutkin. 2,781,415.  
 Chen, William A., and Hofrichter. 2,736,066.  
 Chu, Victor F.-H. 2,758,029.  
 Cleaver, Charles S., and Farlow. 2,757,212.  
 Cline, Edward T. 2,749,208.  
 Cline, Edward T. 2,749,328.  
 Coffman, Donald D., and Tullock. 2,757,213.  
 Colburn, Allan P., Jones, and Pyle. 2,747,849.
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 Coraor, George R. 2,731,499.  
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 Corneli, Ernest R. 2,768,587.  
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 Coursen, David L. 2,755,736.  
 Covington, Robert A., Jr., and Waldin. 2,767,427.  
 Covington, Robert A., Jr., and Waldin. 2,772,548.  
 Cummins, Earl W. 2,753,376.  
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 Dalton, Richard L., Iler, and Alexander. 2,733,205.  
 Darden, Eugene T. 2,766,283.  
 Davis, Clyde O., Glogau, Loving, and Swed. 2,736,261.  
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 Deyrup, Alden J., and Mills. 2,758,084.  
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 Dombrowski, Henry S., Sanders, and Wall. 2,730,353.  
 Donaruma, Lorraine G. 2,763,644.  
 Donaruma, Lorraine G. 2,763,685.  
 Donaruma, Lorraine G. 2,763,686.  
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 Drew, Donald E., and Farrelly. 2,732,887.  
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 Dubois, Laurent O., Gartside, Johnson, and Schneider. 2,773,911.  
 Eaton, Russell B. 2,744,060.  
 Eckert, George F. 2,736,692.  
 Emslie, Robert S. 2,731,495.  
 Engelhardt, Vaughn A., and Middleton. 2,766,270.  
 England, David C. 2,765,294.  
 England, David C. 2,765,306.  
 England, David C. 2,770,652.  
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 Farlow, Mark W., and Muetteties. 2,732,410.  
 Farlow, Mark W., and Muetteties. 2,732,411.  
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 Flenner, Albert L. 2,766,274.  
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 Gerjovich, Henry, and Johnson. 2,762,696.  
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 Glass, Leo A., and Troy. 2,774,276.  
 Glaze, Francis W., Jr., and Speck. 2,729,533.  
 Goebel, Max T. 2,736,669.  
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 Gregory, Walter A., and Paulshock. 2,742,500.  
 Gresham, William F., and Taylor. 2,731,447.  
 Griffith, Andrew S., Jr., McDonald, and Wilfong. 2,733,121.  
 Grimm, Godfrey, and Brizolara. 2,772,983.  
 Gross, Peter F. 2,765,318.  
 Hall, Oliver M., and Malkon. 2,770,842.  
 Halliwell, Ronald H., and Hanson. 2,768,132.  
 Hamblet, Clement H., and Hansen. 2,750,415.  
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 Hare, Weston. 2,764,468.  
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 Haslam, John H. 2,732,799.  
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 Hause, Norman L. 2,768,118.  
 Hayek, Mason. 2,741,568.  
 Heckert, Richard E. 2,762,810.  
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 Heiderich, Edward W. 2,765,216.  
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 Hubbard, James K. 2,744,085.  
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 Huber, Melvin L., and Kirst. 2,739,985.  
 Hull, Donald R. 2,729,538.  
 Iler, Ralph K. 2,739,630.  
 Iler, Ralph K. 2,739,074.  
 Iler, Ralph K. 2,739,075.  
 Iler, Ralph K. 2,739,076.  
 Iler, Ralph K. 2,760,941.  
 Imman, Byron N. 2,751,389.  
 Imman, Byron N., and Lemke. 2,742,344.  
 Irwin, Carl F., and Swamer. 2,757,183.  
 Jacobson, Henning W. 2,764,503.  
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 Jenner, Edward L. 2,757,192.  
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 Jessen, Christian C. 2,772,182.  
 Johnson, Robert C. 2,768,052.  
 Jones, Earl R., and Newell. 2,755,027.  
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 Keefe, Robert L., Jr. 2,747,368.  
 Kerwin, Bernard J., and Wach. 2,772,732.  
 Kinglerley, Richard W., Jr. 2,745,770.  
 Kinraide, William T. R. 2,747,251.  
 Kirby, James E. 2,732,317.  
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 Klopping, Hein L. 2,729,644.  
 Klopping, Hein L. 2,729,645.  
 Klopping, Hein L. 2,729,646.  
 Kolb, Harry J. 2,758,908.  
 Kovacic, Peter. 2,765,303.  
 Kremer, Vincent W., and Lemke. 2,773,752.  
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 Larsson, Bjorn E. 2,734,831.  
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 Lipsitz, Paul. 2,758,566.  
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 Lubs, Herbert A. 2,739,093.  
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 Martin, Elmore L. 2,754,286.  
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 Moede, Jerome A. 2,772,165.  
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 Moessen, Gustave W. 2,757,089.  
 Monet, Gilbert P. 2,773,028.  
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 Morran, William A. 2,730,478.  
 Muettterties, Earl L. 2,729,663.  
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 Nester, Ralph G. 2,749,934.  
 Niederhauser, Donald O. 2,748,097.  
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 Pelley, Ralph L. 2,757,184.  
 Pestell, Raymond H. 2,772,773.  
 Petersen, Charles J. 2,741,534.  
 Plambeck, Louis, Jr. 2,760,563.  
 Piccard, John A. 2,767,506.  
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 Reynolds, Richard J. 2,752,329.  
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 Saum, Arthur M. 2,732,931.  
 Schaeferbauer, Robert A., and Pitts. 2,748,106.  
 Schmidt, Edgar H. 2,747,866.  
 Schofield, Frank M. 2,742,379.  
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 Schwartz, Harold G. 2,749,960.  
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 Scott, George W. 2,751,295.  
 Searle, Norman E. 2,733,988.  
 Searle, Norman E. 2,756,135.  
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 Selby, Donald W. 2,736,506.  
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 Sheeran, Stanley R. 2,751,073.  
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 Snyder, Mark D. 2,744,087.  
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 Speck, Stanley R. 2,754,284.  
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Wilkins, John P. 2,764,559.  
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Williams, Lucille E. 2,765,251.  
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Winberg, Hilmer E. 2,744,130.  
Winning, Clarence H. 2,733,139.  
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- Dupont, Roland. Electric vulcanizing outfits. 2,738,407, 3-13-56, Cl. 219-19.
- Du Pont, Stephen, to Doman Helicopters, Inc. Device for measuring the aerodynamic pitching moments of a short length of a full sized airfoil. 2,770,967, 11-20-56, Cl. 73-147.
- Dupont, Pierre, to Etablissements Neypirc. Impulse turbine arrangements. 2,735,647, 2-21-56, Cl. 253-140.
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- Du Priest, Florence. Stadium seat. 2,740,466, 4-3-56, Cl. 155-133.
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Braatz, Clarence W. 2,764,350.
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- Durbin, Edward, to Sperry Rand Corp. Automatic gain and amplitude balance control system for hyperbolic navigation receivers. 2,769,976, 11-6-56, Cl. 343-103.
- Durbin, William K., to Vaugh Equipment Co. Cushion underframe. 2,768,578, 5-1-56, Cl. 213-8.
- Dureau, Gabriel H. L., to Societe Alsacienne de Constructions Mecaniques. Device for decoding of coded electric pulses. 2,752,507, 6-26-56, Cl. 250-27.
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- Durex, S. A. : *See*—  
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- Durig, Rudolf, to J. R. Geigy A. G. Metallisable polyazo dyestuffs. 2,762,794, 9-11-56, Cl. 260-172.
- Dirig, Rudolf, to J. R. Geigy A. G. Process for the production of 2-hydroxy-4-methyl-(hydroxybenzo)-quinoline sulphonic acids. 2,763,656, 9-18-56, Cl. 260-289.
- Duriron Co., Inc. : *See*—  
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- Durna, Clement A., to Erving Paper Mills. Package having tear strip. 2,759,657, 8-21-56, Cl. 229-51.
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Odum, William H., Hosford, and Wieser. 2,771,103.
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- Durrett, William R. : *See*—  
Applegate, Robert B., and Durrett. 2,756,782.
- Durrett, Charles S., ½ to H. K. Aurandt. Fountain tooth-brush. 2,766,472, 10-16-56, Cl. 15-138.
- D'Urso, Nicola, to Compagnia Internazionale Superfiltri. Pressure filter. 2,754,004, 7-10-56, Cl. 210-182.
- Durst, Arnold : *See*—  
Locher, Arthur, and Durst. 2,761,789.
- Durst, George : *See*—  
Boessenkool, Helmich W., Durst, and Siegel. 2,753,623.
- Durst, Robert F. : *See*—  
Bonner, Walter F., Durst, Lewanda, and Machala. 2,758,266.
- Durst, Walter H. Jointer sharpener. 2,729,923, 1-10-56, Cl. 51-173.
- Dusenbury, George A. Flexible chairs. 2,773,544, 12-11-56, Cl. 155-187.
- DuShane, Wallace H., to Deere Mfg. Co. Engine control. 2,767,594, 10-23-56, Cl. 74-472.
- Du Shane, Wallace H., to Deere Mfg. Co. Hitch device. 2,775,175, 12-25-56, Cl. 97-46,09.
- Du Shane, Wallace H., to Deere Mfg. Co. Hitch device. 2,775,180, 12-25-56, Cl. 97-47,58.
- Du Shane, Wallace H., and V. L. Rugen, to Deere Mfg. Co. Transmission and control therefor. 2,772,652, 12-4-56, Cl. 74-337,5.
- Dushkes, Sherman Z., and G. J. Willey. Pivot cam plate mechanism. 2,743,619, 5-1-56, Cl. 74-110.
- Dusini and Hunt, Inc. : *See*—  
Dusing, Leon F. 2,772,905.
- Dusing, Leon F., to Dusing and Hunt, Inc. Door latch mechanism. 2,772,905, 12-4-56, Cl. 292-36.
- Dussaussoy, Pierre : *See*—  
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- Dussaussoy, Pierre, and M. Griot, to Compagnie Generale de Telegraphie Sans Fil. Manufacture process of tubes or vacuum envelopes. 2,752,532, 6-26-56, Cl. 316-19.
- Dussy, Paul : *See*—  
Bossard, Werner, and Dussy. 2,760,958.
- Dustan, Frank. Screen plate. 2,737,086, 3-6-56, Cl. 92-31.
- Duszynski, Walter. Vegetable slicer having adjustable cutting member. 2,766,793, 10-16-56, Cl. 146-170.
- Dutcher, Harris A., and H. R. Sailors, to Phillips Petroleum Co. Decomposing urea adducts by countercurrently contacting the urea adducts with a hot gas, removing the urea and recycling the larger urea particles. 2,744,887, 5-8-56, Cl. 260-96,5.
- Dutilh, Jean R. H. Electromechanical phase-shifters. 2,738,851, 2-28-56, Cl. 318-19.
- Dutro, Claude O. Cylinder block ridge grinder. 2,772,529, 12-4-56, Cl. 51-245.
- Dutton, Gilbert F., and N. H. Gawthrop, to Electric & Musical Industries Ltd. Magnetic sound recording or reproducing apparatus. 2,737,395, 3-6-56, Cl. 274-4.
- Dutton, Harvey J. Christmas tree stand. 2,730,321, 1-10-56, Cl. 248-48.
- Dutton, Oscar B., to Hoffman Electronics Corp. Simplified circuits for producing amplitude modulation. 2,772,398, 11-27-56, Cl. 332-41.
- Duval, Clabourne A., Jr. : *See*—  
Brooks, Frank W., Jr., and Duval. 2,770,581.
- Duval, Clabourne A., Jr., and W. F. Rosen, to Socony Mobil Oil Co., Inc. Stabilization of fuel oil with caustic solution. 2,754,253, 7-10-56, Cl. 196-41.
- Duval, Ernest H., to The Gillette Co. Display card. 2,773,592, 12-11-56, Cl. 206-79.
- Duval, Jean P., to M. A. Bunford. Means for centrifugal molding. 2,740,176, 4-3-56, Cl. 22-63.
- Duval, Montague H., and C. M. Vitz, to Read Standard Corp. Article transporting apparatus. 2,741,384, 4-10-56, Cl. 214-622.
- Duval, Robert E., to the United States of America. Delta-ring hydraulic packing. 2,732,268, 1-24-56, Cl. 309-31.
- Duval, Ronald F., to Tack Band, Inc. Upholstery tacking strap. 2,757,719, 8-7-56, Cl. 153-164.
- Duvall, Thure C., to Wood Conversion Co. Manufacture of fiber felts. 2,746,895, 5-22-56, Cl. 154-101.
- Duvoisin, Jean A., and A. F. Hayek, to General Precision Laboratory Inc. Television shutter. 2,757,234, 7-31-56, Cl. 178-7,2.
- Dvorak, Joseph F., ½ to F. Machalek and ½ to J. Litochleb. Damper for musical instruments. 2,778,408, 12-11-56, Cl. 84-217.

- Dworzsek, Charles. Method of making toupees. 2,736,325, 2-28-56, Cl. 132-53.
- Dwight Mfg. Co., Inc.: *See*—  
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- Dwight, Robert L.: *See*—  
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- Dwinell, Dwight J.: *See*—  
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- Dwyer, James H., to Precision Grinding Ltd. Pantograph. 2,766,529, 10-16-56, Cl. 33-25.
- Dwyer, James J.: *See*—  
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Speed, William C., and Dwyer. 2,759,677.  
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Speed, William C., and Dwyer. 2,765,126.  
Speed, William C., and Dwyer. 2,766,950.  
Speed, William C., and Dwyer. 2,775,450.
- Dwyer, William J., to J. I. Case Co. Baler. 2,733,652, 2-7-56, Cl. 100-4.
- Dybvig, Edwin S., to General Motors Corp. Refrigerating apparatus having reheating means. 2,729,072, 1-3-56, Cl. 129.
- Dyckerhoff, Adolph H. Pyroster-device for rapid measurement of high temperatures of fluids up to 4000° F. 2,769,074, 10-30-56, Cl. 201-63.
- Dyczkowski, Chester W. Multiple hook fishing device. 2,746,198, 5-22-56, Cl. 43-36.
- Dyzynski, Karol T., to The Erie Tool Works. Quick-acting pipe vise. 2,767,606, 10-23-56, Cl. 81-19.
- Dye, Edward R., to Cornell Aeronautical Laboratory, Inc. Friction pad footwear. 2,740,208, 4-3-56, Cl. 36-59.
- Dye, Edward R., to Cornell Aeronautical Laboratory, Inc. Pneumatic suspension for safety helmet. 2,759,186, 9-21-56, Cl. 3-3.
- Dye, Garnett J. Combined gutter and canopy. 2,764,236, 9-25-56, Cl. 160-127.
- Dye, Glen M., C. O. Knudsen, and J. F. Braden, to The Pako Corp. Apparatus for processing strips of light-sensitive material. 2,770,179, 11-13-56, Cl. 95-94.
- Dye, Harry W., to Food Machinery and Chemical Corp. Composition for controlling growth of fungi comprising dichloronaphthaquinone and bentonite sulfur. 2,771,389, 11-20-56, Cl. 167-20.
- Dye, Russell V., to J. G. Sheldon. Combined laundering and drying machines. 2,749,734, 6-12-56, Cl. 68-20.
- Dye, William T., Jr., to Monsanto Chemical Co. Process of preparing alkyl thiophosphates. 2,730,541, 1-10-56, Cl. 260-461.
- Dye, William T., Jr., to Monsanto Chemical Co. Benzyltris-(dialkylamino) phosphonium halides. 2,730,547, 1-10-56, Cl. 260-351.
- Dye, William T., Jr., to Monsanto Chemical Co. Method for controlling mollusks with diethyl thiophosphoryl bis(di-methyl-amido) phosphate. 2,757,118, 7-31-56, Cl. 167-22.
- Dye, William T., Jr., to Monsanto Chemical Co. Herbicidal alkyl-amino phosphonium halides. 2,774,658, 12-18-56, Cl. 71-27.
- Dyer, Bernard S.: *See*—  
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- Dyer, Charles E., and D. M. Gilbert. Nursing bottle holder. 2,764,376, 9-25-56, Cl. 248-102.
- Dyer, John B., to General Motors Corp. Stop and position means for windshield wiper. 2,765,064, 10-2-56, Cl. 192-116.5.
- Dyer, John B., and R. H. Sullivan, to General Motors Corp. Motor control means. 2,765,029, 2-14-56, Cl. 310-77.
- Dyer, John B., and W. D. Harrison, to General Motors Corp. Windshield wiper actuating mechanism. 2,748,612, 6-5-56, Cl. 74-70.
- Dyer, John W.: *See*—  
Hartzell, Herman L., and Dyer. 2,738,808.  
Lautzenheiser, Argyle G., Shaw, and Dyer. 2,749,498.
- Dyer, John W., to General Motors Corp. Friction coupling. 2,737,792, 3-13-56, Cl. 64-30.
- Dyer, John W., to General Motors Corp. Magnet motor for vibrating diaphragm sound signals. 2,740,958, 4-3-56, Cl. 340-388.
- Dyer, John W., J. H. Flatt, and B. H. Short, to General Motors Corp. Windshield wiper mechanism. 2,744,282, 5-8-56, Cl. 15-255.
- Dygart, Justin C., to Shell Development Co. Protecting walls against erosion by solid particles. 2,772,925, 12-4-56, Cl. 502-64.
- Dyke, Edwin, to Motorola, Inc. Antenna system compensating for polarization field rotation. 2,742,565, 4-17-56, Cl. 205-15.
- Dyke, Edwin, to Motorola, Inc. Radio station building structure. 2,761,963, 9-4-56, Cl. 250-15.
- Dyke, Edwin, to Motorola, Inc. Signalling equipment. 2,722,041, 2-4-56, Cl. 343-100.
- Dyk, Herbert J. Clutch mechanism for railway hand brakes. 2,733,790, 2-7-56, Cl. 192-16.
- Dyke, Ray A., Jr.: *See*—  
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- Dykzeul, Theodore J., and W. L. Schmidt, to Robertshaw-Fulton Controls Co. Control valve mechanism for fluid fuel burning appliances. 2,765,803, 10-9-56, Cl. 137-79.
- Dylewski, Stanley W., H. G. Dulude, and G. W. Warren, to The Dow Chemical Co. Production of ethylene polyamines. 2,769,841, 11-6-56, Cl. 260-585.
- Dylewski, Thaddeus J., to Radio Corp. of America. Radio antenna system. 2,756,423, 7-24-56, Cl. 343-845.
- Dylewski, Thaddeus J., to the United States of America as represented by the Secretary of the Air Force. Radio antenna. 2,758,300, 8-7-56, Cl. 343-845.
- Dymond, James E.: *See*—  
Whitlock, Robert A., Jr., and Dymond. 2,755,246.
- Dynski, Donald A., to General Motors Corp. Burner safety control system. 2,761,825, 9-4-56, Cl. 236-68.
- Dynamit-Actien-Gesellschaft vormals Alfred Nobel & Co.: *See*—  
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- Dyrkacz, Wasil W., E. E. Reynolds, and W. E. Blatz, to Allegheny Ludlum Steel Corp. Cast alloys. 2,763,647, 9-18-56, Cl. 75-171.
- Dyrkacz, Wasil W., R. K. Pitler, and E. E. Reynolds, to Allegheny Ludlum Steel Corp. Iron base austenitic alloys. 2,764,481, 9-25-56, Cl. 75-126.
- Dyson, Eugene K.: *See*—  
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- Dzaack, Heinz A., to Aktiebolaget Stathmos. Device for summing-up automatically the additional weight in balances with a registering device. 2,764,955, 10-2-56, Cl. 116-129.
- Dziedziula, Edward J., and H. C. Lieb, to Universal Winding Co. Means for collecting and utilizing electrical energy of nuclear transformations. 2,774,891, 12-18-56, Cl. 310-3.
- Dziergawa, Herbert, to Patent-Traubhand-Gesellschaft für elektrische Glühlampen m. b. H. Ultraviolet lamp. 2,757,305, 7-31-56, Cl. 313-112.
- Dzuba, Michael: *See*—  
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- E & G Machine and Tool Co.: *See*—  
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- E & J Mfg. Co.: *See*—  
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Fox, Le Roy G. 2,737,178.
- E. M. B. Co. Ltd.: *See*—  
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- E T A Ltd., Blanks Factory: *See*—  
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- ETC., Inc.: *See*—  
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- E-Z-On Corp.: *See*—  
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- E Z Painter Corp.: *See*—  
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- Eaddy, Ernest J., Sr. Jalousie weather stripping. 2,740,175, 4-3-56, Cl. 20-62.
- Eaddy, Ernest J., Sr. Jalousie clip. 2,748,432, 6-5-56, Cl. 20-62.
- Eagle, Glena, to Peek-A-Boot Inc. High top rainproof footwear. 2,753,635, 7-10-56, Cl. 36-7.3.
- Eadie, Andrew H. Lawn conditioner rake. 2,748,557, 6-5-56, Cl. 56-400.16.
- Eadon-Clarke, Christopher E., to International Standard Electric Corp. Gas burner system having time controlled air and fuel supply. 2,743,771, 5-1-56, Cl. 158-123.
- Eads, David K.: *See*—  
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- Eads, Harold O. Seeping well. 2,767,801, 10-23-56, Cl. 18-2.
- Eagan, Joseph A., to Philadelphia Pump & Machinery Co. Proportioning pump. 2,771,845, 11-27-56, Cl. 103-153.
- Eagan, William F., to Allis-Chalmers Mfg. Co. Voltage deviation detector. 2,749,500, 6-5-56, Cl. 322-28.
- Eagle, Edward, and F. A. Norris, to Swift & Co. Seed meal detoxification. 2,740,718, 4-3-56, Cl. 99-2.
- Eagle Electric Mfg. Co.: *See*—  
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- Eagle Lock Co., The: *See*—  
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- Eagle Mfg. Co.: *See*—  
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- Eagle-Picher Co., The: *See*—  
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Chubb, Melvin F., and Dines. 2,745,893.  
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- Eagle Rubber Co., Inc.: *See*—  
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- Eaglesfield, Charles C., to International Standard Electric Corp. Electron discharge apparatus. 2,745,957, 5-15-56, Cl. 250-27.
- Eagon, Norton D., to Chance Vought Aircraft, Inc. Fuel tank gage. 2,731,938, 1-24-56, Cl. 116-118.
- Eakins, Merle M., to Pittsburgh Plate Glass Co. Method for homogenizing glass. 2,746,729, 5-22-56, Cl. 259-3.
- Eales, John G. R., and E. Hale, to Co-Operative Wholesale Society, Ltd. Storage racks for cheeses. 2,744,325, 5-8-56, Cl. 31-49.
- Eames, Charles, to Herman Miller Furniture Co. Upholstery pad. 2,738,835, 3-20-56, Cl. 155-184.



- Eames, George M. : See—  
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- Eames, James O., and R. S. Sanford, to The Michaels Art Bronze Co., Inc. Twin parking meter. 2,749,978, 6-12-56, Cl. 161—15.
- Eames, Walter R., to Eaton Mfg. Co. Flow divider valve. 2,731,994, 3-6-56, Cl. 137—10.
- Eames, Walter R., to Eaton Mfg. Co. Rotary pump with flow control valves. 2,752,853, 7-3-56, Cl. 103—42.
- Eames, Walter R., Jr., to Eaton Mfg. Co. Internal gear pump. 2,732,802, 1-31-56, Cl. 103—2.
- Earhart, Harold W., B. W. Thomas, and M. T. Waddell, to Esso Research and Engineering Co. Controlled hypochlorite sweetening process. 2,773,009, 12-4-56, Cl. 196—29.
- Earl, Charles W. : See—  
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- Earl, Richard L. : See—  
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- Earl, Harley J., to General Motors Corp. Headlamp and door assembly. 2,771,542, 11-20-56, Cl. 240—8.1.
- Earl, Ralph W., Jr. Return bend heat exchanger and process for manufacture. 2,746,727, 5-22-56, Cl. 257—255.
- Earle, deceased, and C. A. Covington; D. B. Earle, executrix of said C. E. Earle. Fluid apparatus. 2,730,269, 1-10-56, Cl. 222—193.
- Earle, Dorothy B. : See—  
Earle, Clarence E., and Covington. 2,730,269.
- Earle, Edwin L., to International Telephone and Telegraph Corp. Flat-link crossbar switch. 2,773,129, 12-1-56, Cl. 179—27.54.
- Earle, Marshall D. : See—  
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- Earley, George C., to Phillips Petroleum Co. Reactivation of platinum group metals contaminated with iron containing material. 2,740,762, 4-3-56, Cl. 252—413.
- Earley, Wilbur F., to Guntert & Zimmerman, Ltd. Ditch forming machine. 2,763,941, 9-25-56, Cl. 37—90.
- Early and Daniel Co., The : See—  
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- Early, Harold C., and L. W. Orr, to Burroughs Corp. High speed printing and perforating machine. 2,737,882, 3-13-56, Cl. 101—3.
- Early, James M., to Bell Telephone Laboratories, Inc. Semiconductor signal translating devices. 2,767,358, 10-16-56, Cl. 31—239.
- Early, Paul F. : See—  
Wood, Charles W., and Early. 2,743,872.
- Early, Richard L. : See—  
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- Early, Robert L., to The Early and Daniel Co. Combined transmitter and feeder. 2,735,226, 12-25-56, Cl. 119—52.
- Early, Thomas A., Jr., and E. A. Fitter, to Sperry Rand Corp. Gyroscopic instruments. 2,734,279, 2-14-56, Cl. 33—204.
- Earp, Charles W., to International Standard Electric Corp. Radio navigation systems. 2,762,043, 9-4-56, Cl. 343—120.
- Earp, Charles W., to International Standard Electric Corp. Receivers for frequency modulation carrier systems. 2,774,817, 12-18-56, Cl. 179—15.
- Earp, James F. : See—  
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- Earp, James F., to Ex-Cello-O Corp. Container nesting mechanism. 2,730,149, 2-28-56, Cl. 53—7.
- Earp, James F., to Ex-Cello-O Corp. Machine for making flat-topped paper bottles. 2,770,175, 11-13-56, Cl. 93—44.1.
- Earp, James F., and C. M. Clemens, to Ex-Cello-O Corp. Machine for charging and closing paper containers. 2,750,721, 6-19-56, Cl. 53—67.
- Earsley, Melvin L. Ball valve for flush tanks. 2,754,522, 7-17-56, Cl. 4—57.
- Earth Equipment Corp. : See—  
Everett, Woodrow W. 2,737,733.
- Eash, John T. : See—  
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- Easler, John A., and H. E. Thwayze, to The Dow Chemical Co. Etching. 2,763,536, 9-18-56, Cl. 41—42.
- Eason, Clarence M., to Industrial Clutch Corp. Air-operated clutch-brake mechanism. 2,747,714, 5-29-56, Cl. 192—144.
- Eason, Clarence M., to Industrial Clutch Corp. Friction disc construction for clutches, brakes and the like. 2,753,032, 7-3-56, Cl. 192—113.
- Eason, Ernest O. Automatic coin controlled liquid dispensing device. 2,760,618, 8-28-56, Cl. 194—13.
- East Coast Aeronautics, Inc. : See—  
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- Pelcin, Albert L. 2,735,706.
- Eastern Power Devices Ltd. : See—  
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- Eastern Rotorcraft Corp. : See—  
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- Eastman, David P., to United Specialties Co. Displacement air cleaner. 2,767,805, 10-23-56, Cl. 183—15.
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- Eastman, du Bois, to The Texas Co. Process and apparatus for the generation of power from a solid carbonaceous fuel. 2,735,265, 2-21-56, Cl. 60—39.05.
- Eastman, du Bois, and L. P. Gaucher, to The Texas Co. Process for pulverizing solid materials. 2,735,787, 2-21-56, Cl. 11—11.
- Eastman, du Bois, and L. P. Gaucher, to The Texas Co. Method of treatment of solid carbonaceous materials. 2,761,824, 9-4-56, Cl. 202—12.
- Eastman, Du Bois, and L. P. Gaucher, to The Texas Co. Gas burner. 2,767,785, 10-23-56, Cl. 158—109.
- Eastman, Glenn H. : See—  
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- Eastman, John R., to Sterling Electric Motors, Inc. Motor end bell structure. 2,772,929, 12-4-56, Cl. 308—236.
- Eastman Kodak Co. : See—  
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- Echols, Robert E.: *See—*  
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- Eck, Floyd R., to Motor Products Corp. Torsion hinge. 2,733,476, 2-7-56, Cl. 16-180.
- Eck, John C., and E. M. Gozce, to Allied Chemical & Dye Corp. Atomizing spray for oil gas production. 2,755,134, 7-17-56, Cl. 299-115.
- Eck, Robert N., to Cutler-Hammer, Inc. Braking control system for electric motors. 2,774,027, 12-11-56, Cl. 318-379.
- Eckardt, Wolfgang M. J., to Lever Brothers Co. Process and composition for dyeing hair. 2,750,326, 6-12-56, Cl. 167-88.
- Eckardt, Wolfgang M. J., to Lever Brothers Co. Process of dyeing animal fibers and dyes and dyeing compositions therefor. 2,750,327, 6-12-56, Cl. 167-88.
- Eckardt, Wolfgang M. J., and S. R. Freisinger, to Lever Brothers Co. Thickened hair dyeing composition comprising polyhydroxyl compound and alkanolamine. 2,769,748, 11-6-56, Cl. 167-88.
- Eckart, Robert H., to Food Packers, Inc. Pickle canning machine. 2,775,268, 12-25-56, Cl. 141-78.
- Eckberg, Curtis R. Control apparatus. 2,744,178, 5-1-56, Cl. 200-138.
- Eckberg, Keith S.: *See—*  
Yeager, James H., and Eckberg. 2,769,801.
- Eckdahl, Donald E.: *See—*  
Baker, Richard H., and Eckdahl. 2,773,983.
- Eckel, Heinrich. Tightening device for ski binding. 2,753,188, 7-3-56, Cl. 280-1135.
- Eckel, John E., to Esso Research and Engineering Co. Improved sealing valve assembly. 2,743,905, 5-1-56, Cl. 205-28.
- Eckel, John E., and F. G. Boucher, to Esso Research and Engineering Co. Enlarging bore holes by pellet drilling. 2,771,269, 11-20-56, Cl. 255-1.8.
- Eckel, Joseph C., to United States Steel Corp. Low metalloidal enameling steel and method of producing same. 2,736,648, 2-28-56, Cl. 75-123.
- Eckel, Oliver C. Door construction. 2,734,234, 2-14-56, Cl. 20-16.
- Eckel, Oliver C. Door apparatus. 2,741,805, 4-17-56, Cl. 20-16.
- Eckel, Oliver C. Resilient door with offset mount. 2,774,117, 1-18-56, Cl. 20-16.
- Eckel, Oliver C., D. B. Browne, and H. M. Spelman, Jr.: said Browne and said Spelman, Jr. assors. to said Eckel. Flexible doors. 2,760,567, 8-28-56, Cl. 160-368.
- Eckelmann, Luis E., and G. E. Ferguson, to Pyrene Mfg. Co. Fire extinguishing process. 2,758,656, 8-14-56, Cl. 169-1.
- Eckel, Murry P., to Pacific Pumps, Inc. Self-correcting high pressure seal for rotating shaft. 2,761,711, 9-4-56, Cl. 286-11.14.
- Ecker, Murry P., to Pacific Pumps, Inc. High-pressure seal for rotating shaft. 2,761,712, 9-4-56, Cl. 286-11.14.
- Ecker, Murry P., and D. B. Harney, to Pacific Pumps, Inc. Seal construction. 2,735,701, 2-21-56, Cl. 286-11.14.
- Eckert, Charles F., to United States Rubber Co. Manufacture of articles from synthetic rubber latex. 2,738,342, 3-13-56, Cl. 260-85.1.
- Eckert, Charles F., to United States Rubber Co. Latex foam sponge containing an alkali salt of perfluoromonocarboxylic acid. 2,761,001, 8-28-56, Cl. 260-723.
- Eckert, Francis M., R. J. MacDonnell, and P. H. Villars, to Chance Vought Aircraft, Inc. Spring-loaded rotary type transducer. 2,769,883, 11-6-56, Cl. 201-48.
- Eckert, George E., to E. J. du Pont de Nemours & Co. Electrodeposition of tin. 2,738,692, 2-28-56, Cl. 204-54.
- Eckert, George W.: *See—*  
Dilworth, John P., Eckert, and Coppoc. 2,755,247.
- Eckert, George W., to The Texas Co. Lithium-strontium soap greases from oxidized petroleum fractions. 2,738,327, 3-13-56, Cl. 252-40.
- Eckert, Herbert L., to Allis-Chalmers Mfg. Co. Differential pinion mounting. 2,762,240, 9-11-56, Cl. 74-711.
- Eckert, Herman K., and J. G. McQuarrie, to Monsanto Chemical Co. Water treatment. 2,757,797, 8-7-56, Cl. 210-53.
- Eckert, James E., to Radio Corp. of America. Stable ultra-high frequency oscillation generator. 2,740,889, 4-3-56, Cl. 250-36.
- Eckert, John P., Jr., and J. R. Weiner, to Sperry Rand Corp. Gating system. 2,748,270, 5-29-56, Cl. 250-27.
- Eckert, Joseph F., and A. L. Szymanski. Measuring instrument. 2,770,884, 11-20-56, Cl. 33-150.
- Eckert, Wilhelm, and R. Kühne, to Farbwerke Hoechst Aktien-gesellschaft, vormals Meister Lucius & Brünig. Water-soluble sulfochloro-acetic ester salts of leuco vat dyestuffs and process of preparing the same. 2,765,309, 10-2-56, Cl. 260-272.
- Eckey, Eddy W., to The Procter and Gamble Co. Detergent compositions. 2,739,942, 3-27-56, Cl. 252-132.
- Eckhoff, Orville E., to Leeds and Northrup Co. Electrolytic determination of the concentration of a constituent in a fluid. 2,758,079, 8-7-56, Cl. 204-195.
- Eckhardt, George R.: *See—*  
Camp, William M., and Eckhardt. 2,756,558.
- Eckhardt, Owen S., and I. E. Knapp, to Leach Brothers, Inc. Ether of homo-olitic acid, method of preparing same and compositions containing it. 2,761,790, 9-4-56, Cl. 106-218.
- Eckhoff, Orville E. Pie marker. 2,731,926, 1-24-56, Cl. 107-49.
- Eckhoff, Orville E. Steam cookers. 2,766,366, 10-9-56, Cl. 219-38.
- Eckley, Dorothy L. Combined dispensing carton and attached collapsible measuring cup. 2,770,403, 11-13-56, Cl. 222-424.5.
- Eckley, William A., to Goodman Mfg. Co. Gyrotory device. 2,747,418, 5-29-56, Cl. 74-87.
- Eckman, Irving.: *See—*  
Huxley, Thomas C., III, and Eckman. 2,762,366.
- Eckmann, Leonard G., and E. J. Zaruba, to Automatic Electric Laboratories, Inc. Private automatic exchange line adapter for mobile radio system. 2,731,554, 1-17-56, Cl. 200-138.
- Eckolls, Paul A.: *See—*  
Toney, Waddie M., and Eckolls. 2,733,970.
- Eckroad, Maurice J. Vertically adjustable trailer suspension. 2,740,639, 4-3-56, Cl. 280-43.
- Eckroad, Maurice J. Vertically adjustable trailer. 2,754,129, 10-9-56, Cl. 280-44.
- Eckrote, Kenneth R., and W. W. Tolley, to United States Gypsum Co. Staped gypsum plasterboard lath bundle. 2,750,031, 6-12-56, Cl. 206-60.
- Eckstein, George R., to Remington Arms Co., Inc. Feeding mechanism for rotary press. 2,759,581, 8-21-56, Cl. 19-13.
- Eckstein, George R., and F. H. Burdett, to the United States of America as represented by the Secretary of the Army. Shearing machine. 2,740,472, 4-3-56, Cl. 164-40.
- Eckstein, Harry J. Can openers. 2,755,958, 7-24-56, Cl. 220-52.
- Eckstrom, Albert W., to Blaw-Knox Co. Multiple effect evaporator. 2,769,489, 11-6-56, Cl. 159-24.
- Eckstrom, Albert W., and G. Hill, to Blaw-Knox Co. Continuous density control of a liquid. 2,745,484, 5-15-56, Cl. 159-44.
- Eckstrom, Albert W., and J. G. Moore, to Blaw-Knox Co. Liquid distributing bell for vertical tubes. 2,753,932, 7-10-56, Cl. 159-13.
- Eckweiler, Howard J., Jr., to Kollsman Instrument Corp. Optical artificial horizon. 2,758,500, 8-14-56, Cl. 88-2.3.
- Eclipse Fuel Engineering Co.: *See—*  
Stadler, Albert. 2,761,974.
- Economic Products Co.: *See—*  
Skerritt, Roy P. 2,765,587.
- Ecusta Paper Corp.: *See—*  
Schur, Milton O., and Levy. 2,732,720.
- Schur, Milton O., and Levy. 2,738,791.
- Schur, Milton O., and Levy. 2,754,254.
- Edds, Richard V., to Turco Products, Inc. Apparatus and process for removing material from a work piece. 2,762,150, 9-11-56, Cl. 41-9.
- Eddy, E. B., Co.: *See—*  
Smith, Roland W. 2,774,329.
- Eddy, Glen M., to Roll-O-Matic Chain Co. Tire chain for tractors and heavy vehicles. 2,770,281, 11-13-56, Cl. 152-241.
- Eddy, William R., to Phillips Petroleum Co. Relief valve. 2,754,841, 7-17-56, Cl. 137-469.
- Edelberg, Norman L., and J. P. Fiore, to The Rauland Corp. Screening apparatus. 2,729,162, 1-3-56, Cl. 101-126.
- Edelman, Aaron P., and M. Weinberg, to Hughes Aircraft Co. Electrical hinge connector for circuit boards. 2,740,097, 3-27-56, Cl. 339-17.
- Edelman, Abraham, and R. M. Frank, to Photobell Co. Level indicator for supervising the level of agglomerate materials. 2,774,959, 12-18-56, Cl. 340-244.
- Edelman, Irving. Removable tray support for rotisserie. 2,742,559, 4-17-56, Cl. 219-35.
- Edelman, Irving. Mounting housing for rotisserie control mechanism. 2,754,401, 7-10-56, Cl. 219-35.
- Edelman, Philip E., to Bendix Aviation Corp. Regulated power supply. 2,730,668, 1-10-56, Cl. 321-18.
- Edelman, Philip E. Automatic irrigator. 2,754,150, 7-10-56, Cl. 299-25.
- Edelman, Philip E. Pressure switch actuator. 2,759,061, 8-14-56, Cl. 290-82.
- Edelson, Harold, to Western Electric Co., Inc. Punch and die. 2,768,687, 10-30-56, Cl. 164-59.
- Edelstein, Albert L. Aerosol apparatus for decorative coating and process for making said apparatus. 2,764,454, 9-25-56, Cl. 299-95.
- Edelstein, Harold, to the United States of America as represented by the Secretary of the Army. Barium titanate temperature control. 2,731,564, 1-17-56, Cl. 250-36.
- Eden, Carsten.: *See—*  
Geffcken, Walter, and Eden. 2,749,379.
- Eden, Frank S. Clamp for books and like articles. 2,750,241, 6-12-56, Cl. 311-1.



- Eden, William P. Combined hose carrier and storage tie. 2,733,024, 1-31-56, Cl. 242-86.
- Edens, Jan W., and J. Stolk, to Hartford National Bank and Trust Co. Mixing circuit for superheterodyne receivers. 2,737,580, 3-6-56, Cl. 250-20.
- Edens, John: *See—*
- Hansell, Fred E., and Edens. 2,758,904.
- Eders, John, to General Tool Co. Tool holders. 2,731,273, 1-17-56, Cl. 279-81.
- Edens, Ralph A., to Falcon Tool Co. Means for form cutting structure at the peripheries of round holes in curved elements. 2,773,402, 12-11-56, Cl. 77-58.
- Eder, George J. Pliers with pivotally attached cam actuated supplementary jaws. 2,747,446, 5-29-56, Cl. 81-47.
- Eder, Harold R. Power lawn edger having rotary blade. 2,737,768, 3-13-56, Cl. 56-25.4.
- Eder, Kurt: *See—*
- Keller, Rudolf, and Eder. 2,748,156.
- Eder, Virgil K., to General Motors Corp. Drill. 2,750,817, 6-19-56, Cl. 77-68.
- Edera, Eugene: *See—*
- Stokvis, Samuel R. J., and Edera. 2,744,758.
- Edera, Eugene, and S. R. J. Stokvis. Automatic boring mill. 2,733,024, 1-31-56, Cl. 242-86.
- Ederer, Lothar A., to The Linen Thread Co., Inc. Slip stitch device. 2,760,402, 8-28-56, Cl. 87-53.
- Edgar, Albert C., to Wilson & Co., Inc. Coating for food containers. 2,733,152, 1-31-56, Cl. 99-187.
- Edgar, Albert C., and H. T. Spannuth, to Wilson & Co., Inc. Method of heating containers for food. 2,735,354, 2-21-56, Cl. 99-187.
- Edgar, David, to United Shoe Machinery Corp. Collapsible leather workpiece supports. 2,738,664, 3-20-56, Cl. 69-19.
- Edgar, Donald J.: *See—*
- Edgar, Donald, La Verne R., and Edgar. 2,775,091.
- Edgar, Robert R., to Kimberly-Clark Corp. Loggers combine. 2,741,373, 4-10-56, Cl. 212-145.
- Edge, Stanley H., to Clayton Dewandre Co. Ltd. Motor vehicle heating system. 2,749,048, 6-5-56, Cl. 237-8.
- Edge, Stanley H., F. H. Heacock, and D. L. G. Young, to Clayton Dewandre Co. Ltd. Control means for power assisted steering mechanism. 2,730,075, 1-10-56, Cl. 121-41.
- Edge, Stanley H., F. H. Heacock, and D. L. G. Young, to Clayton Dewandre Co. Ltd. Control valve actuating means for power assisted steering mechanism. 2,737,021, 3-6-56, Cl. 60-54.5.
- Edge, Stanley H., and D. A. Sams, to Clayton Dewandre Co. Ltd. Lubricating devices. 2,739,671, 3-27-56, Cl. 184-29.
- Edgecombe, David A., to The Babcock & Wilcox Co. Die changing arrangement for metal working apparatus. 2,731,123, 1-17-56, Cl. 192-38.
- Edgecombe, David A., to The Babcock & Wilcox Co. Glass mat cutter for steel extrusion. 2,738,062, 3-13-56, Cl. 207-1.
- Edgecombe, David A., S. O. Evans, and A. T. Laposki, to The Babcock & Wilcox Co. Automatic apparatus for feeding stock to point wagger or the like. 2,749,782, 6-12-56, Cl. 73-99.
- Edgell, Ernest E.: *See—*
- Irwin, Charles W., and Edgell. 2,763,518.
- Edgerly, Charles R.: *See—*
- Edgerly, William A., Daubert, and Edgerly. 2,760,318.
- Edgerton, Arthur H. Enamel firing stand. 2,735,921, 2-21-56, Cl. 219-19.
- Edgerton, Arthur H. Enameling stand. 2,743,499, 5-1-56, Cl. 25-153.
- Edgerton, Ira L. Asphalt pavement construction. 2,746,733, 5-22-56, Cl. 259-147.
- Edgerton, Richard O., and C. J. Staud, to Eastman Kodak Co. Photographic element protected against action of ultraviolet radiation. 2,747,996, 5-29-56, Cl. 95-2.
- Edgerton, William H., and R. L. Hull, to Parke, Davis & Co. Amino salts of penicillin G. 2,735,848, 2-21-56, Cl. 260-239.1.
- Edgett, Henry L. Portable motor driven hedge trimmer. 2,740,198, 4-3-56, Cl. 30-276.
- Edgett, Ronald S., and A. O. Olson, to the United States of America as represented by the United States Atomic Energy Commission. Denitration apparatus. 2,759,853, 7-24-56, Cl. 159-25.
- Edgin, James O. Boat shade. 2,769,451, 11-6-56, Cl. 135-6.
- Edgington, Otto S., to The Sinters Corp. Apparatus for treating seeds. 2,766,021, 10-9-56, Cl. 259-13.
- Edinger, J. C., to University of Wichita Foundation for Industrial Research. Electronic moisture meter. 2,774,938, 12-18-56, Cl. 324-61.
- Edison, Thomas A., Inc.: *See—*
- Dietz, Edward A. 2,753,026.
- Fritzinger, George H. 2,755,337.
- Jacobs, Charles T. 2,748,846.
- Kelly, Frederick G. 2,740,941.
- Kelly, Frederick G., and Postal. 2,740,874.
- Logan, William W. 2,755,339.
- Logan, William W. 2,756,275.
- Postal, Robert H. 2,764,659.
- Somers, Richard M. 2,770,680.
- Somers, Richard M., and Safford. 2,755,341.
- Somers, Richard M., and Safford. 2,757,238.
- Thorp, Arthur G., II. 2,765,210.
- Edison, Joe J. Telescopically expandable and contractible dolly. 2,733,929, 2-7-56, Cl. 280-35.
- Edlen, George G., and H. M. Diambra, to Entron, Inc. Solderless coaxial connector. 2,761,110, 8-28-56, Cl. 339-89.
- Edlo, Inc.: *See—*
- Fahrenbach, Wolfgang B., and Stone. 2,766,567.
- Edman, Carl A., to General Electric Co. Automatic electric coffee percolator. 2,754,399, 7-10-56, Cl. 219-20.
- Edmiston, Arthur G. All purpose saw blade. 2,770,267, 11-13-56, Cl. 143-133.
- Edmond, Joseph A. 40% to J. Dinneen. Can opener and guide. 2,733,026, 1-31-56, Cl. 220-32.
- Edmonds, Allen F. Broom bridle. 2,728,931, 1-3-56 Cl. 15-170.
- Edmonds, George C. Air circulator. 2,747,791, 5-29-56, Cl. 230-259.
- Edmond, Harry G., Sr., to National Weather-Top Corp. Combination convertible top and expandable vehicle body. 2,769,658, 11-6-56, Cl. 296-100.
- Edmonds, James T., Jr.: *See—*
- Hillyer, John C., and Edmonds. 2,731,475.
- Edmond, James T., Jr., to Phillips Petroleum Co. Polymer-boric anhydride reaction products. 2,731,454, 1-17-56, Cl. 260-94.7.
- Edmonds, Lee O.: *See—*
- Himeel, Chester M., and Edmonds. 2,775,559.
- Edmonds, Theodore, to Sylvania Electric Products Inc. Animated display device. 2,773,216, 12-4-56, Cl. 315-169.
- Edmonson, Jack W. E. Detecting and recording system for seismic waves. 2,771,592, 11-20-56, Cl. 340-17.
- Edmont Mfg. Co.: *See—*
- Kendig, Karl L. 2,757,791.
- Edmond, Glenn E., to The Jeffrey Mfg. Co. Trimming locomotive. 2,747,517, 5-29-56, Cl. 105-50.
- Edmonds, William H., to I-T-E Circuit Breaker Co. Panel board bus arrangement and circuit breaker mounting base. 2,766,405, 10-9-56, Cl. 317-119.
- Edmonds, William H., to I-T-E Circuit Breaker Co. Quick break circuit breaker. 2,760,049, 10-30-56, Cl. 200-67.
- Edmonds, William H., to I-T-E Circuit Breaker Co. Circuit breaker tie bar. 2,773,949, 12-11-56, Cl. 200-18.
- Edmundson, William C.: *See—*
- Antonidis, John E., Edmundson, Smith, and House. 2,774,894.
- Yahn, Victor W., Antonidis, Edmundson, and Dudderar. 2,753,477.
- Edmundson, William C., to General Motors Corp. Dynamo electric machine. 2,760,094, 8-21-56, Cl. 310-239.
- Edo Corp.: *See—*
- Grumet, Alex., and Callahan. 2,768,348.
- Edsall, William S., to The Chase-Shawmut Co. Enclosed switch and fuse units. 2,766,351, 10-9-56, Cl. 200-114.
- Edsall, William S., to The Chase-Shawmut Co. Arrangements for the protection of cables against short-circuit currents and against overloading. 2,770,757, 11-13-56, Cl. 317-40.
- Edson, Murray H.: *See—*
- Cottle, Delmer L., Young, and Edson. 2,764,523.
- Edson, Murray H., to Esso Research and Engineering Co. An asphalt, a process of making it and an enamel made therewith. 2,767,102, 10-16-56, Cl. 106-281.
- Edson, Murray H., and T. S. Tutwiler, to Esso Research and Engineering Co. Blended asphaltic compositions. 2,769,790, 11-6-56, Cl. 260-28.5.
- Edström, John O. Method of producing metal powder. 2,757,078, 7-31-56, Cl. 75-0.5.
- Edström, Sven E., and B. Gsner, to Sandvikens Jernverks AB. Insert for rock drills. 2,761,195, 6-19-56, Cl. 255-63.
- Edvar, Torsten F. A., to Selas Corp. of America. Web dryer. 2,742,274, 4-17-56, Cl. 263-3.
- Edvardsson, Svante R.: *See—*
- Björklund, Gustaf E., and Edvardsson. 2,770,037.
- Edward Valves, Inc.: *See—*
- Carr, Laurence H. 2,752,669.
- Edwardes, John. Calk assembly. 2,758,396, 8-14-56, Cl. 36-59.
- Edwards, Andrew W.: *See—*
- Wallace, James M., and Edwards. 2,739,202.
- Wallace, James M., and Edwards. 2,737,321.
- Wallace, James M., and Edwards. 2,763,815.
- Wallace, James M., and Edwards. 2,769,056.
- Wallace, James M., and Edwards. 2,769,058.
- Edwards, Andrew W., to Westinghouse Electric Corp. Automatic reclosing circuit breakers. 2,752,534, 6-26-56, Cl. 317-22.
- Edwards, Andrew W., to Westinghouse Electric Corp. Automatic reclosing circuit breakers. 2,769,054, 10-30-56, Cl. 200-89.
- Edwards, Andrew W., and W. J. Paxton, to Westinghouse Electric Corp. Circuit interrupters. 2,734,964, 2-14-56, Cl. 200-114.
- Edwards, Andrew W., and K. L. Niebauer, to Westinghouse Electric Corp. Circuit interrupters. 2,739,207, 3-20-56, Cl. 200-150.
- Edwards, Andrew W., and A. W. Ogg, to Westinghouse Electric Corp. Circuit interrupter for load pickup. 2,739,270, 3-20-56, Cl. 317-37.
- Edwards, Andrew W., and A. W. Ogg, to Westinghouse Electric Corp. Circuit interrupter operating mechanism. 2,748,221, 5-29-56, Cl. 200-89.
- Edwards, Baden J., to Pye Ltd. Television transmitting apparatus. 2,756,364, 7-24-56, Cl. 315-10.
- Edwards Brothers (Tippers) Ltd.: *See—*
- Cosgrove, James. 2,747,550.
- Edwards, Bryant, to Illinois Tool Works. Two-piece expandable elastic fastening device of the rivet type. 2,759,390, 8-21-56, Cl. 85-40.

- Edwards, Charles D.: *See*—  
 Bruce, William F., Edwards, and Apat. 2,745,785.  
 Edwards, Charles M., to the United States of America as represented by the Secretary of the Navy. Data transmission apparatus. 2,769,086, 10-30-56, Cl. 250—27.  
 Edwards Co., Inc.: *See*—  
 Verkuil, Leo L. 2,761,936.  
 Verkuil, Leo L. 2,773,153.  
 Edwards, Clyde L. Sod trimmer. 2,737,104, 3-6-56, Cl. 97—227.  
 Edwards, Cyril J., Jr. Wheel-and-chain drive. 2,739,486, 3-27-56, Cl. 74—250.  
 Edwards, Donald V., and W. P. Kruger, to Electrons, Inc. Insulated shielding structure for gaseous discharge tube. 2,770,725, 11-13-56, Cl. 313—206.  
 Edwards, Elizabeth G. Scrub bucket attachment. 2,757,405, 8-7-56, Cl. 15—264.  
 Edwards Engineering Corp.: *See*—  
 Edwards, Joseph N., 2,765,731.  
 Edwards, Edward S. Package loader for trucks. 2,730,249, 1-10-56, Cl. 214—75.  
 Edwards, Frederick H., to Pierwood Plastics Ltd. Injection (plastic) moulding machines. 2,759,221, 8-21-56, Cl. 18—30.  
 Edwards, Fredrick B.: *See*—  
 Gray, Warren B., and Edwards. 2,730,990.  
 Edwards, George S.: *See*—  
 Bonewitz, Paul W., Fults, Edwards, and Hockett. 2,767,146.  
 Edwards High Vacuum Ltd.: *See*—  
 Power, Basil D. 2,734,679.  
 Edwards, Irving W. Rail bond. 2,741,752, 4-10-56, Cl. 339—276.  
 Edwards, Jack E., to M. L. Mayfield. Well packer. 2,772,740, 12-4-56, Cl. 166—129.  
 Edwards, John W., to Monsanto Chemical Co. Preparation of polyphosphates. 2,745,717, 5-15-56, Cl. 23—106.  
 Edwards, John E. Multiple window sash unit or assembly. 2,730,775, 1-17-56, Cl. 20—52.1.  
 Edwards, John M., to Westinghouse Electric Corp. Electrical heating apparatus. 2,757,268, 7-31-56, Cl. 219—10.75.  
 Edwards, John R., and E. J. Gottlieb, to Westinghouse Electric Corp. Deflected spray quench. 2,743,099, 4-21-56, Cl. 266—4.  
 Edwards, John S. Catapult. 2,755,788, 7-24-56, Cl. 124—21.  
 Edwards, Joseph A., Jr.: *See*—  
 Hedlund, Oscar, and Edwards. 2,729,578.  
 Edwards, Joseph N., to Edwards Engineering Corp. Hydraulic ram caps for crushing and pressing rolls. 2,765,731, 10-9-56, Cl. 100—99.  
 Edwards, Joseph W.: *See*—  
 Folger, Paul. 2,744,597.  
 Edwards, Lawrence K. Convertible table unit. 2,743,145, 4-24-56, Cl. 311—3.  
 Edwards, Lewis W.: *See*—  
 West, Russell A., and Edwards. 2,773,612.  
 Edwards, Lewis W., to Lukens Steel Co. Roof bolt. 2,748,594, 6-5-56, Cl. 72—105.  
 Edwards, Lewis W., and R. A. West, to Lukens Steel Co. Apparatus for loading and unloading heavy equipment. 2,773,614, 12-11-56, Cl. 214—390.  
 Edwards, Lloyd: *See*—  
 Clarke, Charles B., and Edwards. 2,754,574.  
 Edwards Mfg. Co.: *See*—  
 Hayslip, Homer C. 2,737,321.  
 Edwards, Miles L. Scavenge line centrifuge. 2,747,514, 5-29-56, Cl. 103—113.  
 Edwards, Miles L. Condition responsive pneumatic control system. 2,766,730, 10-16-56, Cl. 121—39.  
 Edwards, Morgan L., Jr. Sealing devices. 2,738,559, 3-20-56, Cl. 20—69.  
 Edwards, Omer H. Roof ladder. 2,755,981, 7-24-56, Cl. 228—51.  
 Edwards, Ralph J. Automatic discharge control for truck bodies. 2,743,026, 4-24-56, Cl. 214—83.2.  
 Edwards, Ralph J., 50% to O. K. Thigpen. Body tool. 2,771,933, 11-27-56, Cl. 153—32.  
 Edwards, Reginald G. A., to Armstrong Siddeley Motors Ltd. Construction of compressor rotors. 2,738,126, 3-13-56, Cl. 230—134.  
 Edwards, Theodore B. Remote control fire-fighting turret and nozzle. 2,729,295, 1-3-56, Cl. 169—25.  
 Edwards, Thomas: *See*—  
 Brown, Robert, and Edwards. 2,746,240.  
 Edwards, Thomas H., to the United States of America as represented by the United States Atomic Energy Commission. Magnetic control device for pumps. 2,734,678, 2-14-56, Cl. 230—83.  
 Edwards, Thomas W.: *See*—  
 Crosby, Glen R., and Edwards. 2,758,941.  
 Edwards, Walter R.: *See*—  
 Hieserman, Clarence E., and Edwards. 2,764,607.  
 Edwards, Wayne W. Television antenna. 2,747,183, 5-22-56, Cl. 343—893.  
 Edwards, William B. Game board with movable pieces. 2,733,069, 1-1-56, Cl. 273—131.  
 Edwards, William B. Fish holding hook assembly. 2,740,223, 4-3-56, Cl. 43—37.  
 Edwards, William V., Jr.: *See*—  
 Edwards, William V., Sr., and W. V. Edwards, Jr. 2,741,257.  
 Edwards, William V., Sr., and W. V. Edwards, Jr. Gas valve. 2,741,257, 4-10-56, Cl. 137—113.  
 Edwin, Björn: *See*—  
 Hildebrand, Gösta E. H., and Edwin. 2,747,992.  
 Edgen, Anton, to Globe Tool and Gauge Works. Machine for stapling plastic beads to cloth. 2,747,185, 5-29-56, Cl. 1—3.  
 Efinger, William L., Jr. Rocket power unit. 2,771,212, 11-20-56, Cl. 102—34.  
 Eford, John T., and C. P. Mottram, to Bridgeport Brass Co. Fluid dispensing device. 2,741,405, 4-10-56, Cl. 222—394.  
 Eford, John T., and C. P. Mottram, to Bridgeport Brass Co. Container with closure and dispensing valve. 2,746,647, 5-22-56, Cl. 222—130.  
 Eframson, Arvo H. Fishing arrowhead. 2,770,905, 11-20-56, Cl. 43—39.  
 Egan, Andrew W., Jr. Hair waving implement. 2,761,460, 9-4-56, Cl. 132—142.  
 Egan, Stephen L., J. A. Bivings, and F. W. Willson, 50% to said Egan, 25% to said Bivings, and 25% to said Willson. Apparatus for separating fluids having different specific gravities. 2,762,437, 9-15-56, Cl. 16—54.  
 Egan, Warren R. Electrical outlet box. 2,757,817, 8-7-56, Cl. 220—3.5.  
 Egbert, Robert B., to Chempatents, Inc. Chemical process. 2,764,598, 9-25-56, Cl. 260—348.5.  
 Egbert, William R., to General Motors Corp. Flow deflector for combustion chamber apparatus. 2,765,620, 10-9-56, Cl. 60—39.37.  
 Egbom, Clarence W.: *See*—  
 Schoeld, Edmund A., and Egbom. 2,734,002.  
 Egelsen, Thoralf L., to Bendix Aviation Corp. Optical testing device. 2,739,504, 2-7-56, Cl. 83—14.  
 Eger, Ernst, to United States Rubber Co. Pneumatic track. 2,746,812, 5-22-56, Cl. 305—10.  
 Egerer, William E., to Holley Carburetor Co. Two-stage carburetor. 2,752,133, 6-26-56, Cl. 261—23.  
 Egerer, William E., to Holley Carburetor Co. Accelerating pump. 2,768,818, 10-30-56, Cl. 261—23.  
 Egerstrom, Bengt G. W.: *See*—  
 Bergvall, Knut L., Dahlberg, Egerstrom, and Nilsson. 2,758,618.  
 Egeth, George J. Device for removing plastic buttons. 2,741,411, 4-10-56, Cl. 30—135.  
 Egevi, Valter E., to Aktiebolaget Superior. Cutting tool scale and tool adjuster. 2,738,590, 3-20-56, Cl. 33—185.  
 Egge, Edwin G., and D. G. Slovlin, to United States Rubber Co. Ribbon rubber thread splitter. 2,761,193, 9-4-56, Cl. 28—1.  
 Egenberger, Markus A., and P. G. Ipsen, to General Electric Co. Quick-starting governing system for reheat turbine. 2,747,373, 5-29-56, Cl. 60—73.  
 Eggert, Herbert A. Applicator. 2,762,071, 9-11-56, Cl. 15—131.05.  
 Egeken, Eray V. Attachment for supporting a magazine and an ash tray conveniently in front of person seated in front of a hair dryer. 2,747,322, 5-29-56, Cl. 45—82.  
 Eggink, Heinz, H. Elling, F. Ettinger, K. Ostertag, and K.-J. Schulze, to American Enka Corp. Apparatus for treating textile filaments. 2,758,464, 8-14-56, Cl. 68—175.  
 Egginton, Lester A., to Esso Research and Engineering Co. Fire foam applicator. 2,772,743, 12-4-56, Cl. 169—4.  
 Eggum, Murnat O. Auxiliary frame for truck boxes. 2,729,499, 1-3-56, Cl. 296—26.  
 Egler, Margery M., to Phillips Coating Corp. Paper coated with film of polyethylene, of polypropylene, and hydrogenated fatty oil. 2,737,540, 3-6-56, Cl. 260—752.  
 Egli, Ernst: *See*—  
 Kesseling, Fritz, and Egli. 2,774,933.  
 Egli, Henry O. Micrometer height gauge. 2,766,531, 10-16-56, Cl. 33—170.  
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 Howley, William, and Eglin. 2,764,128.  
 Egly, William D., and C. W. Harris, to said Harris assor. to said Egly. Traveling lawn sprinkler. 2,770,495, 11-13-56, Cl. 299—50.  
 Eguchi, Tamotsu: *See*—  
 Okada, Shinzo, and Eguchi. 2,770,588.  
 Ehemann, John W., to Dialrite Associates. Dial operated typewriter. 2,739,688, 3-27-56, Cl. 197—47.  
 Ehinger, Edward J. Cutting tool for wire and the like. 2,740,196, 4-3-56, Cl. 30—186.  
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 Stanton, George W., and Ehlers. 2,735,833.  
 Stanton, George W., and Ehlers. 2,735,834.  
 Stanton, George W., and Ehlers. 2,740,766.  
 Stanton, George W., and Ehlers. 2,745,821.  
 Stanton, George W., and Ehlers. 2,760,950.  
 Ehler, Fred J. Prime movers. 2,736,264, 2-28-56, Cl. 103—87.  
 Ehlers, Otto W. Dual purpose gas turbine engine. 2,735,499, 2-21-56, Cl. 170—135.71.  
 Ehlers, Otto W., to Unifluid, Inc. Apparatus for producing a gaseous unit load. 2,769,558, 11-6-56, Cl. 214—6.  
 Ehlike, Edward C., to A P Controls Corp. Temperature compensated by-pass valve. 2,733,865, 2-7-56, Cl. 236—92.  
 Ehlike, Edward C., to Controls Co. of America. High capacity thermostatic expansion valve. 2,771,248, 11-20-56, Cl. 236—92.  
 Ehrh, Wilhelm, to Farbenfabriken Bayer Aktiengesellschaft. Amine-sulfur dioxide-addition products of acetoacetanilides. 2,744,933, 5-8-56, Cl. 260—562.  
 Ehm, Wilhelm, and R. Schnegg, to Farbenfabriken Bayer Aktiengesellschaft. Sulfonated methylbenzene-halogenated hydrocarbon condensation products as cation exchange resins. 2,746,938, 5-22-56, Cl. 260—2.2.



- Ehmann, Leslie G., to Hyster Co. Hydraulic load arm. 2,768,018, 10-23-56, Cl. 294-63.
- Ehmann, Neville H. Dispensing envelope. 2,749,022, 6-5-56, Cl. 229-85.
- Ehnts, Fred, to Keystone Lubricating Co. Grease relief fitting. 2,770,507, 11-13-56, Cl. 308-187.
- Ehorn, William F., to General Electric Co. Speed limiting control for gas turbines. 2,754,657, 7-17-56, Cl. 60-39.14.
- Ehrenfried, Albert O., to the United States of America, represented by the Secretary of the Navy. Sector PPI expansion. 2,754,608, 7-10-56, Cl. 343-11.
- Ehrenreich, A. & Cie.: See—
- Latzen, Josef. 2,733,085.
- Latzen, Josef. 2,740,649.
- Latzen, Josef. 2,749,161.
- Latzen, Josef. 2,754,141.
- Latzen, Josef. 2,757,015.
- Latzen, Josef. 2,757,028.
- Latzen, Josef. 2,757,029.
- Latzen, Josef. 2,771,300.
- Latzen, Josef H. 2,733,086.
- Latzen, Josef H. 2,733,087.
- Vogt, Jakob. 2,752,180.
- Ehrensperger, Hans. Lignin-tanned leather and process for making same. 2,729,534, 3-5-56, Cl. 8-34.31.
- Ehrlich, Joseph E. & E. A. Heckman, to Western Electric Co., Inc. Tubulating machine chuck. 2,731,772, 1-24-56, Cl. 49-64.
- Ehret, Robert J., to Minneapolis-Honeywell Regulator Co. Measuring and control apparatus. 2,743,402, 4-24-56, Cl. 318-29.
- Ehret, Robert J., to Minneapolis-Honeywell Regulator Co. Control apparatus. 2,752,498, 6-26-56, Cl. 250-36.
- Ehret, Robert J., to Minneapolis-Honeywell Regulator Co. Electrical vibratory relay apparatus. 2,765,415, 10-2-56, Cl. 307-97.
- Ehret, Robert J., to Minneapolis-Honeywell Regulator Co. Electrical motor control apparatus. 2,774,021, 12-11-56, Cl. 318-207.
- Ehret, Robert J., and R. F. Wernlund, to Minneapolis-Honeywell Regulator Co. Control apparatus. 2,774,879, 12-18-56, Cl. 250-36.
- Ehrh, Yale W.: See—
- Hagerty, Andrew T., and Ehret. 2,754,991.
- Ehrhard, James T. Plate sensing means in address printing machines. 2,770,186, 11-13-56, Cl. 101-87.
- Ehrhardt, Earl V.: See—
- Greene, Walker. 2,747,282.
- Ehrhardt, Herman M.: See—
- Gerwig, Harvey F., Ehrhardt, Franklin, and Hosterman. 2,755,777.
- Ehrhardt, Robert A., to Bell Telephone Laboratories, Inc. Electrophotoping with antimony. 2,753,299, 7-3-56, Cl. 204-49.
- Ehrhart, Gustav, and W. Bestian, to Farberwerke Hoechst Aktiengesellschaft vormals Meister Lucius and Bruning, Basic ketones and a process of preparing them. 2,731,462, 1-17-56, Cl. 260-247.1.
- Ehrhart, Gustav, and H. Ott, to Farberwerke Hoechst Aktiengesellschaft vormals Meister Lucius and Bruning, Process for the manufacture of hydroxyphenylserines. 2,737,526, 3-6-56, Cl. 260-519.
- Ehrhart, Gustav, and W. Aumuller, to Farberwerke Hoechst Aktiengesellschaft vormals Meister Lucius and Bruning, N-isocitoinolyl hydrazones and a process of preparing them. 2,745,839, 5-15-56, Cl. 260-295.
- Ehrhart, Gustav, H. Ruschig, and W. Haede, to Farberwerke Hoechst Aktiengesellschaft vormals Meister Lucius and Bruning. 4,416-pregadiene-21-cl-3,20-diones and process. 2,745,852, 5-15-56, Cl. 260-397.47.
- Ehrhart, Gustav, H. Nahn, and W. Siedel, to Farberwerke Hoechst Aktiengesellschaft vormals Meister Lucius and Bruning. Preparation of N-acylamino-phenylpropanediols. 2,745,875, 5-15-56, Cl. 260-558.
- Ehrhart, Gustav, H. Ruschig, J. Schmidt-Thomé, W. Haede, and W. Fritsch, to Farberwerke Hoechst Aktiengesellschaft vormals Meister Lucius and Bruning. Process of preparing 16-oxido-pregnene compounds. 2,752,340, 6-26-56, Cl. 260-239.55.
- Ehrhart, Gustav, and H. Leditschke, to Farberwerke Hoechst Aktiengesellschaft vormals Meister Lucius and Bruning. Indolyl compounds and a process of preparing them. 2,752,358, 6-26-56, Cl. 260-309.6.
- Ehrhart, Gustav, J. Schmidt-Thomé, H. Ruschig, W. Fritsch, and W. Haede, to Farberwerke Hoechst Aktiengesellschaft vormals Meister Lucius and Bruning. Enol acetates from 20-ketosteroids. 2,758,121, 8-7-56, Cl. 260-397.5.
- Ehrhart, Gustav, K. Schmitt, and H. Ott, to Farberwerke Hoechst Aktiengesellschaft vormals Meister Lucius and Bruning. Process of preparing 2-phenyl-2-pyridyl-(4')-4-diloweralkyl amino butyric lower alkyl esters. 2,774,767, 12-18-56, Cl. 260-295.
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- Ehrich, William G., to Philco Corp. Color television receiving system. 2,752,420, 6-26-56, Cl. 178-5.4.
- Ehring, Heinz, and K. Raichle, to Farbenfabriken Bayer Aktiengesellschaft. Process for polymerizing monomeric aromatic vinyl compounds. 2,729,610, 1-3-56, Cl. 260-22.
- Ehring, Heinz, and K. Raichle, to Farbenfabriken Bayer Aktiengesellschaft. Copolymer of vinyl aromatic hydrocarbon, dehydrated castor oil alkyl and oil alkyl made from oils having isolated double bond. 2,734,880, 2-14-56, Cl. 260-22.
- Ehrler, Freeman O., and A. E. Fabian. Indicator actuator. 2,766,630, 10-16-56, Cl. 74-110.
- Ehrlich, Louis B. Connector means for windshield wiper blades. 2,751,620, 6-26-56, Cl. 15-250.
- Ehrlich, Louis B., and W. S. Vargo. Windshield wiper blade. 2,741,792, 4-17-56, Cl. 15-245.
- Ehrlich, Mauritius. Multiple tier table with extensible top. 2,747,955, 5-29-56, Cl. 311-30.
- Ehrlich, Walter A., and E. A. Zakowski, to The Bullard Co. Chuck. 2,773,461, 12-25-56, Cl. 279-119.
- Ehrman, Ernest. Chair having a seat and back adjustable from upright to reclining position. 2,749,971, 6-12-56, Cl. 155-116.
- Eichel, Herman J.: See—
- Clemence, Le Roy W., and Eichel. 2,746,972.
- Eichelmann, Francis J., to National Cylinder Gas Co. Two-stage valve for torch devices. 2,763,322, 9-18-56, Cl. 158-27.4.
- Eichenberger, Henry F., and N. Brewer, to Fischer & Porter Co. Rotameter and metering tube therefor. 2,751,850, 1-24-56, Cl. 73-209.
- Eichholz, Arthur H., and H. Samuelson, to Central Stamping and Mfg. Co. Rough handling indicator. 2,768,602, 10-30-56, Cl. 116-114.
- Eichholz, Geoffrey G., and J. L. Horwood, to Her Majesty the Queen in the right of Canada, as represented by the Minister of Mines and Technical Surveys. Method of making plastic scintillation phosphors. 2,733,216, 1-31-56, Cl. 252-301.2.
- Eichhorn, Hermann, to Jackson & Church Co. Furnace structure. 2,763,260, 9-18-56, Cl. 126-99.
- Eichler, Arnold C., and F. K. Sweetman. Scoop for ice cream and the like. 2,756,698, 7-31-56, Cl. 107-48.
- Eichler, Peter: See—
- Winterbottom, Robert, Eichler, and Pidacks. 2,763,682.
- Eichmann, Theophil, to International Carbonic Engineering Co. Process and apparatus for recovering carbon dioxide from exhaust gases. 2,742,102, 4-17-56, Cl. 133-2.
- Eichmeier, Russell R., to Burgess Cellulose Co. Stereotype mat. 2,739,068, 3-20-56, Cl. 106-38.5.
- Eichna, James R., to Foster Wheeler Corp. Apparatus for the recovery of oil and gaseous products from shale. 2,774,726, 12-18-56, Cl. 202-93.
- Eichorn, Robert W., to Lennox Industries, Inc. Air conditioning unit and air filter therefor. 2,771,963, 11-27-56, Cl. 183-49.
- Eichorst, Herman H. Portable head and back rest. 2,756,808, 7-31-56, Cl. 155-174.
- Eichorn, Herman H. Adjustable ottoman. 2,770,293, 11-13-56, Cl. 155-169.
- Eickhoff, Arnold J., and L. M. Kebrich, to National Lead Co. Preparation of chromic compounds. 2,749,214, 6-5-56, Cl. 23-51.
- Eickman, Willis E.: See—
- Placke, Everett H., and Eickman. 2,747,794.
- Placke, Everett H., Eickman, and Nagy. 2,774,298.
- Elde, Ingvald. Bale hook. 2,772,111, 11-27-56, Cl. 294-26.
- Eigenbrodt, Earl C.: See—
- Carlson, Oliver L., and Eigenbrodt. 2,753,572.
- Eiker, John F., 3rd.: See—
- Britton, Carlyle P., Eiker, Ellis, and Lester. 2,746,167.
- Eilenberger, Stanley D., to Minneapolis-Honeywell Regulator Co. Photographic flash circuit. 2,730,660, 1-10-56, Cl. 315-240.
- Eilenberger, Stanley D., to Minneapolis-Honeywell Regulator Co. Photoflash circuit. 2,755,416, 7-17-56, Cl. 315-192.
- Eilenberger, Stanley D., and J. G. Guenther, to Minneapolis-Honeywell Regulator Co. Battery capacitor power cartridge. 2,775,730, 12-25-56, Cl. 320-1.
- Eilers, Louis H.: See—
- Cardwell, Paul H., and Eilers. 2,735,818.
- Elmcro Corp., The: See—
- Carter, John N., and Rosenblatt. 2,751,291.
- Hackett, Theodore N., and Schwartz. 2,729,348.
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- Schwartz, Daniel M., and Hackett. 2,752,053.
- Schwartz, Daniel M., and Hackett. 2,775,138.
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- Spanjer, David L. 2,774,638.
- Elinson-Freeman Co., Inc.: See—
- Ebert, Ludwig. 2,750,050.
- Glaciux, George. 2,774,477.
- Glaciux, George W. 2,755,578.
- Leigh, Nathan J. 2,737,742.
- Eipper, Robert B. Outlet box for wiring circuits. 2,751,105, 6-19-56, Cl. 220-3.3.
- Eirich, Frederick R., to R. S. Aries and Associates, Inc. Filter for tobacco smoke. 2,739,598, 3-27-56, Cl. 131-10.
- Eis Automotive Corp., The: See—
- Schwarz, Ernest I. 2,754,164.
- Eisele, Andrew. Bore gauging instrument. 2,744,333, 5-8-56, Cl. 33-178.
- Eisele, Delbert A. Display trays. 2,771,991, 11-27-56, Cl. 206-75.
- Eisele, Frank J. Fishing reel brake. 2,755,034, 7-17-56, Cl. 242-84.5.

- Eisele, William H., to Thompson Products, Inc. Pump impeller construction. 2,736,266, 2-28-56, Cl. 103-115.
- Eisen, Carl G., to The Budd Co. Induction heating apparatus and method of heating extensive surface areas. 2,751,480, 6-19-56, Cl. 219-10.69.
- Eisen, John B., P. R. Girardot, E. G. Paquette, and S. E. Rohowetz, to Bjorksten Research Laboratories, Inc. Electrically conductive plastic article. 2,756,173, 7-24-56, Cl. 154-93.
- Eisen, Louis J., Machine for plucking hair from fur skins. 2,764,885, 10-2-56, Cl. 69-26.
- Eisenberg, Charles: *See—*
- Erickson, Lewis C. 2,743,813.
- Eisenberg, Daniel: *See—*
- Valentine, Harold G. 2,763,062.
- Eisenberg, Morris. Method of producing metal powders. 2,749,234, 6-5-56, Cl. 75-0.5.
- Eisenhauer, Ida J.: *See—*
- Stover, Ancil C. 2,732,267.
- Stover, Ancil C. 2,761,428.
- Stover, Ancil C. 2,761,693.
- Eisenhauer, Leigh E.: *See—*
- Stover, Ancil C. 2,732,267.
- Stover, Ancil C. 2,761,428.
- Stover, Ancil C. 2,761,693.
- Eisenhauer Mfg. Co., The: *See—*
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- Stover, Ancil C. 2,761,428.
- Stover, Ancil C. 2,761,693.
- Eisenhauer, William A.: *See—*
- Stover, Ancil C. 2,761,428.
- Eisenhauer, William W.: *See—*
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- Stover, Ancil C. 2,761,693.
- Eisenhut, Franz: *See—*
- Meyer, Karl, Eisenhut, and Siegl. 2,774,676.
- Eisenhut, Franz, V. Gobiet, and A. Siegl, to Gelsenkirchener Werke Aktiengesellschaft. Structural elements and process of forming the same. 2,738,287, 3-13-56, Cl. 106-284.
- Eisenman, William, and P. P. Minieri, to American Cyanamid Co. Thioaurin, its production and recovery. 2,749,273, 6-5-56, Cl. 107-65.
- Eisenwerke Gelsenkirchen Aktiengesellschaft: *See—*
- Seeha, Johann, Biefang, and Simonis. 2,752,651.
- Wittmoser, Adalbert. 2,762,096.
- Eisermann, Friedrich, and W. Siegfried, to Sulzer Freres, Societe Anonyme. Heat-resisting austenitic steel alloys. 2,772,155, 11-27-56, Cl. 75-128.
- Eisfeldt, Manfred, to Siemens & Halske Aktiengesellschaft. Electron microscopes. 2,761,991, 9-4-56, Cl. 313-84.
- Eisle, Andrew. Centering bore concentricity gauge holder. 2,766,532, 10-16-56, Cl. 33-174.
- Eisler, Henry: *See—*
- Harvey, Winston S., and Eisler. 2,762,005.
- Eisler, Jack, to International Rectifier Corp. Miniature rectifier. 2,737,618, 3-6-56, Cl. 317-234.
- Eisler, Joseph D., to Stanolind Oil and Gas Co. Seismic wave generation. 2,770,193, 11-13-56, Cl. 102-23.
- Eisler, Paul, to Hermoplast Ltd. Manufacture of electric circuit components. Re. 24,165, 6-12-56, Cl. 41-43.
- Eisler, Paul, to Technograph Printed Circuits Ltd. Metallised insulators. 2,736,877, 2-28-56, Cl. 154-127.
- Eisler, Paul, to Technograph Printed Circuits Ltd. Electric resistance heating device. 2,737,571, 3-6-56, Cl. 219-38.
- Eisler, Paul, to Technograph Printed Circuits Ltd. Method of making printed circuits. 2,747,977, 5-29-56, Cl. 41-43.
- Eisler, Paul, to Technograph Printed Circuits Ltd. Apparatus for regeneration of etching media. 2,748,071, 5-29-56, Cl. 204-208.
- Eisler, Paul, to Technograph Printed Circuits Ltd. Electric circuit components. 2,758,256, 8-7-56, Cl. 317-101.
- Eissmann, Oswald E., to American Machine & Foundry Co. Tobacco and dust separating apparatus. 2,755,930, 7-24-56, Cl. 209-139.
- Eistert, Bernd: *See—*
- Krzakalla, Hans, Toepel, and Eistert. 2,729,630.
- Eitel-McCullough, Inc.: *See—*
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- Sorg, Harold E. 2,740,067.
- Sorg, Harold E. 2,754,445.
- Williams, Paul D. 2,763,114.
- Elitzen, William C. H. Grade measuring attachment for carpenters' or builders' levels. 2,746,164, 5-22-56, Cl. 33-214.
- Ejur Associates, Inc.: *See—*
- Esposito, Vincent J. 2,742,725.
- Ekan, Frank E. Power mower with steerable and driven rear wheel. 2,765,861, 10-9-56, Cl. 180-12.
- Ekberg, Gunnar J. E.: *See—*
- Sjöblom, John E. 2,767,751.
- Ekco-Alcoa Containers Inc.: *See—*
- Kolman, Jack, and Beck. 2,775,883.
- Prince, Richard, and Massiello. 2,767,537.
- Ekco Products Co.: *See—*
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- Russell, John J., Beck, and Kollman. 2,738,897.
- Russell, John J., Beck, and Kollman. 2,773,817.
- Russell, John J., and Headland. 2,771,410.
- Wagner, Franz. 2,767,493.
- Elkins, William J. S. Caulking gun. 2,732,102, 1-24-56, Cl. 222-327.
- Ekle, Conrad: *See—*
- Reade, Gerald L., and Ekle. 2,751,744.
- Ekler, Kurt: *See—*
- Schloen, John H., Elkin, and Ekler. 2,769,775.
- Eklund, Carl H. Machines for the manufacture of shoe lasts and similar moulded bodies. 2,770,264, 11-13-56, Cl. 14-15.
- Eklund, Kjell A.: *See—*
- Valtersson, Per V., and Eklund. 2,751,154.
- Eklund, Raul J. Chimney cleaner. 2,756,451, 7-31-56, Cl. 15-163.
- Eklund, Stone E., to The National Supply Co. Method of making a composite cutter. 2,743,495, 5-1-56, Cl. 22-202.
- Eklund, Stone E., to The National Supply Co. Expandable plunger for free piston pumping apparatus. 2,762,310, 9-11-56, Cl. 103-52.
- Ekman, Erkki E.: *See—*
- Sundgren, Albert F., and Ekman. 2,739,976.
- Ekstedt, Henry V. Insecticide dispensers. 2,750,707, 6-19-56, Cl. 43-131.
- Ekstrand, Sture O., and V. L. Ronci, to Bell Telephone Laboratories, Inc. Fabrication of electrodes for electron discharge devices. 2,746,123, 5-22-56, Cl. 29-25.18.
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- Brundin, Nils H. 2,762,685.
- Kuzmick, Jerome F. 2,740,191.
- Ekstrom, Regner A., Jr., to Grindle Corp. Cupola waste gas heat exchange and purifying system. 2,729,301, 1-3-56, Cl. 183-6.
- Elaine of Hollywood Brassiere Co.: *See—*
- Croxall, Robert W. 2,734,193.
- Elam, Daniel W.: *See—*
- Wiles, Quentin T., and Elam. 2,735,829.
- Elam, Talmadge W.: *See—*
- Gottschorst, Gordon P., and Elam. 2,737,853.
- Elam, William B., to American Can Co. Liquid-proof container and method of producing the same. 2,757,848, 8-7-56, Cl. 229-5.6.
- Eland, Robert C. A., to Philco Corp. Coupling network for television tuners. 2,757,343, 7-31-56, Cl. 333-26.
- Elander, Herman C.: *See—*
- Elander, Burman J. 2,733,068.
- Elander, Burman J., deceased; B. C. Elander executrix. Changeable checker pieces. 2,733,068, 1-31-56, Cl. 273-137.
- Elastic Stop Nut Corp. of America: *See—*
- Chanter, Samuel W. 2,766,516.
- Fineran, Charles A. 2,766,080.
- Hallock, Robert L. 2,741,939.
- Hansen, Aage C. C. 2,736,561.
- Elberfeld Mfg. Co., Inc.: *See—*
- Kuhnschmidt, Harold L. and F. E., and Arthur and Arnold Geismann. 2,746,619.
- Elberg, Boris. Calendar timepiece. 2,741,082, 4-10-56, Cl. 58-5.
- Elcaness, Harold. Device for shaking down a clinical thermometer. 2,757,540, 8-7-56, Cl. 73-373.
- Elcort, Inc., to Rockwell Spring and Axle Co. Torque rod mounting for vehicle suspension. 2,755,097, 7-17-56, Cl. 280-104.5.
- Elden, Howard S., to National Gypsum Co. Dry soluble casing mix and method of preparing same. 2,758,034, 8-7-56, Cl. 106-146.
- Eldred, Edgar L., deceased; The United States National Bank of Denver, executor, to Elder Trailer and Body, Inc. Water tank trailer heating system. 2,732,839, 1-31-56, Cl. 126-344.
- Elder, Harry J., to Gulf Research & Development Co. Fluidized catalytic apparatus. 2,761,769, 9-4-56, Cl. 23-288.
- Elder, John A., Jr., to Merck & Co., Inc. Dropper closure for containers. 2,742,195, 4-17-56, Cl. 222-208.
- Elder, Ruth B. Educational mathematical game apparatus. 2,769,640, 11-6-56, Cl. 273-135.
- Elder Trailer and Body, Inc.: *See—*
- Elder, Edgar L. 2,732,839.
- Elder, Wayne L., to Cutter Laboratories, Inc. Blood transfusion apparatus. 2,758,597, 8-14-56, Cl. 128-214.
- Elderkin, William D. Staging bracket. 2,754,156, 7-10-56, Cl. 304-40.
- Eldon, Knud-Erik H., to Nordisk Insulinlaboratorium. Blood grouping card. 2,770,572, 11-13-56, Cl. 167-84.5.
- Eldon Mfg. Co.: *See—*
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- Eldorado Mining and Refining Ltd.: *See—*
- Thurmes, Arvid, Brown, Smith, and Brannen. 2,738,253.
- Eldred, Dewitt, to The General Tire and Rubber Co. Method of making reinforced glass fiber articles. 2,749,266, 6-5-56, Cl. 154-90.
- Eldred, Giles A. Portable water tank. 2,749,956, 6-12-56, Cl. 150-0.5.
- Eldredge, Arnold L., and E. L. Ginzton, to The Board of Trustees of the Leland Stanford Junior University. Method of forming internally flanged structures. 2,761,828, 9-4-56, Cl. 204-9.
- Elechem Corp.: *See—*
- Nobel, Fred I., and Ostrow. 2,733,198.
- Ostrow, Barnett D. 2,732,336.
- Ostrow, Barnett D. 2,770,587.
- Electra Mfg. Co.: *See—*
- Woodell, Victor A., and Hanaway. 2,752,039.
- Electraulic Presses Ltd.: *See—*
- Towler, John M. and F. H. 2,751,923.
- Towler, John M. and F. H. 2,752,946.
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- Electric Auto-Lite Co., The: *See*—  
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- Electric Eye Equipment Co.: *See*—  
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- Electric Heat Control Co., The: *See*—  
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- Electric and Musical Industries Ltd.: *See*—  
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Cassman, Harry. 2,745,772.  
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Gargini, Eric J. 2,744,157.  
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Hounsfield, Godfrey N. 2,775,656.  
James, Ivanhoe J. P., and Lodge. 2,738,379.  
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Keen, Arthur W. 2,772,358.  
King, William J. 2,767,824.  
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Stillwell, Peter F. T. C. 2,761,919.  
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- Electric Parts Corp.: *See*—  
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- Electric Regulator Corp.: *See*—  
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- Electric Service Mfg. Co.: *See*—  
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- Electric Steam Radiator Corp.: *See*—  
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- Electric Steel Foundry Co.: *See*—  
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- Electrical Apparatus Co., Ltd., The: *See*—  
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- Electrical Engineers Equipment Co.: *See*—  
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- Electro Chemical Engineering & Mfg. Co.: *See*—  
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- Electrodota Corp.: *See*—  
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- Electrofilm, Inc.: *See*—  
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- Electrofilm Meters Co. Ltd.: *See*—  
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- Electro-Glean, Inc.: *See*—  
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- Electro-Hydraulics Ltd.: *See*—  
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- Electroline Co.: *See*—  
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- Electrolite Products Ltd.: *See*—  
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- Electrolux Corp.: *See*—  
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- Electro-Mechanical Instrument Co., The: *See*—  
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- Electro Refractories & Abrasives Corp.: *See*—  
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- Electro-Seal Corp.: *See*—  
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- Electrol Inc.: *See*—  
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- Electrol Laboratory & Sales Co.: *See*—  
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- Electronic Associates, Inc.: *See*—  
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- Electronic Devices, Inc.: *See*—  
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Zimmermann, Joseph J. 2,769,860.
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- Elenbaas, Willem, D. Kolkman, and A. A. Hurx, to Hartford National Bank and Trust Co., trustee. Tubular gas discharge lamp. 2,739,261, 3-20-56, Cl. 813—185.
- Elfenbein, Wilfred. Waste macerator. 2,753,121, 7-3-56, Cl. 241—32.5.
- Elfes, Lee E., to Harry Ferguson, Inc. Mower breakback release mechanism. 2,741,889, 4-17-56, Cl. 56—25.
- Elfes, Lee E., to Harry Ferguson, Inc. Mower attachment for tractors. 2,743,563, 5-1-56, Cl. 56—25.
- Elfes, Lee E., and Lee J. Lorenz, to Harry Ferguson, Inc. Tractor mounted mow and lifting means therefor. 2,757,504, 8-7-56, Cl. 56—25.
- Elfes, Lee E., to Harry Ferguson, Inc. Universally adjustable scraper implement. 2,762,140, 9-11-56, Cl. 37—159.
- Elfes, Lee E., to Harry Ferguson, Inc. Unloading mechanism for trailers. 2,765,937, 10-9-56, Cl. 214—83.36.
- Elfvig, Thore M., to Isoflex Corp. Multi-layer heat insulating material. 2,746,892, 5-22-56, Cl. 154—45.
- Elgin American, Inc.: *See*—  
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- Elgin, Joseph C., to Phillips Petroleum Co. Recovery of ethylene. 2,738,756, 2-28-56, Cl. 260—677.
- Elgin Milk Products Co., Inc.: *See*—  
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- Ensign, George G., Soper, and Lundahl. 2,757,545.
- Ensign, George G., Soper, and Lundahl. 2,757,555.
- Favret, Maxime. 2,770,942.
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- Elgin Softener Corp.: *See*—  
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- Elian, John, and M. Le Pingle. Production of pentoses from cellulosic materials. 2,734,836, 2-14-56, Cl. 127—87.
- Elias, Helen S. X-ray device. 2,737,952, 3-13-56, Cl. 128—245.
- Elias, Peter. Multiplier circuit. 2,741,428, 4-10-56, Cl. 235—61.
- Eliassen, Per. Air conditioned footwear. 2,741,038, 4-10-56, Cl. 36—3.
- Ellings, Garmt A., to Hartford National Bank and Trust Co., as trustee. Mass spectrometer. 2,769,910, 11-6-56, Cl. 250—41.9.
- Elins, Herbert S., D. C. Bellis, and J. W. Gates, Jr., to Eastman Kodak Co. Protein derivatives and their preparation. 2,763,639, 9-18-56, Cl. 260—117.
- Eliot, Gertrude B.: *See*—  
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- Eliot, Theodore O.: *See*—  
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- Eliot, William M. Car parking system and structure. 2,733,819, 2-7-56, Cl. 214—16.1.
- Eclipse Law Mower Co., Division of Buffalo-Eclipse Corp., The: *See*—  
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- Elison, Eli: *See*—  
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- Elkhart Brass Mfg. Co., Inc.: *See*—  
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- Russell, Bennett D. 2,741,138.
- Elkin, Anita: *See*—  
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- Elkins, Lee O. Silk crushing and crimping machine. 2,736,363, 2-28-56, Cl. 154-30.
- Elkins, Lloyd E., to Stanolind Oil and Gas Co. Production from bituminous sands. 2,734,579, 1-14-56, Cl. 166-11.
- Elkins, Robert H.: *See*—  
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- Elkins, Robert H., to Sinclair Refining Co. Isomerization of alkanes and cycloalkanes. 2,766,302, 10-9-56, Cl. 260-666.
- Ellen, Verner G.: *See*—  
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- Ellenberger, Charles R., to General Electric Co. Air conditioning control system. 2,751,152, 6-19-56, Cl. 236-1.
- Ellenberger, Jakob, to Ellenberger & Poensgen G. m. b. H. Thermal over-current circuit-breaker. 2,767,281, 10-16-56, Cl. 200-116.
- Ellenberger & Poensgen G. m. b. H.: *See*—  
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- Ellens, Samuel H.: *See*—  
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- Eller, Harold E., and R. D. Schmitt, to Minneapolis-Honeywell Regulator Co. Controller. 2,763,278, 9-18-56, Cl. 137-82.
- Ellerbeck, Grant C., to Friden Calculating Machine Co., Inc. Clearing mechanism. 2,733,010, 1-31-56, Cl. 235-144.
- Ellerbeck, Grant C., to Friden Calculating Machine Co., Inc. Pens-transfer mechanism. 2,733,863, 2-7-56, Cl. 235-138.
- Ellerbeck, Grant C., to Friden Calculating Machine Co., Inc. Square root mechanism. 2,736,492, 2-28-56, Cl. 235-63.
- Ellerbeck, Grant C., to Friden Calculating Machine Co., Inc. Square root calculating machine. 2,736,493, 2-28-56, Cl. 235-63.
- Ellerbeck, Grant C., to Friden Calculating Machine Co., Inc. Auxiliary keyboard mechanism adapted for square root operations. 2,736,497, 2-28-56, Cl. 135-146.
- Ellerbeck, Grant C., to Friden Calculating Machine Co. Division terminating mechanism. 2,753,114, 7-3-56, Cl. 235-62.
- Ellerbeck, Grant C., to Friden Calculating Machine Co., Inc. Nonreversing countercontrol for division operations. 2,755,997, 7-24-56, Cl. 235-63.
- Ellerbeck, Grant C., to Friden Calculating Machine Co., Inc. Multi-purpose register. 2,758,789, 8-14-56, Cl. 235-63.
- Ellerbeck, Grant C., to Friden Calculating Machine Co., Inc. Multiplying-dividing machine, including mechanism for registering a quotient in a multiplier storage device. 2,764,847, 9-25-56, Cl. 235-63.
- Ellerbeck, Grant C., to Friden Calculating Machine Co., Inc. Auxiliary selection and operating devices for a ten-key indexing mechanism. 2,764,352, 9-25-56, Cl. 235-146.
- Ellerbeck, Grant C., and D. L. Rolph, to Friden Calculating Machine Co., Inc. Square root calculating machine. 2,736,494, 2-28-56, Cl. 235-63.
- Ellerstein, Jack I., Co.: *See*—  
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- Elles, Edward S., and H. C. Hawley, to Superior Furniture Co. Extension table having hinged apron section. 2,734,788, 2-14-56, Cl. 311-62.
- Ellett, Alec S. J.: *See*—  
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- Zozulin, Igor V., and J. V. J. Okulitch, Volkoff, and Ellett. 2,754,438.
- Zozulin, Igor V., G. J. Okulitch, Volkoff, V. J. Okulitch, and Ellett. 2,769,932.
- Zozulin, Igor V., Okulitch, Volkoff, Okulitch, and Ellett. 2,773,206.
- Ellett, Alexander, to Zenith Radio Corp. Subscription television system. 2,770,671, 11-13-56, Cl. 178-5.1.
- Ellett, Alexander, to Zenith Radio Corp. Subscription television system. 2,770,803, 11-13-56, Cl. 178-5.1.
- Ellicott Machine Corp.: *See*—  
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- Kaufmann, Carl P. 2,747,942.
- Ellila, Karl L. Filter apparatus. 2,767,852, 10-23-56, Cl. 210-171.
- Elling, Hugo: *See*—  
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- Elling, Hugo, to American Enka Corp. Method of and apparatus for making sized threads, not twisted, of artificial silk. 2,757,101, 7-31-56, Cl. 117-8.
- Ellicott Equipment Ltd.: *See*—  
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- Ellicott, Stanley B., and A. M. Nicholson, to Ferro Chemical Corp. Fungicides and method of making same. 2,756,233, 7-24-56, Cl. 260-270.
- Ellicott, William H., to Cutler-Hammer, Inc. Motor speed control systems. 2,753,506, 7-3-56, Cl. 318-331.
- Ellicott, William H., and E. W. Seeger, to Cutler-Hammer, Inc. Speed control system for alternating current induction motors. 2,739,279, 8-20-56, Cl. 318-204.
- Ellicott Addressing Machine Co., The: *See*—  
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- Ellicott, Brantford G.: *See*—  
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- Ellicott, Brantford G., to Harry Ferguson, Inc. Transfer mechanism for use in harvesting machines. 2,745,237, 5-15-56, Cl. 56-60.
- Ellicott, Brantford G., to Harry Ferguson, Inc. Adjusting mechanism for agricultural implement parts. 2,766,673, 10-16-56, Cl. 97-46.59.
- Ellicott Brothers (London) Ltd.: *See*—  
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- Ellicott, Gilbert H. Method of making dentures. 2,768,440, 10-30-56, Cl. 32-2.
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- Ellicott, Harold V., to General Motors Corp. Directional signal switch. 2,733,309, 1-31-56, Cl. 200-61.34.
- Ellicott, Harold V., to General Motors Corp. Method of making a circuit breaker lever. 2,746,131, 5-22-56, Cl. 29-15.34.
- Ellicott, Harold V., to General Motors Corp. Rod controlling mechanism. 2,769,352, 11-6-56, Cl. 74-503.
- Ellicott, Harold V., and W. E. and H. F. Brown, to General Motors Corp. Compartment light and switch. 2,734,992, 2-14-56, Cl. 240-7.1.
- Ellicott, Howard A.: *See*—  
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- Ellicott, Irwin,  $\frac{1}{2}$  to A. S. Schmidt. Method and apparatus for dividing and panning bread dough. 2,740,362, 4-3-56, Cl. 107-4.
- Ellicott, John, to Acrow (Engineers) Ltd. Straight beam adjustable jaw clamp. 2,729,252, 1-3-56, Cl. 144-281.
- Ellicott, John C., to Bjorksten Research Laboratories. Method of producing metal foam. 2,751,289, 6-19-56, Cl. 75-20.
- Ellicott, John R., to General Electric Co. Diborane preparation. 2,737,447, 3-6-56, Cl. 23-204.
- Ellicott, John R., to General Electric Co. Aminomethyl siloxane compositions and their preparation. 2,754,311, 7-10-56, Cl. 260-448.2.
- Ellicott, John R., to General Electric Co. Aminoalkyl cyclopolyloxane compositions and their preparation. 2,754,312, Cl. 260-448.2.
- Ellicott, Kenneth M., to Socony Mobil Oil Co., Inc. Method of operating a split-flow reformer. 2,738,308, 8-13-56, Cl. 196-50.
- Ellicott, Kenneth M., to Socony Mobil Oil Co., Inc. Catalytic reforming without thermal cracking. 2,742,404, 4-17-56, Cl. 196-50.
- Ellicott, Kenneth M., to Socony Mobil Oil Co., Inc. Reforming in the presence of carbon monoxide. 2,756,190, 7-24-56, Cl. 196-50.
- Ellicott, Kenneth M., to Socony Mobil Oil Co., Inc. Method of improving the yield of reformat in the process of reforming hydrocarbons. 2,763,598, 9-18-56, Cl. 196-50.
- Ellicott, Kenneth M., to Socony Mobil Oil Co., Inc. Method for the regeneration of adsorbent contact material. 2,765,282, 10-2-56, Cl. 252-418.
- Ellicott, Kenneth M., to Socony Mobil Oil Co., Inc. Reforming at a plurality of severities with constant recycle gas of optimum hydrogen concentration to all zones. 2,772,216, 11-27-56, Cl. 196-50.
- Ellicott, Laverne P.: *See*—  
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- Ellicott, Laverne P., and N. Morrell. Unitary diver operator for opening and closing valves. 2,743,897, 5-1-56, Cl. 251-59.
- Ellicott, Marvel A., to General Electric Co. Socketed metallic tube joint of different materials. 2,741,498, 4-10-56, Cl. 285-161.
- Ellicott, Roy N. Valve assembly for toilet flush tanks. 2,737,198, 3-6-56, Cl. 137-217.
- Ellicott, Raymond St. C. Bore sighting device for firearms. 2,773,809, 12-11-56, Cl. 33-46.
- Ellicott, Richard M., and E. S. Lee, III, to United Shoe Machinery Corp. Control system for workpiece treating machines. 2,743,924, 5-1-56, Cl. 271-68.
- Ellicott, Richard M., and J. L. Minto, to United Shoe Machinery Corp. Machines for performing operations with respect to articles and control mechanisms therefor. 2,743,925, 5-1-56, Cl. 271-68.
- Ellicott, Richard O. Dispenser for pressurized containers. 2,765,959, 10-9-56, Cl. 222-181.
- Ellicott, Ruth M.: *See*—  
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- Ellicott, Sam D.: *See*—  
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- Ellicott, Stanley B.: *See*—  
 Nicholson, Albright M., and Ellicott. 2,770,626.
- Ellicott, Stanley B., to Ferro Corp. Light sensitive composition of matter and photographic process. 2,754,210, 7-10-56, Cl. 95-7.



- Elliott, Stanley B., to Ferro Corp. Photographic method using a light sensitive resin composition. 2,772,158, 11-27-56, Cl. 96-27.
- Elliott, Stanley B., to Ferro Corp. Light sensitive composition of matter and photographic method using it. 2,772,159, 11-27-56, Cl. 96-27.
- Elliott, Stanley J., F. M. Thomas, and O. C. Worley, to Bell Telephone Laboratories, Inc. Driving and braking system for cooling mechanism. 2,775,407, 12-25-56, Cl. 242-53.
- Elliott, William R., to Thompson Products, Inc. Rotary coaxial switch actuating mechanism. 2,769,941, 11-6-56, Cl. 317-157.
- Elliott, William R., to Thompson Products, Inc. Control circuit and actuating mechanism for a coaxial switch. 2,769,942, 11-6-56, Cl. 318-287.
- Elliott, William R., to Thompson Products, Inc. Control circuit and actuating mechanism for a coaxial switch. 2,769,948, 11-6-56, Cl. 318-275.
- Elliott Bay Mill Co.: See—
- Miller, William J., and Johnson, 2,758,616.
- Ellis, Adolph E.: See—
- Ellis, Stephen, 2,772,078.
- Ellis, Alfred L. Measuring and dispensing top. 2,730,272, 1-10-56, Cl. 222-362.
- Ellis, Charles A.: See—
- Wolland, Wilard E., and Ellis, 2,771,878.
- Ellis, Charles A., to American Optical Co. Eye protective devices. 2,758,308, 8-14-56, Cl. 2-14.
- Ellis, Charles A., to American Optical Co. Portable combined photographic slide viewing and projecting device. 2,764,058, 9-25-56, Cl. 83-24.
- Ellis, Charles A., Sargent & Co. Door lock. 2,772,108, 11-27-56, Cl. 292-191.
- Ellis, David H., to Minneapolis-Honeywell Regulator Co. Shutter construction. 2,739,675, 3-27-56, Cl. 189-62.
- Ellis, David H., to The Oscar C. Rixson Co. Door holder. 2,744,779, 5-8-56, Cl. 292-278.
- Ellis, Delbert: See—
- Krenke, Vincent G., and Ellis, 2,763,821.
- Pelz, Robert A., and Ellis, 2,773,948.
- Ellis, Earl T.: See—
- Edison, Carlyle P., Eiker, Ellis, and Lester, 2,746,167.
- Ellis, Edwin J.: See—
- Winokur, Peter, and Ellis, 2,743,827.
- Ellis, Frampton E., Jr.: See—
- Driggs, Ivan H., Hyatt, and Ellis, 2,743,886.
- Ellis, George S., to L & L Mfg. Co. Self-flaring fitting for tubes. 2,737,403, 8-14-56, Cl. 285-122.
- Ellis, Grace. Condiment composition. 2,746,869, 5-22-56, Cl. 99-144.
- Ellis, Greer. Electric signal measuring apparatus with dynamic null balance. 2,731,583, 1-17-56, Cl. 315-26.
- Ellis, Grenville E., to the United States of America as represented by the Secretary of the Army. Battery separator. 2,729,694, 1-3-56, Cl. 136-145.
- Ellis, Hubert C. Laundry machine. 2,758,465, 8-14-56, Cl. 68-210.
- Ellis, John H. Tire grooving machine. 2,765,846, 10-9-56, Cl. 114-102.
- Ellis, John L.: See—
- Goetzel, Claus G., and Ellis, 2,749,029.
- Ellis, Max M.: See—
- Brown, James S., and Ellis, 2,766,208.
- Ellis, Norman S., to A. Reyrolle & Co. Ltd. Electric relay device. 2,737,742, 12-25-56, Cl. 317-36.
- Ellis, Norman S., and C. H. Lackey, to A. Reyrolle & Co. Ltd. Electric protective arrangements. 2,735,962, 2-21-56, Cl. 317-29.
- Ellis, Preston L.: See—
- Tompkins, Will M., and Ellis, 2,775,155.
- Ellis, Ray C., Jr., to Raytheon Mfg. Co. Surface treatment of germanium. 2,736,639, 2-28-56, Cl. 41-42.
- Ellis, Ray C., Jr., to Raytheon Mfg. Co. Surface treatment of germanium. 2,738,259, 3-13-56, Cl. 41-42.
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- Ellis, Stephen, to A. H. Ellis. Beater blades. 2,772,078, 11-27-56, Cl. 259-131.
- Ellis, Walter R., to Tracerlab, Inc. Temperature control circuit. 2,759,089, 8-14-56, Cl. 219-20.
- Ellis, Walter S.: See—
- Luark, Joseph, and Ellis, 2,741,596.
- Ellison Bronze Co., Inc.: See—
- Hanssen, Petter M., 2,768,195.
- Ellison, George: See—
- Fletcher, Arthur H., Payne, Ellison, and Snow, 2,741,351.
- Ellison, Hal J. Deionizing device. 2,749,307, 6-5-56, Cl. 21-24.
- Ellison, John M.: See—
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- Ellison, Lynn E., and O. J. Wolfer, to The Pure Oil Co. Temperature compensating tire pressure gauge. 2,741,920, 4-17-56, Cl. 75-345.
- Ellison, Michael C., to The Gudeman Co. Electrolytic capacitor. 2,733,389, 1-31-56, Cl. 317-230.
- Ellithorpe, Clarence D., to Duplex Electric Co., Inc. Motorized drive-in teller's window. 2,730,053, 1-10-56, Cl. 109-19.
- Elman, Irving A. Analgesic apparatus. 2,763,263, 9-18-56, Cl. 128-198.
- Elman, Jacob L. Cleaning device, including fluid dispensing means. 2,770,828, 11-20-56, Cl. 15-131.
- Ellman, Samuel H., to Harris-Ellman, Inc. Awning. 2,747,242, 5-29-56, Cl. 20-57.5.
- Elmer, Robert W., to The Osborn Mfg. Co. Turntable mechanism. 2,748,625, 6-5-56, Cl. 74-817.
- Ells, Leslie D.: See—
- McJilton, Lee D., and Ellis, 2,738,989.
- Ellstrom, Elmer G., deceased; C. A. Tevander administrator, 1/2 to W. A. Meyer. Palletized containers. 2,758,776, 8-14-56, Cl. 229-2.
- Ellsworth, Carl E., to National Cylinder Gas Co. Resonant high-frequency heating applicator. 2,732,472, 1-24-56, Cl. 219-10.55.
- Ellsworth, Carl E., to National Cylinder Gas Co. Dielectric heating applicator. 2,732,473, 1-24-56, Cl. 219-10.55.
- Ellsworth, Carl E., to National Cylinder Gas Co. Variable capacitor for high-frequency dielectric heating applicator. 2,732,474, 1-24-56, Cl. 219-10.55.
- Ellsworth, Carl E., to National Cylinder Gas Co. Voltage determining arrangement for dielectric heaters. 2,747,067, 5-22-56, Cl. 219-10.55.
- Ellsworth, Joseph D.: See—
- Ellsworth, Joseph M., 2,766,640.
- Ellsworth, Joseph M., 1/2 to J. D. Ellsworth. Air brake pedal. 2,766,640, 10-16-56, Cl. 74-478.
- Ellsworth, Louis D., and C. V. Sherwin, to the United States of America as represented by the Secretary of the Navy. Auxiliary indicator for radio-echo detection system. 2,775,757, 12-25-56, Cl. 343-11.
- Ellsworth, Russell S., to Miehle Printing Press & Mfg. Co. File card structure. 2,775,050, 12-25-56, Cl. 40-159.
- Ellsworth, Walter E.: See—
- Melex, Harold A., and Ellsworth, 2,772,496.
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- Orzel, Paul, 2,760,764.
- Elman, I. J.: See—
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- Remstein, William, 2,772,063.
- Elman, Jerome. Storage cabinet construction. 2,739,024, 3-27-56, Cl. 212-285.
- Elmendorf, Armin. Machine for producing sheets of indefinite length composed of slitted wood veneer and a flexible backing. 2,737,214, 3-6-56, Cl. 144-2.
- Elmendorf, Duryea E., and A. G. Foote, to General Electric Co. Temperature sensing device with temperature indicator. 2,740,870, 4-3-56, Cl. 116-114.
- Elmendorf, Richard G. Soot blower. 2,737,681, 3-13-56, Cl. 15-318.
- Elmer, Arthur E.: See—
- Conway, Hugh G., and Elmer, 2,750,928.
- Elmer, Curtis: See—
- Fraser, George L., and Elmer, 2,773,793.
- Fraser, George L., and Elmer, 2,773,794.
- Elmer, Curtis, T. Anas, and S. H. Rider, to Monsanto Chemical Co. Modified melamine-formaldehyde resin. 2,740,736, 4-3-56, Cl. 154-43.
- Elmer, Curtis, T. Anas, and S. H. Rider, to Monsanto Chemical Co. Melamine-formaldehyde laminating syrup. 2,740,737, 4-3-56, Cl. 154-43.
- Elmer, Curtis, T. Anas, and S. H. Rider, to Monsanto Chemical Co. Melamine-aryl guanamine resins. 2,740,738, 4-3-56, Cl. 154-43.
- Elmer, Edward M., to Summers Gyroscope Co. Method of forming a motor armature and core assembly. 2,763,052, 9-18-56, Cl. 29-155.5.
- Elmer, Otto C.: See—
- Crowe, Bernard F., and Elmer, 2,742,502.
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- Elmore, R. T.: See—
- Loomis, Glenn L., 2,731,827.
- Elms, Edwin F.: See—
- Pekham, Roy E., and Elms, 2,748,645.
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- Gardner, Frederick H., Elms, and Rosenstock, 2,775,124.
- Elmstedt, John: See—
- Porthoff, Kurt T., and Elmstedt, 2,753,058.
- Elld, Egon. Method of carotting prefired uncarroted cones. 2,758,907, 8-14-56, Cl. 8-112.
- Elld, Egon. Carotting process and solution. 2,770,519, 11-13-56, Cl. 8-112.
- Eloranta, Vaito K.: See—
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- Matulaitis, Victor E., 2,769,078.
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- Elpern, Bill, to Sterling Drug Inc. Iodinated 5-benzimidotetra-  
zole and preparation thereof. 2,750,393, 6-12-56, Cl. 260-308.
- Elpern, Bill, to Sterling Drug Inc. 1-(lower alkyl)-4-phenyl-4-(tertiary-aminoalkoxymethyl) and tertiary-aminoalkoxy piperidines and their preparation. 2,773,870, 12-11-56, Cl. 260-247.7.

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- Elreco Corp. The: *See*—  
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- Elsas, William D. Stopper for a resilient dispenser. 2,743,849, 5-1-56, Cl. 222—205.
- Elsasser, Caspar W. Harmonicas. 2,745,307, 5-15-56, Cl. 84—377.
- Elsasser, Viktor, to J. P. Bemberg Aktiengesellschaft. Method and apparatus for spinning high strength silk from cuprammonium cellulose solutions. 2,773,281, 12-11-56, Cl. 18—8.
- Elsberg, John. Sinkers releaser for fishing lines. 2,733,537, 4-3-56, Cl. 43—12.
- Elsbert, Ludwig, to W. H. R. Behrens. Internal combustion engines. 2,744,508, 5-8-56, Cl. 123—41.39.
- Else, Harry C. Metal sawing table. 2,732,528, 12-4-56, Cl. 51—240.
- Else, John G., to General Motors Corp. Automatic choke means. 2,732,352, 9-11-56, Cl. 123—119.
- Elsen, Richard P. Friction on wheel spindle presses. 2,729,979, 1-10-56, Cl. 74—213.
- Elsenheimer, Charles W.: *See*—  
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- Elsley, Carroll M. Corrective shoe. 2,736,971, 3-6-56, Cl. 3-5.
- Elsley, Carroll M.,  $\frac{1}{2}$  to P. W. Smith. Orthopedic shoe. 2,769,251, 11-6-56, Cl. 36—8.5.
- Elsley, Howard M., to Westinghouse Electric Corp. Current collector for dynamoelectric machines. 2,739,256, 3-20-56, Cl. 310—251.
- Elslager, Edward F., to Parke, Davis & Co. Anthrapyridones. 2,756,234, 7-24-56, Cl. 260—278.
- Elslager, Edward F., F. W. Short, and E. S. Lademan, to Parke, Davis & Co. N-pyridylmethyl, N-hydroxyethyl dihalo amides. 2,751,470, 1-17-56, Cl. 260—295.
- Elslager, Edward F., F. W. Short, and M. J. Sullivan, to Parke, Davis & Co. 7-substituted amino-benz [c] acridines and salts thereof. 2,773,064, 12-4-56, Cl. 260—279.
- Elisner, Edwin C., to C. J. W. Corp. Cargo tie-down. 2,735,377, 2-21-56, Cl. 105—369.
- Elisner, Edwin C. Quick attachment fitting. 2,736,272, 2-28-56, Cl. 105—369.
- Elisner, Edwin C., to General Logistics. Pivoted dog construction. 2,739,361, 3-27-56, Cl. 24—211.
- Elisner, Edwin C., to General Logistics. Method and tool for making rope joints. 2,739,439, 3-27-56, Cl. 57—23.
- Elisner, Edwin C., to General Logistics. Connection and fastening device. 2,742,307, 4-17-56, Cl. 287—20.
- Elisner, Edwin C., to G. D. Brown. Tie-down track fitting. 2,743,684, 5-1-56, Cl. 105—369.
- Elisner, Edwin C., to General Logistics. Cargo hook. 2,758,867, 1-4-56, Cl. 264—83.
- Elison, William O., to The Kendall Co. Packaged surgical sutures and method of preparing same. 2,738,059, 3-13-56, Cl. 206—63.3.
- Elsteln, Edward. Sounding toys. 2,749,659, 6-12-56, Cl. 46—191.
- Elster & Co.: *See*—  
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- Elston, Rue R., and S. H. Hunt, to Rue R. Elston Co. Cargo coolers. 2,738,654, 3-20-56, Cl. 62—91.5.
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- Elswick, Stuart J. Cigarette-clip holder. 2,749,919, 6-12-56, Cl. 131—259.
- Elsworth, John V., to The New York Air Brake Co. Protection device for air brakes. 2,738,235, 3-13-56, Cl. 303—26.
- Elsy, Walter S. Deep hole saw. 2,754,864, 7-17-56, Cl. 145—120.
- Elton, Eugene D., to O. A. Miller. Pump attachment for fluid cans. 2,735,588, 2-21-56, Cl. 222—324.
- Elwell Parker Electric Co. The: *See*—  
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- Ackermann, Joseph A. 2,756,885.
- Heidenrich, Oliver B. 2,738,389.
- Hoppert, Herman J. 2,752,055.
- Woodard, Walter M. 2,733,822.
- Woodard, Walter M. 2,764,806.
- Elwood, Daniel H. Apparatus for imparting oscillatory movement to shaft from remote oscillatory shaft. 2,754,439, 7-10-56, Cl. 310—120.
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- Ely, John O., to Socony Mobil Oil Co. Inc. Mechanically coupled acoustic well logging system. 2,757,358, 7-31-56, Cl. 340—18.
- Elzer, Gerald C. Can holding devices. 2,766,891, 10-16-56, Cl. 211—71.
- Elzer, Philip, R. Sommerfeld, and T. Anthony. Stapling machines. 2,770,805, 11-20-56, Cl. 1—101.
- Emanuel, Vincent, and V. R. Douglas, to Grant Oil Tool Co. Expandible well scraper. 2,756,968, 7-31-56, Cl. 255—76.
- Emanuelsson, Gunnar G., to Telefonaktiebolaget L M Ericsson. Device for generation of pulses. 2,732,527, 1-24-56, Cl. 332—9.
- Ember, Alexander: *See*—  
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- Ember, Maximilian R. and A. Cutting device. 2,737,719, 3-13-56, Cl. 30—283.
- Emblem, Harold G., D. J. Cloherly, and R. H. Hancock, to Rollroy Boyce Ltd. Method of and dies for forming hollow expendable patterns for casting. 2,752,653, 7-3-56, Cl. 22—196.
- Embossograph Process Co. Inc.: *See*—  
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- Embre, Norris D., and G. Y. Brokaw, to Eastman Kodak Co. Method of making mixed glycidyle. 2,764,605, 9-25-56, Cl. 260—110.8.
- Embry, Robert C., and J. S. Duff. Identification coder and decoder. 2,754,496, 7-10-56, Cl. 340—174.
- Emde, Hans: *See*—  
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- Emde, Günther W., to Krauss-Maffei Aktiengesellschaft. Crankcases, particularly for V-type diesel engines. 2,752,896, 7-3-56, Cl. 121—194.
- Emele, Günther W., and O. Hirsch, to Krauss-Maffei Aktiengesellschaft. Engine cylinder lubricating means. 2,738,861, 3-20-56, Cl. 184—6.
- Emelock, Melvin. Instrument for the administration of suppositories. 2,754,822, 7-17-56, Cl. 128—264.
- Emerite Corp.: *See*—  
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- Emerson, Cherry L., Jr., to Emerson & Cuming, Inc. Method of making resinous materials to improve their adhesion characteristics. 2,764,502, 9-25-56, Cl. 117—47.
- Emerson & Cuming, Inc.: *See*—  
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- Emerson, David E. Flashlight. 2,751,490, 6-19-56, Cl. 240—10.
- Emerson Electric Mfg. Co. The: *See*—  
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- Phillips, Chester S. 2,755,399.
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- Hiatt, Gordon D., Mench, and Emerson. 2,759,925.
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- Emerson, John H. Pressure resuscitator. Re. 2,4193, 8-7-56, Cl. 128—29.
- Emerson, John H. Therapeutic apparatus and collar therefor. 2,743,402, 9-2-56, Cl. 128—30.
- Emerson, John H. Apparatus for producing artificial respiration. 2,774,347, 12-18-56, Cl. 128—30.
- Emerson, John H. Artificial respirator. 2,774,348, 12-18-56, Cl. 128—30.
- Emerson, John H. Breathing assistor valve. 2,774,352, 12-18-56, Cl. 128—203.
- Emerson, John R., to Fuller & Emerson Mfg. Co. Fluid filter. 2,760,646, 8-28-56, Cl. 210—164.
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- Emerson Radio and Phonograph Corp.: *See*—  
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- Emerson, Ralph W., to Emerite Corp. Molding compositions and method of making same. 2,764,569, 9-25-56, Cl. 260—17.3.
- Emerson, William A., to Westinghouse Electric Corp. Induction heater coil. 2,752,472, 6-26-56, Cl. 219—10.79.
- Emerson, William J., to Samuel M. Langston Co. Squaring devices for box closing machines. 2,771,292, 11-20-56, Cl. 271—50.
- Emerson, William S.: *See*—  
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- Emerson, William S., to Monsanto Chemical Co.  $\alpha,\alpha$ -dialkyl-ar-phenylbenzyl hydroperoxides. 2,773,906, 12-11-56, Cl. 260—610.
- Emerson, William S., and R. A. Heimsch, to Monsanto Chemical Co. Dicarboxylic sulfones as plasticizers for vinyl chloride polymers. 2,730,512, 1-10-56, Cl. 260—30.8.
- Emerson, William S., and R. I. Longley, Jr., to Monsanto Chemical Co. Substituted 1,5-pentadienol esters. 2,766,266, 10-9-56, Cl. 211—10.6.
- Emery, Alfred H., to The L. S. Starrett Co. Dial indicator. 2,741,032, 4-10-56, Cl. 33—172.
- Emery, Alfred H., to The L. S. Starrett Co. Benzol holding ring. 2,746,785, 5-22-56, Cl. 292—256.6.
- Emery, Herbert F., and D. E. Peru. Indexing device. 2,735,334, 3-21-56, Cl. 85—24.
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- Emery, Richard L., to Keyes Fibre Co. Pulp molding apparatus. 2,746,358, 5-22-56, Cl. 92—56.
- Emery, Richard L., to Keyes Fibre Co. Molding of perforated pulp articles. 2,754,729, 7-17-56, Cl. 92—54.
- Emery, Richard L., to Keyes Fibre Co. Reduction of edge flashing on molded pulp articles. 2,772,608, 12-4-56, Cl. 92—56.
- Emery, Roy W.: *See*—  
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- Emery, William M. Pillows. 2,728,926, 1-3-56, Cl. 5—338.



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- Emker, Henry H., to Radio Frequency Laboratories, Inc.  
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- Emley, Edward F.: See—  
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- Emley, Edward F., to Magnesium Elektron Ltd. Method of producing magnesium base alloys. 2,742,355, 4-17-56, Cl. 75-168.
- Emley, Edward F., and W. Unsworth, to Magnesium Elektron Ltd. Method of producing magnesium base alloys. 2,745,741, 5-15-56, Cl. 75-168.
- Emmery, Philip W., to Cutler-Hammer, Inc. Method of and means for starting part winding motors. 2,773,230, 12-4-56, Cl. 318-226.
- Emmerich, Ernst, to Schloemann Aktiengesellschaft. Manufacture of practically endless extrusion products. 2,738,873, 9-20-56, Cl. 207-19.
- Emmert, Walter E., ½ to H. Fong. Inside control for refrigerator door latches. 2,747,906, 5-29-56, Cl. 292-92.
- Emmett, Paul H., to Gulf Research & Development Co. Catalytic conversion process with the use of a base-exchanged silica-alumina catalyst. 2,744,057, 5-1-56, Cl. 196-52.
- Emmi, Joseph. Collapsible wing system for aircraft and actuating means therefor. 2,743,072, 4-24-56, Cl. 244-43.
- Emmons, Ardath H., and R. A. Lauderdale, Jr., to the United States of America as represented by the United States Atomic Energy Commission. Process for water decontamination. 2,752,309, 6-26-56, Cl. 210-24.
- Emmons, Arthur N., and W. A. Papworth, to Porter-Cable Machine Co. Cutter arbor shaft for portable power operator and tools. 2,751,942, 6-26-56, Cl. 143-155.
- Emmons, Arthur N., to The Porter-Cable Machine Co. Portable power operated sanding machine. 2,764,852, 10-2-56, Cl. 51-170.
- Emmons, Arthur N., to The Porter-Cable Machine Co. Portable belt sanding machine. 2,774,198, 12-18-56, Cl. 51-170.
- Emmons, Arthur N., to The Porter-Cable Machine Co. Abrading machine. 2,774,199, 12-18-56, Cl. 51-177.
- Emmons, Arthur N., to The Porter-Cable Machine Co. Power operated wood plane with chip and shaving discharge means. 2,774,239, 12-18-56, Cl. 145-4.
- Emmons Loom Harness Co.: See—  
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- Emmrich, Friedrich, and F. Held. Fire extinguishing apparatus. 2,764,246, 9-25-56, Cl. 169-31.
- Emond, Robert E., to Esso Research and Engineering Co. Soil structural improvement process. 2,760,508, 8-28-56, Cl. 47-58.
- Emond, Robert E., and J. Arnot, deceased (by E. Arnot, executrix), to Esso Research and Engineering Co. Soil sterilizing procedure. 2,741,550, 4-10-56, Cl. 71-24.
- Emond, Robert E., and W. C. Pattenden, to Esso Research and Engineering Co. Control desuckering compositions. 2,772,152, 11-27-56, Cl. 71-23.
- Empire Box Corp.: See—  
 Kowal, Michael H. 2,750,082.
- Empire Brushes, Inc.: See—  
 Zottola, Frank. 2,730,742.  
 Zottola, Frank. 2,730,743.
- Empire Oil Co.: See—  
 Zerkowicz, Philip. 2,766,603.
- Emrich, Hans, to L. A. K. Theune. Ampoule for cleaning hypodermic needles. 2,731,964, 1-24-56, Cl. 128-218.
- Emrick, Agnes G.: See—  
 Emrick, Robert G. 2,755,685.  
 Emrick, Robert G. 2,767,992.
- Emrick, Donald E., to The Standard Register Co. Composite platen and method of making same. 2,756,861, 7-31-56, Cl. 197-144.
- Emrick, Homer R., to Emrick Inc. Translating mechanism for converting rotary motion to reciprocating motion. 2,749,758, 6-12-56, Cl. 74-45.
- Emrick Inc.: See—  
 Emrick, Homer R. 2,749,758.
- Emr, Melvin H., to Multiple Drive Forward and Reverse Drive Unit for Tapping Machine. 2,729,834, 1-10-56, Cl. 10-136.
- Emrick, Melvin H. Method of bonding friction facings to conical cups. 2,749,264, 6-5-56, Cl. 154-81.
- Emrick, Melvin H. Tap collectors. 2,767,991, 10-23-56, Cl. 273-80.
- Emrick, Robert G., deceased; A. G. Emrick, administratrix. Multiple tool operating head. 2,755,685, 7-24-56, Cl. 74-665.
- Emrick, Robert G., deceased (A. G. Emrick, administratrix). Chuck devices for taps. 2,767,992, 10-23-56, Cl. 279-82.
- Emasco: See—  
 Ashton, Albert A. 2,775,429.  
 Hedden, Robert R. 2,751,767.  
 Long, John A. 2,764,940.
- Emsig Mfg. Co.: See—  
 Troll, William A. 2,768,594.
- Emslie, Lyell M. Gearless differential. 2,729,118, 1-3-56, Cl. 74-650.
- Emslie, Robert S., to E. I. du Pont de Nemours and Co. Production of acetic acid. 2,731,495, 1-17-56, Cl. 260-537.
- Emulsol Chemical Corp.: See—  
 Epstein, Solomon, Fuchs, and Gladstone. 2,733,212.  
 Harris, Benjamin R. 2,744,902.  
 Kharasch, Morris S., and Nudenberg. 2,739,136.  
 Kharasch, Morris S., and Nudenberg. 2,739,138.
- Emurich, Albert D., and W. Todd, to the United States of America as represented by the Secretary of the Army. Radiosonde transmitter housing. 2,730,623, 1-10-56, Cl. 250-36.
- Enabnit, Robert S., to The Goodyear Tire & Rubber Co. Apparatus for analyzing the dynamic deflection of tires. 2,764,018, 9-25-56, Cl. 73-67.
- Enderlin, Ernst, to Weber A. G. Motor protector switch. 2,766,352, 10-9-56, Cl. 200-116.
- Enders, August, Aktiengesellschaft: See—  
 Scheuermann, Albert. 2,771,196.
- Enders, Robert P. Cigarette receptacle and ash tray. 2,756,895, 7-31-56, Cl. 220-18.
- Enders, William C., to S. N. Goldman. Nesting type luggage carts. 2,764,419, 9-25-56, Cl. 280-33.99.
- Endicott Johnson Corp.: See—  
 Shultz, Edward L. 2,738,600.  
 Shultz, Edward L. 2,740,209.
- Endlich, Friedrich, and W. Hußbauer, to Hartmann & Braun Aktiengesellschaft. Moving coil instrument with stretched strip suspension. 2,751,524, 6-19-56, Cl. 317-168.
- Endo, Frank S.: See—  
 Steinberg, Albert E., and Endo. 2,774,011.
- Endo Laboratories, Inc.: See—  
 Schlesinger, Albert. 2,766,252.  
 Schoen, Karl. 2,755,221.
- Endres, Elva A. Dust jacket for books or the like. 2,752,171, 6-26-56, Cl. 281-20.
- Endres, Alfred J., and F. Paiva. Soap holder and saver. 2,770,071, 11-13-56, Cl. 45-28.
- Endres, Richard O.: See—  
 Grosdoff, Igor E., and Endres. 2,754,362.  
 Grosdoff, Igor E., and Endres. 2,754,376.  
 Moore, Raymond P., Jr., and Endres. 2,750,510.  
 Radchman, Jan A., Stuart-Williams, and Endres. 2,760,153.
- Endres, Richard O., to Radio Co. of America. Pulse generators. 2,750,509, 6-12-56, Cl. 250-36.
- Endresen, Ernst. Back support for chairs, car seats, and the like. 2,756,809, 7-31-56, Cl. 155-182.
- Endter, Waldemar A. Latch device. 2,758,860, 8-14-56, Cl. 292-32.
- Endter, Waldemar A. Latching mechanisms. 2,758,862, 8-14-56, Cl. 292-165.
- Enerud, Olaf C. Indicators for gate valves of the non-rising stem type. 2,758,004, 10-30-56, Cl. 118-125.
- Engberg, Axel O., to Aktiebolaget Elektrolux. Structure for seating vacuum cleaner cover. 2,773,557, 12-11-56, Cl. 183-51.
- Engbreitson, E. F.: See—  
 Hoffmann, Albert. 2,732,029.
- Engel, Anton. Implement for lifting and transplanting plants. 2,729,493, 1-3-56, Cl. 294-50.8.
- Engel, David. Insulated hollow building panel. 2,770,965, 11-20-56, Cl. 72-41.
- Engel, Friedrich W. A. E., to Electroflo Meters Co. Ltd. Automatic flowmeter apparatus having a derivative action responsive to a rate of change. 2,775,253, 12-25-56, Cl. 137-82.
- Engel, J. Anthony, to The Murray Corporation of America. Laundry dryers. 2,736,970, 3-6-56, Cl. 34-45.
- Engel, J. Anthony, to The Murray Corp. of America. Dryers. 2,737,729, 3-13-56, Cl. 34-133.
- Engel, J. Anthony, to The Murray Corp. of America. Lint collector for laundry driers. 2,753,952, 7-10-56, Cl. 183-62.
- Engel, James S.: See—  
 Engel, Gus, and Engel. 2,762,045.
- Engel, John H. Method of producing deep-drawn shapes in sheet metal. 2,735,390, 2-21-56, Cl. 113-51.
- Engel, John H. Controlled pressure metal forming apparatus. 2,749,867, 6-12-56, Cl. 113-44.
- Engel, Marvin J., O. D. Hoopes, and J. B. Sillery, to the United States of America as represented by the Secretary of the Army. Multi-leaf torsion spring for closing a breechlock. 2,756,635, 7-31-56, Cl. 89-17.
- Engel, Raymond L.: See—  
 Steffen, Junior E., and Engel. 2,756,859.
- Engel, Wendell A. Irrigating machine. 2,750,228, 6-12-56, Cl. 299-47.
- Engel, William H., 25% to I. M. Jones. Cut-off mechanism. 2,768,692, 10-30-56, Cl. 164-220.
- Engel, William R., ½ to D. H. Hedges and ½ to K. G. Reilly. Fishing reel. 2,765,990, 10-9-56, Cl. 242-84.5.
- Engel, Richard: See—  
 Ruhnau, Richard, Weides, and Engelzale. 2,732,756.
- Engelhard, William E. Switch control device. 2,733,387, 1-31-56, Cl. 317-132.
- Engelhard, William E. Sealed annealing apparatus. 2,744,745, 5-8-56, Cl. 266-5.
- Engelhardt, Edward L.: See—  
 Miller, Charles S., Engelhardt, and Gordon. 2,753,347.  
 Miller, Charles S., Engelhardt, and Gordon. 2,753,348.  
 Miller, Charles S., Engelhardt, and Gordon. 2,773,872.  
 Sprague, James M., and Engelhardt. 2,775,608.

- Engelhardt, Vaughn A., and W. J. Middleton, to E. I. du Pont de Nemours and Co. Acyclic, polynitrile-containing, sulfonalkoxyethenolates and their preparation. 2,766,270, 10-5-56, Cl. 260-465.
- Engelhart, George K., to Fuller Co. Method and apparatus for preheating kiln feeds. 2,733,909, 2-7-56, Cl. 263-32.
- Engelmann, Helmuth W. Means for generating high speed cams. 2,748,542, 6-5-56, Cl. 51-101.
- Engelmann, Herbert F.: *See*—  
Goldstein, Ladislav, and Engelmann. 2,773,243.
- Grieg, Donald D., and Engelmann. 2,751,558.
- Engelmann, Herbert F., to International Telephone and Telegraph Corp. Radio frequency coupling devices. 2,755,447, 7-17-56, Cl. 333-24.
- Engelmann, Herbert F., to International Telephone and Telegraph Corp. Microwave filters. 2,760,169, 8-21-56, Cl. 333-73.
- Engelmann, Herbert F., to International Telephone and Telegraph Corp. Phase shifter. 2,773,254, 12-4-56, Cl. 343-100.
- Engelmann, Herbert F., and J. A. Kostriza, to International Telephone and Telegraph Corp. Crystal holder. 2,734,170, 2-7-56, Cl. 333-6.
- Engelmann, Herbert F., and J. A. Kostriza, to International Telephone and Telegraph Corp. Microwave coupling arrangements. 2,749,521, 6-1-56, Cl. 333-11.
- Engelmann, Herbert F., to Thompson Products, Inc. Valve lifter. 2,732,832, 1-31-56, Cl. 123-90.
- Engemann, Herbert H. Valve rotating device. 2,767,696, 10-23-56, Cl. 123-90.
- Engert, Caspar F., to Poster Products, Inc. Supporting device. 2,765,998, 10-9-56, Cl. 248-29.
- Engelhauser Mfg. Co., Inc.: *See*—  
Engelhauser, Winford L. 2,754,705.
- Engelhauser, Winford L., to Engelhauser Mfg. Co., Inc. Pipe closing apparatus. 2,754,705, 7-17-56, Cl. 78-89.
- Engelhardt, Richard K.: *See*—  
Hoff, Henry E., and Engelhardt. 2,733,835.
- Engineered Products Co., The: *See*—  
Coney, Charles S., Saxton, and Stuerzl. 2,770,003.
- Engineering Development Co., Inc. The: *See*—  
Wagner, George P. 2,733,646.
- Engineering Service: *See*—  
Jewell, William E., Jr. 2,767,990.
- Engine Life Products Corp.: *See*—  
Wallace, James E. 2,760,642.
- Engine Parts Mfr. Co., The: *See*—  
Irvine, Herbert L. 2,734,773.
- Rogers, Edmund. 2,738,665.
- Rogers, Edmund. 2,739,953.
- Stetz, Robert J., and Rogers. 2,731,436.
- England, David C.: *See*—  
Donaruma, Lorraine G., and England. 2,769,807.
- England, David C., to E. I. du Pont de Nemours and Co. Polyamides containing tertiary aminomethyl groups. 2,765,294, 10-2-56, Cl. 260-78.
- England, David C., to E. I. du Pont de Nemours and Co. 2-dialkylaminomethyl-5-methyl-1,6-hexane diamines and related compounds. 2,765,306, 10-2-56, Cl. 260-247.5.
- England, David C., to E. I. du Pont de Nemours and Co. Polyfluoro-ethers of oximes and preparation thereof. 2,770,652, 11-13-56, Cl. 260-566.
- England, David C., and G. V. Mock, to E. I. du Pont de Nemours & Co. Preparation of nitriles. 2,736,739, 2-28-56, Cl. 260-465.
- England, Kenneth W. Combination brake and throttle actuator for vehicles. 2,738,862, 8-20-56, Cl. 192-3.
- England, Theodore L., to Fulford Mfg. Co. Clasp. 2,750,642, 6-19-56, Cl. 24-153.
- Englander Co., Inc. The: *See*—  
Koenigsberg, Max. 2,766,816.
- Wetzler, Justin J. 2,773,271.
- Engle, Charles J., to Phillips Petroleum Co. Drilling fluids and methods of using same. 2,759,890, 8-21-56, Cl. 252-8.5.
- Engle, Charles J., to Phillips Petroleum Co. Oil-base drilling fluids and methods of drilling with same. 2,764,546, 9-25-56, Cl. 252-8.5.
- Engle, John B. Holder for disc saws and the like. 2,774,258, 12-18-56, Cl. 76-79.
- Engelhart, Oscar D., to Pittsburgh Plate Glass Co. Mounting strip for single panel. 2,761,535, 9-4-56, Cl. 189-78.
- Englehart, Oscar D., and W. S. Bobel, to Pittsburgh Plate Glass Co. Multiple glazed unit for test chambers. 2,741,809, 4-17-56, Cl. 20-56.5.
- Englehart, Oscar D., and W. S. Bobel, to Pittsburgh Plate Glass Co. Multiple glazed flexible spacer units. 2,746,102, 5-22-56, Cl. 20-56.5.
- Engler, John W. Putting guide. 2,754,125, 7-10-56, Cl. 273-192.
- Englert, Ralph A.: *See*—  
Cleveland, Burton L., Englert, and Larson. 2,744,372.
- Englert, Robert D., and L. M. Richards, to Tallow Research, Inc. Oxidation of fatty acids. 2,773,094, 12-4-56, Cl. 260-537.
- Englert, Robert D., and L. M. Richards, to Tallow Research, Inc. Production of dibasic acids. 2,773,095, 12-4-56, Cl. 260-537.
- Engleson, Harry E., and E. A. Hartbauer, to F. B. Redington Co. Detector mechanism for a packaging machine. 2,746,222, 5-22-56, Cl. 53-75.
- Engleson, Harry E., and E. D. Sramek, to F. B. Redington Co. Conveyor. 2,746,593, 5-22-56, Cl. 198-140.
- Engleson, Harry E., and E. D. Sramek, to F. B. Redington Co. Endless conveyor. 2,746,594, 5-22-56, Cl. 198-151.
- English, Albert C.: *See*—  
Colleran, Paul J., English, and Mulski. 2,756,374.
- English, Albert C., and J. B. Seabrook, to General Electric Co. Method of making P-N junction semi-conductor units. 2,765,245, 10-2-56, Cl. 148-1.5.
- English, Arthur R., to Chas. Pfizer & Co., Inc. Antibiotic compositions comprising oxytetracycline and carbomycin. 2,751,324, 6-19-56, Cl. 187-85.
- English Electric Co. Ltd. The: *See*—  
Barrett, John L., Latoszynski, Morris, and Frankel. 2,750,738.
- Deriaz, Paul. 2,751,187.
- Deriaz, Paul. 2,751,190.
- Hughes, John O. P. 2,740,272.
- Hughes, John O. P. 2,746,273.
- Hughes, John O. P., and Starmar. 2,767,546.
- Hughes, John O. P., and Starmar. 2,767,739.
- Kerensky, Gleb. 2,742,324.
- Morgan, John W. H. 2,754,441.
- Noble, John M. 2,734,710.
- Seewer, Paul W. 2,742,055.
- Taylor, George H. 2,753,623.
- Warrington, Albert R. V. 2,761,999.
- Robert J., and an Millingen. 2,731,798.
- English Electric Valve Co. Ltd.: *See*—  
Aisenstein, Simon, Thompson, and Esterson. 2,733,378.
- Cooke, Arthur H., Skinner, and Ward. 2,738,418.
- Sixsmith, Herbert. 2,774,914.
- Young, Arthur J. 2,766,396.
- English, Harvey W. Adjustable holding floor vise. 2,763,302, 9-18-56, Cl. 144-296.
- English, Herdis G., to Borg-Warner Corp. Hydraulic controls for transmissions. 2,757,552, 8-7-56, Cl. 74-472.
- English, Herdis G., to Borg-Warner Corp. Friction element and method of making the same. 2,775,323, 12-25-56, Cl. 189-284.
- English, Herdis G., V. J. Jandasek, and D. C. Gillespie, to Borg-Warner Corp. Hydrodynamic coupling. 2,745,354, 5-15-56, Cl. 103-115.
- English, Jackson P.: *See*—  
Clark, Joe H., and English. 2,769,821.
- English, Jackson P., and R. C. Clapp, to American Cyanamid Co. Certain new 1,4-naphthoquinoneimines and methods of preparing the same. 2,769,820, 11-6-56, Cl. 260-396.
- English, James F., Jr., and A. J. Hornfeck, to Bailey Meter Co. Servo system, including electrical inverter circuit. 2,744,223, 5-1-56, Cl. 318-29.
- English, John A. Injection molding equipment. 2,733,479, 2-7-56, Cl. 18-42.
- English, John R.: *See*—  
Adams, Cecil E., and English. 2,762,312.
- English, John R., and S. Nordgren, to Vibro-Plus Corp. Rotary vibrator with a rolling eccentric mass. 2,750,160, 6-12-56, Cl. 259-1.
- Engmann, Felix: *See*—  
Dubois, Franz, and Engmann. 2,775,016.
- Engstrand, Gunnar C., to Frederic R. Harris, Inc. Floating pressure. 2,740,367, 4-3-56, Cl. 114-45.
- Engstrom, Carl F., and I. A. de Sostoa, to United States Rubber Co. Treatment of cellulosic fibers. 2,739,091, 3-20-56, Cl. 154-90.
- Engstrom, Paul A., to Gray Marine Motor Co. Induction system for internal combustion engine. 2,767,699, 10-23-56, Cl. 23-122.
- Engstrom, William A., to Continental Motors Corp. Water pump for internal combustion engine. 2,764,096, 9-25-56, Cl. 103-3.
- Engstrum, Kathleen B. Apparatus for dispensing under pressure. 2,774,628, 12-18-56, Cl. 299-95.
- Engvall, Earl H. Weighing and bagging machine. 2,775,425, 12-25-56, Cl. 249-46.
- Enison, Morton. Ventrioloquist's doll. 2,771,708, 11-27-56, Cl. 46-154.
- Enlender, Elmer L. F. Shock absorber. 2,744,747, 5-8-56, Cl. 267-1.
- Enna Ltd.: *See*—  
Lien, Knut M. 2,745,679.
- Ennever, Harry H. Outdoor display. 2,746,187, 5-22-56, Cl. 40-255.
- Ennis, Arthur S., to General Electric Co. Electric transformers and like apparatus. 2,734,096, 2-7-56, Cl. 174-15.
- Ennis, Joseph F.: *See*—  
McDonough, Will D., and Ennis. 2,765,037.
- Ennok, Mrs. Anna: *See*—  
Leht, August. 2,733,996.
- Enns, John H., to Leeds and Northrup Co. Spectrometer system with receiver for reference band illumination. 2,734,418, 2-14-56, Cl. 88-14.
- Enock, Arthur G., to Graham-Enock Mfg. Co. Ltd. Bottle crating and decrating machines. 2,730,279, 1-10-56, Cl. 226-14.
- Enoksson, Bertil P., to Nitroglycerin Aktiebolaget. Method of processing acid nitrated organic products. 2,736,742, 2-28-56, Cl. 260-467.
- Enos, Herman I., Jr., to Hercules Powder Co. Preparation of m- and p-cymene mixture by isomerization of cymene. 2,744,149, 5-1-56, Cl. 260-868.
- Enos, Herman I., Jr., to Hercules Powder Co. Preparation of m- and p-disopropylbenzene. 2,744,150, 5-1-56, Cl. 260-871.



- Enos, Herman I., Jr., to Hercules Powder Co. Oxidation of saturated cyclic hydrocarbons to hydroperoxides. 2,751,417, 6-19-56, Cl. 260—610.
- Enos, Herman I., Jr., to Hercules Powder Co. Catalytic oxidation of hydrocarbons to hydroperoxides. 2,751,418, 6-19-56, Cl. 260—610.
- Enos, John P., to The Singer Mfg. Co. Bobbin-thread cases. 2,748,408, 4-1-56, Cl. 112—229.
- Enos, John P., to The Singer Mfg. Co. Alternating presser-devices for sewing machines. 2,742,009, 4-17-56, Cl. 112—235.
- Enos, John P., to The Singer Mfg. Co. Thread-severing devices for sewing machines. 2,747,533, 5-29-56, Cl. 112—252.
- Enos, John P., to The Singer Mfg. Co. Anti-flagging devices for work-jogging attachments. 2,760,453, 8-28-56, Cl. 112—77.
- Enright, Donald J., to Bell Telephone Laboratories, Inc. Apparatus for zero-setting direct-current amplifiers. 2,754,374, 7-10-56, Cl. 179—171.
- Enriquez, Elmo G. Automatic end gate control for dump trucks. 2,767,017, 10-16-56, Cl. 298—23.
- Ensign Carburetor Co.: See—
- Ensign, Roy F.: See—
- Ensign, Roy F. 2,754,186.
- Ensign, George G., to Elgin National Watch Co. Voltaic cell cathode and art of making the same. 2,772,321, 11-27-56, Cl. 136—120.
- Ensign, George G., G. T. Soper, and O. Lundahl, to Elgin National Watch Co. Powder take-off device, particularly for timepieces. 2,757,545, 8-7-56, Cl. 74—88.
- Ensign, George G., G. T. Soper, and O. Lundahl, to Elgin National Watch Co. Pawl and ratchet mechanism. 2,757,555, 8-7-56, Cl. 74—575.
- Ensign Ribbon Burners, Inc.: See—
- Wildermann, Otto. 2,747,658.
- Ensign, Roy F., to Ensign Carburetor Co. Controlled gaseous fuel feed system for internal combustion engines. 2,754,185, 7-10-56, Cl. 48—184.
- Ensign, Roy F., to Ensign Carburetor Co. Controlled gaseous fuel feed system for internal combustion engines. 2,754,186, 7-10-56, Cl. 48—184.
- Ensinger, Chester B.: See—
- Blevins, George A., and Ensinger. 2,730,373.
- Ensinger, Willis B., to the United States of America as represented by the Secretary of the Navy. Electrical connector. 2,741,748, 4-10-56, Cl. 339—151.
- Ensink, Johannes, to Hartford National Bank and Trust Co., trustee. Developing electrical oscillation. 2,752,497, 6-26-56, Cl. 250—36.
- Ensink, Johannes, to Hartford National Bank and Trust Co., trustee. Single sideband carrier-wave telephone system. 2,775,647, 12-25-56, Cl. 279—15.
- Ensink, Johannes, and W. Hermes, to Hartford National Bank and Trust Co., as trustee. Oscillator circuit-arrangement. 2,760,073, 8-21-56, Cl. 250—36.
- Enslein, Arthur W.: See—
- Martin, Raymond F., Jr., and Enslein. 2,741,031.
- Eusminger, Clarence W.: See—
- Berner, Harry M., Johnson, Eusminger, and Savke. 2,733,110.
- Ensle, Arthur B. Machine for spraying objects of irregular outline. 2,754,795, 7-17-56, Cl. 118—2.
- Enterprise Mfg. Co.: See—
- Burns, Robert M. 2,760,357.
- Sarah, Thomas F. 2,755,037.
- Sarah, Thomas F. 2,766,956.
- Enterprise Railway Equipment Co.: See—
- Dath, George E. 2,745,563.
- Dath, George E. 2,751,859.
- Dath, George E. 2,751,860.
- Dorey, George B. 2,730,965.
- Dorey, George B. 2,730,966.
- Dorey, George B. 2,733,669.
- Dorey, George B. 2,738,734.
- Dorey, George B. 2,738,736.
- Dorey, George B. 2,738,737.
- Dorey, George B. 2,738,739.
- Dorey, George B. 2,738,740.
- Dorey, George B. 2,741,192.
- Dorey, George B. 2,741,194.
- Dorey, George B. 2,742,770.
- Dorey, George B. 2,749,851.
- Dorey, George B. 2,750,074.
- Dorey, George B. 2,751,862.
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- Zimmer, Albert E. 2,738,735.
- Zimmer, Albert E. 2,738,737.
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- Entron, Inc.: See—
- Edlen, George G., and Diambra. 2,761,110.
- Entwistle, James J., Co.: See—
- Borgeson, Sidney E. 2,745,377.
- Nelson, Alden W. 2,730,987.
- Nelson, Alden W. 2,751,733.
- Entwistle, John E., to Harvard Mfg. Co. Bedframe having mobile bookcase headboards. 2,734,202, 2-14-56, Cl. 5—53.
- Entz, Gerhard B. Apparatus for positioning stone slabs with respect to stone cutting machines. 2,755,789, 7-24-56, Cl. 125—23.
- Entz, Gerhard B. Stone cutting machine. 2,762,359, 9-11-56, Cl. 125—23.
- Entz, Gerhard B. Mechanism for raising and lowering frames of trailers with respect to ground wheels thereof. 2,762,631, 9-11-56, Cl. 280—44.
- Envoldsen, Karl C. Shrimp holder. 2,734,766, 2-14-56, Cl. 294—25.
- Enyart, Roy B., to Goodman Mfg. Co. Motor bearing support on axle. 2,742,864, 4-24-56, Cl. 105—136.
- Enyeart, Harold F.: See—
- Kaatz, Herbert W., and Enyeart. 2,743,673.
- Enzmann, Ralph, and W. H. Barrett, to Minnesota and Ontario Paper Co. Roller speed indicating means for paper coating machines. 2,744,492, 5-8-56, Cl. 118—10.
- Enzyrics, Inc.: See—
- Le Menze, Elmer H. 2,738,274.
- Eolkin, Dave: See—
- Hawk, Le Roy R., and Eolkin. 2,753,269.
- Eolkin, Dave, to Gerber Products Co. Method and apparatus for filling containers. 2,759,307, 8-21-56, Cl. 53—11.
- Epelboin, Izrael: See—
- Darmois, Emile E., and Epelboin. 2,752,304.
- Ephland, Charles R., to Patentex, Inc. Manufacture of crepe yarns and fabrics from nylon. 2,771,660, 11-27-56, Cl. 28—76.
- Ephron, Walter. Collapsible dispensing tube. 2,729,361, 1-3-56, Cl. 222—92.
- Epler, Ernest E. Full flow valve having a retractable and swinging plunger. 2,763,460, 9-18-56, Cl. 251—218.
- Epoch Products Corp.: See—
- Pitcoff, Robert. 2,769,491.
- Eppensteiner, John W. Portable hand tool. 2,729,424, 1-3-56, Cl. 254—134.3.
- Eppe, Heinrich K., to Irving Air Chute Co., Inc. Parachute canopy construction. 2,733,028, 1-31-56, Cl. 244—143.
- Eppler, Andrew, Jr.: See—
- Epstein, Theodore P., Eppler, and Jarvis. 2,735,117.
- Eppler, Clifford R., to the United States of America as represented by the Secretary of the Navy. Elastic fluid machine. 2,741,454, 4-10-56, Cl. 253—39.
- Epprech, Edward H., to American Instrument Co., Inc. Gas-liquid mixing apparatus. 2,743,914, 5-1-56, Cl. 261—87.
- Eppestein, Samuel H., and H. M. Leigh, to The Upjohn Co. Process for the production of 17 $\beta$ -acetoxy-androstane-3 $\beta$ -dione. 2,742,486, 4-17-56, Cl. 260—397.4.
- Eppestein, Samuel H., and H. M. Leigh, to The Upjohn Co. Recovery of oxygenated steroids from aqueous fermentation. 2,759,004, 8-14-56, Cl. 260—397.45.
- Epstein, Aaron, and M. Falck; said Falck assor. to said Epstein. Resinous fungicide. 2,759,908, 8-21-56, Cl. 260—29.3.
- Epstein, Arthur O.: See—
- Epstein, Herbert S. 2,766,042.
- Epstein, David W., to Radio Corp. of America. Schmidt television projector arrangement. 2,756,415, 7-24-56, Cl. 340—370.
- Epstein, David W., to Radio Corp. of America. Color kinescopes and methods of making same. 2,767,457, 10-23-56, Cl. 271—10.
- Epstein, Henry D., to Metals & Controls Corp. Thermostatic switch. 2,743,333, 4-24-56, Cl. 200—138.
- Epstein, Herbert S., 33 $\frac{1}{3}$ % to A. O. Epstein and 33 $\frac{1}{3}$ % to M. Dinner. Feed mechanism. 2,766,042, 10-9-56, Cl. 271—10.
- Epstein, Herman. Combination can opener and bottle opener. 2,734,204, 2-14-56, Cl. 7—14.25.
- Epstein, Herman. Hand weaving devices. 2,756,780, 7-31-56, Cl. 139—30.
- Epstein, Joshua, to Acme Copper-smithing and Machine Co. Filtering tanks and discharge valves therefor. 2,753,048, 7-3-56, Cl. 210—149.
- Epstein, Norman N., to Lenkurt Electric Co., Inc. Multiple frequency generator. 2,735,013, 2-14-56, Cl. 250—36.
- Epstein, Samuel I. Film washing and drying apparatus. 2,765,716, 7-24-56, Cl. 95—89.
- Epstein, Saul: See—
- Statham, Louis D., and Epstein. 2,753,469.
- Epstein, Saul. Plate spacer for vent pipe. 2,751,652, 6-26-56, Cl. 24—73.
- Epstein, Solomon, C. F. Fuchs, and M. M. Gladstone, to Emul-sol Chemical Corp. Hair shampoo. 2,733,212, 1-31-56, Cl. 232—117.
- Epstein, Stanley H. Collapsible umbrella. 2,747,592, 5-29-56, Cl. 135—20.
- Epsztajn, Bernard: See—
- Dobler, Oscar, and Epsztajn. 2,730,678.
- Equipment Engineers, Inc.: See—
- Krebs, Kellogg. 2,731,147.
- Equitable Paper Bag Co., Inc.: See—
- Poppe, George W. 2,756,923.
- Eranosian, John. Air conditioning unit. 2,771,283, 11-20-56, Cl. 261—80.
- Brasnum, Hendrik D., and W. D. Forgeng, to Union Carbide and Carbon Corp. Silicon nitride. 2,750,268, 6-12-56, Cl. 51—307.
- Erath, Louis W., P. E. Madeley, and P. W. Geery, to South-western Industrial Electronics Co. Automatic volume control. 2,772,388, 11-27-56, Cl. 323—24.

- Erant, Harold K. Food service tray. 2,772,934, 12-4-56, Cl. 311-21.
- Erb, Clarence F. Control apparatus for extrusion presses and the like. 2,775,015, 12-25-56, Cl. 25-16.
- Erba, Carbo, S. P.: *See* Logemann, Willy.
- Erbal, Frank R., to A. C. F. Industries, Inc. Tube socket. 2,757,349, 7-31-56, Cl. 339-64.
- Erbe, John R., to Westinghouse Electric Corp. Remote control system with automatic follow-up. 2,769,124, 10-30-56, Cl. 318-29.
- Erbguth, Paul F. K. Flower holder. 2,747,333, 5-29-56, Cl. 47-41.
- Erbs, Hocken C. Foam generating cleaning device. 2,735,125, 5-25-56, Cl. 15-331.
- Erbach, Michael, Jr. and R. J. Blazek, to Allied Chemical & Dye Corp. Emulsifiable polyethylene waxes and preparation thereof. 2,766,214, 10-9-56, Cl. 260-29.6.
- Erbach, Michael, Jr., and R. J. Blazek, to Allied Chemical & Dye Corp. Low temperature polymerization process and composition. 2,775,579, 12-25-56, Cl. 260-58.7.
- Erick, Louis J., to The Cleveland-Cliffs Iron Co. Method of concentrating ores. 2,744,627, 5-8-56, Cl. 209-172.5.
- Ercoli, Alberto, and P. de Ruggieri, to Francesco Vismara Società per Azioni, and Alberto Ercoli. Method for the preparation of dihydrotestosterone and its esters. 2,734,066, 5-26-56, Cl. 260-397.4.
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- Erdahl, Nicholas A., to Caterpillar Tractor Co. Interlock mechanism. 2,773,573, 12-11-56, Cl. 192-4.
- Erdeo Engineering Corp.: *See* Mittelman, Eugene.
- Erdman, Eugene. 2,734,380.
- Erdman, Donald C., to Electrocrucits Inc. Apparatus for coupling transonic waves. 2,751,783, 8-26-56, Cl. 72-67.
- Erdman, Donald C. and G. B. Greene, to Electrocrucits Inc. Automatic positioning device. 2,743,429, 4-24-56, Cl. 340-1.
- Erdman, Donald D. Handle reel. 2,753,131, 7-3-56, Cl. 242-96.
- Erdman, Hans, to Walde Kohinoor, Inc. Dispensers for retaining rings. 2,735,581, 2-21-56, Cl. 221-220.
- Erdmann, Hans, to Walde Kohinoor, Inc. Sliders for slide fasteners. 2,737,699, 3-13-56, Cl. 24-205.14.
- Erickson, Arthur B., and J. R. Palmer, to The Borden Co. Method of packaging cheese. 2,768,085, 10-23-56, Cl. 99-178.
- Ergas, Isaac: *See* Levy, Joseph P.
- Levy, Joseph P. 2,745,089.
- Erhardt, John E., Jr., to Crown Cork & Seal Co., Inc. Current collector for rotary shaft of electroplating apparatus. 2,773,247, 12-4-56, Cl. 339-5.
- Erhardt, John E., Jr. and A. R. Grimes, to Crown Cork & Seal Co., Inc. Anode connector for electroplating lines. 2,770,793, 11-13-56, Cl. 339-272.
- Erhardt, Louis, and T. Temple, to Century Lighting, Inc. Lighting dimmers. 2,735,929, 2-21-56, Cl. 240-46.13.
- Ericksen, Walter P., to The Upson Co. Method of applying a decorative coating to a surface. 2,768,093, 10-23-56, Cl. 117-45.
- Ericksen, Homer T. Saw truing and setting device. 2,766,642, 10-10-56, Cl. 76-70.
- Ericksen, Anton F.: *See* Luechauer, Holle C.
- Luechauer, Holle C., and Ericksen. 2,739,117.
- Ericksen, Arthur C. Pie dish. 2,734,449, 2-14-56, Cl. 99-428.
- Ericksen, Carl: *See* Erickson, Lewis C.
- Erickson, Lewis C. 2,743,813.
- Erickson, Carl A. Fishing device. 2,753,647, 7-10-56, Cl. 43-27.2.
- Ericksen, Charles E.: *See* Wagner, George H., and Erickson.
- Wagner, George H., and Erickson. 2,731,485.
- Erickson, Charles E., and G. H. Wagner, to Union Carbide and Carbon Corp. Disproportionation of alkoxy silane derivatives. 2,735,861, 2-21-56, Cl. 260-448.8.
- Erickson, Charles J. and C. R. Duck hunter's boat. 2,747,204, 5-29-56, Cl. 9-5.
- Erickson, Charles R.: *See* Erickson, Charles J. and C. R.
- Erickson, Charles J. and C. R. 2,747,204.
- Erickson, Charlotte and L. G. Artificial tree and method of making. 2,731,752, 1-24-56, Cl. 41-15.
- Erickson, Clifford G. Motive unit for toy wheeled vehicles. 2,741,873, 4-17-56, Cl. 46-206.
- Erickson, Donald R. Manufacture of paper containing hydroxyethyl cellulose. 2,736,653, 2-29-56, Cl. 92-21.
- Erickson, Donald R. Method of precipitating and forming hydroxy alkyl cellulose into films. 2,763,030, 9-18-56, Cl. 18-57.
- Erickson, Earl A. Polish remover. 2,771,621, 11-27-56, Cl. 5-21.
- Erickson, Francis L.: *See* North, Edwin W., and Erickson.
- North, Edwin W., and Erickson. 2,739,472.
- Erickson, Gilbert O.: *See* Martin, Lewis C., Moffett, and Erickson.
- Martin, Lewis C., Moffett, and Erickson. 2,745,557.
- Erickson, Harold W., and F. W. Hartzel, to The United Gas Improvement Co. Method of carrying out catalytic reactions. 2,759,805, 8-21-56, Cl. 48-196.
- Erickson, Harry. Float control switch. 2,762,882, 9-11-56, Cl. 200-84.
- Erickson, Helge V.: *See* Pakish, Anthony E., and Erickson.
- Pakish, Anthony E., and Erickson. 2,760,529.
- Erickson, Henry, to Sinclair Refining Co. Conversion of hydrocarbon oils with the use of a silica-magnesia cracking catalyst incorporated with a small amount of strontium. 2,731,397, 1-17-56, Cl. 196-52.
- Erickson, John A., to Viking Mfg. Co. Overrunning or one-way clutches of the one-way engaging detent type. 2,755,899, 7-24-56, Cl. 192-45.
- Erickson, John A., to Viking Mfg. Co. Adjustable portable erector. 2,747,591, 8-21-56, Cl. 198-122.
- Erickson, John G., to General Mills, Inc. N,N-dialkylthiamorpholine chlorides, their monoxides and dioxides. 2,729,638, 1-3-56, Cl. 260-243.
- Erickson, John G., to General Mills, Inc. N,N-di fatty pyrrolidinium halides. 2,748,143, 5-29-56, Cl. 260-313.
- Erickson, John G., to General Mills, Inc. Sulfomethyl fatty ureas and their preparation. 2,758,133, 8-7-56, Cl. 260-513.
- Erickson, John G., to General Mills, Inc. Bis-tertiary aminoalkoxy alkanes. 2,766,288, 10-9-56, Cl. 260-584.
- Erickson, John G., to General Mills, Inc. Bentonite-quaternary ammonium compound complexes and greases produced therefrom. 2,767,175, 10-16-56, Cl. 260-242.
- Erickson, John G., to General Mills, Inc. Organophilic bentonite and greases produced therefrom. 2,767,176, 10-16-56, Cl. 260-242.
- Erickson, John G., to General Mills, Inc. Complexes of bentonite, polyamine and monoquaternary ammonium compounds. 2,767,177, 10-16-56, Cl. 260-242.
- Erickson, John G., to General Mills, Inc. Bentonite complexes and greases derived therefrom. 2,767,189, 10-16-56, Cl. 260-253.
- Erickson, John G., to General Mills, Inc. Clay soil improved by an alkylene polyamine. 2,768,089, 10-23-56, Cl. 106-287.
- Erickson, John G., to General Mills, Inc. Phosphoammonium surface active agents. 2,774,786, 12-18-56, Cl. 260-501.
- Erickson, John R., to Norton Co. Reinforced abrasive wheel and method of making same. 2,745,224, 5-15-56, Cl. 51-195.
- Erickson, Karl H., to American Cabinet Hardware Corp. Operator for windows with swinging sashes. 2,736,595, 2-29-56, Cl. 292-662.
- Erickson, Lars E., to Aircraft Radio Corp. Dual range dial. 2,739,303, 3-20-56, Cl. 340-282.
- Erickson, Leland: *See* Coggins, Archie W., and Erickson.
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- Erickson, Lennart G.: *See* Erickson, Charlotte and L. G.
- Erickson, Charlotte and L. G. 2,731,752.
- Erickson, Leonard. Readily repositionable slidable jaw wrench. 2,731,866, 1-24-56, Cl. 81-53.
- Erickson, Lester E.: *See* Erickson, Lewis C.
- Erickson, Lewis C. 2,743,813.
- Erickson, Lewis C., 25% to L. E. Erickson, 25% to C. Erickson, and 25% to C. Eisenberg. Materials separating means. 2,743,813, 5-1-56, Cl. 209-106.
- Erickson, Lowell H.: *See* Merrill, Marcellus S., and Erickson.
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- Erickson, Lowell H., to M. S. Merrill. Driving and braking mechanism for rotatable members. 2,758,487, 8-14-56, Cl. 74-472.
- Erickson, Lowell H., to M. S. Merrill. Control mechanism for a movable member. 2,761,323, 9-4-56, Cl. 74-141.5.
- Erickson, Reynold R.: *See* Nelson, Glenn L.
- Nelson, Glenn L. 2,764,460.
- Erickson Tool Co.: *See* Benjamin, Milton L., and S. S.
- Benjamin, Milton L., and S. S. 2,754,700.
- Benjamin, Milton L., and Winnen. 2,739,818.
- Erickson, Virgilus R.: *See* Broughton, Sidney H., and Erickson.
- Broughton, Sidney H., and Erickson. 2,773,259.
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- Erickson, Wallace A. & Co.: *See* Erickson, Wallace A., and Gowman.
- Erickson, Wallace A., and Gowman. 2,756,874.
- Erickson, Wallace A., and D. J. Gowman, to Wallace A. Erickson & Co. Compartmented bag and package. 2,756,874, 7-31-56, Cl. 204-47.
- Erickson, Warren E., to Gisholt Machine Co. Seal stripping and opening device. 2,747,769, 5-29-56, Cl. 221-225.
- Erickson, Warren E., to Gisholt Machine Co. Magnetic seal clamp. 2,752,030, 6-26-56, Cl. 198-211.
- Erico Products, Inc.: *See* Purke, Donald J.
- Purke, Donald J. 2,743,873.
- Burke, Donald J. 2,767,384.
- Erlson, Carl H., to General Electric Co. Overspeed device. 2,771,182, 5-29-56, Cl. 123-48.
- Erlson, Eric A., to General Electric Co. Mounted stop-nuts. 2,761,937, 9-4-56, Cl. 200-168.
- Erlson, Eric A., and R. N. Rowe, to General Electric Co. Overload releasing mechanism for automatic circuit breaker. 2,732,455, 1-24-56, Cl. 200-88.
- Erlson, George R., to ACF Industries, Inc. Treatment of welded structures. 2,766,517, 10-16-56, Cl. 29-480.
- Erlson, George R.; M. A. Erickson, executrix. Internal combustion engines. 2,770,224, 11-13-56, Cl. 123-48.
- Erlson, Mary A.: *See* Erickson, George R.
- Erickson, George R. 2,770,224.
- Erlsson, Eric A., and A. O. Jørgensen, to Telefonaktiebolaget L M Ericsson. Material for electric contacts. 2,733,319, 1-31-56, Cl. 200-166.



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- Erie Enameling Co., The: *See*—  
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- Erie Forge Co.: *See*—  
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- Erie Foundry Co.: *See*—  
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- Erie Mfg. Co.: *See*—  
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- Erie Meter Systems, Inc.: *See*—  
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- Erie Mining Co.: *See*—  
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- Erie Resistor Corp.: *See*—  
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- Erie Resistor Ltd.: *See*—  
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- Eriksen, Harald E. Dispensing closure for collapsible tube. 2,762,536, 9-11-56, Cl. 222-519.
- Eriksen, Leif H. Pipe cleaner. 2,739,702, 3-27-56, Cl. 206-56.
- Eriksen, Morten. Carburetion apparatus. 2,746,440, 5-22-56, Cl. 123-133.
- Erikson, Carl F., to Nathan Mfg. Corp. Pneumatic horn and support means therefor. 2,729,188, 1-3-56, Cl. 116-142.
- Erikson, Robert W., to Sundstrand Machine Tool Co. Fuel pump. 2,752,347, 5-26-56, Cl. 103-42.
- Erikson, Robert W., to Sundstrand Machine Tool Co. Air purging methods and apparatus for fluid pumps. 2,763,336, 9-18-56, Cl. 183-25.
- Eriksson, Dan I. B.: *See*—  
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- Eriksson, Sven A. Devices for mounting windows. 2,748,431, 6-5-56, Cl. 20-56,4.
- Erisman, Maurice J., to Link-Belt Co. Belt conveyor. 2,732,059, 1-24-56, Cl. 198-203.
- Erisman, Raymond, Jr. *See*—  
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- Erickila, Andrew, to Independent Lock Co. Narrow frame screen door latch. 2,770,481, 11-13-56, Cl. 292-169.
- Erland, Al Kleen, to Jet-Heet, Inc. Thermopump. 2,767,618, 8-7-56, Cl. 103-255.
- Erle, Donald Z.: *See*—  
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- Erle, Donald Z., to Bendix Aviation Corp. Flow-compensated pressure reducing valve. 2,755,815, 7-24-56, Cl. 137-484,2.
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- Ernestus, Adolph W., to A. O. Smith Corp. Bolted metal silo construction. 2,729,313, 1-3-56, Cl. 189-3.
- Ernst, Alfred. Apparatus for measuring hardness of metals. 2,742,781, 4-24-56, Cl. 73-83.
- Ernst, Charles W., to Brown & Bigelow. Platter and supporting handles. 2,767,565, 10-23-56, Cl. 65-15.
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- Ernst, Edward J. Dispenser. 2,747,772, 5-29-56, Cl. 222-100.
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- Ernst, Hans, to The Cincinnati Milling Machine Co. Cambering mechanism. 2,730,843, 1-17-56, Cl. 51-94.
- Ernst, Hans, to The Cincinnati Milling Machine Co. Centerless grinding machine and method. 2,730,845, 1-17-56, Cl. 51-103.
- Ernst, Hans., to The Cincinnati Milling Machine Co. Control mechanism for contouring machines. 2,752,827, 7-3-56, Cl. 90-13,5.
- Ernst, Hans, and H. Fritsch, to The Cincinnati Milling Machine Co. Cutter position compensating mechanism for profiling machines. 2,747,469, 5-29-56, Cl. 90-13.
- Ernst, John L., and R. M. Thomas, to Esso Research and Engineering Co. Process for preparing highly unsaturated copolymers of isobutylene. 2,739,141, 3-20-56, Cl. 260-85,3.
- Ernst, John L., and H. J. Rose, to Esso Research and Engineering Co. Polymerization process. 2,772,255, 11-27-56, Cl. 260-85,3.
- Ernst, Max. Drive-equipped toy aeroplane. 2,756,537, 7-31-56, Cl. 46-77.
- Ernst, Otto. Eye medicament package. 2,767,711, 10-23-56, Cl. 128-249.
- Ernst, Robert and G. D. Loeff, to Textilana Corp. Laundering compositions containing orthophosphoric acid esters. 2,758,093, 8-7-56, Cl. 252-152.
- Ernst, W. Arthur. Blending agitator for soft plastic foods. 2,772,679, 11-27-56, Cl. 259-134.
- Ernst, Walter, to The Thompson Grinder Co. Servo-motor valve. 2,730,074, 1-10-56, Cl. 121-41.
- Ernst, Walter, to The Commonwealth Engineering Co. of Ohio. Press platen stop block. 2,730,981, 1-17-56, Cl. 113-45.
- Ernst, Walter, to The Commonwealth Engineering Co. of Ohio. Press construction. 2,753,147, 7-17-56, Cl. 308-3.
- Ernst, Walter, and W. R. Horst, to The Commonwealth Engineering Co. of Ohio. Capsule weighing kit. 2,754,107, 7-10-56, Cl. 265-27.
- Ernst, Walter L., to University Engineering Co. Vaporization accelerator. 2,737,772, 3-6-56, Cl. 219-39.
- Ernstes, J. Howard: *See*—  
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- Eron, Alan H., to Sinclair Refining Co. Process and separation apparatus for use in the conversions of hydrocarbons. 2,759,877, 8-21-56, Cl. 169-52.
- Erig, William F., and E. S. De Hart, to Food Machinery and Chemical Corp. Circumferential tire tread slitting apparatus. 2,759,539, 8-21-56, Cl. 164-10,2.
- Erskine, Don M. Adjustable reclining chair. 2,738,833, 3-20-56, Cl. 155-152.
- Erskine, Robert A., to Vickers Inc. Power transmission. 2,755,741, 7-24-56, Cl. 103-42.
- Ersapner, Vittorio, A. Vercellone, and C. Pasini, to Farmaceutici Italia S. A. Process for preparing the choline ester of urocanic acid. 2,744,117, 5-1-56, Cl. 260-309.
- Ertsek, Olga. Girdle. 2,732,556, 1-31-56, Cl. 2-37.
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- Ertler, Karl J. Shoe polishing structures. 2,736,918, 3-6-56, Cl. 15-266.
- Ertsgard, Byron L., and H. F. Horner, Jr., to Toro Mfg. Corp. of Minnesota. Combined drive and throttle control. 2,759,522, 8-21-56, Cl. 74-45.
- Ertzman, William F., and F. J. Baumgarten, to Delta Nuclear Instrument Co. Phase-sensitive switch. 2,734,109, 2-7-56, Cl. 200-112.
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- Ervin, Evander M. Tobacco harvesting machines. 2,732,961, 1-31-56, Cl. 214-83,36.
- Ervin, Evander M. Machine for use in harvesting crops. 2,743,824, 5-1-56, Cl. 214-5,5.
- Ervin, Clyde T., and G. A. Jacoby, to The Mosler Safe Co. Ticket folding device for depository. 2,742,282, 4-17-56, Cl. 270-61.
- Ervine, Albert W. G., to Remington Arms Co., Inc. Work-piece orienting device. 2,759,631, 8-21-56, Cl. 221-173.
- Erving, Eric R. Traction grippers for non-skid tire chains. 2,740,449, 4-3-56, Cl. 152-239.
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- Erwin, Richard C., to Stauffer Chemical Co. Soil conditioner. 2,733,330, 12-11-56, Cl. 47-58.
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- Erwin, Robert L., to Ford Motor Co. Mounting for disc type soil working tools. 2,750,861, 6-19-56, Cl. 97-54.
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- Erwin, Wesley S., to General Motors Corp. Indicating apparatus. 2,739,284, 3-20-56, Cl. 324-61.
- Esarey, Bernard J.: *See*—  
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- Escande, Jean R. A. F.: *See*—  
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- Escher, Hans, to Australian Iron & Steel Ltd. Fluid mixing apparatus. 2,755,750, 7-24-56, Cl. 110-22.
- Escher Wyss Aktiengesellschaft: *See*—  
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- Eschner, Albert, Jr., to Hughes Aircraft Co. Multicontact electrical connector. 2,770,788, 11-13-56, Cl. 339-198.
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- Escoffery, Charles A., to International Rectifier Corp. Tellurium rectifier and method of making it. 2,740,925, 4-3-56, Cl. 317-241.
- Escoffery, Charles A., to International Telephone and Telegraph Corp. Selenium rectifiers. 2,758,265, 8-7-56, Cl. 317-241.
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- Eshelberg, John E., to General Motors Corp. Vacuum wound vehicle clock. 2,734,337, 2-14-56, Cl. 58-46.
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- Rhinehart, John R., and Eschrich. 2,733,961.
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- Essman, Eldon F., and Kascel. 2,749,725.
- Esken, Robert L., to The Sheffield Corp. Gauging device. 2,737,477, 10-23-56, Cl. 33-174.
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- Eukel, Warren W.: *See*—  
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- Euker, Edwin M., and J. F. Cook, to Chrysler Corp. Testing dynamometer for shock absorbers. 2,761,308, 9-4-56, Cl. 73—11.
- Euler, George M., to General Electric Co. Flow switch. 2,740,858, 4-3-56, Cl. 200—81.9.
- Euler, George M., to General Electric Co. Switch assembly. 2,752,461, 6-26-56, Cl. 200—153.
- Euler, George M., to General Electric Co. Switch structure. 2,760,014, 8-21-56, Cl. 200—5.
- Euler, George M., and J. L. Slonneger, to General Electric Co. Electrical thermal motor. 2,729,756, 1-3-56, Cl. 310—4.
- Eumuco A.-G. für Maschinenbau: *See*—  
Riemenschneider, Fritz. 2,737,066.
- Eureka Specialty Printing Co.: *See*—  
Schneider, Kurt R. 2,754,022.
- Eureka Williams Corp.: *See*—  
Witterell, Robert R. 2,755,848.
- Eurey, Noah W., to Excel Textile Supply Co. Truck with false movable bottom. 2,769,568, 11-6-56, Cl. 220—93.
- Eustis, Margaret T. Tensioning device for spectacle frames. 2,761,353, 7-3-56, Cl. 88—53.
- Eustis, Robert H.: *See*—  
Johnson, John A., and Eustis. 2,762,618.
- Eutectic Welding Alloys Corp.: *See*—  
Leston, Theodore I., and Kriewall. 2,738,053.
- Wasserman, Rene D. 2,761,792.
- Wasserman, Rene D. 2,761,796.
- Wasserman, Rene D., and Quaas. 2,731,373.
- Euwe, Gerrit E., to Lever Brothers Co. Proportioning pump. 2,755,739, 7-24-56, Cl. 103—9.
- Evalt, George J. Locking device for use with electrical plugs. 2,733,416, 1-31-56, Cl. 339—37.
- Evangelidi, Linda S. Flexible carrying container. 2,766,918, 10-16-56, Cl. 224—5.
- Evanoff, Harry, to Louis Marx & Co., Inc. Shopping indicator. 2,744,490, 5-8-56, Cl. 116—154.
- Evans, Andrew J., to E. A. Adams & Son, Inc. Spring clip type carrying with adjustable spring engaging cam. 2,764,881, 10-2-56, Cl. 63—14.
- Evans, Charles E.: *See*—  
Grayson, John R., and Evans. 2,757,074.
- Evans, Charles E. Lens grinding machine and method. 2,755,602, 7-24-56, Cl. 51—120.
- Evans, Charles S. Venetian blind. 2,732,011, 1-24-56, Cl. 160—173.
- Evans, Charles S. Plant tie. 2,757,483, 8-7-56, Cl. 47—47.
- Evans, Cyril R.: *See*—  
Cowan, John C., and Evans. 2,750,400.
- McKinney, Leonard L., Cowan, and Evans. 2,775,565.
- Evans, David L.: *See*—  
Goodwin, Vernon, Jr. 2,759,782.
- Evans, David L. Glare shield for spectacle lens. 2,759,394, 8-21-56, Cl. 168—41.
- Evans, David W., to General Electric Co. Insulating structures. 2,768,046, 10-23-56, Cl. 312—214.
- Evans, Edmond W., to Phillips Petroleum Co. Dehydration of liquefied petroleum gas. 2,735,271, 2-21-56, Cl. 62—1.
- Evans, Edward L. Easy launch boat trailer. 2,733,823, 2-25-56, Cl. 214—505.
- Evans, Ellis D. Spray device for the therapy and bathing of the perineal region of the human body. 2,753,570, 7-10-56, Cl. 4—7.
- Evans Enterprises, Inc.: *See*—  
Evans, Frederick H. 2,733,825.
- Evans, Frederick H. 2,744,639.
- Evans, Evan F., to Hercules Powder Co. Quaternary ammonium salts of aminoalkyl cellulose ethers. 2,768,162, 10-23-56, Cl. 280—231.
- Evans, Ford T.: *See*—  
Noble, Wiley B., Evans, and Goolsbee. 2,737,710.
- Evans, Forest B., to Hercules Powder Co. Continuous bleaching process. 2,772,138, 11-27-56, Cl. 8—156.
- Evans, Frank A.: *See*—  
Williams, Cyril R., Blowers, and Evans. 2,768,338.
- Evans, Frank N. Horse training bridle. 2,745,235, 5-15-56, Cl. 54—7.
- Evans, Fraser M., to C. A. V. Ltd. Liquid fuel pumps. 2,731,917, 1-24-56, Cl. 103—41.
- Evans, Frederick H., to Evans Enterprises, Inc. Vehicle parking apparatus. 2,733,555, 2-7-56, Cl. 214—672.
- Evans, Frederick H., to Evans Enterprises, Inc. Bloom turning apparatus. 2,744,639, 5-8-56, Cl. 214—1.
- Evans, Harold B.: *See*—  
Feder, Harold M., Larson, and Evans. 2,758,024.
- Evans, Jack, to Century Display Mfg. Co., Inc. Tote tray. 2,740,517, 5-8-56, Cl. 206—16.
- Evans, Jacques P. Predetermined torque release switch wrench. 2,733,622, 2-7-56, Cl. 81—52.4.
- Evans, James W.: *See*—  
Martellotti, Mario, and Evans. 2,773,968.
- Evans, James W., and G. E. Nelson, to America's Maize-Products Co. Stabilized starch slurries. 2,749,259, 6-5-56, Cl. 127—32.
- Evans, James W., and A. W. Kleinschmidt, to American Maize-Products Co. Method of stabilizing the flavor of essential oils and the resulting composition. 2,754,215, 7-10-56, Cl. 199—140.
- Evans, Jesse L., to General Motors Corp. Domestic appliance. 2,751,486, 6-19-56, Cl. 219—35.
- Evans, Jesse L., and C. J. Prashaw, to General Motors Corp. Illuminated oven. 2,758,197, 8-7-56, Cl. 240—5.
- Evans, John. Spring-biased, slidable inner jaw wrench. 2,750,827, 9-19-56, Cl. 97—25.
- Evans, John C., to the United States of America, as represented by the Secretary of the Navy. Reflex gunsight. 2,742,812, 4-24-56, Cl. 88—1.
- Evans, John G.: *See*—  
Cockett, Sydney R., Evans, and Landells. 2,774,690.
- Evans, Joseph C.: *See*—  
Evans, Joseph C., and Wedmore. 2,744,739.
- Evans, Joseph C., and H. S. Wedmore, to Joseph C. Evans. Beach sand cleaning device. 2,744,739, 5-8-56, Cl. 262—2.
- Evans, Leslie F. W. E. Ewers, and C. Simpson, to Commonwealth Scientific and Industrial Research Organization. Recovery of wool wax. 2,765,081, 10-2-56, Cl. 210—53.
- Evans, Llewellyn W., and W. Funk, to Rheem Mfg. Co. Article handling apparatus. 2,737,389, 3-6-56, Cl. 271—48.
- Evans, Louis A. Air cleaning attachment for vacuum cleaners. 2,739,693, 9-27-56, Cl. 81—27.
- Evans, Louis P., to Socony Mobil Oil Co., Inc. Gasoline preparation. 2,769,752, 11-6-56, Cl. 196—14.17.
- Evans, Louis P., and J. E. Penick, to Socony Mobil Oil Co., Inc. Catalytic hydrocarbon conversion process with the use of a moving bed at different temperature levels. 2,741,582, 4-10-56, Cl. 196—52.
- Evans, Nolan E., E. J. Hlinsky, and C. T. Ogden, to Goodman Mfg. Co. Boring type miner with adjustable cutter chains. 2,765,155, 10-2-56, Cl. 262—7.
- Evans, Norgut W.: *See*—  
Bellin, Richard H., Evans, Marks, and Saltman. 2,768,181.
- Evans, Owen T.: *See*—  
Parr, Ronald, and Evans. 2,746,000.
- Evans Products Co.: *See*—  
Fahland, Frank. Re. 24,118.
- Evans, Quentin J.: *See*—  
Miner, Richard Y., Evans, and Abt. 2,745,600.
- Miner, Richard Y., Evans, and Abt. 2,745,995.
- Evans, Ralph M., R. E. Stauffer, and H. C. Yutzky, to Eastman Kodak Co. Optically sensitized prescreened photographic material. 2,742,833, 4-24-56, Cl. 95—80.
- Evans, Robert. Tripod frame boat trailer. 2,774,612, 12-18-56, Cl. 280—414.



- Evans, Raymond B.: *See*—  
Kunze, Walter G., Evans, and Huebschmann. 2,772,178.
- Evans, Richard G.: *See*—  
Collins, Harry J., Jr., Evans, and Weston. 2,737,149.
- Evans, Robert P., to Sterilon Corp. Medical drainage apparatus. 2,763,266, 9-18-56, Cl. 128—350.
- Evans, Roy J.: *See*—  
Pierotti, Gino J., Keeler, Evans, and Vincent. 2,749,291.
- Evans, Roy T.: *See*—  
Bedell, Harold L., Evans, and Fry. 2,762,757.
- Evans, Seth, to Hughes Tool Co. Threaded oil well drill stem connection with the threads having included crest angle of 90 degrees. 2,772,899, 12-4-56, Cl. 285—333.
- Evans, Sidley O.: *See*—  
Edgecombe, David A., Evans, and Laposki. 2,749,782.
- Evans, Sidley O., to The Babcock & Wilcox Co. Charge-discharge mechanism for billet heating means. 2,739,799, 2-27-56, Cl. 138—6.
- Evans, Theodore W., and H. De V. Finch, to Shell Development Co. Drying of acrolein by extractive separation with glycerol. 2,767,216, 10-16-56, Cl. 260—601.
- Evans, Thomas M., to General Electric Co. Reactors and reactor connections. 2,769,934, 11-6-56, Cl. 323—81.
- Evans, Trevor L. Front seat crash bar. 2,746,767, 5-22-56, Cl. 280—150.
- Evans, William E., Jr.: *See*—  
Lynch, William M., and Evans. 2,745,005.
- Evans, William E., Jr., to Technicolor Motion Picture Corp. Means and techniques for preventing keystone effects. 2,758,235, 8-7-56, Cl. 313—78.
- Evans, William G., to Westinghouse Electric Corp. Voltage reference devices. 2,739,282, 3-20-56, Cl. 323—89.
- Evans, William G., to Westinghouse Electric Corp. Voltage reference devices. 2,763,827, 9-18-56, Cl. 321—19.
- Evans, William G., R. I. Van Nice, and W. G. Hall, to Westinghouse Electric Corp. Electrical control apparatus. 2,740,086, 3-27-56, Cl. 322—28.
- Evans, William G., and R. A. Ramey, to Westinghouse Electric Corp. Time delay devices. 2,757,297, 7-31-56, Cl. 302—58.
- Evans, William H. Connecting rod jig for line reaming and boring machine. 2,731,858, 1-24-56, Cl. 77—62.
- Evans, William R.: *See*—  
Neistrom, Kenneth L., Peterson, and Evans. 2,772,715.
- Evans, William R., to Aircraft-Marine Products, Inc. Crimping tool with a plurality of movable dies operable singly or together. 2,744,428, 5-8-56, Cl. 81—15.
- Evans, William R., to Aircraft-Marine Products, Inc. Tap connector. 2,760,798, 8-28-56, Cl. 287—49.
- Evans, William R., to Aircraft-Marine Products, Inc. Crimping device. 2,763,019, 10-2-56, Cl. 153—1.
- Evans, William R., to Aircraft-Marine Products, Inc. Work locating mechanism for connector crimping tools. 2,765,688, 10-9-56, Cl. 81—15.
- Evans, William T., to Sun Oil Co. Speed control apparatus. 2,742,927, 12-12-56, Cl. 313—314.
- Evans, Winfield C., to Jamison Cold Storage Door Co. Mechanism for operating a refrigerator door fastener. 2,729,486, 1-3-56, Cl. 292—92.
- Evans, Winfield C., to Jamison Cold Storage Door Co. Refrigerator door and method of making the same. 2,731,682, 1-3-56, Cl. 292—92.
- Evashinski, Kenneth, to General Motors Corp. Method of honing piston rings. 2,763,106, 9-18-56, Cl. 51—289.
- Even, Nicholas. Cupola tyure gates with integral downward deflectors. 2,734,738, 2-14-56, Cl. 266—41.
- Even-Pul Foundations, Inc.: *See*—  
Lo Cascio, Jack J. 2,735,479.
- Morano, Patrick J. 2,739,312.
- Morano, Patrick J. 2,755,478.
- Everard, Joseph J., to Paragon Electric Co. Multiple dial time switch. 2,736,377, 2-28-56, Cl. 181—1.
- Everbrite Electric Signs Inc.: *See*—  
Richter, Kenneth W. 2,744,705.
- Wamser, Carl H. 2,769,263.
- Everett, Arthur C., to Pneumatic Scale Corp. Closure applying apparatus. 2,744,368, 5-8-56, Cl. 53—67.
- Everett, Charles H., guardian: *See*—  
Patrick, Richard F. 2,775,174.
- Everett, Jack G.: *See*—  
Phillips, Vernon B., Everett, and Hoekema. 2,740,365.
- Everett, S. & R. J. Co. Ltd.: *See*—  
Everett, Samuel J. 2,743,517.
- Everett, S. & R. J. Co. Ltd.: *See*—  
Everett, Samuel J. 2,764,978.
- Everett, Samuel J., to S. & R. J. Everett & Co. Ltd. Manufacture of hypodermic needles. 2,743,517, 5-1-56, Cl. 29—528.
- Everett, Samuel J., to S. & R. J. Everett & Co. Ltd. Locking device for hypodermic needles. 2,764,978, 10-2-56, Cl. 128—215.
- Everett, Wilhelm S. Adjustable surge alleviator. 2,731,984, 1-24-56, Cl. 138—30.
- Everett, Woodrow W., to Earth Equipment Corp. Trenching machine excavating control apparatus. 2,737,733, 3-13-56, Cl. 37—90.
- Everhart, Edgar: *See*—  
Allaire, Royal P., Clogston, and Everhart. 2,737,610.
- Everhart, Harold S., to The Jeffery Mfg. Co. Conveying apparatus, including a bodily movable belt supporting transfer means. 2,734,622, 2-14-56, Cl. 198—186.
- Everhart, John O., to National Clay Pipe Research Corp. Coaxial conduit construction. 2,759,491, 8-21-56, Cl. 138—63.
- Everhart, John O., to The National Clay Pipe Research Corp. Threaded joint-sealing gasket rings for molded pipe. 2,766,054, 10-9-56, Cl. 285—291.
- Everling, Walter O.: *See*—  
Carlson, Clarence O., Everling, and Robinson. 2,730,791.
- Everroad, Adam L.: *See*—  
Michie, John S., and Everroad. 2,746,816.
- Evers, Arthur J., to International Paper Co. Transfer mechanism for bagmaking machines. 2,729,151, 1-3-56, Cl. 93—93.
- Evers, Arthur J., to International Paper Co. Banding machine for bag bundles. 2,751,731, 6-26-56, Cl. 53—124.
- Evers, Clarence C.: *See*—  
Turnbull, Glen O., and Evers. 2,743,571.
- Evers, Dundred D., to Philco Corp. Method for electrolytic etching. 2,767,137, 10-16-56, Cl. 204—143.
- Evers, Ernest C., and C. J. Carignan, to the United States of America as represented by the United States Atomic Energy Commission. Process for preparation of chlorides of uranium. 2,734,795, 2-14-56, Cl. 23—14.5.
- Eversharp, Inc.: *See*—  
Dostert, Raymond L. 2,749,883.
- Evershed & Vignoles Ltd.: *See*—  
Bergen, Stephen A. 2,748,330.
- Boudry, James R. 2,757,326.
- Eversole, James L. Trailer hitch with retractable guard. 2,752,170, 6-26-56, Cl. 280—507.
- Evert, Carl R., Jr.: *See*—  
Pies, Othmar W., Middendorff, and Evert. 2,775,736.
- Evert, Orville F. Carbonator. 2,735,720, 2-21-56, Cl. 299—120.
- Everton, Melvin W. Sheet material bending machine. 2,768,670, 10-30-56, Cl. 153—16.
- Eves, John D., to The Brewer-Titchener Corp. Temporary connector for folding chairs. 2,750,990, 6-19-56, Cl. 155—130.
- Evinrude, Ralph S., to Outboard, Marine & Mfg. Co. Engine carburetor with a choking and priming control. 2,744,736, 6-8-56, Cl. 61—24.
- Ewald, Louis H. Uniform pressure resistance welding apparatus. 2,750,484, 6-12-56, Cl. 219—4.
- Ewald, Robert W.: *See*—  
Nichols, Charles A., Weiser, and Ewald. 2,766,645.
- Nichols, Charles A., Weiser, and Ewald. 2,773,404.
- Ewald, William P., to Eastman Kodak Co. Flash exposure calculator. 2,767,918, 10-23-56, Cl. 235—64.
- Ewaldson, Waldemar C., and C. A. Hallam, to Western Electric Co., Inc. Cable sheath cutting apparatus. 2,740,473, 4-3-56, Cl. 164—60.
- Ewaldson, Waldemar C., and A. A. Williams, to Western Electric Co., Inc. Control for punch press. 2,748,864, 6-5-56, Cl. 164—111.
- Ewart, Wade H., Jr.: *See*—  
King, John M., Robinson, Rowe, and Ewart. 2,762,304.
- Ewers, Wilfred E.: *See*—  
Evans, Leslie F., Ewers, and Simpson. 2,765,081.
- Ewing, Charles W., to General Motors Corp. Brazing mixture. 2,759,446, 8-21-56, Cl. 113—110.
- Ewing Development Co.: *See*—  
Ewing, Walkley B. 2,773,518.
- Ewing, Henry, to British Celanese Ltd. Fiber cutting apparatus comprising a rotor blade urged against rotor blade by damped resilient means. 2,768,689, 10-30-56, Cl. 164—68.
- Ewing, James W., and D. F. Behrends. Container for toilet disinfectant and deodorant. 2,760,209, 8-28-56, Cl. 4—223.
- Ewing, Reid, to McGraw Electric Co. Impregnation of absorbent materials. 2,730,462, 1-10-56, Cl. 117—95.
- Ewing, Walkley B., to Borg-Warner Corp. Screen and frame Assembly. 2,736,376, 2-28-56, Cl. 160—395.
- Ewing, Walkley B., to Ewing Development Co. Quill assembly. 2,773,518, 12-11-56, Cl. 140—30.
- Ex Corp.: *See*—  
Cousino, Walter F. 2,767,609.
- Cousino, Walter F. 2,767,951.
- Exacta Buromaschinen Gesellschaft m. b. H.: *See*—  
Bringer, Hans, Buschmann, and Schelling. 2,755,019.
- Exact Weight Scale Co., The: *See*—  
Beeson, John D. 2,731,880.
- Merrill, Roger L., and Hexco. 2,767,914.
- Schieser, Warren J., and Kelley. 2,736,922.
- Schieser, Warren J., and Kelley. 2,736,923.
- Excel Textile Supply Co.: *See*—  
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- Ex-Cell-O Corp.: *See*—  
Alden, Carroll R. 2,731,188.
- Alden, Carroll R. 2,750,095.
- Alden, Carroll R. 2,751,137.
- Alden, Carroll R. 2,763,424.
- Dixon, Charles H. 2,730,288.
- Dixon, Charles H. 2,730,289.
- Earp, James F. 2,736,149.
- Earp, James F. 2,770,175.
- Earp, James F., and Clemens. 2,750,721.
- Monroe, Charles Z., and Earp. 2,743,323.
- Monroe, Charles Z., and German. 2,747,473.
- Monroe, Charles Z., and Raymond. 2,748,833.
- Excuteone Inc.: *See*—  
Bernstein, Allan C. 2,744,966.
- Exley, Leonard. Apparatus for use in reading the level of liquids in tanks. 2,752,784, 7-3-56, Cl. 73—319.
- Exline, Harold. Vacuum powered throttle control with electrically controlled air valve. 2,742,123, 4-17-56, Cl. 192—3.

- Exner, Frank M., to Minneapolis-Honeywell Regulator Co. Signal generating apparatus. 2,770,768, 11-13-56, Cl. 323-51.
- Exner, Fritz: *See—*
- Exner, Walter, and Exner. 2,762,699.
- Exner, Lawrence J.: *See—*
- De Benneville, Peter L., and Exner. 2,765,253.
- De Benneville, Peter L., and Exner. 2,765,337.
- Exner, Lawrence J., and W. E. Craig, to Rohm & Haas Co. (Tert-alkyl) aminomethylphenols and method for their preparation. 2,750,416, 6-12-56, Cl. 260-57.9.
- Exner, William L., to Hughes Aircraft Co. Multivibrator circuits. 2,757,282, 7-31-56, Cl. 250-27.
- Expanded Rubber Co. Ltd.: *See—*
- Cooper, Alfred, and MacQueen. 2,746,940.
- Expert Tool and Mfg. Co.: *See—*
- Günman, Morris A., Riback, and Levin. 2,732,449.
- Eyelt Specialty Co., The: *See—*
- Hopgood, Robert B. 2,766,876.
- Eyestone, John W. Preparation of ice cream. 2,756,153, 7-24-56, Cl. 99-136.
- Eyssa, Leonard J.: *See—*
- Eysson, Dillon, Robert E., Eyges, and Riblet. 2,761,139.
- Eyges, Leonard J., to the United States of America as represented by the Secretary of the Navy. Broadband linear array. 2,755,467, 7-17-56, Cl. 343-844.
- Eyler, Roy L., to Landis Machine Co. Work transfer mechanism. 2,758,896, 8-14-56, Cl. 198-19.
- Eymann, Constanzt: *See—*
- Barking, Herbert, and Eymann. 2,760,855.
- Eyraud, Charles: *See—*
- Eyraud, Ivan and C. 2,754,109.
- Eyraud, Ivan and C. Instruments for recording weights and modifications in weight. 2,754,109, 7-10-56, Cl. 265-70.
- Eyre, John R.: *See—*
- Barnes, Frank D., Plant, and Eyre. 2,758,148.
- Eyring, Edward J. Deflector for endless chain propeller. 2,730,064, 1-10-56, Cl. 1-1.
- Eyring, Edward J. Fluid deflector system for endless chain propellers in amphibian craft. 2,758,560, 8-14-56, Cl. 115-1.
- Eyring, Edward J. Fluid deflector system for endless chain propellers in amphibian craft. 2,758,562, 8-14-56, Cl. 115-1.
- F. A. B. Mfg. Co., Inc.: *See—*
- Scholtz, Herman J. 2,746,762.
- F. A. G. A. Fabricca Acque Gassate Affini S. p. A.: *See—*
- Casigliani, Nello. 2,754,043.
- F. A. Krauss-Maffei A. G.: *See—*
- Laubender, Ludwig. 2,747,526.
- F. A. Underhaugs Fabrik: *See—*
- Skjaerpe, Odd, and R. 2,738,601.
- F. & B. Mfg. Co.: *See—*
- Filko, John. 2,740,854.
- FKG Fritz Kesselring Geratebau: *See—*
- Kesselring, Fritz. 2,774,920.
- FKG Fritz Kesselring Geratebau, A. G.: *See—*
- Degler, Heinrich. 2,732,451.
- Kesselring, Fritz. 2,740,934.
- Kesselring, Fritz. 2,770,766.
- Kesselring, Fritz. 2,771,577.
- Kesselring, Fritz. 2,774,931.
- Kesselring, Fritz, and Egli. 2,774,933.
- F. N. F. Ltd.: *See—*
- Garner, Stanley, Banks, and Porter. 2,741,107.
- Porter, Allan W. H. 2,733,583.
- Robertson, Andrew, and Porter. 2,738,565.
- FR Corp., The: *See—*
- Barth, Robert M. 2,742,239.
- F-R Machine Works: *See—*
- Zavales, Charles T. 2,752,509.
- Fa. Krauss-Maffei A. G.: *See—*
- Laubender, Ludwig. 2,746,446.
- Fa. Schoeller-Bleckmann Stahlwerke Aktiengesellschaft: *See—*
- Siklosi, Johann. 2,761,205.
- Fabares, Eugene N.: *See—*
- Colvin, Oliver D., Jr., Fabares, and Swaney. 2,746,684.
- Faber-Castell, A. W.: *See—*
- Stanek, Walter. 2,765,551.
- Faber, Guy S. Coffee brewing apparatus. 2,741,976, 4-17-56, Cl. 99-308.
- Faber, Karl, to Siemens & Halske Aktiengesellschaft. Automatic P. B. X telephone system. 2,748,195, 5-29-56, Cl. 179-18.
- Faber & Schleicher Aktiengesellschaft: *See—*
- Alix, Hans. 2,764,407.
- Koch, Werner. 2,730,362.
- Koch, Werner. 2,731,916.
- Koch, Werner. 2,738,973.
- Koch, Werner. 2,756,995.
- Koch, Werner. 2,769,634.
- Fabian, Albert E.: *See—*
- Ehrler, Freeman O., and Fabian. 2,766,630.
- Fabian, Frank, to Fiber Processes, Inc. Process for degumming glass fiber. 2,738,271, 3-13-56, Cl. 92-16.
- Fabian, Gardner J., to The Four Wheel Drive Auto Co. Steerable drive axle construction. 2,768,698, 10-30-56, Cl. 180-43.
- Fabio, Paul F.: *See—*
- Brockman, John A., Jr., and Fabio. 2,767,195.
- Fabreeka Products Co.: *See—*
- Wilson, George A. 2,770,421.
- Fabrica Argentina de Alparagatas Sociedad Anonima Industrial y Comercial: *See—*
- Fraser, Robert M. 2,747,206.
- Fabrique d'Horlogerie de St. Blaise S. A.: *See—*
- Friedli, Gérard. 2,745,244.
- Fabrique Nationale d'Armes de Guerre: *See—*
- Laloux, Andre M. L. R. 2,773,451.
- Fabro, Lester R. Holder for tumblers. 2,749,727, 6-12-56, Cl. 63-13.
- Facchini, Arturo, to T. Cavanna. Cherry pitter having three spoon-shaped pitting blades. 2,751,948, 6-26-56, Cl. 146-18.
- Faccou, Harlan N. Pneumatic nailer. 2,729,198, 1-3-56, Cl. 121-3.
- Facer, Leroy H., to G. E. Cooley, W. D. Foster, H. and M. I. Gregersen, and D. S. Lamb, trustees. Methods of producing phosphatic fertilizers. 2,739,885, 3-27-56, Cl. 71-64.
- Facer, Leroy H., to G. E. Cooley, W. D. Foster, H. and M. I. Gregersen, and D. S. Lamb, trustees. Processes for producing fertilizers and the products thereof. 2,739,886, 3-27-56, Cl. 71-64.
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- Fackert, Walter. Recovery of sulfuric acid and iron oxide from iron sulfate. 2,773,743, 12-11-56, Cl. 23-200.
- Factor, Max, & Co.: *See—*
- Knutsen, Harold O. 2,760,391.
- Factory Mutual Research Corp.: *See—*
- Thompson, Norman J. 2,768,069.
- Fadden, Walter E., Jr. Tool rack. 2,736,628, 2-28-56, Cl. 312-305.
- Faerber, Harry W., to Time, Inc. Plate grooving machine. 2,736,947, 3-6-56, Cl. 29-21.
- Faerber, Harry W., to Time, Inc. Apparatus for registering printing plates. 2,736,968, 3-6-56, Cl. 33-184.5.
- Faerber, Harry W., to Time, Inc. Universal printing plate registering and punching machine. 2,745,186, 5-15-56, Cl. 33-184.5.
- Faerber, Harry W., to Time, Inc. Self-adjusting form roll. 2,751,843, 6-26-56, Cl. 101-349.
- Faerber, Harry W., to Time, Inc. Apparatus for registering and soldering double page electrotpe. 2,756,710, 7-31-56, Cl. 113-99.
- Faerber, Harry W., to Time, Inc. Plate curving machine. 2,756,663, 7-31-56, Cl. 153-40.
- Faerber, Harry W., to Time, Inc. Device for imparting fluid to rotating rolls. 2,767,654, 10-23-56, Cl. 101-425.
- Faßig, Emanuel. Reproduction of printed patterns by vacuum evaporation. 2,748,031, 5-29-56, Cl. 117-212.
- Fafnir Bearing Co., The: *See—*
- Hannon, William F. 2,757,493.
- Jones, Arthur B., Jr. 2,733,967.
- Leister, Fayette. 2,729,479.
- Leister, Fayette, and Bieber. 2,764,432.
- Potter, Howell L. 2,731,310.
- Potter, Howell L. 2,740,676.
- Reynolds, Harry R. 2,744,474.
- Van Dorn, Horace B., and Moran. 2,737,057.
- Fagan, Roscoe, and W. Meyst. Identity recorder. 2,730,936, 1-17-56, Cl. 95-11.
- Fagan, Thomas F. Retainer for dental flasks. 2,736,061, 2-28-56, Cl. 18-33.
- Fageol, Louis J., to Twin Coach Co. Method for the production of vehicles. 2,773,304, 12-11-56, Cl. 29-469.
- Fagerberg, Bengt G., to Sala Maskinfabriks A. B. Method and device for magnetic filtration. 2,735,550, 2-21-56, Cl. 210-15.
- Fagerberg, Russell, and K. Miller, to the United States of America as represented by the Secretary of the Army. Side-stripping cartridge belt link. 2,762,264, 9-11-56, Cl. 89-35.
- Fagerqvist, Nils R.: *See—*
- Backström, Ernst R., Fagerqvist, and Norrman. 2,774,244.
- Faget, Maxime A., to the United States of America as represented by the Secretary of the Navy. Flight mach number indicator. 2,767,579, 10-23-56, Cl. 73-182.
- Fagg, Leo W., and C. L. Sharp, to Johnson-Fagg Engineering Co. Method of manufacturing a packing ring. 2,765,023, 10-2-56, Cl. 154-33.1.
- Fagee, Ralph D. Scissors-type spot welding gun. 2,744,989, 5-8-56, Cl. 219-4.
- Fagin, Samuel L.: *See—*
- Wagner, Robert, Fagin, and Goss. 2,768,340.
- Fago, Louis. Lint trap for laundry drier. 2,738,028, 3-13-56, Cl. 183-62.
- Fagot, Jacques, to Compagnie Generale de Telegraphie Sans Fil. Crystal mixing device with wide frequency band. 2,755,376, 7-17-56, Cl. 250-20.
- Fagundus, Lois M. Diaper flushers. 2,740,970, 4-10-56, Cl. 4-1.
- Fahland, Frank, to Evans Products Co. Cross bar support for vehicles. Re. 24,118, 2-7-56, Cl. 105-369.
- Fahlberg, Edward L. Circuit selector switch outlet receptacle. 2,755,350, 7-17-56, Cl. 200-51.05.
- Fahlberg, Glenn A.: *See—*
- Pull, Burnard T., Fahlberg, and Hayne. 2,729,536.



- Fahlstrom, George B., to Osmose Wood Preserving Co. of America, Inc. Fire retardant wood preserving composition 2,757,121, 7-31-56, Cl. 167-38.6.
- Fahnestock, Frank C., to Socony Mobil Oil Co., Inc. Method and apparatus for cooling granular contact material. 2,741,603, 4-10-56, Cl. 252-418.
- Fahnestock, Frank C., to Socony Mobil Oil Co., Inc. Method for pneumatically lifting granular contact material. 2,769,672, 11-6-56, Cl. 302-53.
- Fahrenbach, Marvin J., and K. H. Collins, to American Cyanamid Co. 2,4,5-triaminodihydropyrimidine-6-sulfonic acid and method of preparing same. 2,756,230, 7-24-56, Cl. 260-256.5.
- Fahrenbach, Marvin J., and K. H. Collins, to American Cyanamid Co. Method of preparing 2-amino-4-substituted pteridines. 2,767,181, 10-16-56, Cl. 260-251.5.
- Fahrenbach, Wolfgang B., and F. B. Stone, to Edco, Inc. Machine for forming carriers for rectangular milk cartons and method of packaging such cartons in pairs. 2,766,567, 10-16-56, Cl. 53-3.
- Fahrigr, Rudolf: *See—*
- Baader, Rudolf. 2,750,623.
- Fahrner, Landon W., to V. P. Alloway. High speed cutter for use in cutting straw, hay, or the like. 2,752,160, 6-26-56, Cl. 275-3.
- Fahrner, Ted, and W. W. Ramage, to the United States of America as represented by the Secretary of the Navy. Regenerative phototube signal amplifier. 2,750,518, 6-12-56, Cl. 250-214.
- Fahrni, Fred. Operating mechanisms for spreading machines. 2,741,191, 4-10-56, Cl. 104-178.
- Faier, Robert G., to Colgate-Palmolive Co. Toilet detergent bar and process of preparing same. 2,749,315, 6-5-56, Cl. 250-17.
- Faigen, Harry L.: *See—*
- Otto, George F., and Faigen. 2,767,111.
- Failkow, Aaron D.: *See—*
- Libman, Earl E., Failkow, Bozeman, and Gerst. 2,762,565.
- Failla, Gioacchino, to the United States of America as represented by the United States Atomic Energy Commission. Radiation detection device. 2,731,568, 1-17-56, Cl. 250-83.3.
- Fain, Jacob M., N. L. Hewitt, and W. Rosenblatt, to the United States of America as represented by the Secretary of the Navy. De-icing material. 2,731,553, 1-17-56, Cl. 106-13.
- Fainman, Morton: *See—*
- Watson, Roger W., and Fainman. 2,759,920.
- Fair, William F., Jr.: *See—*
- Christensen, John C., and Fair. 2,749,250.
- Fairbairn, Robert A.: *See—*
- Van Atta, Lester C., Harvey, and Fairbairn. 2,761,137.
- Fairbank, Murry N.: *See—*
- Bishop, Donald R., Fairbank, McCune, and Pierce. 2,759,404.
- Fairbank, Murry N., to Polaroid Corp. Apparatus for processing radiation detection devices. 2,740,897, 4-3-56, Cl. 250-68.
- Fairbank, Murry N., to Polaroid Corp. Photographic apparatus. 2,752,834, 7-3-56, Cl. 95-11.5.
- Fairbank, Murry N., and W. A. Shurchill, to Polaroid Corp. Radiation detection devices. 2,747,103, 5-22-56, Cl. 250-68.
- Fairbank, William M., to the United States of America as represented by the Secretary of the Navy. Calibrator for radio echo system. 2,763,558, 9-18-56, Cl. 343-17.7.
- Fairbanks, Aard F., to North American Aviation, Inc. Function generator. 2,741,140, 4-10-56, Cl. 74-424.5.
- Fairbanks Co., The: *See—*
- Hanson, Alfred H. 2,772,096.
- Fairbanks, Eugene A. Fuel system for internal combustion engines. 2,748,758, 6-5-56, Cl. 123-122.
- Fairbanks, Gordon J., to Stewart-Warner Corp. Electric fuel preheater for combustion heaters. 2,757,270, 7-31-56, Cl. 219-38.
- Fairbanks, Morse & Co.: *See—*
- Armstrong, Werner E. 2,772,669.
- Budzien, Hugo F. 2,729,981.
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- Forth, Murray W. 2,732,138.
- Glazebrook, Robinson C. 2,741,992.
- Green, Wilson P., and Roberts. 2,763,248.
- Kaesser, Samuel W., and De Bo. 2,756,042.
- Langtan, Richard R. 2,733,682.
- Lauler, Louis J., and Thorsson. 2,766,981.
- Moerk, John C. 2,735,026.
- Fairchild, Bufkin R. Process for removing incrustation from a surface. 2,768,101, 10-23-56, Cl. 134-34.
- Fairchild Camera and Instrument Corp.: *See—*
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- Doyle, Irving W. 2,772,479.
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- Hotine, William. 2,771,598.
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- Roods, John F. 2,775,076.
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- Fairchild, Edwin B., 1/2 to B. E. Williams. Apparatus for the aseptic packaging of foods. 2,761,603, 9-4-56, Cl. 226-68.
- Fairchild Engine and Airplane Corp.: *See—*
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- Clavel, Thomas W. 2,747,901.
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- Gregory, Alfred T., and Browne. 2,743,053.
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- Trofimov, Lev A. 2,737,354.
- Weaver, George C., and McCormick. 2,759,691.
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- Fairchild, Gerald E., to Aircraft Brake Co. Disc brake actuating mechanism. 2,773,567, 12-11-56, Cl. 188-72.
- Fairchild, William R. Pile driver hammer lead. 2,743,586, 5-1-56, Cl. 61-74.
- Fairchild, William R. Pile driver skid runner. 2,743,935, 5-1-56, Cl. 280-28.
- Fairchild's Inc.: *See—*
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- Fairey Aviation Co. Ltd., The: *See—*
- Cameron, James E., and Hayward. 2,760,899.
- Chaplin, Herbert E. 2,736,233.
- Vines, Alan, Welham, and Maughan. 2,737,725.
- Fairfax, Charles L. Propelling attachment for vehicles. 2,739,820, 3-27-56, Cl. 280-12.11.
- Fairley, Donald M., D. W. Aldridge, and W. Travis: *See—*
- Fairfield and said Aldridge assors. to British Insulated Callender's Cables Ltd., and said Travis assor. to Connollys (Blackley) Ltd. Sheathing of electric cables. 2,765,527, 10-9-56, Cl. 29-517.
- Fairmont Box Co.: *See—*
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- Fairmont Railway Motors, Inc.: *See—*
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- Sublett, Ira, and Johnson. 2,731,796.
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- Ethé, William. 2,760,202.
- Fairweather, Stephen H., to Thompson Products, Inc. Frequency error sensing and signal system. 2,770,726, 11-13-56, Cl. 250-27.
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- Catty, Jean, and Low. 2,747,618.
- Fairy Silk Mills, Inc.: *See—*
- Jens, George. 2,761,148.
- Fakkeldij, Johannes J., Jr. Apparatus for tapping telephone conversations for the purpose of recording. 2,775,645, 12-25-56, Cl. 179-1.
- Fakstorp, Jorgen, to Aktiebolaget Pharmacia. New bis-alkyl monochlorides. 2,743,294, 4-24-56, Cl. 260-501.
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- Epstein, Aaron, and Falck. 2,759,903.
- Falco, Elvira A.: *See—*
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- Falcone, Vincent P. Wax table stripping machines. 2,754,530, 7-17-56, Cl. 15-93.
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- Falek, Seymour C., to Merchandise Presentation, Inc. Drawer tray installation. 2,763,826, 9-18-56, Cl. 312-270.
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- Onksen, George W., Jr., Miller, and Falge. 2,762,930.
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- Falge, Robert N., to General Motors Corp. Sealed beam lighting unit. 2,739,227, 3-20-56, Cl. 240-41.
- Falge, Robert N., to General Motors Corp. Vehicle lamp. 2,749,434, 6-5-56, Cl. 240-41.
- Falge, Robert N., to General Motors Corp. Sealed beam lighting unit. 2,752,481, 6-26-56, Cl. 240-41.
- Falge, Robert N., to General Motors Corp. Molded electrical connection. 2,769,157, 10-30-56, Cl. 339-218.
- Falge, Robert N., C. W. Miller, and G. W. Onksen, to General Motors Corp. Automatic headlight dimming system time delay differential bias. 2,760,114, 8-21-56, Cl. 315-83.
- Falge, Robert N., G. W. Onksen, Jr., H. E. Todd, and C. W. Miller, to General Motors Corp. Light pickup unit. 2,762,932, 9-11-56, Cl. 250-226.
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- Falk, Joel D., to Independent Lock Co. Combination tie clasp and key. 2,738,698, 3-13-56, Cl. 24-49.
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- Falk, Tage, to Smith Welding Equipment Corp. Respirator system. 2,770,251, 11-13-56, Cl. 128-29.
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- Falls, John J., to The Standard Electrical Tool Co. Grinder or the like. 2,741,881, 4-17-56, Cl. 51-109.
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- Singer, Josef, Schwechten, and Bayer. 2,740,796.
- Singer, Rudolf, and Ruerland. 2,762,845.
- Taube, Karl. 2,746,955.
- Thielert, Hermann, and Baumann. 2,764,586.
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- Farber, Eduard, to Union Lumber Co. Alkali conversion of bark. 2,740,024, 5-1-56, Cl. 106-163.
- Farber, L. Welting Co.: See—
- Gemme, Leon H. 2,763,879.
- Farber, Louis. Combined silent butler and crumbler. 2,762,622, 7-3-56, Cl. 15-105.
- Farber, Milton H., H. K. Foster, and W. Biehahn, to S. W. Foster. Process of forming a casing for a rocket charge. 2,766,507, 10-16-56, Cl. 29-1.21.
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- Faris, Harold B., to The Wolfe Products, Inc. Adjustable post, 2,762,599, 9-11-56, Cl. 248—354.
- Faris, Harold P., and B. R. Koenig, to Chicopee Mfg. Corp. Method of making a pump, 2,757,437, 8-7-56, Cl. 28—78.
- Faris, Robert B., Jr., and J. D. Bartleson, to The Standard Oil Co. Carbonization testing apparatus, 2,729,970, 1-10-56, Cl. 73—64.
- Farish, Robert E., Jr. Safety protective device, 2,749,381, 6-5-56, Cl. 174—51.
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- Farjon, David. Combination planetary gear and fluid brake type transmission, 2,736,213, 2-28-56, Cl. 74—752.
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- Farkas, Thomas P., to United Aircraft Corp. Speed topping circuit for a split turbine, 2,754,658, 7-17-56, Cl. 60—39.16.
- Farkas, Thomas P., to United Aircraft Corp. Safety circuit for thermocouple unit of the jet fuel control, 2,764,867, 10-2-56, Cl. 60—39.28.
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- Farley, Thomas S. Thermocouple, 2,735,882, 2-21-56, Cl. 136—4.
- Farley, Walter M., A. R. Kellogg, and S. H. Phillips, to The Warner Brothers Co. Work-control means for sewing machines, 2,742,004, 4-17-56, Cl. 112—2.
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- Farmer, Harold C., and V. B. Burgess. Subsurface washing of bed, 2,773,830, 12-11-56, Cl. 210—24.
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- Farr, Kenneth E., to Westinghouse Electric Corp. Color television receiver apparatus, 2,763,716, 9-18-56, Cl. 178—5.4.
- Farr, Warren H., to Ainsworth Mfg. Corp. Carpet-tacking strip, 2,732,579, 1-31-56, Cl. 16—16.
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- Farrar, Martin W., and H. Raffelson, to Monsanto Chemical Co. Preparation of carbocyclic tricyclic keto-acids, 2,733,269, 1-31-56, Cl. 260—514.
- Farrar, Martin W., H. Raffelson, and W. S. Knowles, to Monsanto Chemical Co. Compounds for synthesizing steroids, 2,759,928, 8-21-56, Cl. 260—239.55.

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- Farrell, William F., to Security Trust Co. of Rochester. Bank check. 2,771,807, 11-20-56, Cl. 283—58.
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- Fast, Fred L. Hydraulic transmission. 2,758,442, 8-14-56, Cl. 60—5.
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- Fastie, William G., to Leeds and Northrup Co. Double beam radiation pyrometer. 2,737,809, 3-13-56, Cl. 73—355.
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- Fath, Joseph, and G. J. Leitner, to Nuodex Products Co., Inc. Metal quinolinolates and methods of making the same. 2,745,832, 5-15-56, Cl. 260—270.
- Fathauer, Charles H., to Thompson Products, Inc. Frequency stabilizing circuit. 2,761,972, 9-4-56, Cl. 250—36.
- Fatio, Paul. Apparatus for volumetric measurements. 2,747,400, 5-29-56, Cl. 73—149.
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- Faulkner, Alfred H., to Automatic Electric Laboratories, Inc. Gas-discharge devices having a free auxiliary control electrode. 2,733,374, 1-31-56, Cl. 313—198.
- Faulkner, Alfred H., to Automatic Electric Laboratories, Inc. Telephone system. 2,748,196, 5-29-56, Cl. 179—18.
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Faust, Delbert G., to C. A. Norgren Co. Pilot controlled regulator. 2,761,464, 9-4-56, Cl. 137—116.3.  
Faust, Delbert G., and J. A. Wilson, Jr., to C. A. Norgren Co. Airline filter and automatic drain valve. 2,744,534, 5-5-56, Cl. 137—105.  
Faust, Ellwood L., and R. R. Harter, to International Harvester Co. Guide for material dispenser. 2,743,801, 5-1-56, Cl. 193—25.  
Faust, Ellwood L., and R. R. Harter, to International Harvester Co. Fertilizer distributor. 2,754,032, 7-10-56, Cl. 229—311.  
Faust, Harry W., to Monsanto Chemical Co. Carboxylic acid derivatives and lubricants containing them. 2,763,615, 9-18-56, Cl. 252—33.  
Faust, John A.: *See*—  
Sahyun, Melville, and Faust. 2,730,544.  
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Sahyun, Melville, and Faust. 2,751,411.  
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Sahyun, Melville, and Faust. 2,769,837.  
Sahyun, Melville, Faust, and Jules. 2,729,678.  
Sahyun, Melville, Faust, and Jules. 2,744,916.  
Sahyun, Melville, Faust, and Jules. 2,754,327.  
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Synerholm, Martin E., Faust, and Sahyun. 2,733,244.  
Faust, Ralph H.: *See*—  
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Faust, Ralph M., to Swift & Co. Gluing apparatus. 2,732,575, 1-31-56, Cl. 15—132.5.  
Fauth, Frederick E.: *See*—  
Day, Carl L., Albrecht, and Fauth. 2,763,107.  
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Day, Carl L., and Fauth. 2,768,487.  
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Day, Carl L., and Fauth. 2,770,348.  
Pahl, Leo F., Fauth, and Day. 2,761,605.  
Pahl, Leo E., Fauth, and Day. 2,761,606.  
Fauvelot, Pierre E. R., to Societe Anonyme Etablissements Ed. Jaeger. Altimeter with barometric correction totalizing device. 2,750,801, 6-19-56, Cl. 73—387.  
Fauvelot, Pierre E. R., to Societe Anonyme Etablissements Ed. Jaeger. Remotely operated level gages. 2,752,783, 7-3-56, Cl. 73—313.  
Fava, Augusto. Driving apparatus for alimentary paste of filament shape. 2,732,627, 1-31-56, Cl. 34—48.  
Favre, John A., to General Electric Co. Circuit breaker operating mechanism. 2,754,387, 7-10-56, Cl. 200—82.  
Favret, Maxime, to Elgin National Watch Co. Horological balance with adjustable moment of inertia. 2,770,942, 11-20-56, Cl. 58—107.  
Faw, Wendell G.: *See*—  
Rohinette, Marion L., and Faw. 2,735,632.  
Fawcett, Cecil C., to the United States of America as represented by the Secretary of the Army. Hand grenade explodable into fragments of predetermined physical characteristics. 2,762,303, 9-11-56, Cl. 102—64.  
Fawcett, Frank S., to E. I. du Pont de Nemours and Co. Pyrolysis polymers from p-methyl quaternary benzylammonium hydroxides. 2,757,146, 7-31-56, Cl. 260—2.  
Fawcett, Frank S., and R. W. Hawk, to E. I. du Pont de Nemours & Co. Conversion of methanol to hydrocarbons at superatmospheric pressure over modified metal molybdate catalysts. 2,744,151, 5-1-56, Cl. 260—682.  
Fawcett, Howard N., to the United States of America as represented by the Secretary of the Army. Mechanical vector computer for a sound ranging azimuth detector. 2,767,917, 10-23-56, Cl. 235—61.5.  
Fawdry, Cecil A.: *See*—  
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Fawick Corp.: *See*—  
Fawick, Thomas L. 2,759,568.  
Fawick, Thomas L. 2,765,061.  
Fawick, Thomas L. 2,766,591.  
Fawick, Thomas L. Device for dynamically balancing a tubular rotary member. 2,734,395, 2-14-56, Cl. 74—573.  
Fawick, Thomas L. Diaphragm and piston assembly. 2,762,896, 9-11-56, Cl. 137—79.  
Fawick, Thomas L., to Fawick Corp. Fluid-actuated assembly for brakes and clutches. 2,759,568, 8-21-56, Cl. 188—152.  
Fawick, Thomas L., to Fawick Corp. Assembly for clutches and brakes. 2,765,061, 10-2-56, Cl. 192—88.  
Fawick, Thomas L., to Fawick Corp. Dual cylinder and piston assembly. 2,766,591, 10-16-56, Cl. 60—97.  
Faxon, Per T. Apparatus for translating linear motion into rotary motion. 2,764,894, 10-2-56, Cl. 74—95.  
Faximile, Inc.: *See*—  
Clurman, Stanley P., and Ressler. 2,743,989.  
Hester, Frank A. 2,729,700.  
Leonard, George H. 2,743,990.  
Long, John H. 2,729,699.  
Long, John H. 2,759,043.  
Fay, Arthur M. Agitating receptacle and game pieces. 2,739,815, 3-27-56, Cl. 273—145.  
Fay, Bernard F. Rotary pelleting press modification. 2,748,424, 6-5-56, Cl. 18—20.  
Fay, Charles L. Combination pouring spout and vent for a bottle. 2,753,090, 7-3-56, Cl. 222—479.  
Fay, Charles R.: *See*—  
Rand, Jennie A. 2,741,203.  
Fay, Fred. Heel for shoes. 2,770,892, 11-20-56, Cl. 36—35.  
Fay, Harold G.: *See*—  
Kirk, Walter B., Johnston, and Fay. 2,760,831.  
Fay, Howard G., to the United States of America as represented by the Secretary of the Navy. Method of injection molding around a plurality of inserts. 2,763,032, 9-18-56, Cl. 262—10.  
Fay, James P. Registering mechanism for rotary offset printing machines. 2,747,504, 5-29-56, Cl. 101—248.  
Fay, James P. Breathing device. 2,757,680, 8-7-56, Cl. 137—64.  
Fay, Joseph W. and R. J., to Schulze and Burch Biscuit Co. Machine for forming blanks of cardboard and the like. 2,764,070, 9-25-56, Cl. 93—37.  
Fay, Philip S.: *See*—  
Darling, Samuel M., Fay, and Szabo. 2,741,548.  
Jones, Arthur L., and Fay. 2,732,413.  
Fay, Philip S., to The Standard Oil Co. Removal of coke from tubes. 2,752,272, 6-26-56, Cl. 134—17.  
Fay, Philip S., R. C. Tuba, and R. R. Decker, to The Standard Oil Co. Combustion-deposit sampling device. 2,766,615, 10-16-56, Cl. 73—116.  
Fay, Philip S., and L. S. Szabo, to The Standard Oil Co. Alkylides of heterocyclic boron compounds. 2,767,069, 10-16-56, Cl. 44—63.  
Fay, Robert E., Jr., to E. I. du Pont de Nemours and Co. Article of manufacture and process of making same. 2,768,925, 10-30-56, Cl. 154—128.  
Fay, Rudolph J.: *See*—  
Fay, Joseph W. and R. J. 2,764,070.  
Feagin, Frank J., to Esso Research and Engineering Co. Oscillatory networks. 2,760,068, 8-21-56, Cl. 250—36.  
Fear, Ernest D., to De-Rae Corp. Method of confection of frozen comestibles. 2,767,098, 10-16-56, Cl. 99—136.  
Fear, Harold C., to Esso Research and Engineering Co. 2,750,940, 6-19-56, Cl. 128—94.  
Fear, James V. D., and A. D. Moscrop, to Sun Oil Co. Combination adsorption and dewaxing process. 2,773,803, 12-11-56, Cl. 196—18.  
Fearon, Robert E., to Well Surveys, Inc. Well surveying method and apparatus. Re. 2,426, 10-9-56, Cl. 250—71.  
Fearon, Robert E., to Lane-Well Co. Method and apparatus for electric well logging. 2,729,784, 1-3-56, Cl. 324—1.  
Feasley, Charles F., W. E. Garwood, A. N. Sachanen, and F. M. Seger, to Socony Mobil Oil Co., Inc. Synthetic lubricants. 2,743,275, 4-24-56, Cl. 260—290.  
Feasley, Charles F., W. E. Garwood, A. N. Sachanen, and F. M. Seger, to Socony Mobil Oil Co., Inc. Synthetic lubricants. 2,743,280, 4-24-56, Cl. 260—329.  
Feasley, Charles F., W. E. Garwood, A. N. Sachanen, and F. M. Seger, to Socony Mobil Oil Co., Inc. Synthetic lubricants. 2,743,281, 4-24-56, Cl. 260—340.6.  
Feaster, Guy R. Ignition system tester. 2,746,010, 5-15-56, Cl. 324—17.  
Feathers, Bessie C. Sweater stretcher. 2,746,657, 5-22-56, Cl. 223—69.  
Feay, Alex N.: *See*—  
Feay, James A., J. H. and A. N. 2,749,089.  
Feay, James A., J. H. and A. N. 2,749,089.  
Feay, John H.: *See*—  
Feay, James A., J. H. and A. N. 2,749,089.  
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Ester, John E. 2,737,236.  
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Fechheimer, Paul R., to The Karl Kiefer Machine Co. Cut-off mechanism for filling machines. 2,760,704, 8-28-56, Cl. 224—98.  
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Fechter, Henry G., M. Kleiman, and A. Goldman, to Veliscol Chemical Corp. Production of chlorinated polycyclic alcohols. 2,750,396, 6-12-56, Cl. 260—410.  
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Guerra, John P., Benemeris, and Sabs. 2,753,696.  
Sabs, Leonard J., and Mould. 2,733,600.  
Fedor, Arthur G., to Weibull Corp. Cooking range. 2,733,706, 2-7-56, Cl. 126—20.  
Feder, Harold M., R. P. Larson, and H. B. Evans, to the United States of America as represented by the United States Atomic Energy Commission. Method of dissolving binary alloys. 2,758,024, 8-7-56, Cl. 75—121.

- Federal Bearings Co., Inc., The: *See*—  
Covert, Don M., and Denney. 2,743,119.
- Federal Carton Corp.: *See*—  
McCormick, Frank. 2,773,327.
- Rous, Ben. 2,774,468.
- Federal Cartridge Corp.: *See*—  
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- Federal Electric Products Co.: *See*—  
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- Christensen, Paul M. 2,733,312.
- Christensen, Paul M., and Cohen. 2,737,044.
- Cole, Herbert M., and Alcott. 2,771,541.
- Cole, Thomas M. 2,742,548.
- Cole, Thomas M. 2,758,174.
- Cole, Thomas M., and Christensen. 2,760,021.
- Hawkins, Allen T., and Taylor. 2,767,266.
- Humpage, Harold A. 2,760,029.
- Machon, Herbert W., and Magmano. 2,747,034.
- Norden, Alexander R. 2,739,272.
- Wills, Ervin E. 2,751,471.
- Wills, Ervin E. 2,758,257.
- Wills, Ervin E. 2,760,123.
- Wills, Ervin E. 2,762,878.
- Wills, Ervin E. 2,762,879.
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- Federal Machine and Welder Co., The: *See*—  
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- Williams, Arthur L. 2,742,078.
- Williams, Arthur L. 2,771,538.
- Williams, Arthur L., and Brace. 2,771,046.
- Federal-Mogul-Power Engineering, Inc.: *See*—  
Gallatin, Victor, and Gould. 2,760,860.
- Mosher, Ezra D. 2,768,011.
- Ortengen, Herman A. 2,741,481.
- Ortengen, Herman A. 2,754,635.
- Artigues, Attilio R. 2,761,271.
- Squire, John E. 2,777,132.
- Federal Paper Board Co., Inc.: *See*—  
Arneson, Edwin L. 2,772,610.
- Arneson, Edwin L. 2,772,810.
- Arneson, Edwin L. 2,773,625.
- Hubst, Philip R., and Conway. 2,734,454.
- Pantalone, Vincent R. 2,732,996.
- Sargent, Robert C. 2,759,629.
- Williamson, Marshall I. 2,733,852.
- Williamson, Marshall I., and Carruth. 2,743,009.
- Federal Sign and Signal Corp.: *See*—  
Goswiler, Earl W. 2,740,103.
- Federated Department Stores, Inc.: *See*—  
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- Federighi, George J., and T. H. Noren. Apparatus for injecting drying agent into rinse spray system. 2,740,415.
- 4-56, Cl. 12-56.
- Federick, Arthur J., to The Murray Ohio Mfg. Co. Shifter mechanism for two speed bicycle transmissions. 2,754,698.
- 7-17-56, Cl. 74-781.
- Federn, Klaus, to Carl Schenck Maschinenfabrik G. m. b. H. Photoelectrically controlled apparatus for producing alternating currents in synchronism with rotation of structure. 2,731,592.
- 1-17-56, Cl. 322-26.
- Federn, Klaus, to Carl Schenck Maschinenfabrik G. m. b. H. Photoelectrically controlled generator. 2,748,341.
- 5-29-56, Cl. 322-26.
- Federn, Klaus, to Carl Schenck Maschinenfabrik G. m. b. H. Hydraulic oscillating-load generators, particularly for material testing machines. 2,750,795.
- 6-19-56, Cl. 73-92.
- Federn, Klaus, H. Hack, and W. Kurz, to Carl Schenck Maschinenfabrik G. m. b. H. Apparatus for the balance centering of revolvable bodies. 2,746,299.
- 5-22-56, Cl. 73-461.
- Federn, Klaus, K. Ohly, and H. Haardt, to Carl Schenck Maschinenfabrik G. m. b. H. Resilient bearing support for balancing machines. 2,751,262.
- 6-19-56, Cl. 308-26.
- Federwitz, Theodore A., to Scriptomatic, Inc. Hectographic address duplicating machine. 2,771,837.
- 11-27-56, Cl. 501-53.
- Federwitz, Theodore A., to Business Systems, Inc. Feeding and delivering devices in hectographic address printers. 2,771,838.
- 11-27-56, Cl. 101-53.
- Fedevich, Joseph J. Mold carrier assembly. 2,757,485.
- 8-56, Cl. 258-56.
- Fedor, Andrew J.: *See*—  
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- Fedorchak, William J., to Owens-Illinois Glass Co. Inspecting interior surfaces of glass containers. 2,753,459.
- 7-3-56, Cl. 250-52.
- Feed Service Corp.: *See*—  
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- Feed-O-Matic Mfg. Corp.: *See*—  
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- Feeley, John L., to Westinghouse Electric Corp. Burnishing wheel. 2,763,105.
- 9-18-56, Cl. 51-207.
- Feeley, Robert S. Religious symbol. 2,769,266.
- 11-6-56, Cl. 41-34.
- Feehey, James F. Hypodermic syringe piston and actuating stem assembly. 2,736,315.
- 2-28-56, Cl. 128-218.
- Feehey, Robert J., to Chas. Pfizer & Co., Inc. Recovery of ergosterol. 2,730,539.
- 1-10-56, Cl. 260-397.25.
- Feehey, Thomas A., to Northrop Aircraft, Inc. Airplane safety control system. 2,758,806.
- 8-14-56, Cl. 244-85.
- Feehey, Thomas A., to Northrop Aircraft, Inc. Full powered human pilot-autopilot airplane control system. 2,773,659.
- 12-11-56, Cl. 244-76.
- Feer, Kurt, to Sulzer Freres, Societe Anonyme. Machine for making lengths of paper or cellulose. 2,774,284.
- 12-18-56, Cl. 92-44.
- Fegel, Albert.: *See*—  
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- Fegely, Hugh S., to Westinghouse Electric Corp. Servo system, including Ward-Leonard controlled servo motor. 2,769,123.
- 10-30-56, Cl. 318-29.
- Fegley, Charles R., to Textile Machine Works. Catchbar safety means for knitting machines. 2,745,270.
- 5-15-56, Cl. 66-110.
- Fegley, Marian F.: *See*—  
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- Bortnick, Newman M., and Fegley. 2,770,628.
- Fegley, Marian F., and N. M. Bortnick, to Rohm & Haas Co. Isomerization of diamino butynes. 2,752,343.
- 6-26-56, Cl. 260-240.
- Fehling, Hans R., to Compania Uruguaya de Fomento Industrial S. A. Ink reservoir tube. 2,732,829.
- 1-31-56, Cl. 120-42.
- Fehlmann, Hans B., to A. G. für Grundwasserbauten. Method and apparatus for the proportioned delivery of gas quantities. 2,768,951.
- 10-30-56, Cl. 210-28.
- Fehlmann, Hans B., to A. G. für Grundwasserbauten. Soil testing apparatus. 2,774,240.
- 12-18-56, Cl. 73-84.
- Feld, Robert O., C. S. Duckwall, R. J. Ringlee, and M. W. Heller, Jr., to General Electric Co. Dynamic balancing apparatus. 2,731,834.
- 1-24-56, Cl. 73-463.
- Fehrman, Ralph A. Cradle. 2,758,319.
- 8-14-56, Cl. 5-109.
- Feicht, Earl.: *See*—  
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- 12-18-56, Cl. 38-58.
- Feichtinger, Hans, to Ruhrchemie Aktiengesellschaft. Tricyclodecane (5,2,1,0<sup>9</sup>)-triol (4,8-9). 2,769,843.
- 11-6-56, Cl. 260-617.
- Feichtinger, Hans, and H. Tummes, to Ruhrchemie Aktiengesellschaft. Production of amino carboxylic acid compounds. 2,740,815.
- 8-56, Cl. 260-556.
- Feichtinger, Hans, and H. Tummes, to Ruhrchemie Aktiengesellschaft. Sultane-n-phosphoric acid diesters. 2,749,340.
- 6-5-56, Cl. 260-243.
- Feichtinger, Hans, and S. Puschhof, to Ruhrchemie Aktiengesellschaft. Aliphatic chain chlorination of amine hydrochlorides. 2,753,610.
- 9-18-56, Cl. 204-158.
- Feick, Daniel E., to United States Steel Corp. Electrostatic strip-oiling method and apparatus. 2,764,508.
- 9-25-56, Cl. 117-93.
- Feick, Daniel E., and E. E. Howell, to United States Steel Corp. Apparatus for detecting pin holes in sheets. 2,729,136.
- 1-3-56, Cl. 83-14.
- Feick, Daniel E., W. G. Gibbs, and R. E. Howell, to United States Steel Corp. Sheet piling mechanisms. 2,772,612.
- 12-4-56, Cl. 93-93.
- Feiertag, Arthur W., to Royal McBee Corp. Cutter block for grooving metal. 2,758,688.
- 9-30-56, Cl. 16-58.
- Feiertag, Karl M., to General Electric Co. Magnetic centrifugal device. 2,751,455.
- 6-19-56, Cl. 200-80.
- Feiertag, Karl M., to General Electric Co. Method of assembling a field coil on a stator. 2,764,802.
- 10-2-56, Cl. 29-135.58.
- Feil, Richard S., and J. Hagen, to Minneapolis-Honeywell Regulator Co. Moisture indicating apparatus. 2,742,780.
- 4-24-56, Cl. 73-73.
- Feighner, Claude E., to Northrop Aircraft, Inc. Method of insulating a clip. 2,758,947.
- 8-14-56, Cl. 117-212.
- Feigin, Leon, to Aviation Engineering Division, Avien-Knickerbocker, Inc. Differential stop mechanism. 2,744,416.
- 5-8-56, Cl. 74-414.
- Feigin, Leon, to Aviation Engineering Division, Avien-Knickerbocker, Inc. Densitometer. 2,765,662.
- 10-9-56, Cl. 73-453.
- Feigin, Robert, and M. P. Schwartz, to Geigy Chemical Corp. Solubilization of metallic-8-quinolinolates. 2,755,280.
- 7-17-56, Cl. 260-270.
- Feigl, Erich.: *See*—  
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- Feigl, Erich, to Standard Oil Products Co., Inc. Frequency meter. 2,773,987.
- 12-11-56, Cl. 250-40.
- Feigl, Erich F.: *See*—  
Artistingalt, Thomas W., and Feigl. 2,771,992.
- Feigley, David A., Jr., to Armstrong Cork Co. Beater saturation of asbestos fibers. 2,759,813.
- 8-21-56, Cl. 92-21.
- Feigley, David A., Jr., to Armstrong Cork Co. Method of making fibrous sheet material containing a synthetic rubber binder. 2,772,970.
- 12-4-56, Cl. 92-21.
- Feil, George W., Jr., to International Harvester Co. Cab mounting employing leaf springs. 2,754,146.
- 7-10-56, Cl. 296-35.
- Feild, Theophilus A., Jr.: *See*—  
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- Schoonover, Archie G., Feild, and Purse. 2,743,992.
- Feild, Theophilus A., Jr., J. J. Duggan, and D. J. Posten, to Union Carbide and Carbon Corp. Process and apparatus for fire protection. 2,761,515.
- 9-4-56, Cl. 169-1.
- Feilden, Geoffrey B. R., to Ruston & Hornsby Ltd. Turbine rotors. 2,743,080.
- 4-24-56, Cl. 253-39.15.
- Feilden, Geoffrey B. R., A. Simons, and R. Holl, to Power Jets (Research and Development) Ltd. Control device. 2,753,883.
- 7-10-56, Cl. 137-81.
- Feinberg, Albert E., to Advance Transformer Co. Transformer. 2,756,398.
- 7-14-56, Cl. 336-165.
- Feinberg, Albert E. Fluorescent lamp socket and lighting system. 2,767,349.
- 10-16-56, Cl. 315-97.



- Feinberg, Albert E., to Advance Transformer Co. Apparatus for starting and operating gaseous discharge devices. 2,774,010, 12-11-56, Cl. 315-138.
- Feinberg, Albert E., and F. S. Endo, to Advance Transformer Co. Ballast for gaseous discharge devices. 2,774,011, 12-11-56, Cl. 315-138.
- Feindel, George P.: *See*—  
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- Feindel, George P., to Rock Hill Printing & Finishing Co. Means for design coloring of fabric webs. 2,752,851, 1-3-56, Cl. 118-44.
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- Feins, Joseph S. Brake fluid leak detectors. 2,748,378, 5-29-56, Cl. 340-244.
- Feinstein, Edward: *See*—  
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- Feinstein, Edward. 1-3-56, Cl. 118-44.
- Feinstein, Edward. Apparatus for packing and sealing bag-like containers. 2,732,988, 1-31-56, Cl. 226-51.
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- Feinstein, Samuel S. Applicator for lipstick. 2,735,435, 2-21-56, Cl. 132-88.7.
- Fels, Nikolaas, to Instituut voor Tuinbouwtechniek. Atomizer for liquids. 2,746,802, 5-29-56, Cl. 299-140.
- Fels, René, to Schweizerische Lokomotiv- und Maschinenfabrik. Method of idling combustion product operated gas turbines and intercoupled rotatable elements subjected to external shock at irregular intervals. 2,737,017, 3-6-56, Cl. 60-39.03.
- Felt, Henry S., to International Standard Electric Corp. Impulse transmission systems. 2,770,777, 11-13-56, Cl. 332-1.
- Feltig, Henry G. Window opener. 2,738,953, 3-20-56, Cl. 254-131.
- Fekete, Janos: *See*—  
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- Feketics, Frank G., to Ace Engineering & Machine Co., Inc. Radio shielded enclosures. 2,753,390, 7-3-56, Cl. 174-35.
- Fekula, Alexander M., to The Gruen Watch Co. Price tag for watches or the like. 2,760,287, 8-28-56, Cl. 40-2.
- Felbeck, George T., G. Cook, and R. E. Cosner, to Union Carbide and Carbon Corp. Earth strata cutting indicators for remotely controlled bore mining machines. 2,752,591, 6-26-56, Cl. 340-261.
- Felch, Edwin P., to Bell Telephone Laboratories, Inc. Crystal oscillator apparatus. 2,775,699, 12-25-56, Cl. 250-36.
- Felch, Edwin P., and F. G. Merrill, to Bell Telephone Laboratories, Inc. Frequency multiplier apparatus. 2,743,367, 4-24-56, Cl. 250-36.
- Feldbauer, George F., and E. J. Gornowski, to Esso Research and Engineering Co. Fluid hydroforming process. 2,763,596, 9-18-56, Cl. 196-50.
- Felder, John L.: *See*—  
Burney, Henry P., Jr., and Felder. 2,758,033.
- Burney, Henry P., Jr., and Felder. 2,763,561.
- Feldman, Lloyd G.: *See*—  
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- Feldkamp, Roland F., to Sterling Drug Inc. 1-methyl-3-piperidylmethyl 2-thenoate, salts thereof, and preparation thereof. 2,760,965, 8-28-56, Cl. 260-293.4.
- Feldman, Albert W.: *See*—  
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- Smith, Allen E., Feldman, and Stone. 2,736,647.
- Smith, Allen E., Feldman, and Stone. 2,770,537.
- Feldman, Alfred. Clothes hanger attachment for chair backs. 2,734,638, 2-14-56, Cl. 211-86.
- Feldman, Glenn E., and C. H. Wurdeman. Automatic packing case opener. 2,768,435, 10-30-56, Cl. 30-2.
- Feldman, Samuel. Novelty cap construction. 2,735,109, 2-21-56, Cl. 2-195.
- Feldpausch, Victor: *See*—  
Noecker, Roy E., and Feldpausch. 2,754,830.
- Felchak, William. Adjustable centering threading tool holder. 2,753,617, 7-10-56, Cl. 29-97.5.
- Felz Alvarez, Francisco and J., to Enrique Clapes Massons. Electromagnetically operated pump for raising liquids. 2,732,806, 1-31-56, Cl. 103-53.
- Felz Alvarez, José: *See*—  
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- Felger, James N., to Olin Mathieson Chemical Corp. Mixer reaction apparatus. 2,739,876, 3-27-56, Cl. 23-252.
- Felger, James N., to Olin Mathieson Chemical Corp. Mixer. 2,747,974, 5-29-56, Cl. 23-284.
- Felice, Joseph J. Book support or lectern. 2,743,550, 5-1-56, Cl. 45-80.
- Felici, Noel, to Centre National de la Recherche Scientifique. Device for supplying stepped D. C. voltages. 2,737,625, 3-6-56, Cl. 323-79.
- Felici, Noel, and M. Point, to Societe Anonyme de Machines Electrostatiques. Electrostatic generator. 2,756,352, 7-24-56, Cl. 310-6.
- Felici, Noel, and E. Gartner. Electrostatic machine with enrobed inductor member. 2,767,335, 10-16-56, Cl. 310-6.
- Felix, James R.: *See*—  
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- Felker, Jean H., to Bell Telephone Laboratories, Inc. Transistor blocking oscillators. 2,745,012, 5-8-56, Cl. 250-36.
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- Felker, Lloyd L.: *See*—  
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- Heintz, James C., Jr., and Felker. 2,756,460.
- Felkner, Alphis O. Hydraulic stabilizer for cranes. 2,740,538, 4-1-56, Cl. 112-145.
- Fell Developments Ltd.: *See*—  
Fell, Louis F. R. 2,746,256.
- Fell, Eric T., to Stevensons (Dyers) Ltd. Permonosulfuric acid and sulphite treatment of wool and resulting product. 2,739,034, 3-20-56, Cl. 8-128.
- Fell, Louis F. R., to Fell Developments Ltd. Controls for multiple engine power plants. 2,746,256, 5-22-56, Cl. 60-97.
- Fell, William K.: *See*—  
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- Fellabaum, James R. Binder device. 2,731,939, 1-24-56, Cl. 116-119.
- Feller, Morris: *See*—  
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- Field, Edmund, and Feller. 2,731,453.
- Field, Edmund, and Feller. 2,767,160.
- Field, Edmund, and Feller. 2,771,463.
- Field, Edmund, and Feller. 2,773,053.
- Feller, Robert S. Gun trigger lock. 2,742,726, 4-24-56, Cl. 42-70.
- Fellman, Philip: *See*—  
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- Fellows Gear Shaper Co., The: *See*—  
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- Bean, Arthur I., and Kingston. 2,757,577.
- Kendall, Edward H. 2,749,805.
- Miller, Edward W. 2,750,929.
- Miller, Edward W. 2,749,803.
- Miller, Edward W. 2,756,642.
- Norton, Wendell P., Jr. 2,769,288.
- Fellows, Richard A., E. W. Hoover, and H. Brown, to The Udyite Research Corp. Electrodeposition of copper from an acid bath. 2,738,318, 3-13-56, Cl. 204-52.
- Fels & Co.: *See*—  
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- Felsa, A. G.: *See*—  
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- Felsa, A.: *See*—  
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- Meyer, Friedrich. 2,774,252.
- Felt, Adolph E., to A. O. Smith Corp. Propeller cuff. 2,729,297, 1-3-56, Cl. 170-159.
- Felt, Arthur J., to P. H. Collins, C. W. McDonnell, and S. W. Frisner. Hydraulic brake safety device. Re. 24,108, 1-10-56, Cl. 60-54.5.
- Felt, David C., and C. D. Mestierole, to Allen B. Du Mont Laboratories, Inc. Tuning mechanism. 2,731,837, 1-24-56, Cl. 74-10.54.
- Felt and Grant Mfg. Co.: *See*—  
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- Turck, Joseph A. V. 2,734,683.
- Turck, Joseph A. V. 2,759,671.
- Walker, Emil C., Jr. 2,753,117.
- Felten & Guilleaume Carlswerk A. G.: *See*—  
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- Horn, Heinz. 2,754,351.
- Horn, Heinz. 2,755,926.
- Feltman, John P., Jr. Airplane de-icing apparatus. 2,751,170, 6-19-56, Cl. 244-134.
- Felton, Charles, to Barber-Colman Co. Multiple record printing recorders. 2,734,170, 7-10-56, Cl. 346-139.
- Felton, Frederick D., and J. H. Bissell, to Revco Electric Co. Ltd. Cookers or refrigerators. 2,746,827, 5-22-56, Cl. 312-214.
- Felton, John H., to The Coca-Cola Co. Bottle holder for grocery carts. 2,763,413, 9-18-56, Cl. 224-42.46.
- Felton, Lloyd C., to Hynson, Westcott & Dunning, Inc. Amino compounds having antispasmodic properties. 2,766,238, 10-9-56, Cl. 260-247.7.
- Felton, W. Sidney: *See*—  
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- Feltwell, Bernard, to Manton Brothers Ltd. Switch actuating mechanism for set-up machines and the like. 2,730,587, 1-10-56, Cl. 200-61.58.
- Felty, Harry C.: *See*—  
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- Feminella, John G. Device for obtaining center registration in the construction of dentures. 2,756,503, 7-31-56, Cl. 32-19.
- Fendall Co.: *See*—  
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- Fender, Clarence L. Tremolo device for stringed instruments. 2,741,146, 4-10-56, Cl. 84-313.
- Fendrich, H.: *See*—  
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- Fenestra Inc.: *See*—  
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- Feng, Inc.: *See*—  
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- Fenimore, John R., to American Viscose Corp. Cake lifting tool. 2,758,219, 3-13-56, Cl. 294-93.
- Fenimore, John R. D. Pamphlet forming machine. 2,747,189, 5-29-56, Cl. 1-106.
- Fenkel, Morris H. Book protector. 2,757,939, 8-7-56, Cl. 281-20.

- Fennell Engineering Co.: *See—*  
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- Fenn, Edward F.: *See—*  
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- Fennelly, J. C., Co., Inc.: *See—*  
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- Fennema, Richard, A. E. Anderson, and W. L. Krueger, to Crane Co. Counterbalance spring unit for conduit gate valves. 2,749,083, 6-5-56, Cl. 251-167.
- Fenner, Eckhard, and A. Schmidt, to Siemens-Reiniger-Werke Aktiengesellschaft. Electrical discharge tube. 2,761,992, 9-4-56, Cl. 313-282.
- Fenner, J. H., & Co. (Holdings) Ltd.: *See—*  
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- Fenner, Raymond S. Strainer. 2,754,003, 7-10-56, Cl. 210-170.
- Fennis, Matthews J.: *See—*  
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- Fenske, Douglas H., to International Minerals & Chemical Corp. Nonlogging device for distributing granular material. 2,733,800, 2-7-56, Cl. 193-27.
- Fenske, Ellsworth R., and C. G. Gerhold, to Universal Oil Products Co. Hydrocarbon conversion process. 2,766,179, 10-9-56, Cl. 196-28.
- Fenske, Merrell R., and J. H. Jones, to Esso Research and Engineering Co. Separation of tertiary olefins. 2,775,633, 12-26-56, Cl. 200-67.
- Fenstermaker, Lester C.: *See—*  
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- Fenton, Alvin P.: *See—*  
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- Fenton, George D., and E. S. Tideman. Method of installing a clip in a coil spring. 2,764,809, 10-2-56, Cl. 29-513.
- Fenton, Sidney A. J.: *See—*  
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- Fentress, Arthur P., to Ethyl Corp. Purification device for alkali metal cells. 2,770,592, 11-13-56, Cl. 204-245.
- Fentress, David W., to Flexonics Corp. Tubing structure and method of making same. 2,767,740, 10-23-56, Cl. 138-51.
- Fenwick, Francis F. Hoisting sling. 2,771,315, 11-20-56, Cl. 294-74.
- Fenwick, Edgar W. Novelty television lamp. 2,769,260, 11-6-56, Cl. 40-77.
- Ferar, Montgomery, and C. W. Sundberg, to Sylvania Electric Products, Inc. Lighting and sound absorbing fixture. 2,759,093, 8-14-56, Cl. 240-2.
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- Ferguson, Rector C.: *See—*  
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- Ferguson, Rector C., to Allis-Chalmers Mfg. Co. Three point quick hitch means for semitrailing implements. 2,730,378, 1-10-56, Cl. 280-46.
- Ferguson, Rector C., to Allis-Chalmers Mfg. Co. Elevator drive means for corn harvesters. 2,751,740, 6-26-56, Cl. 56-18.
- Ferguson, Rector C., to Allis-Chalmers Mfg. Co. Means for mounting cotton picking unit on a tractor. 2,754,649, 7-10-56, Cl. 56-56.
- Ferguson, Rector C., to Allis-Chalmers Mfg. Co. Cotton harvester with mechanical and pneumatic conveying means. 2,754,050, 7-17-56, Cl. 56-30.
- Ferguson, Rector C., to Allis-Chalmers Mfg. Co. Cotton harvester with warning signal. 2,754,651, 7-17-56, Cl. 56-41.
- Ferguson, Rector C., to Allis-Chalmers Mfg. Co. Gathering and conveying means for corn harvester. 2,766,575, 10-16-56, Cl. 56-109.
- Ferguson, Rector C., to Allis-Chalmers Mfg. Co. Cotton picker slat. 2,768,494, 10-30-56, Cl. 56-42.
- Ferguson, Rector C., to Allis-Chalmers Mfg. Co. Implement suspension for agricultural machines. 2,771,017, 11-20-56, Cl. 94-47.64.
- Fergani, Walter P., to Post Machinery Co. Box blank folding machine. 2,733,643, 2-7-56, Cl. 93-49.
- Ferguson, Arthur P., to Houdaille Industries, Inc. Auxiliary bumper. 2,749,151, 6-5-56, Cl. 293-71.
- Ferguson, Arthur P., and G. W. Schatzman, to Houdaille Industries, Inc. Fender and fender shield assembly. 2,761,697, 9-4-56, Cl. 280-153.
- Ferguson, Alan C., to Hyde Mfg. Co. Razor blade scraper. 2,754,584, 7-17-56, Cl. 280-162.
- Ferguson, Albert C. Metallic awnings. 2,743,489, 5-1-56, Cl. 20-37.5.
- Ferguson, Alexander D., to General Electric Co. High speed circuit breakers. 2,755,355, 7-17-56, Cl. 200-102.
- Ferguson, Arlington A.: *See—*  
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- Ferguson, Carl. Decorating process. 2,739,112, 3-20-56, Cl. 204-130.
- Ferguson, Edgar A., Jr. Process of producing a sweetening composition. 2,761,783, 9-4-56, Cl. 99-141.
- Ferguson, Edgar A., Jr. Appetite satient composition. 2,773,785, 12-11-56, Cl. 131-17.
- Ferguson, Edna G.: *See—*  
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- Ferguson, Garwood W., to Becton, Dickinson and Co. Syringe. 2,756,748, 7-31-56, Cl. 128-220.
- Ferguson, Garwood W., to Becton Dickinson and Co. Hypodermic injection mechanism. 2,764,977, 10-2-56, Cl. 128-173.
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- Ferguson, Harry, Research Ltd.: *See—*  
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- Ferguson, Henry A., K. C. Boyle, and J. F. Ziskal, to International Harvester Co. Lubrication system for tractor change-speed gear transmission. 2,743,789, 5-1-56, Cl. 184-11.
- Ferguson, Henry G., A. Senkowski, and W. H. Harrow, to Harry Ferguson, Inc. Piston and cylinder construction for internal combustion engine. 2,735,416, 2-21-56, Cl. 123-191.
- Ferguson, J. L., Co.: *See—*  
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- Ferguson, James R.: *See—*  
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- Ferguson, James R., 1/2 to Bristol Steel & Iron Works, Inc. Traffic signal. 2,736,879, 4-23-56, Cl. 340-84.
- Ferguson, James R., 1/2 to Bristol Steel & Iron Works, Inc. Headlight unit for motor vehicles. 2,744,209, 5-1-56, Cl. 313-111.
- Ferguson, James R., 1/2 to Bristol Steel & Iron Works, Inc. Headlight unit for motor vehicles. 2,744,210, 5-1-56, Cl. 313-111.
- Ferguson, John H., to Bendix Aviation Corp. Centrifugal switch mechanism. 2,767,273, 10-16-56, Cl. 200-80.
- Ferguson, John L., and R. C. Talbot, to J. L. Ferguson Co. Package handling apparatus. 2,750,722, 6-19-56, Cl. 53-72.
- Ferguson, John L., and R. C. Talbot, to J. L. Ferguson Co. Package handling apparatus. 2,750,856, 6-19-56, Cl. 93-53.
- Ferguson, John L., and R. C. Talbot, to J. L. Ferguson Co. Apparatus for handling packages. 2,756,553, 7-31-56, Cl. 53-159.
- Ferguson, Joseph V., II: *See—*  
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- Ferguson, Lachlan G., and C. G. Montanaro, Jr., to Northrop Aircraft, Inc. Quickly detachable wheeled tow bar. 2,773,703, 12-11-56, Cl. 280-476.
- Ferguson, Mfg. Co., Inc.: *See—*  
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- Ferguson, Norman G.: *See—*  
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- Ferguson, Reeser S. Portable cutting machines. 2,752,998, 7-3-56, Cl. 164-56.
- Ferguson, Richard, to The Terrell Machine Co. Robbin stripper and method. 2,732,609, 1-31-56, Cl. 28-20.
- Ferguson, Robert N., to H. K. Porter, Inc. Power hammer actuated sheet metal reshaping tool. 2,748,637, 6-5-56, Cl. 81-15.
- Ferguson, Robert O., deceased; J. R. Ferguson, administrator, 1/2 to Bristol Steel & Iron Works, Inc. Tobacco pipe. 2,731,018, 1-17-56, Cl. 131-195.
- Ferguson, Thomas B. Combination table and auxiliary table support. 2,738,244, 3-13-56, Cl. 311-2.
- Ferguson, Vernon E. Valve for fire extinguisher. 2,730,179, 1-10-56, Cl. 280-46.
- Ferguson, Vernon H. Industrial furnace safety device. 2,738,967, 3-20-56, Cl. 263-1.
- Ferguson, William C., and T. L. Wilcox, Jr., to Anderson Box Co. Locking device for containers. 2,768,778, 10-30-56, Cl. 202-45.
- Ferguson, William S. Clutch control. 2,738,043, 3-13-56, Cl. 192-096.
- Ferguson, William S., and J. V. Ferguson, II. Gin fire extinguisher. 2,740,163, 4-3-56, Cl. 19-39.
- Ferguson, William T., to E. G. Ferguson. Tamping machine. 2,746,367, 5-22-56, Cl. 94-49.
- Feridax Ltd.: *See—*  
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Solloway, Norman J., 2,770,125.
- Ferlauto, Robert J., and J. J. Gulesich, to Smith, Kline & French Laboratories, 2,738,300, 3-13-56, Cl. 167-65.
- Ferleger, George, to Penn Wax Works, Inc. Ornamental candle. 2,735,285, 2-21-56, Cl. 67-21.
- Fern, Robert, to Standard Oil Co. Dehydrating LPG containing carbonyl sulfide with silica gel. 2,772,208, 11-27-56, Cl. 196-4.
- Ferm, William P., and W. C. Chaffee, to Gardner-Denver Co. Multiple nut setter. 2,742,807, 4-24-56, Cl. 81-54.



- Ferm, William P., and C. A. Sorensen, to Gardner-Denver Co. Power operated screw setter. 2,762,403, 9-11-56, Cl. 144-32.
- Fermanian, Armen, and H. W. Schaufelberger, to Western Electric Co., Inc. Assembling fixture. 2,755,760, 7-24-56, Cl. 113-99.
- Fermuterie Invisible S. A.: See—  
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- Ferni, Enrico, and H. L. Anderson, to the United States of America as represented by the United States Atomic Energy Commission. Testing material in a neutronic reactor. 2,768,134, 10-23-56, Cl. 204-154.
- Fernandez Audicio, Adolfo. Cylinder lock mechanism. 2,772,557, 12-4-56, Cl. 70-363.
- Fernandez, Jose V. Apparatus for decorating or printing on certain surfaces with different colors. 2,759,529, 3-27-56, Cl. 101-115.
- Fernandez, Jose V. Apparatus for decorating or printing on concave or convex surfaces. 2,739,532, 3-27-56, Cl. 101-126.
- Fernandez, José V. Apparatus for decorating concave and convex surfaces. 2,745,333, 5-15-56, Cl. 101-41.
- Fernandez, Serafin S. Shoe shining machine. 2,769,993, 11-13-56, Cl. 15-97.
- Ferneau, Richard H., and M. E. Mile, to Washington Mortuary Supply Co. Multi-level ambulance cot. 2,747,919, 2-29-56, Cl. 296-20.
- Fernst, George W., to The Goodyear Tire & Rubber Co. Rubber hydrochloride film. 2,743,482, 5-1-56, Cl. 18-47.5.
- Fernroth, Arthur L. Bed bottoms. 2,736,907, 3-6-56, Cl. 5-191.
- Fernsler, George L., to the United States of America as represented by the Secretary of the Navy. Sweep voltage systems. 2,743,379, 4-24-56, Cl. 315-12.
- Fernstrum, Robert W., to Marine Products Co. Dual impeller pump. 2,734,457, 2-14-56, Cl. 103-4.
- Fero Corp.: See—  
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- Fero, Arne. Oil motor. 2,754,766, 7-17-56, Cl. 103-136.
- Fero, Arne. Variable pitch propeller. 2,763,329, 9-18-56, Cl. 170-160.47.
- Ferrand, Louis. Fused salt electrolytic cells. 2,731,412, 1-17-56, Cl. 201-223.
- Ferrando, Giuseppe. Deodorant releasing device for toilets. 2,761,151, 9-4-56, Cl. 4-225.
- Ferrando, Juan V. and P. V. Underwater spear gun. 2,736,308, 2-28-56, Cl. 124-13.
- Ferrando, Pedro V.: See—  
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- Ferranti Ltd.: See—  
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- Ferrara, Benjamin. Screw holder for screw driver. 2,756,791, 7-31-56, Cl. 145-50.
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- Ferrari, Andres, Jr.: See—  
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- Ferrari, Francesco, to Etablissements Vinox. Reciprocating air-compressor actuated by a double-vibration vibrator for alternating current. 2,743,052, 4-24-56, Cl. 230-55.
- Ferrari, Giorgio: See—  
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- Ferrari, Michael A. Dishwashing tool. 2,759,209, 8-21-56, Cl. 15-128.
- Ferrari, Vittorio E. and G. Process for preparing ethanol-2-aminophosphoric acid. 2,730,542, 1-10-56, Cl. 260-461.
- Ferraris, John T.: See—  
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- Ferraris, John T., to Electrolux Corp. Control for automatic vacuum cleaners. 2,732,910, 1-31-56, Cl. 183-37.
- Ferraris, John T., to Electrolux Corp. Automatic vacuum cleaner switch. 2,737,262, 3-6-56, Cl. 183-37.
- Ferraro, Frank. Vanity case. 2,734,517, 2-14-56, Cl. 132-83.
- Ferraro, Luigi: See—  
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- Ferrarotti, Giuseppe, and P. Guasso. Shock absorber with rubber valve. 2,760,603, 8-28-56, Cl. 188-88.
- Ferris, Maurice, to Schlumberger Well Surveying Corp. Methods and means for preventing deterioration of electrodes in measuring systems utilizing unidirectional electrical signals. 2,743,414, 4-24-56, Cl. 324-1.
- Ferree, Joseph A.: See—  
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- Ferre, A. T., & Co.: See—  
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- Ferrell, Enoch B.: See—  
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- Ferrell, Walter O., to The Richardson Co. Molded milk bottles. 2,758,742, 8-14-56, Cl. 220-21.
- Ferren, Robert P., to American Can Co. Method of canning dates. 2,760,872, 8-28-56, Cl. 99-186.
- Ferretto, Amadeo: See—  
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- Ferri, Antonio. Air inlet for supersonic airplane or missile. 2,772,620, 12-4-56, Cl. 98-1.
- Ferri, Antonio, and I. R. Schwartz. Rotating flow combustor. 2,755,623, 7-24-56, Cl. 60-39.72.
- Ferri, Tito A. Awning window. 2,766,493, 10-16-56, Cl. 20-62.
- Ferrier, Maurice, to Bulova Watch Co., Inc. Luminous indicating article. 2,756,344, 7-24-56, Cl. 250-72.
- Ferrier, Peter H. Wheel suspension having coil springs and dual axle. 2,744,765, 5-8-56, Cl. 280-124.
- Ferries, Jack R. Paste dispenser. 2,743,038, 4-24-56, Cl. 22-95.
- Ferris, Ann T. Mobile extensible type race starting gate. 2,770,219, 11-13-56, Cl. 119-15.5.
- Ferris, Ernest A.: See—  
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- Ferris, Ernest A., to Borg-Warner Corp. Torque limiting device. 2,743,803, 5-1-56, Cl. 192-41.
- Ferris, Ernest A., to Borg-Warner Corp. One-way engaging device. 2,750,019, 6-12-56, Cl. 192-45.1.
- Ferris, Franklin L. Portable graphic arts work chest. 2,739,863, 1-19-56, Cl. 319-231.6.
- Ferris, John W. Coupling device for model railway cars. 2,738,079, 3-13-56, Cl. 213-75.
- Ferris, Lockwood W., to Compania Salitrera Anglo-Lautaro (Anglo-Lautaro Nitrate Corp). Froth flotation of astrakanite. 2,765,077, 10-2-56, Cl. 209-166.
- Ferris Mfg. Co., The: See—  
Stingl, Joseph. 2,743,982.  
Stingl, Joseph. 2,743,983.
- Ferris, Robert G., to Starline, Inc. Revolving head ventilator. 2,763,197, 9-18-56, Cl. 98-68.
- Ferris, Robert G., to Starline, Inc. Animal operated water boiler. 2,764,960, 10-2-56, Cl. 119-75.
- Ferris, Seymour W., to Sun Oil Co. Laminated sheet material. 2,730,476, 1-10-56, Cl. 154-50.
- Ferris, Seymour W., J. D. Tench, and I. N. Duling, Jr., to Sun Oil Co. Wax composition. 2,734,365, 2-14-56, Cl. 67-22.
- Ferris, Walter, to The Oilgear Co. Axial type pump with stationary cylinders. 2,737,894, 3-13-56, Cl. 103-5.
- Ferris, Walter, to The Oilgear Co. Axial type pump. 2,737,895, 3-13-56, Cl. 103-38.
- Ferris, Walter, to The Oilgear Co. Piston and connecting rod. 2,752,214, 6-12-56, Cl. 309-20.
- Ferris, Walter, to The Oilgear Co. Steering control for industrial truck with hydraulic wheel drive motors. 2,774,434, 12-18-56, Cl. 180-6.3.
- Ferris, Walter, to The Oilgear Co. Hydraulic drive for industrial trucks and combined engine and pump control therefor. 2,774,438, 12-18-56, Cl. 150-46.
- Ferro, Anthony J., to Read Standard Corp. Pusher bar retractor for bread cooler. 2,736,419, 2-28-56, Cl. 198-75.
- Ferro, Bernardo J., Jr., to Phillips Petroleum Co. Controlling rich oil with constant kettle temperature by varying the water content of the kettle section. 2,749,281, 6-5-56, Cl. 196-8.
- Ferro Chemical Corp.: See—  
Elliott, Stanley B., and Nicholson. 2,756,233.
- Ferro Corp.: See—  
Elliott, Stanley B. 2,754,210.  
Lally, Robert E., and O'Hara. 2,734,881.  
Nicholson, Albright M., and Elliott. 2,770,626.  
Peterson, Forrest W. 2,729,872.  
Vana, Charles A., and Di Geronimo. 2,732,290.
- Ferro, Donald E., to Clark Equipment Co. Electrically controlled positioning mechanism for tractor shovels and the like. 2,754,984, 1-17-56, Cl. 214-140.
- Ferro Electric Products, Inc.: See—  
Ulrich, Clarence. 2,739,208.
- Ferro Stamping Co.: See—  
Pickles, Joseph. 2,772,877.
- Ferruci, Tony F. Cardboard frames. 2,772,499, 12-4-56, Cl. 40-157.
- Ferry, Chamberlain: See—  
Roby, Sheldon S., and Ferry. 2,773,148.
- Ferry, Donald W.: See—  
Bowman, Walter J., and Ferry. 2,735,700.
- Ferry, Edmund J. Combined brake and power control. 2,759,579, 8-21-56, Cl. 192-3.
- Ferwerda, Ray. Bucket ejector for digging apparatus. 2,772,011, 11-27-56, Cl. 214-510.
- Ferwerda, Ray. Thmas. Anti-blackout device. 2,760,484, 3-28-56, Cl. 120-1.
- Fessia, Antonio, to Fiat Societa per Azioni. Air intake and delivery device for the inner compartment of motor vehicle bodies. 2,766,836, 10-16-56, Cl. 180-54.
- Fessler, Frank, to J. J. Gustat, to P. F. McDevitt, to E. W. Phillips, to C. W. Hutchinson, to A. J. Blake, to R. L. Lamb, to F. Fessler, and to R. Low. Tobacco smoker's article. 2,762,376, 9-11-56, Cl. 131-194.
- Fessler, Wilhelm, to Robert Bosch G. m. b. H. Armature for generators. 2,758,230, 8-7-56, Cl. 310-265.
- Fest, Erich, to Firma Apparatebau G. m. b. H. Rotary filters. 2,741,369, 4-10-56, Cl. 210-201.
- Feste, Stephen K. Wood veneer vest. 2,749,552, 6-12-56, Cl. 2-92.
- Festo-Maschinenfabrik Gottlieb Stoll: See—  
Stoll, Gottlieb, and Schrag. 2,751,944.
- Fetchin, John, to Phillips Petroleum Co. Process for separation of C<sub>4</sub> hydrocarbons and solvent therefor. 2,750,435, 6-12-56, Cl. 260-850.
- Fetherston, Robert T.: See—  
Jenney, Ray S., and Fetherston. 2,744,611.  
Jenney, Ray S., Fetherston, and Miller. 2,744,609.
- Fetter, Gladys I. Dryer and holder for plastic bags and similar objects. 2,729,413, 1-3-56, Cl. 248-159.

- Fetterly, Lloyd C., to Shell Development Co. Crystalline complexes of sulfur compounds with urea. 2,746,948, 5-22-56, Cl. 260—96.5.
- Fetterly, Lloyd C., to Shell Development Co. Production of polymethylbenzenes. 2,756,261, 7-24-56, Cl. 260—668.
- Fettkether, Donald L.: *See—*
- Fettkether, Louis and D. L. 2,729,365.
- Fettkether, Louis and D. L. Automatic liquid feeder. 2,729,365, 1-3-56, Cl. 222—305.
- Fetzer, Walter R., to Standard Brands Inc. Caramel color manufacture from starch hydrolysates. 2,767,108, 10-16-56, Cl. 127—34.
- Fetzer, Walter R., to Standard Brands Inc. Acid-heat treatment of starch syrups and the resulting products. 2,767,109, 10-16-56, Cl. 127—34.
- Fetzer, Walter R., to Standard Brands Inc. Method of producing non-crystallizing hydrol. 2,770,562, 11-13-56, Cl. 127—34.
- Fetzner, Frank J., to The Cleveland Trencher Co. Bucket cleaner for excavating machine. 2,730,821, 1-17-56, Cl. 37—97.
- Feucht, Jacob E., to Cleveland Rock Drill Division, Westinghouse Air Brake Co. Intermittent rotation mechanism with overload release. 2,737,818, 3-13-56, Cl. 74—127.
- Feucht, Jacob E., to Cleveland Rock Drill Division, Westinghouse Air Brake Co. Intermittent rotation mechanism with overload release. 2,737,819, 3-13-56, Cl. 74—127.
- Feucht, Jacob E., to Westinghouse Air Brake Co. Portable drill rig. 2,762,609, 9-11-56, Cl. 255—51.
- Feucht, Jacob E., to Westinghouse Air Brake Co. Pilot actuated compensating pressure regulator. 2,767,726, 10-23-56, Cl. 137—45.
- Feucht, Jacob E., to Cleveland Rock Drill Division, Westinghouse Air Brake Co. Rock drill front end. 2,767,957, 10-23-56, Cl. 255—38.
- Feuer, Henry, and U. L. Hart to Research Corp. N-alkylol unsaturated amides. 2,760,977, 8-28-56, Cl. 260—56.
- Feuerlein, Hugo F. Sickle bar drive adaptor for attachment to reel type mower. 2,770,089, 11-13-56, Cl. 56—238.
- Feuge, Reuben O., E. J. Vicknair, and K. S. Markley, to the United States of America as represented by the Secretary of Agriculture. Glyceride mixtures exhibiting unique properties and process for their production. 2,745,749, 5-15-56, Cl. 99—118.
- Feussner, Jacob. Electrical fire alarm. 2,760,030, 8-21-56, Cl. 200—137.
- Feustel, Ernest A. Carrier tube. 2,730,882, 1-17-56, Cl. 128—123.
- Few, William, to The Clark Controller Co. D. C. motor control. 2,769,130, 10-30-56, Cl. 318—331.
- Few, William, and J. D. Sauter, to The Clark Controller Co. Automatic current regulating apparatus. 2,744,230, 5-1-56, Cl. 322—27.
- Few, William, and J. D. Sauter, to The Clark Controller Co. Control circuits. 2,759,139, 8-14-56, Cl. 321—16.
- Fewster, James F., and J. W. Noble, to Motion, Inc. Display device. 2,734,295, 2-14-56, Cl. 40—32.
- Fey, Mathias J., and H. M. Ray, to Nichols Wire & Aluminum Co. Continuous casting apparatus. 2,749,584, 6-12-56, Cl. 22—57.4.
- Fiala-Fernbrugg, Benno. Double-piston, internal combustion engine. 2,731,002, 1-17-56, Cl. 123—51.
- Fiant, Wesley A. Rubber tipped nozzle. 2,755,968, 7-24-56, Cl. 222—121.
- Fiat Metal Mfg. Co.: *See—*
- Aarnio, Reino. 2,774,973.
- Fiat S. p. A.: *See—*
- Giaccosa, Dante. 2,730,185.
- Giaccosa, Dante. 2,755,100.
- Fiat Societa per Azioni: *See—*
- Pessia, Antonio. 2,766,836.
- Giaccosa, Dante. 2,774,006.
- Fiber Processors, Inc.: *See—*
- Fabian, Frank. 2,738,271.
- Fiberbond Laboratories, Inc.: *See—*
- Lawrence Beardsley. 2,759,520.
- Fibra A. G.: *See—*
- Luchsinger, Ernst. 2,748,581.
- Fibre Metal Products Co., The: *See—*
- Bowers, Charles E., Sr. 2,755,476.
- Bowers, Charles E., Sr. 2,763,863.
- Bowers, Frederick. 2,750,593.
- Maillart, Edmond B. 2,759,188.
- Woodard, Raymond G. 2,759,187.
- Fibreboard Products Inc.: *See—*
- Benschoter, James C. 2,761,611.
- Halgren, Peter N. 2,757,834.
- Lubersky, Albert R. 2,755,086.
- Smith, Monroe F. 2,733,225.
- Wilcox, William H. 2,743,651.
- Ficarra, Samuel. Device for handling bowling pins. 2,732,208, 1-24-56, Cl. 273—54.
- Fichera, Salvatore. Blade mounting fixture. 2,761,252, 9-4-56, Cl. 51—92.
- Fichtel & Sachs A. G.: *See—*
- Binder, Richard. 2,746,585.
- Binder, Richard. 2,760,360.
- Binder, Richard. 2,766,892.
- Binder, Richard, and Ludwig. 2,748,913.
- Fick, Armin F., C. R. Rasmussen, and H. C. Thayer, Jr., to Western Electric Co., Inc. Apparatus for intertwinning wires. 2,775,266, 12-25-56, Cl. 140—115.
- Fickel, Lester E., to Ranco Inc. Snap switch mechanism. 2,770,693, 11-13-56, Cl. 200—67.
- Ficken, Wilbert A. Thrower type wheel excavator. 2,746,180, 5-22-56, Cl. 37—92.
- Fidelity Machine Co., Inc.: *See—*
- Lankford, Walter. 2,730,880.
- Fidelity Service, Inc.: *See—*
- Asbury, Charles T. 2,733,257.
- Fidelity Trust Co.: *See—*
- Biggett, Florence C., Jr. 2,753,689.
- Fidler, Robert E., to The Mason Products, Inc. Ball joint and method of assembling same. 2,761,715, 9-4-56, Cl. 287—90.
- Fieber, Herman P. Crash seat. 2,735,476, 2-21-56, Cl. 155—9.
- Fieber, Herman P. Adjustable steering column. 2,770,981, 11-20-56, Cl. 74—493.
- Fieber, Walter F., to Food Machinery and Chemical Corp. Spray boom. 2,770,493, 11-13-56, Cl. 299—89.
- Fiebing, Karl E., and H. Zutraun, to Moran, Procter, Mueser & Rutledge. Berthing pier. 2,759,331, 8-21-56, Cl. 61—48.
- Fiechman, Martin, to Sylvan Electric Products Inc. Dynamic phase shifter. 2,753,519, 7-3-56, Cl. 323—122.
- Fiedler, Richard J., to Assembly Products, Inc. Battery charger control. 2,763,820, 9-18-56, Cl. 317—152.
- Fiedler, William F. Christmas tree accessory. 2,749,638, 6-12-56, Cl. 47—12.
- Fiedler, William H.: *See—*
- Kastner, John J. 2,752,986.
- Fiedler, Willy A. Split aircraft wing. 2,743,887, 5-1-56, Cl. 244—43.
- Fiedor, Ludwig F. Vehicle suspension mechanism. 2,744,749, 11-20-56, Cl. 267—56.
- Field, Albert. Abraiding implement. 2,734,321, 2-14-56, Cl. 51—190.
- Field, Albert. Abrading implement. 2,771,720, 11-27-56, Cl. 51—193.5.
- Field, Albert. Abrading implement. 2,771,722, 11-27-56, Cl. 51—193.5.
- Field, Arthur P., to the United States of America as represented by the Secretary of the Army. Mechanical fuse for grenades. 2,748,706, 6-5-56, Cl. 102—76.
- Field, Crosby. Congealed product and apparatus and means for making same. 2,746,363, 5-22-56, Cl. 62—7.
- Field, Crosby. Plastics Corp. Laminae freezer. 2,747,379, 5-29-56, Cl. 62—106.
- Field, Edmund, and M. Feller, to Standard Oil Co. Group VI A oxide-alkaline earth metal hydride catalyzed polymerization of olefins. 2,731,452, 1-17-56, Cl. 260—85.1.
- Field, Edmund, and M. Feller, to Standard Oil Co. Conversion of ethylene and propylene to solid polymers with groups 6a metal oxides and complex metal aluminum hydride catalysts. 2,731,453, 1-17-56, Cl. 260—88.1.
- Field, Edmund, and M. Feller, to Standard Oil Co. Nickel oxide on carbon-alkali metal hydride catalyst in ethylene polymerization. 2,767,160, 10-16-56, Cl. 260—94.9.
- Field, Edmund, and M. Feller, to Standard Oil Co. Catalytic process for ethylene employing nickel on carbon and alkali metal. 2,771,463, 11-20-56, Cl. 260—94.9.
- Field, Edmund, and M. Feller, to Standard Oil Co. Ethylene polymerization with catalyst of group VA metal oxide and alkaline earth hydride. 2,773,053, 12-4-56, Cl. 260—94.9.
- Field, Edward A. Barometric draft regulator and burner control. 2,761,494, 9-4-56, Cl. 158—1.
- Field, Harmon L. Vertically adjustable platform attachment for shoes. 2,747,300, 5-29-56, Cl. 36—7.5.
- Field, Howard, Jr.: *See—*
- Lewis, Howard B., Larson, and Field. 2,761,592.
- Field, Leonard D., and S. Chidel. Inspection apparatus. 2,765,538, 10-9-56, Cl. 33—174.
- Field, Lester M., to The Board of Trustees of the Leland Stanford Junior University. Travelling wave tubes. 2,749,472, 6-5-56, Cl. 315—3.5.
- Field, Lester M., to The Board of Trustees of the Leland Stanford Junior University. Travelling wave tubes. 2,760,102, 8-21-56, Cl. 315—3.5.
- Field, Lester M., to The Board of Trustees of the Leland Stanford Junior University. Space charge wave amplifiers. 2,762,948, 9-11-56, Cl. 315—3.6.
- Field, Lester M., and S. F. Kaisel, said Field assor, to The Board of Trustees of the Leland Stanford Junior University. Travelling wave tube apparatus. 2,774,006, 12-11-56, Cl. 315—3.5.
- Field, Oscar S., to General Railway Signal Co. Time element relay. 2,748,857, 6-5-56, Cl. 161—1.
- Field, Oscar S., to General Railway Signal Co. Replaceable contact arms for relays. 2,750,478, 6-12-56, Cl. 200—166.
- Field, Oscar S., and R. W. Hewes, to General Railway Signal Co. Changeable indicator. 2,731,632, 1-17-56, Cl. 340—378.
- Field, Richard E.: *See—*
- Albus, Charles P., and Field. 2,742,371.
- Field, Richard P., to Balcrank, Inc. Sealed follow-plate for lubricant dispensers. 2,735,586, 2-21-56, Cl. 222—260.
- Field, Walter P. Last construction. 2,732,571, 1-31-56, Cl. 12—138.
- Field, William H., Co., Inc.: *See—*
- French, Warren F. 2,754,634.
- Fieldcrest Mills, Inc.: *See—*
- Frederick, Frank V. 2,764,867.
- Hayden, Martin W. 2,749,116.
- MacIsaac, John T., Jr. 2,757,624.
- MacIsaac, John T., Jr., and Self. 2,738,746.
- Moberg, Ivar O. 2,742,960.
- Fielden, John E., to Robertshaw-Fulton Controls Co. Follow-up control for indicator. 2,735,052, 2-14-56, Cl. 318—31.



- Fielden, Marvel L.: *See*—  
Cronheim, Georg E., Leake, and Fielden. 2,765,305.
- Fielding, Eric C., to International Standard Electric Corp. Time delay mechanism. 2,774,422, 12-18-56, Cl. 161-1.
- Fielding, Sterling A.: *See*—  
Strandell, John H., and Fielding. 2,754,923.
- Fielding, Sterling A. Dishwasher. 2,745,417, 5-15-56, Cl. 134-38.
- Fields, Arnold C., to Westinghouse Electric Corp. Electrostatic precipitator. 2,735,509, 2-21-56, Cl. 183-7.
- Fields, Clesent O.: *See*—  
Smith, Marvin M., and Fields. 2,746,574.
- Fields, Ellis K.: *See*—  
Brehm, Allen E., and Fields. 2,772,148.  
Hoff, Melvern C., Watson, and Fields. 2,758,089.  
Sabot, Albert R., Fields, and Karll. 2,749,311.
- Fields, Ellis K., to Standard Oil Co. Organo-metallic derivatives of phosphorus sulfide-hydrocarbon reaction products and lubricants containing same. 2,753,306, 7-3-56, Cl. 252-46.4.
- Fields, Ellis K., to Standard Oil Co. Corrosion resistant lubricant composition. 2,764,547, 9-25-56, Cl. 252-32.7.
- Fie, E. L., to Standard Oil Co. Lubricant. 2,768,954, 10-30-56, Cl. 252-46.6.
- Fields, Ellis K., to Standard Oil Co. Reaction product of hexachlorocyclopentadiene with thiol compounds and lubricants containing same. 2,773,832, 12-11-56, Cl. 252-48.8.
- Fields, Ellis K., and R. W. Watson, to Standard Oil Co. Lubricant. 2,760,932, 8-28-56, Cl. 252-32.7.
- Fields, Ellis K., and C. S. Scanley, to Standard Oil Co. Lubricants. 2,760,933, 8-28-56, Cl. 252-32.7.
- Fields, Ellis K., and R. W. Watson, to Standard Oil Co. Corrosion inhibitors and compositions containing the same. 2,759,289, 10-2-56, Cl. 252-33.6.
- Fields, Ernest. Toy weapon carrier. 2,735,221, 2-21-56, Cl. 46-20.2.
- Fields, Ernest. Toy track system. 2,756,687, 7-31-56, Cl. 104-55.
- Fields, Paul R.: *See*—  
Barnes, Raymond F., Diamond, and Fields. 2,739,979.
- Fields, Wayne. Projectile discharging and cap exploding device. 2,758,585, 8-14-56, Cl. 124-2.
- Fienberg, Nathan, and A. R. Calder, to A. C. I. Plastics Proprietary Ltd. Moulding apparatus. 2,744,288, 5-8-56, Cl. 18-20.
- Fierce, William L.: *See*—  
Sandner, Walter J., and Fierce. 2,775,545.
- Fierce, William L., and G. W. Crosby, to The Pure Oil Co. Method of separating organic acids from petroleum oils by extracting the oil with an aqueous mixture of an amine and an alcohol. 2,769,767, 11-6-56, Cl. 196-41.
- Fierce, William L., and G. W. Crosby, to The Pure Oil Co. Method of removing high molecular weight naphthenic acids from hydrocarbon oils. 2,769,768, 11-6-56, Cl. 17-41.
- Fierstein, Jean C., E. R. Lieberman, Z. W. Wicks, Jr., and H. Ynska, to Interchemical Corp. Textile decorating with compositions comprising an aqueous acetic acid solution of a resinous polyamine and hexahydro-1,3,5-triacrylyl-S-triazine. 2,744,035, 5-1-56, Cl. 117-161.
- Fies, Emerson E., to Tribune Co. Lock-up device for flexible printing plate. 2,768,379, 10-30-56, Cl. 101-415.1.
- Fieser, Louis F., and E. B. Hershberger, to the United States of America as represented by the Secretary of War. Burster. 2,742,856, 4-24-56, Cl. 102-6.
- Fiet, Owen O., to Radio Corp. of America. Diplexer and sideband filter arrangement. 2,763,839, 9-18-56, Cl. 333-11.
- Fiet, Owen O., to Radio Corp. of America. Directional coupler. 2,764,739, 9-25-56, Cl. 333-10.
- Fieux, Jean,  $\frac{1}{2}$  to Societe des Forges et Ateliers du Creusot. Apparatus for detecting and transmitting the pitching and rolling angles on board a ship, aircraft or like craft. 2,758,478, 8-14-56, Cl. 74-5.34.
- Fievat, Henri, to Societe Technique et Commerciale d'Installations Industrielles Luceat. Safety valve, notably for hydrocarbon reservoirs and pipings. 2,774,373, 12-18-56, Cl. 137-490.
- Fife, C. C., to C. C. Fish lure retriever. 2,765,567, 10-9-56, Cl. 43-170.
- Figdor, Hans G., to Pioneer Chemical Works, Inc. Defoaming agents. 2,753,309, 7-3-56, Cl. 252-358.
- Fike, Elmer A., and H. L. Morrill, to Monsanto Chemical Co. Emulsifying and dispersing agents. 2,731,333, 1-17-56, Cl. 17-2.6.
- Fike, Elmer A., and W. H. Seaton, to Monsanto Chemical Co. Detergent compositions. 2,744,874, 5-8-56, Cl. 252-161.
- Filachione, Edward M., to the United States of America as representative Secretary of Agriculture. Tanning with tetraakis-(hydroxymethyl)phosphonium chloride. 2,732,278, 1-24-56, Cl. 8-94.33.
- Filachione, Edward M., C. F. Woodward, and J. E. Hansen, to the United States of America as represented by the Secretary of Agriculture. Vulcanization of copolymers of methacrylonitrile and alkyl acrylate with a mixture of sulfur and triethylene tetramine. 2,732,361, 1-24-56, Cl. 260-41.
- Filar, Leo J., to Hercules Powder Co. Manufacture of phenols. 2,744,143, 5-1-56, Cl. 260-621.
- Filbey, Emery T., trustee: *See*—  
Kraybill, Henry R. 2,746,870.
- Filer & Stowell Co., The: *See*—  
Denton, Joseph A. 2,761,473.
- Filippi, Alberto, and A. Malafarina, to Societa per Azioni Atoma. Dial devices for scales or the like for disengaging and automatically restoring the pointer into preestablished position. 2,768,946, 10-30-56, Cl. 116-129.
- Filipiak, Walter B. Cross laced fishing fly body. 2,752,720, 7-3-56, Cl. 43-42.25.
- Filipowicz, Chester J.: *See*—  
Leparske, Jean N., and Filipowicz. 2,772,980.
- Filippi, Francis G.: *See*—  
Britton, Robert E. 2,735,406.
- Filko, John, to E. & B. Mfg. Co. Distributor plate assembly. 2,740,854, 4-3-56, Cl. 200-30.
- Fill, Metro, and J. E. Graver, to Canada Packers Ltd. Marshalling area control assemblies. 2,754,767, 7-17-56, Cl. 104-91.
- Fillery, Gordon T. Combined suction cleaner and floor polisher. 2,758,328, 8-14-56, Cl. 15-328.
- Fillion, Stanley H., to Waugh Equipment Co. Cushion underframes. 2,752,048, 6-26-56, Cl. 213-8.
- Fillion, Stanley H., to Waugh Equipment Co. Cushioning devices with friction damping means. 2,767,858, 10-23-56, Cl. 213-45.
- Fillion, Stanley H., to Waugh Equipment Co. Railway draft gears. 2,767,859, 10-23-56, Cl. 213-45.
- Fillion, Stanley H., to Waugh Equipment Co. Cushioning devices. 2,767,860, 10-23-56, Cl. 213-45.
- Fillion, Stanley H., to Waugh Equipment Co. Cushioning devices. 2,767,861, 10-23-56, Cl. 213-47.
- Filipp, Jerome. Cultivator attachment for tractors. 2,771,016, 11-20-56, Cl. 97-47.34.
- Filling, Jacques J.: *See*—  
Krause, Carl H., and Filling. 2,746,477.
- Filling, Jacques J., to Sloan Valve Co. Flush valve operating mechanism. 2,729,109, 1-3-56, Cl. 74-18.2.
- Filling, Jacques J., to Sloan Valve Co. Selective dual flow flush valves. 2,738,946, 3-20-56, Cl. 251-35.
- Filling, Jacques J., and J. J. Swartz, to Sloan Valve Co. Automatically self-cleaning shower heads. 2,770,497, 11-13-56, Cl. 299-59.
- Filling, Jacques J., and R. E. Campbell, to Sloan Valve Co. Automatic self-cleaning shower heads. 2,770,498, 11-13-56, Cl. 299-59.
- Filmer, R. H., Ltd.: *See*—  
Whitby, Leslie R. 2,746,361.
- Filper Corp.: *See*—  
Anderson, Earl R. 2,775,278.  
Perrilli, Joseph. 2,775,279.
- Filstrup, Edward C., to Armstrong Coalbreak Co. Gas pressure blasting device. 2,750,886, 6-19-56, Cl. 102-25.
- Filtration Equipment Corp.: *See*—  
Riddick, Thomas M. 2,751,553.
- Finan, Charles J. Collar stay. 2,735,104, 2-21-56, Cl. 2-132.
- Finch, Donald M. Adjustable tent stake. 2,775,252, 12-25-56, Cl. 135-15.
- Finch, Gaylord K., and H. J. Hagemeyer, Jr., to Eastman Kodak Co. Process of manufacturing monoalkyl ethers of ethylene glycol and of polyethylene glycols. 2,748,171, 5-29-56, Cl. 260-615.
- Finch, Harold W. Date and number stamp. 2,735,363, 2-21-56, Cl. 101-111.
- Finch, Harry De V.: *See*—  
Ballard, Seaver A., Finch, and Peterson. 2,767,221.  
Evans, Theodore W., and Finch. 2,767,216.
- Finch, Harry De V., and K. E. Furman, to Shell Development Co. Production of alpha, beta-unsaturated alcohols. 2,763,696, 9-18-56, Cl. 260-638.
- Finch, Harry De V., and S. A. Ballard, to Shell Development Co. Esters of acyloxy-substituted tetrahydrophthalic acids. 2,768,155, 10-23-56, Cl. 260-78.3.
- Finch, James L., and L. R. Kahn, to Radio Corp. of America. Controlled single-sideband transmitter. 2,774,041, 12-11-56, Cl. 332-37.
- Finch, Joseph M., to Illinois Duster & Brush Co. Mop holder. 2,739,329, 3-27-56, Cl. 15-147.
- Finch, Milton T. Infinite ratio selector. 2,744,422, 5-8-56, Cl. 74-751.
- Finch, Thomas E., to General Electric Co. Electric soldering iron. 2,752,366, Cl. 210-26.
- Fincheinstein, Lazare, and A. R. Baffrey, to Societe Metallurgique Technique et Commerciale. Apparatus for welding by means of electromagnetic induction heating. 2,761,939, 9-4-56, Cl. 219-8.5.
- Finck, Christian E.: *See*—  
Loverich, Charles L., and Finck. 2,763,324.
- Fincke, John K., to Monsanto Chemical Co. Herbicides. 2,730,440, 1-10-56, Cl. 71-2.7.
- Fincke, John K., to Monsanto Chemical Co. Preparation of mercapto amines. 2,769,839, 11-6-56, Cl. 260-570.5.
- Finckel, George. Venetian blind. 2,757,727, 8-7-56, Cl. 160-168.
- Findlay, Gordon R., W. O. Di Pietro, and R. S. Hood: said Hood assor. of  $\frac{1}{2}$  to Monsanto Chemical Co. said Findlay and said Di Pietro assors. of  $\frac{1}{2}$  to National Research Corp. Process for producing metals in purified form. 2,760,858, 8-28-56, Cl. 75-84.5.
- Findlay, Robert A., to Phillips Petroleum Co. Continuous adsorption-desorption apparatus. 2,731,149, 1-17-56, Cl. 210-42.5.
- Findlay, Robert A., to Phillips Petroleum Co. Separation of alkenylpyridines from alkylpyridines. 2,731,468, 1-17-56, Cl. 260-420.
- Findlay, Robert A., to Phillips Petroleum Co. Crystal purification apparatus. 2,752,230, 6-26-56, Cl. 23-273.

- Findlay, Robert A., to Phillips Petroleum Co. Separation of aromatics by  $\text{SO}_2$  extraction. 2,758,141, 8-7-56, Cl. 260-674.
- Findlay, Robert A., to Phillips Petroleum Co. Adsorption process with heating in downstream end of adsorption column to selectively remove occluded liquids. 2,764,620, 9-25-56, Cl. 260-674.
- Findlay, Robert A., to Phillips Petroleum Co. Adsorption-desorption process. 2,768,221, 10-25-56, Cl. 260-674.
- Findlay, Robert L. Structural member. 2,730,211, 1-10-56, Cl. 189-37.
- Findleton, Ronald J., to Easybow Engineering & Research Co. Rowstrung truss and method of making the same. 2,760,450, 8-28-56, Cl. 108-23.
- Findleton, Ronald J., to Easybow Engineering & Research Co. Apparatus for connecting the webs to the chords in trusses. 2,764,108, 9-25-56, Cl. 108-23.
- Findleton, Ronald J., to Easybow Engineering & Research & Co. Truss shoe. 2,770,846, 11-20-56, Cl. 20-0.5.
- Findley, Deon C. Form brace. 2,741,821, 4-17-56, Cl. 25-118.
- Findley, George W., *See*—  
Blauw, Andrew, and Findley. 2,744,724.
- Findley, George W., to Ford Motor Co. Variable and reversible pitch fan for internal-combustion engine. 2,734,493, 14-56, Cl. 123-41.12.
- Findley, Howard J., to Eaton Mfg. Co. Combined electric switch and gearshift lever. 2,732,447, 1-24-56, Cl. 200-61.54.
- Findley, Howard J., to Eaton Mfg. Co. Magnetic drive. 2,744,596, 5-8-56, Cl. 192-21.5.
- Findley, Howard J., to Eaton Mfg. Co. Magnetic fluid clutch. 2,756,852, 7-31-56, Cl. 192-21.5.
- Findley, Howard J., to Eaton Mfg. Co. Power transmitting apparatus. 2,773,205, 12-4-56, Cl. 310-96.
- Fine, Byrd S., deceased; M. A. Fine, administratrix. Safety control mechanism for a type composing and line casting machine. 2,770,355, 1-13-56, Cl. 199-18.
- Fine, Fred E. Nut separator. 2,762,506, 9-11-56, Cl. 209-27.
- Fine, Jack E. Master drawbars for hayrakes. 2,736,154, 2-28-56, Cl. 56-27.
- Fine, Margaret L., *See*—  
Fine, Byrd S. 2,770,355.
- Fine, Morris E., to Bell Telephone Laboratories, Inc. Bodies having low temperature coefficients of elasticity. 2,775,536, 12-25-56, Cl. 148-11.5.
- Fine, Robert. Combination floor covering. 2,771,383, 3-20-56, Cl. 154-49.
- Fine, William E. Plain sight dial indicator attachments. 2,759,270, 8-21-56, Cl. 33-172.
- Fineberg, Samuel E. Mothproof storage bag. 2,752,033, 6-26-56, Cl. 206-10.
- Finegan, Benjamin. Irrigating apparatus. 2,755,985, 7-24-56, Cl. 29-83.
- Finelli, Anthony F., to The Goodyear Tire & Rubber Co. Purification and decolorization of esters. 2,748,159, 5-29-56, Cl. 260-475.
- Fineman, Manuel N., to Rohm & Haas Co. Low foaming detergents. 2,746,927, 5-22-56, Cl. 252-89.
- Finer, Bernard. Spring back chair. 2,749,974, 6-12-56, Cl. 155-179.
- Fineran, Charles A., to Elastic Stop Nut Corp. of America. Screw-threaded pivot bearing with locking means. 2,766,080, 10-9-56, Cl. 508-159.
- Finisse Wristlet, Inc., *See*—  
Gerstenblith, Simon. 2,753,682.
- Finest Scaffold Co., The, *See*—  
McDonough, James S. 2,744,795.
- Finestone, Harry Z., to Jacob S. Cohen, d. b. a. American Toy Products Co. Table tennis board. 2,769,636, 11-6-56, Cl. 273-30.
- Fingerett, Joseph A., and J. E. Richardson, to Hughes Aircraft Co. Magnetic phase and amplitude controller. 2,762,969, 9-11-56, Cl. 323-89.
- Finholt, Robert W., to General Electric Co. Polymeric chlorotrifluoroethylene stabilized with small amounts of chromic oxide. 2,737,505, 3-6-56, Cl. 260-45.75.
- Finholt, Robert W., to General Electric Co. Polymeric chlorotrifluoroethylene. 2,755,267, 7-17-56, Cl. 260-33.2.
- Finholt, Robert W., and V. Abolins, to General Electric Co. Electric conductor wrapping machine. 2,730,474, 1-10-56, Cl. 154-2.25.
- Finigan, Charles M., *See*—  
Reilly, Park M., Carwardine, and Finigan. 2,739,176.
- Finishline Laboratories, Inc., *See*—  
Hagadorn, Elmore W. 2,743,558.  
Hagadorn, Elmore W. 2,759,529.  
Hagadorn, Elmore W. 2,775,489.
- Finizio, Victor L., *See*—  
Burnett, George H., and Finizio. 2,764,956.
- Fink, Abraham. Surgical dressing for closing wounds. 2,752,921, 8-28-56, Cl. 128-334.
- Fink, Carl J., and C. E. Heintz, to Cero-Dipt Co., Inc. Multiple shingle structure. Re. 24,246, 12-4-56, Cl. 108-8.
- Fink, Frank E., *See*—  
Williams, Edward E., and Fink. 2,730,806.
- Fink, Heinrich, *See*—  
Beck, Hans, and Fink. 2,743,141.
- Fink, Heinrich, and J. Steichele, to SKF Kugellagerfabriken Gesellschaft mit beschränkter Haftung. Bearing means for spinning and doubling spindles. 2,750,237, 6-12-56, Cl. 308-154.
- Fink, James C., to Scripto, Inc. Retractable ball pen. 2,741,225, 4-10-56, Cl. 120-42.03.
- Fink, Melvin M., *See*—  
Hucker, Everett C., Hardman, and Fink. 2,764,889.
- Fink, Raymond E., to The New Haven Pulp and Board Co. Cartons. 2,747,785, 5-29-56, Cl. 229-28.
- Fink, Robert C., to The Gallion Iron Works & Mfg. Co. Road roller with retractable transporting wheels. 2,752,832, 7-3-56, Cl. 94-50.
- Finke, Herbert A., *See*—  
Deutsch, Sid, and Finke. 2,772,355.  
Gaffney, Francis J., and Finke. 2,748,276.
- Finke, Herbert A., and J. E. Ebert, to Polytechnic Research and Development Co., Inc. Wide range resonator. 2,752,494, 6-26-56, Cl. 250-36.
- Finkel, Abram R. Folding shower door. 2,747,200, 5-29-56, Cl. 4-148.
- Finkelstein, Jacob, to Hoffmann-La Roche Inc. Dichlorostyrylpyridinium compounds. 2,742,463, 4-17-56, Cl. 260-270.
- Finkelstein, Jacob, and J. Lee, to Hoffmann-La Roche Inc. Indole derivatives and method for producing same. 2,773,875, 12-11-56, Cl. 260-293.
- Finkelstein, William. Handle. 2,732,047, 1-24-56, Cl. 190-57.
- Finkelstein, William. Luggage handle. 2,744,595, 5-8-56, Cl. 190-58.
- Finkelstein, William. Handle. 2,747,706, 5-29-56, Cl. 190-57.
- Finkelstein, William. Luggage handle. 2,765,888, 10-9-56, Cl. 190-57.
- Finken, Walter S., *See*—  
Frieder, Leonard P., and Finken. 2,730,314.  
Frieder, Leonard P., and Finken. 2,730,316.  
Frieder, Leonard P., and Finken. 2,732,153.  
Frieder, Leonard P., and Finken. 2,739,309.  
Frieder, Leonard P., and Finken. 2,739,310.  
Frieder, Leonard P., and Finken. 2,742,174.  
Frieder, Leonard P., and Finken. 2,768,453.  
Frieder, Leonard P., Finken, and Aileo. 2,762,589.
- Finken, Walter S., to L. P. Frieder. Adjustably contoured frame structure for eye shields and the like. 2,762,051, 9-1-56, Cl. 3-14.
- Finken, Walter S., to L. P. Frieder. Load-retarding canopy of preformed type. 2,774,561, 12-18-56, Cl. 244-145.
- Finkenauer, Frederick J., Jr., and O. E. Bowlius, to Chrysler Corp. Generator regulating system. 2,754,469, 7-10-56, Cl. 322-25.
- Finkenauer, Frederick J., Jr., and H. O. Schmidt, to Chrysler Corp. Disc brake. 2,757,760, 8-7-56, Cl. 188-72.
- Finkler, Ronald A., *See*—  
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- Finlay, Alexander, to Westinghouse Air Brake Co. Coded relay remote control systems. 2,735,083, 2-14-56, Cl. 340-63.
- Finlay, Alexander C., *See*—  
Shull, Gilbert M., Routien, and Finlay. 2,773,878.
- Finlay, Alexander, Jr., W. Hecox, and R. L. Thompson, to The Bartelle Development Corp. Multiple-contact switch. 2,750,237, 12-11-56, Cl. 200-23.
- Finlay, Donald W., *See*—  
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- Finlay, Donald W., to Boeing Airplane Co. Variable area drag chute. 2,761,636, 9-4-56, Cl. 244-113.
- Finlay, Donald W., and R. E. Pearson, to Boeing Airplane Co. Airplane ground tug. 2,751,990, 6-26-56, Cl. 180-6.2.
- Finlay, Walter L., *See*—  
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- Finlayson, Frank E., *See*—  
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- Finlayson, Frank E., to General Electric Co. Steam flatiron. 2,750,692, 6-19-56, Cl. 38-77.
- Finlayson, Frank E., and B. A. Denton, to General Electric Co. Combination dry and steam flatiron. 2,737,737, 3-13-56, Cl. 38-77.
- Finlayson, John, to Baker Perkins Ltd. and McVitie & Price Ltd. Discharge discharge wafer making machines. 2,750,875, 6-19-56, Cl. 99-373.
- Finman, Morton, to Standard Oil Co. Extreme pressure lubricant. 2,775,558, 12-25-56, Cl. 252-33.6.
- Finn, Burton C. Work holding and tilting device. 2,761,334, 9-4-56, Cl. 77-62.
- Finn, Dennis J. Crustacean trap. 2,774,176, 12-18-56, Cl. 43-69.
- Finn, John M., Jr., *See*—  
Cunningham, George L., and Finn. 2,737,442.  
Cunningham, George L., and Finn. 2,762,686.
- Finn, John S., to W. H. Mend. Apparatus for conveying comminuted materials. 2,744,792, 5-8-56, Cl. 302-14.
- Finn, Robert R., and P. A. White, to Jones & Lamson Machine Co. Collapsible threading die for selectively cutting straight or taper threads. 2,746,066, 5-22-56, Cl. 10-95.
- Finn, Sidney J., to United Shoe Machinery Corp. Lasting machines. 2,748,403, 6-5-56, Cl. 12-8.5.
- Finn, Sidney J., W. L. Benedict, H. F. Schaefer, Jr., and J. W. Hursh, to United Shoe Machinery Corp. Machines for operating on shoes. 2,740,142, 4-3-56, Cl. 12-17.2.
- Finnegan, Edward J. Fishing bobber. 2,729,015, 1-3-56, Cl. 43-44.9.
- Finnegan, Edward P. Means for measuring trouser lengths. 2,734,270, 2-14-56, Cl. 33-8.
- Finnegan, John D. Snap-in moulding tag and card holder. 2,761,280, 9-4-56, Cl. 40-11.



- Finnell, Calvin K. Freight car ballast. 2,764,950, 10-2-56, Cl. 105-369.
- Finneran, James A., and H. N. Woebecke, to Hydrocarbon Research, Inc. Process for recovering acetylene. 2,741,332, 4-10-56, Cl. 183-118.
- Finney, Howard A., to Skycraft Mfg. Corp. Rotating disk chance device. 2,754,124, 7-10-56, Cl. 273-143.
- Fino, Alexander F., to Hammond Iron Works. Floating roof seal. 2,735,573, 2-21-56, Cl. 220-26.
- Finstenwalder, Ulrich. Post-stressed reinforcing rod anchor. 2,755,637, 2-24-56, Cl. 72-50.
- Finston, Victor, to The Meaker Co. Apparatus for automatically conveying and immersing articles. 2,738,321, 3-13-56, Cl. 204-203.
- Fiore, Joseph P., *See—*
- Andrussky, Mark E., and Fiore. 2,761,990.
- Fjellberg, Norman L., and Fiore. 2,729,162.
- Fiorella, Salvatore J., 1/4 to J. J. Cannon. Top baseball game. 2,758,839, 8-14-56, Cl. 273-88.
- Fippard, Arthur J. Friction clutches, fluid operated. 2,755,901, 7-24-56, Cl. 192-85.
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- Bland, Thomas W., and O'Brien. 2,736,012.
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- Baruhart, William S. 2,731,505.
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- Bosomworth, George P. 2,731,537.
- Brink, Winfield S. 2,755,138.
- Broden, Edwin N. 2,731,085.
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- Broden, Edwin N., and MacAyeal. 2,731,083.
- Clark, Stanley M. 2,731,061.
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- Forman, Lawrence E. 2,731,442.
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- Glass, George J., and Bruggemeier. 2,730,759.
- Gregg, Lowell E., Lange, Alcocke, and Havens. 2,754,681.
- Grancy, Carl W. 2,755,953.
- Hay, Robert J., and Richardson. 2,755,258.
- Haves, Robert A. 2,755,270.
- Jefferys, Alexander G. 2,754,885.
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- Johnson, La Vern M. 2,754,955.
- Johnson, Paul H. 2,731,433.
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- Kubaugh, Le Roy M. 2,731,304.
- Lyons, Williams J., and Prettyman. 2,755,214.
- Mason, Fred H., and Bosomworth. 2,754,546.
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- Rowland, George P., Jr., and Piloni. 2,731,449.
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- Smith, Clifford D. 2,731,055.
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- Firing, Osborne, to Scovill Mfg. Co. Process and apparatus for making zipper fastener stringers. 2,734,546, 2-14-56, Cl. 153-1.
- Firing, Osborne, to Scovill Mfg. Co. Machine for making fastener stringers. 2,763,051, 9-18-56, Cl. 29-34.
- Firkins, Carlyle. Animal handling chute. 2,730,072, 1-10-56, Cl. 119-99.
- Firma Fida S. p. A. Fabbrica Italiana Prodotti Odontoiatrica, The: *See—*
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- Firth, David, to Dodge Mfg. Corp. Shaft collars. 2,739,830, 3-27-56, Cl. 287-2208.
- Firth, David, to Dodge Mfg. Corp. Conveyor pulleys. 2,763,158, 9-18-56, Cl. 74-230.3.
- Firth, David, to Dodge Mfg. Corp. Variable pitch sheaves. 2,773,393, 12-11-56, Cl. 74-230.17.
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- Firth, Thos., & John Brown Ltd.: *See—*
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- Fischback, Bryant C., and G. H. Harris, to The Dow Chemical Co. Gaseous aziridinecarboxamides. 2,775,557, 12-25-56, Cl. 260-229.
- Fischer, Albert M., to Metal-Glass Products Co. Combination aerator and rinser. 2,754,264, 7-10-56, Cl. 210-26.
- Fischer, Allen, and K. A. Bauridl, Jr. Picket fence. 2,773,674, 12-11-56, Cl. 250-22.
- Fischer, August, and W. Ketzler. Anchor structure for mines, tunnels and the like. 2,771,746, 11-27-56, Cl. 61-45.
- Fischer, Carl, and K. Grodde. Treating packing material. 2,745,546, 5-15-56, Cl. 206-84.
- Fischer, Carl B. Speed alarm. 2,771,524, 11-20-56, Cl. 201-10.
- Fischer, Charles F., to Colgate-Palmolive Co. Apparatus for processing liquid material. 2,770,294, 11-13-56, Cl. 159-10.
- Fischer, Clarence H., and W. W. Parsons, to The East Dayton Tool and Die Co. Apparatus for feeding work pieces from a hopper to a dowel cutting machine. 2,734,620, 2-14-56, Cl. 198-45.
- Fischer, Clayton A.: *See—*
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- Fischer, Elias, to Armour and Co. Synthetic wax materials and method of preparing the same. 2,772,173, 11-27-56, Cl. 106-10.
- Fischer, Ernst, to Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius and Bruning. Mon-azo-dyesulfus insoluble in water. 2,742,459, 4-17-56, Cl. 260-204.

- Fischer, Ernst, to Farbwerke Hoechst A. G. vormalis Meister Lucius und Bruning. Mono-azo dyestuffs insoluble in water. 2,750,378, 6-12-56, Cl. 260-202.
- Fischer, Ernst, and F. Muris, to Farbwerke Hoechst A. G. vormalis Meister Lucius und Bruning. Mono-azo-dyestuffs insoluble in water. 2,729,632, 1-3-56, Cl. 260-193.
- Fischer, Eugene. Cow tail holder. 2,757,637, 8-7-56, Cl. 13-105.
- Fischer, Frederick K., and W. H. Bartolett, to the United States of America as represented by the Secretary of the Navy. Reversing gear and drive control. 2,749,776, 6-12-56, Cl. 74-740.
- Fischer, Georg. Tube filter installations. 2,768,706, 10-30-56, Cl. 183-38.
- Fischer, Georg, Aktiengesellschaft. *See*—  
Bischoff, Fritz N., and Häberlin. 2,773,339.
- Fischer, H. G., & Co. *See*—  
Kozinski, Joseph. 2,734,508.  
Kozinski, Joseph. 2,735,023.
- Fischer, Hans F. *See*—  
Whitehouse, Zebulun W., Schulze, and Fischer. 2,757,806.
- Fischer, Harold, to General Motors Corp. Hydraulic clutch and relief valve therefor. 2,740,512, 4-3-56, Cl. 192-85.
- Fischer, Harold A., to Comco Corp. Shipping case and storage chest. 2,747,732, 5-29-56, Cl. 206-52.
- Fischer, Harold P., to National Pneumatic Co., Inc. Fire door control. 2,733,918, 2-7-56, Cl. 268-66.
- Fischer, Harry C. *See*—  
Liberatore, Laurence C., Tibbitts, Aldridge, and Fischer. 2,745,925.
- Fischer, Harry C., and L. P. Benua, to The Ebco Mfg. Co. Apparatus for producing and dispensing beverages having frozen particles therein. 2,734,347, 2-14-56, Cl. 62-4.
- Fischer, Harry C., and L. P. Benua, to The Ebco Mfg. Co. Beverage cooler and dispenser. 2,734,357, 2-14-56, Cl. 62-141.
- Fischer, Harry C., and L. P. Benua, to The Ebco Mfg. Co. Faucet valve for beverage dispensers. 2,766,005, 10-9-56, Cl. 251-310.
- Fischer, Harry F. Automatic stock loader for single spindle automatic screw machines. 2,742,656, 4-24-56, Cl. 10-182.
- Fischer, Heinz, to J. R. Geigy A. G. Filter press. 2,761,567, 9-4-56, Cl. 210-188.
- Fischer, Herbert G. M., to Esso Research and Engineering Co. Hydrocarbon oil conversion process by catalysis and hydrogen donor diluent non-catalytic cracking. 2,772,213, 1-17-56, Cl. 196-49.
- Fischer, John C. *See*—  
Bunsen, William F., Baxter, Fischer, and Vyryan. 2,743,163.
- Fischer, John C., Jr. Circular aircraft and control system therefor. 2,772,057, 11-27-56, Cl. 244-15.
- Fischer, John T., to Radio Corp. of America. Stabilized cascade-connected semi-conductor amplifier circuits and the like. 2,762,875, 9-11-56, Cl. 179-171.
- Fischer, Josef *See*—  
Dressler, Max, and Fischer. 2,748,323.
- Fischer, Paul E., to E. G. Staudé Mfg. Co., Inc. Apparatus for packaging of powder in small quantities. 2,746,223, 5-22-56, Cl. 53-180.
- Fischer, Paul E., R. S. Hedin, C. H. Swanson, and H. E. Wissman, to General Mills, Inc. Mechanism for folding container end flaps. 2,738,714, 3-20-56, Cl. 93-36.8.
- Fischer, Paul M., to Cutler-Hammer, Inc. Speed regulating and current limit motor control system. 2,749,493, 6-5-56, Cl. 318-142.
- Fischer, Paul W. *See*—  
Boyd, Thomas F. G., Fischer, and Wheeler. 2,759,607.  
Brown, James S., Fischer, and Johnson. 2,730,190.  
Carpenter, Clayton A., and Fischer. 2,753,939.  
Nowak, Theodore J., and Fischer. 2,747,671.  
Stegemeier, Richard J., and Fischer. 2,754,266.
- Fischer, Paul W., to Union Oil Co. of California. Electrically controlled drilling fluids. 2,739,120, 3-20-56, Cl. 252-8.5.
- Fischer & Porter Co. *See*—  
Eichenberger, Henry F., and Brewer. 2,731,830.
- Fischer, Richard A. *See*—  
Crawford, James V., Fischer, and Le May. 2,772,829.  
Kemper, James L., and Fischer. 2,749,828.
- Fischer, Richard A., R. A. Arthur, and J. M. Kemper, to The Garrett Corp. Speed regulating mechanism. 2,731,022, 1-17-56, Cl. 137-34.
- Fischer, Richard A., and J. M. Kemper, to The Garrett Corp. Pressure regulating mechanism. 2,767,636, 10-23-56, Cl. 98-15.
- Fischer, Rudolf G., to Socony Mobil Oil Co., Inc. Core sample micrometer. 2,736,099, 2-28-56, Cl. 33-147.
- Fischer, Thomas L. *See*—  
White, Warren W., and Fischer. 2,759,098.
- Fischer, Thomas L., to Standard Coil Products Co., Inc. Calibration device. 2,748,375, 5-29-56, Cl. 340-187.
- Fish, Bernard, to Interstate Container Corp. Multiple garment shipping container. 2,752,032, 6-26-56, Cl. 206-7.
- Fish, James, to The Paterson Parchment Paper Co. Paper web with a simulated woven texture. 2,771,363, 11-20-56, Cl. 92-3.
- Fish, James L., to Motorola, Inc. Soldering device. 2,771,049, 11-20-56, Cl. 113-59.
- Fish, Marion F. *See*—  
Briggs, William C., and Fish. 2,765,198.
- Fish, Marion F., and A. E. Small, to Sumner Iron Works. Grinding mechanism for rechipers. 2,756,788, 7-31-56, Cl. 144-242.
- Fish Products Co. *See*—  
Kreutzer, Conradin O. 2,764,832.
- Fish, Richard H.,  $\frac{1}{2}$  to E. Preston. Agricultural spraying machine. 2,746,794, 5-22-56, Cl. 299-45.
- Fish, Richard H.,  $\frac{1}{2}$  to E. Preston. Agricultural spraying machine. 2,761,731, 9-4-56, Cl. 298-87.
- Fishalow, Nathan. Convertible wheeled article carrier. 2,755,096, 7-17-56, Cl. 280-36.
- Fishberg, Joseph *See*—  
Walcoff, Charles H. 2,751,869.
- Fisher, Albert E. *See*—  
Butler, Robert P. 2,742,233.
- Fisher, Alvin, to General Electric Co. Submersible motor. 2,758,226, 8-7-56, Cl. 310-87.
- Fisher, Anton E. Grain pick up attachment for harvesters. 2,734,332, 2-14-56, Cl. 56-312.
- Fisher, Arthur L., and A. W.  $\frac{1}{2}$  to E. W. Leveling device for grain combines. 2,741,484, 4-10-56, Cl. 280-8.
- Fisher, Austin W. *See*—  
Fisher, Arthur L. and A. W. 2,741,484.
- Fisher, B. E. *See*—  
Brophy, Edmund J. 2,741,840.
- Fisher, Bernard M. *See*—  
Axelrad, Bernard A., and Fisher. 2,756,208.
- Fisher, Charles P. Sensitive relay. 2,755,346, 7-17-56, Cl. 200-1.
- Fisher, Charles R., to General Dynamics Corp. Impulse testing equipment. 2,730,578, 1-10-56, Cl. 179-175.2.
- Fisher, Chester D., to Sprout, Waldron & Co. Mixer. 2,731,248, 1-17-56, Cl. 259-97.
- Fisher, Chester D., to Sprout, Waldron & Co., Inc. Hammer mill with separately usable screens. 2,732,137, 1-24-56, Cl. 241-89.
- Fisher, Chester D., to Sprout, Waldron & Co. Pellet mill. 2,764,951, 10-2-56, Cl. 107-14.
- Fisher, Clifford A., and J. A. Dental impression tray. 2,758,374, 8-14-56, Cl. 32-17.
- Fisher, Dalton W., to The Ohio Brass Co. Trolley pole head. 2,761,025, 8-28-56, Cl. 191-59.1.
- Fisher, Donald G. Fishing lure. 2,767,503, 10-23-56, Cl. 43-42.43.
- Fisher, Donald H. *See*—  
Cope, John E., and Fisher. 2,774,865.
- Fisher, Douglas A. Carrying case. 2,769,475, 11-6-56, Cl. 15-33.
- Fisher, Earl E. *See*—  
Cantrell, Troy L., and Fisher. 2,763,614.
- Fisher, Earl E., to E. I. du Pont de Nemours and Co. Preparation of aldehydes. 2,735,270, 1-31-56, Cl. 260-604.
- Fisher, Edward W. *See*—  
Chambers, Albert M., Jr., Closs, Fisher, and Milligan. 2,729,481.
- Fisher, Edward W., Jr., and Fisher. 2,731,284.
- Fisher, Edwin L., and A. P. Fenton, to Kohler Co. Speed regulator. 2,730,350, 1-10-56, Cl. 264-3.
- Fisher, Elmer L., and R. R. Paradise. Fixture for use in the parking space of drive-in restaurants. 2,739,857, 3-27-56, Cl. 311-1.
- Fisher, Emery J. Multi-chamber spray gun. 2,732,258, 1-24-56, Cl. 299-140.
- Fisher, Emery J. Chemical spray gun. 2,747,934, 5-29-56, Cl. 29-86.
- Fisher, Emery J. Blending and mixing machine. 2,764,392, 9-25-56, Cl. 259-3.
- Fisher, Ernest P. Salamander type heating apparatus. 2,752,911, 7-3-56, Cl. 126-90.
- Fisher Flouring Mills Co. *See*—  
Herzog, Harold A., and Eastwood. 2,745,590.
- Fisher, Frank F., to The Airetcol Mfg. Co. Apparatus for testing the effectiveness of tube rolling. 2,735,294, 2-21-56, Cl. 73-88.
- Fisher, Glenn E. Ceiling board jack. 2,741,514, 4-10-56, Cl. 304-29.
- Fisher, Glover. Coin operated ball collecting and dispensing mechanism for pool tables. 2,756,998, 7-31-56, Cl. 273-11.
- Fisher, Gordon S., and L. A. Goldblatt, to the United States of America as represented by the Secretary of Agriculture. Peroxides of saturated cyclic terpenes and a method of producing same. 2,755,879, 9-21-56, Cl. 260-610.
- Fisher, Gordon S., L. A. Goldblatt, and J. S. Stinson, to the United States of America as represented by the Secretary of Agriculture. Converting alpha-pinene to mixtures of acids. 2,750,411, 6-12-56, Cl. 260-514.
- Fisher, Gordon S., and L. A. Goldblatt, to the United States of America as represented by the Secretary of Agriculture. Polymerizations initiated by saturated cyclic terpene peroxides. 2,775,578, 12-25-56, Cl. 260-84.1.
- Fisher, H. L. (Oltman) Ltd. *See*—  
Jackson, Kenneth. 2,770,122.
- Fisher, Hardin Y. *See*—  
Bachi, Robert W., and Fisher. 2,739,451.  
Bachi, Robert W., and Fisher. 2,752,189.  
Soreng, Edgar M., and Fisher. 2,734,153.
- Fisher, Harland S. *See*—  
Schwartz, Morris A., and Fisher. 2,775,410.
- Fisher, Harry C., to The Gardner Board and Carton Co. Process of producing moisture resistant coated paper webs. 2,756,164, 7-24-56, Cl. 117-64.
- Fisher, Henry B., to Phillips Petroleum Co. Oil-base drilling mud and methods of drilling with same. 2,743,233, 4-24-56, Cl. 252-8.5.



- Fisher, Henry C., and H. F. G. Ueltz, to Norton Co. Aluminum oxide catalyst carrying material and process of making same. 2,737,444, 3-6-56, Cl. 23-143.
- Fisher, Herbert R., to Garden City Plating & Mfg. Co. Leveling device for a standard. 2,747,826, 5-29-56, Cl. 248-243.
- Fisher, Herman G.: *See*—
- Sly, Leslie W., Doe, and Fisher. 2,747,327.
- Fisher Industries, Inc.: *See*—
- Fisher, Robert C.: 2,761,209.
- Fisher, Jack C., and L. P. Dosmann, to United States Rubber Co. Method of applying vinyl plastisol layers to cured cellular rubber. 2,772,194, 11-27-56, Cl. 154-100.
- Fisher, James A., to Westinghouse Electric Corp. Projection knob for TV channel selection. 2,768,603, 10-30-56, Cl. 116-124.
- Fisher, James W.: *See*—
- Bates, Harold, Fisher, and Smith. 2,775,585.
- Bates, Harold, Fisher, and Upton. 2,739,879.
- Bates, Harold, Sammons, and Fisher. 2,775,529.
- Kowolik, Ernest J., and Fisher. 2,764,469.
- Kowolik, Ernest J., and Fisher. 2,764,570.
- Sammons, Charles W., Mortimer, and Fisher. 2,763,898.
- Fisher, James W., and J. Lincoln, to Celanese Corp. of America. Polyesters. 2,762,789, 9-11-56, Cl. 260-75.
- Fisher, Jesse, to G. F. Meyer. Method of manufacturing artificial hair. 2,753,851, 7-10-56, Cl. 43-42.53.
- Fisher, Joe. Suction line screen. 2,734,637, 2-14-56, Cl. 210-170.
- Fisher, Jonathan C.: *See*—
- De Vost, Valmore F., and Fisher. 2,732,040.
- De Vost, Valmore F., Luttrell, Armstrong, Fisher, and New. 2,740,286.
- Fisher, Joseph E., and R. C. Moore, to Philco Corp. Plural phase subcarrier color television system. 2,761,007, 8-28-56, Cl. 178-5.2.
- Fisher, Joseph V. Machine for making electrical transmission lines. 2,742,950, 4-24-56, Cl. 154-2.24.
- Fisher, June A.: *See*—
- Fisher, Clifford A., and J. A. 2,758,374.
- Fisher & Ludlow Ltd.: *See*—
- Gill, George A., K., and G. J. 2,774,236.
- Fisher, Martin H.: *See*—
- Horchenroeder, Louis W., and Fisher. 2,740,078.
- Fisher, Milton E., and P. C. Self-feeding pig feeder. 2,744,497, 5-8-56, Cl. 119-53.
- Fisher, Norman A. Multi bubble producing device. 2,736,988, 3-6-56, Cl. 46-7.
- Fisher, Norman A. Bubble blowing machine. 2,736,989, 3-6-56, Cl. 46-8.
- Fisher, Norman G., to E. I. du Pont de Nemours & Co. Process of preparing alkali metal and alkaline earth metal borohydrides. 2,729,540, 1-3-56, Cl. 23-14.
- Fisher, Paul C.: *See*—
- Fisher, Milton E., and P. C. 2,744,497.
- Fisher, Peter,  $\frac{1}{2}$  to W. B. Steele, and  $\frac{1}{2}$  to L. T. Graves. Stabilizing beam connection between crawlers and tractor frame. 2,745,503, 5-15-56, Cl. 180-9.1.
- Fisher-Pierce Co., Inc.: *See*—
- Garnick, Philip. 2,755,392.
- Fisher-Price Toys, Inc.: *See*—
- Sly, Leslie W., Doe, and Fisher. 2,747,327.
- Fisher, Robert C., to Fisher Industries, Inc. Method for assembling molding fasteners. 2,761,209, 9-4-56, Cl. 29-509.
- Fisher, Robert P. Rock and ore jaw crushers. 2,751,158, 6-19-56, Cl. 241-282.
- Fisher, Roy R., Sr., and F. T. Hawke, to Electric Steam Radiator Corp. Top suspension vaporizer unit. 2,755,372, 7-17-56, Cl. 219-40.
- Fisher, Sidney G. Packaging machine. 2,750,723, 6-19-56, Cl. 53-215.
- Fisher, Simon, and T. S. Kurlinski, to National Electric Welding Machines Co. Rotating electrode structure. 2,730,600, 1-10-56, Cl. 219-4.
- Fisher, Thomas: *See*—
- Graef, Charles G., Fisher, Deckman, and Simpson. 2,768,386.
- Fisher, W. Reuen. Bearing liner. 2,737,425, 3-6-56, Cl. 308-237.
- Fisher, W. Reuen. Drill guide bushing. 2,744,424, 5-8-56, Cl. 77-62.
- Fisher, W. Reuen. Bushing. 2,766,083, 10-9-56, Cl. 308-237.
- Fisher, W. Reuen. Bearing. 2,766,084, 10-9-56, Cl. 308-237.
- Fisher, Walter J.: *See*—
- Halkyard, Harold, and Fisher. 2,764,368.
- Fisher, Walter J., and C. B. Sheerlin, to International Harvester Co. Tubular tire carrier. 2,743,831, 5-1-56, Cl. 21-24.
- Fisher, Walter M., to Sturges Posture Chair Co. Upholstered seat structure. 2,760,562, 8-28-56, Cl. 155-184.
- Fisherman, David W., to New York Merchandise Co., Inc. Lighting system for Christmas trees. 2,760,120, 8-21-56, Cl. 315-156.
- Fishader, S.: *See*—
- Cooper, Carl M. 2,772,411.
- Fishlove, H., & Co.: *See*—
- Otto, Carl A. 2,775,064.
- Fishman, Samuel. Ophthalmic mounting. 2,754,724, 7-17-56, Cl. 88-47.
- Fishwood, Rollin W., and N. C. Williams, to Power Brake Equipment Co. Emergency air relay valve. 2,772,926, 12-4-56, Cl. 303-63.
- Fisk, Bert: *See*—
- True, Virgil, and Fisk. 2,745,067.
- Fisk, Bert, and C. L. Spencer. Synchronous starting clutch. 2,730,215, 1-10-56, Cl. 192-30.
- Fisk, Charles F., to United States Rubber Co. High impact strength plastic composition containing polyvinyl acetal resin and ethyl acrylate elastomer. 2,775,572, 12-25-56, Cl. 260-45.5.
- Fisk, Gustaf L. deceased; H. S. Fisk, executrix. Flying traction vise. 2,736,425, 2-28-56, Cl. 203-310.
- Fisk, Hazel S.: *See*—
- Fisk, Gustaf L. 2,736,425.
- Fiske, Augustus H., Jr., and D. A. Morley, to General Electric Co. Pneumatic fatigue testing device. 2,738,671, 3-20-56, Cl. 73-67.
- Fisler, Leland H., to The American Hardware Corp. Knob retainer. 2,739,006, 3-20-56, Cl. 292-352.
- Fisler, Leland H., to The American Hardware Corp. Door lock. 2,759,352, 8-21-56, Cl. 70-210.
- Fisler, Leland H., N. A. Welch, and F. J. McConnell, to The American Hardware Corp. Door latch operating device. 2,733,088, 1-31-56, Cl. 292-1.
- Fisons Ltd.: *See*—
- Bacon, Cyril G., and Friend. 2,747,964.
- Fitch, Elliott B., and J. V. Ralston, to Bendix-Westinghouse Automotive Air Brake Co. Fluid pressure system. 2,746,255, 5-22-56, Cl. 60-57.
- Fitch, Elliott B., to Dorr-Oliver Inc. Continuous ion exchange treatment. 2,767,140, 10-16-56, Cl. 210-24.
- Fitch, Frederick T., to W. R. Grace & Co. Primary amine fluosulfate process. 2,759,958, 8-21-56, Cl. 260-448.2.
- Fitch, Howard M. Amino-aryl esters of acid phosphorus compounds. 2,759,961, 8-21-56, Cl. 260-461.
- Fitch, John C. A., to Standard Container, Inc. Resealable tubular metallic container. 2,757,821, 8-7-56, Cl. 220-54.
- Fitch Textile Co., Inc.: *See*—
- Johnson, Edwin H. 2,750,649.
- Fitchburg Engineering Corp.: *See*—
- Forman, William O. 2,752,099.
- Fitchett, Gilmer T.: *See*—
- John, Song, and Fitchett. 2,759,947.
- Fittler, Lester B., to The Standard Machinery Co. Self-sealing telescopic splice-box. 2,737,685, 3-13-56, Cl. 18-6.
- Fitter, Ernest A.: *See*—
- Early, Thomas A., Jr., and Fitter. 2,734,279.
- Fitzgerald, Albert J., to General Electric Co. Grill. 2,742,116, 4-22-56, Cl. 280-14.
- Fitzgerald, Albert J., to General Electric Co. Locomotive grille. 2,757,765, 8-7-56, Cl. 189-82.
- Fitzgerald, Edwin R., to Wisconsin Alumni Research Foundation. Apparatus for determining dynamic mechanical properties of viscoelastic materials. 2,743,239, 12-18-56, Cl. 73-67.
- Fitzgerald, Gerald C. Anti-skid device. 2,730,406, 1-10-56, Cl. 301-47.
- Fitz Gerald, Harold G., to Victorlita Industries, Inc. Collapsible portable image projecting apparatus. 2,767,611, 10-23-56, Cl. 88-24.
- Fitzgerald, John V.: *See*—
- Smith, Earl R., and Fitzgerald. 2,762,714.
- Fitzgerald, John V. Hand tools for scoring and breaking tile and the like. 2,733,703, 2-7-56, Cl. 125-23.
- Fitzgerald, John V., to Pittsburgh Plate Glass Co. Electrical recording device. 2,751,477, 8-21-56, Cl. 201-73.
- Fitzgerald, John V., and K. M. Laing, to Pittsburgh Plate Glass Co. Glass radiometer. 2,745,284, 5-15-56, Cl. 73-355.
- Fitzgerald, John V., and G. S. Bachman, to Pittsburgh Plate Glass Co. Transparent nuclear radiation shield. 2,747,105, 4-22-56, Cl. 180-108.
- Fitzgerald, John V., G. S. Bachman, and K. M. Laing, to Pittsburgh Plate Glass Co. Meter for high radiation fluxes. 2,752,506, 6-26-56, Cl. 250-83.
- Fitzgerald, John V., and G. S. Bachman, to Pittsburgh Plate Glass Co. Radiation colorable chromium glass. 2,770,922, 11-20-56, Cl. 49-88.
- FitzGerald, John W.: *See*—
- Schmitter, Walter P., Bade, and FitzGerald. 2,732,731.
- Fitzgerald, Reginald P., to Pneumatic Drop Hammer Co. Method and apparatus for die-forging articles from blanks of nonplastic rigid material. 2,744,315, 5-8-56, Cl. 29-553.
- Fitzgerald, Robert H., and E. E. Bauer, to Bendix Aviation Corp. Collapsible antenna. 2,763,002, 9-11-56, Cl. 343-880.
- Fitzgerald, Robert T.: *See*—
- Kulikowski, Edwin F., Miles, and FitzGerald. 2,745,016.
- Fitzgerald, Thomas W., and E. W. Farrer, to the United States of America as represented by the Secretary of the Navy. Rocket steering system. 2,774,305, 12-18-56, Cl. 102-49.
- Fitzgerald, William S., to General Electric Co. Mounting arrangement for sheathed heaters. 2,757,271, 7-31-56, Cl. 219-38.
- Fitzhugh, Troy O., and G. T. Holt, to Shell Development Co. Expandable tube plug. 2,764,184, 9-25-56, Cl. 138-89.
- Fitzmaurice, John J., to Brown Co. Aligning conveyor system. 2,753,976, 7-10-56, Cl. 198-33.
- Fitzmayer, Louis H.: *See*—
- Jordan, Samuel C., and Fitzmayer. 2,767,293.
- Fitzner, Arthur O.: *See*—
- King, George E., and Fitzner. 2,743,405.

- Fitzner, William H., to Henry Vogt Machine Co. Control for selective ice cuber and crusher. 2,741,096, 4-10-56, Cl. 62-4.
- Fitzpatrick, Henry. Hat hanger and identifying means for hat. 2,771,230, 11-20-56, Cl. 224-5.
- Fitzpatrick, Hugh M., and M. P. Hackleroad. Gas concentration measurement. 2,741,911, 4-17-56, Cl. 73-19.
- Fitzsimmons, Archie L. Electric indicator. 2,738,404, 3-13-56, Cl. 201-48.
- Fitzsimmons, Archie L. Trolling ballast. 2,749,649, 6-12-56, Cl. 43-43.1.
- Fitzsimmons, David P., to Westinghouse Air Brake Co. Railway car speed determining and control apparatus. 2,751,492, 6-19-56, Cl. 246-182.
- Fitzsimmons, Harold C., to The Sharples Corp. Centrifugal separation. 2,761,818, 9-4-56, Cl. 233-19.
- Fitzsimmons, William J. Journal box seal. 2,758,854, 8-14-56, Cl. 286-6.
- Flx, Willi. Photographic printer. 2,729,155, 1-3-56, Cl. 95-75.
- Flisstedt, Thorsten A., to McGraw Electric Co. Latch for single and double throw break operated disconnect switch. 2,770,702, 11-13-56, Cl. 200-169.
- Flag, John E., and J. A. Rusekas, to D. M. Clark. Inflatable garment for aviators and the like. 2,762,047, 9-11-56, Cl. 2-2.
- Flagello, Vincent A. Air operated clock. 2,770,941, 11-20-56, Cl. 58-42.
- Flaherty, Francis E., to Sylvania Electric Products Inc. Electrical test circuits. 2,748,347, 5-29-56, Cl. 324-158.
- Flakice Corp. *See*—  
Field, Crosby. 2,747,379.
- Flake, John. *See*—  
Winger, Stover C. 2,762,478.
- Flamand, Maurice R., to Draper Corp. Loom stop motion. 2,744,544, 5-8-56, Cl. 139-354.
- Flamand, Maurice R., to Draper Corporation. Let-off for looms. 2,745,439, 5-15-56, Cl. 139-110.
- Flambeau Plastics Corp. *See*—  
Hulsterman, Harold D. 2,743,839.
- Flamm, Karl H., to C. Blue. Device for discharging liquids from receptacles. 2,734,665, 2-14-56, Cl. 222-207.
- Flanagan, James J., 40% to F. W. Ratley. Drum carrier attachment for lift trucks. 2,773,616, 12-11-56, Cl. 214-655.
- Flanders, Elmer D. *See*—  
Ringel, Harold A., and Meyer. 2,746,668.
- Flanders, Irving C. *See*—  
Kienberger, Charles A., Greene, Flanders, and Flynn. 2,751,314.
- Flanders, Jay D. Anal napkin. 2,742,042, 4-17-56, Cl. 128-290.
- Flanigen, Cameron D., and W. J. Dietz, Jr., to Bendix Aviation Corp. Starter control system. 2,742,759, 4-24-56, Cl. 60-39.1.
- Flannery, James N. *See*—  
Armitage, Joseph B., and Flannery. 2,736,243.
- Flannery, John P., to Union Chemical & Materials Corp. Dishwashers. 2,734,122, 2-7-56, Cl. 219-39.
- Flannery, John P., and W. G. Landwiler, to The Murray Corp. of America. Washing machines. 2,758,718, 8-14-56, Cl. 210-63.
- Flasher Electronic Corp. *See*—  
Cradock, Charles L. 2,736,005.
- Flaschicker, Ewald, to Erven Lucas Bols, Inc. Beverage mixer. 2,771,913, 11-27-56, Cl. 141-9.
- Flaten, Nordahl T. *See*—  
Larson, Arnold W. G., and Flaten. 2,744,361.
- Flater, Anders H., to General Electric Co. Mounting means for externally applied heating elements. 2,742,561, 4-17-56, Cl. 219-38.
- Flatt, Margaret J. Auxiliary bed hoist. 2,774,079, 12-18-56, Cl. 5-84.
- Flatt, James H. *See*—  
Dyer, John W., Flatt, and Short. 2,744,282.
- Short, Brooks H., and Flatt. 2,761,537.
- Flat, Emil, and J. E. Hövel, to Klockner-Humboldt-Deutz Aktiengesellschaft. Air cooled two stroke cycle internal combustion engine. 2,758,851, 8-14-56, Cl. 123-41.67.
- Flat, Emil, and J. Hövel, deceased (by M. E. Hövel, executrix), to Klockner-Humboldt-Deutz Aktiengesellschaft. Air cooled internal combustion engine. 2,766,741, 10-16-56, Cl. 123-41.67.
- Flaws, John, Jr., K. W. Reynolds, and C. R. Meckstroth, to General Electric Co. Automatic lamp base threading machine. 2,748,450, 6-5-56, Cl. 29-25.13.
- Flax, Jerome *See*—  
Childress, Clyde. 2,737,437.
- Fleck, Fritz, to Sandoz A. G. Optical brightening agents of the stilbene series. 2,766,239, 10-9-56, Cl. 260-249.6.
- Fleco Corp. *See*—  
Wilson, Anos J. 2,741,041.
- Fleer, Thomas P. *See*—  
Farnner, Clyde M., Roos, Wright, and Fleer. 2,735,047.
- Fleet of America, Inc. *See*—  
Monjar, Percival C., Riehle, and Thiem. 2,758,333.
- Fleischel, Gaston, dedicated to the free use and benefit of the public. Control mechanism for automotive transmissions. 2,738,683, 3-20-56, Cl. 74-336.5.
- Fleischel, Gaston, dedicated to the free use and benefit of the public. Snap-action governor. 2,738,968, 3-20-56, Cl. 264-17.
- Fleischer, Arthur, to Nickel Cadmium Battery Corp. Electric battery plate and method of producing the same. 2,771,499, 11-20-56, Cl. 136-24.
- Fleischer, Frank H., to General Electric Co. Rotor member for dynamoelectric machine. 2,740,910, 4-3-56, Cl. 310-211.
- Fleischer, Jeannette. Protective shields. 2,769,980, 11-13-56, Cl. 2-174.
- Fleischer, John, to National Twist Drill & Tool Co. Gun drill. 2,739,496, 3-27-56, Cl. 77-68.
- Fleischer, S. S. C. Device for ensuring the correct sequence of threads in a warp. 2,736,084, 2-28-56, Cl. 28-22.
- Fleischer, Svend S. C. Method of supporting threads or groups of threads in a thread layer when the threads or groups of threads are to be separated singly from the said layer. 2,774,125, 12-18-56, Cl. 28-22.
- Fleischhacker, Desider, and N. Barsel, to International Hormones, Inc. Solubilized adrenochrome hemostatic compositions. 2,774,711, 12-18-56, Cl. 167-65.
- Fleischhauer, Henry G. Automatic controlling device for branch pipe lines. 2,744,541, 5-8-56, Cl. 137-627.
- Fleischman, George P., to General Motors Corp. Vibration dampening means for brakes, clutches, and the like. 2,764,260, 9-25-56, Cl. 188-1.
- Fleischman, Joseph I. Rotary stone raking and removing machine. 2,732,672, 1-31-56, Cl. 55-17.
- Fleischmann, Walter K. Holder for carbon rolls. 2,730,225, 1-10-56, Cl. 197-262.
- Feiss, Hyman. Artist's panel. 2,742,724, 4-24-56, Cl. 41-4.
- Feissner, Hans, to Firma Feissner & Sohn, Maschinenfabrik. Apparatus for drying loose fibrous materials. 2,755,513, 4-24-56, Cl. 19-89.
- Feliszar, Mitchell J., Sr., J. R. Goldsmith, J. F. Lenc, and J. J. Pkicunas, to Crane Co. Apparatus for producing metal sponges, including conduit sealing means. 2,756,043, 7-24-56, Cl. 266-24.
- Felt, Martin, and R. L. Ginesi. Bottle support. 2,748,952, 6-5-56, Cl. 211-74.
- Fleming, Antoinette J. Armrest for automobile seats. 2,751,968, 6-26-56, Cl. 155-112.
- Fleming, Charles A., to Borg-Warner Corp. Coating removal apparatus. 2,733,466, 2-7-56, Cl. 15-97.
- Fleming, Charles P. Collapsible anti-glare device for mounting on a windshield. 2,746,790, 5-22-56, Cl. 296-97.
- Fleming, Charles T. Buoyant pump rod and booster valve for oil well pumps. 2,743,077, 5-1-56, Cl. 103-229.
- Fleming, Felix W. *See*—  
Pacora, Ralph J., Jr., Rein, and Fleming. 2,753,217.
- Fleming, Gertrude M., to Farrand Optical Co., Inc. Electron lens. 2,740,919, 4-3-56, Cl. 315-15.
- Fleming, Howard M., Jr. *See*—  
Burkhardt, William H., Fleming, and Pfleger. 2,769,592.
- Fleming, Howard M., Jr., to Monroe Calculating Machine Co. Keyboard input circuit. 2,759,171, 8-14-56, Cl. 340-174.
- Fleming, Hugh B. System of carrier current distribution. 2,743,434, 4-24-56, Cl. 340-310.
- Fleming, Jere B. Fire extinguisher for auto tires. 2,732,017, 1-24-56, Cl. 169-31.
- Fleming, John J. *See*—  
Kindle, Robert W., and Fleming. 2,741,295.
- Kindle, Robert W., and Fleming. 2,752,978.
- Fleming, John S. *See*—  
Fleming, Margaret E. 2,771,084.
- Fleming, Margaret E. 2,771,085.
- Fleming, Margaret E. 2,771,889.
- Fleming, Joseph. Fertilizer distributing apparatus for check-row corn planters. 2,749,856, 6-12-56, Cl. 111-52.
- Fleming, Margaret E. Combined clutch pusher and finger nail cleaner. 2,738,794, 3-20-56, Cl. 132-73.
- Fleming, Margaret E., to J. S. Fleming. Dental cleaner. 2,771,084, 11-20-56, Cl. 132-89.
- Fleming, Margaret E., to J. S. Fleming. Dental cleaner. 2,771,085, 11-20-56, Cl. 132-89.
- Fleming, Margaret E., to J. S. Fleming. Dental cleaner. 2,771,889, 11-27-56, Cl. 132-89.
- Fleming, Robert E., to Protex Chemical & Schwartz, Inc. Dryer for powdered material. 2,746,171, 5-22-56, Cl. 34-233.
- Fleming, Raymond E., to Sylvania Electric Products Inc. Work piece holder. 2,731,948, 1-24-56, Cl. 118-503.
- Fleming, Robert *See*—  
St. Clair, Theodore A., and Fleming. 2,737,201.
- Fleming, Robert E., to A. E. Watts, Stalovich, and C. A. Gilmore. Container openers. 2,755,548, 7-24-56, Cl. 30-4.
- Fleming, Victor S. *See*—  
Jensen, Ole D., and Fleming. 2,745,179.
- Fleming, William J., to General Electric Co. Panelboard construction. 2,738,446, 3-13-56, Cl. 317-119.
- Fleming, William T. *See*—  
Towle, Robert G., and Fleming. 2,738,033.
- Fleming, William T., to Specialties Development Corp. Valve. 2,738,159, 3-13-56, Cl. 251-333.
- Fleming, William T., to Specialties Development Corp. Apparatus for visually detecting suspended matter in fluid. 2,770,162, 11-13-56, Cl. 88-14.
- Flemming, Albert E., to Chrysler Corp. Sealing strip. 2,764,786, 10-2-56, Cl. 20-56.4.
- Flemer, Albert L., to E. I. du Pont de Nemours and Co. Organic sulfides and their preparation. 2,766,274, 10-9-56, Cl. 260-500.
- Flesher, Wendell P. Foldable ladder support. 2,743,049, 4-24-56, Cl. 228-64.



- Fletcher, Albert E. Shaft seal. 2,752,175, 6-26-56, Cl. 286-9.
- Fletcher, Arthur H., to Rolls-Royce Ltd. Compound gas-turbine engine with low-pressure compressor and turbine by-pass. 2,748,568, 6-5-56, Cl. 60-39.16.
- Fletcher, Arthur H., N. E. Payne, G. Ellison, and E. W. Snow, to Rolls-Royce Ltd. Power transmission systems. 2,741,351, 4-10-56, Cl. 192-4.
- Fletcher Aviation Corp. *See*—
- Thompson, John W. Sweetgood, and Ryder. 2,737,164.
- Fletcher, Clarence B. Blast gun. 2,751,716, 6-26-56, Cl. 51-11.
- Fletcher, Ed. *See*—
- Slayter, Games, and Fletcher. 2,729,027.
- Slayter, Games, and Fletcher. 2,729,028.
- Fletcher, Geoffrey. *See*—
- Smith, Anthony P., and Fletcher. 2,744,662.
- Fletcher, George L., to Eastman Kodak Co. Method of purifying  $\beta$ -ketoacetal. 2,760,984, 8-28-56, Cl. 260-594.
- Fletcher, George L., to Eastman Kodak Co. Conversion of hydroxy vitamin A acetal to vitamin A aldehyde. 2,766,290, 10-9-56, Cl. 260-598.
- Fletcher, George L., and J. S. Hull, to Eastman Kodak Co. Process for preparing  $\beta$ -ketoacetal. 2,760,986, 8-28-56, Cl. 260-594.
- Fletcher, John, to National Research Corp. Coating. 2,737,105, 10-16-56, Cl. 11-71.
- Fletcher, John F. Siren. 2,732,547, 1-24-56, Cl. 340-405.
- Fletcher, Philip J. *See*—
- Ashwood, Peter F., and Fletcher. 2,770,095.
- Fletcher, Robert C., to Bell Telephone Laboratories, Inc. Method and apparatus for determining phase angle and for coupling in measuring microwave impedances. 2,760,156, 8-21-56, Cl. 324-58.
- Fletcher, Robert C., to Bell Telephone Laboratories, Inc. Interdigital filter circuit. 2,768,322, 10-23-56, Cl. 315-3.5.
- Fletcher, William H. *See*—
- Barad, Edward C., Fletcher, Jatzek, and Pappas. 2,752,307.
- Flett, Charles D. *See*—
- Heimark, Clarence J. 2,763,175.
- Flenny, Jack E., to Detroit Controls Corp. Electric igniter. 2,753,930, 7-5-56, Cl. 158-128.
- Flexible Carbon Products, Inc. *See*—
- Gordon, Edward. 2,765,579.
- Flexible Road Joint Machine Co. *See*—
- Carnes, Fred D. 2,729,152.
- Flexible Tubing Corp., The. *See*—
- Daggett, Frederick K. 2,754,748.
- Flexigrip Inc. *See*—
- Post, Louis. 2,772,712.
- Staller, Karel J., and Svec. 2,736,079.
- Flexi-Vex Corp. *See*—
- Redard, Leslie J. 2,762,210.
- Flexman, James W. *See*—
- Lidge, Ralph T., and Flexman. 2,729,272.
- Flexman, James W., and R. T. Lidge. Bed pan. 2,747,199, 5-29-56, Cl. 4-112.
- Flex-O-Glass, Inc. *See*—
- Harter, Clair. 2,757,703.
- Warp, Harold. 2,742,391.
- Warp, John R. 2,741,306.
- Flex-O-Lators, Inc. *See*—
- Moorehouse, Richard. 2,774,986.
- Platt, John G. 2,771,129.
- Richardson, William F. 2,744,480.
- Richardson, William F. 2,757,734.
- Flexonics Corp. *See*—
- Fentress, David W. 2,767,740.
- Homfeldt, Bransford R., and Chlappe. 2,735,621.
- Parlases, Edwin W. 2,774,540.
- Schindler, Frank S., and Homfeldt. 2,756,804.
- Schindler, Frank S., and Titus. 2,739,828.
- Flicek, Dorothy, Industries, Inc. *See*—
- Deutsch, Robert D., and Langos. 2,734,190.
- Flick, Francis S., to Flick-Reedy Corp. Piston and cylinder seal lining. 2,757,993, 8-7-56, Cl. 309-4.
- Flick, Francis S., and W. J. Kudlaty, to Flick-Reedy Corp. Floating cushion for a piston and cylinder device. 2,755,775, 7-24-56, Cl. 121-38.
- Flick-Reedy Corp. *See*—
- Flick, Francis S. 2,757,993.
- Flick, Francis S., and Kudlaty. 2,755,775.
- Flicker, Howard D., to Jasco Aluminum Products Corp. Window sash mounting and locking arrangement. 2,730,776, 1-17-56, Cl. 20-52.2.
- Flicker, Howard D., to Jasco Aluminum Products Corp. Door sash sealing strip. 2,757,422, 8-7-56, Cl. 20-69.
- Flickinger, Lester. *See*—
- Blaisdell, George G., and Flickinger. 2,774,234.
- Flieth, Walter W. Concealed hinge structure. 2,764,777, 10-2-56, Cl. 16-173.
- Flight Refuelling Ltd. *See*—
- Goodlife, Arthur W., and Proctor. 2,731,280.
- Lutmer-Needham, Cecil H., and Worlidge. 2,774,547.
- MacGregor, Peter S., and Smith. 2,771,090.
- Worlidge, Ronald F. 2,733,079.
- Flinchbaugh, Donald E. and H. K. Wheel motor for lawn mower. 2,763,116, 9-18-56, Cl. 56-25.4.
- Flinchbaugh, Henry K. *See*—
- Flinchbaugh, Donald E. and H. K. 2,763,116.
- Flind, Herbert C. Wire tensioning device. 2,731,691, 1-24-56, Cl. 24-71.2.
- Flinn, Hubert. *See*—
- Umrath, Ernst, and Flinn. 2,739,271.
- Flinn, Hubert K., to United Specialties Co. Vacuum breaker. 2,749,895, 6-12-56, Cl. 123-97.
- Flint, Hyland C. *See*—
- Williams, Richard J., and Flint. 2,764,227.
- Flint, Hyland C., to American Metal Products Co. Spring construction. 2,731,075, 1-17-56, Cl. 155-179.
- Flint, Hyland C., to American Metal Products Co. Zigzag spring cushion having central support. 2,745,472, 5-15-56, Cl. 155-179.
- Flint, Russell C., to LCN Closers, Inc. Connection for door-checks. 2,772,439, 12-4-56, Cl. 16-49.
- Flint, Thomas. *See*—
- Fluke, John M., and Flint. 2,736,554.
- Flippin, James A. Clothesline apparatus. 2,759,685, 8-21-56, Cl. 242-102.
- Flocke, Alexander. *See*—
- Richter, Kurt, Kochalski, Flocke, and Heuer. 2,745,413.
- Körber, Willy, and Flocke. 2,747,582.
- Floche, Alexander. Drive chain. 2,769,346, 11-6-56, Cl. 74-250.
- Floehar, Warren K. Spring bracket. 2,755,500, 7-24-56, Cl. 16-76.
- Flohr, Alfred J., & to J. C. Ward. Rotary wire brushes. 2,739,332, 3-3-56, Cl. 15-198.
- Flojo, Ingvald O. *See*—
- Ringsness, Cornell O. 2,757,807.
- Flo-Matic Valve Co. *See*—
- De Schane, Dale L., and Ness. 2,768,683.
- Flood, Carl A., to Dennison Mfg. Co. Tag attaching device. 2,729,177, 8-5-56, Cl. 112-10.
- Flood, Carl A., to Dennison Mfg. Co. Strand-loop fastener. 2,733,527, 2-7-56, Cl. 40-20.
- Flood, James E., to The Plastic Wire & Cable Corp. Insulated wire. 2,744,153, 5-1-56, Cl. 174-121.
- Flood, John E., and S. D. Harper. Electrical pulse modulators. 2,760,160, 8-21-56, Cl. 332-9.
- Flood, John J., and C. E. Thompson. Welding machine. 2,753,425, 7-3-56, Cl. 219-8.
- Flood, Robert D. *See*—
- Billy, Gordon E., and Flood. 2,737,609.
- Pan, Wen Y., and Flood. 2,752,486.
- Flook, Edward R., and R. G. Sweet, to the United States of America as represented by the United States Atomic Energy Commission. Oxidation of uranic oxide to uranium trioxide with nitric acid vapor. 2,735,745, 2-21-56, Cl. 23-14.5.
- Flora, Laurence H., to Tinnerman Products, Inc. Fastening device. 2,737,269, 3-6-56, Cl. 189-36.
- Flora, Laurence H., to Tinnerman Products, Inc. Resilient stud clip or fastener. 2,740,179, 4-3-56, Cl. 24-213.
- Flora, Laurence H., to Tinnerman Products, Inc. Joint for roofing, wall, floor, or the like. 2,740,505, 4-3-56, Cl. 189-36.
- Flora, Laurence H., to Tinnerman Products, Inc. Fastening device. 2,748,906, 6-5-56, Cl. 189-35.
- Flora, Laurence H., to Tinnerman Products, Inc. Joint for roofing, wall, floor or the like. 2,751,052, 6-19-56, Cl. 189-36.
- Flora, Laurence H., to Tinnerman Products, Inc. Sheet metal lock nut with spring locking arm. 2,771,113, 11-20-56, Cl. 151-11.
- Floraday, Burton S. Key-operated door knob assembly. 2,729,090, 8-5-56, Cl. 70-253.
- Florear, Harold R. Portable cooling device for fluids and food. 2,770,103, 11-13-56, Cl. 62-96.
- Floren, Axel E. Means for attaching a tool to an inclined or vertical surface. 2,768,665, 10-30-56, Cl. 145-35.
- Florence, Frank P. Power operated fountain brush. 2,744,271, 5-8-56, Cl. 15-29.
- Florence, Robert T. *See*—
- Beatty, Julian L., and Florence. 2,772,175.
- Brandt, Carl L. W., and Florence. 2,732,795.
- Chambers, Thomas S., and Florence. 2,771,372.
- Chambers, Thomas S., and Florence. 2,771,373.
- Chambers, Thomas S., and Florence. 2,771,374.
- Klimkowski, Robert J., and Florence. 2,743,191.
- Klimkowski, Robert J., and Florence. 2,748,024.
- Florence Stove Co. *See*—
- Reeves, Herbert M. 2,743,719.
- Reeves, Herbert M. 2,762,594.
- Schneider, Frank H. 2,761,053.
- Flores, Iris M., to Sarong, Inc. Brassiere shaper. 2,730,275, 1-10-56, Cl. 223-66.
- Florida Industrial Laboratory, Inc. *See*—
- Short, Charles R., and Brouillette. 2,771,785.
- Florio, Patrick A., and L. W. Rainard, to Alexander Smith, Inc. Soil resistant fabric and method of making the same. 2,734,835, 2-14-56, Cl. 117-169.
- Florman, Irving. Lighter structure with compressible, resilient housing. 2,771,761, 11-27-56, Cl. 67-7.
- Florman, Irving. Chlorophyll impregnated filter means for tobacco products. 2,774,354, 12-18-56, Cl. 131-208.
- Florschutz, Fritz E. *See*—
- MacNeill, John B., Florschutz, and Lentjes. 2,760,033.
- Florschutz, Fritz E., and W. H. Stuellein, to Westinghouse Electric Corp. Circuit breaker with contact inspection device. 2,739,205, 3-20-56, Cl. 200-147.
- Florschutz, Fritz E., and R. H. Leitzel, to Westinghouse Electric Corp. Circuit breaker blast-valve mechanism. 2,739,206, 3-20-56, Cl. 200-148.

- Florschutz, Fritz E., and W. S. Aspey, to Westinghouse Electric Corp. Circuit interrupter. 2,743,337, 4-24-56, Cl. 200-150.
- Florschutz, Fritz E., and C. G. Lentjes, to Westinghouse Electric Corp. Circuit interrupter. 2,748,209, 5-29-56, Cl. 200-18.
- Flory, Leslie B., to Radio Corp. of America. Magnetic beam-focusing systems. 2,733,364, 1-31-56, Cl. 313-65.
- Floreal Corp.: See—  
Phillips, Henry F. 2,760,708.  
Read, Arthur. 2,735,605.
- Flour, William, to Stewart-Warner Corp. Mechanical assembly of electronic circuit components. 2,774,052, 12-11-56, Cl. 359-176.
- Floury, René: See—  
Roumens, Jean, and Floury. 2,766,854.
- Flower, Gilles, Jr.: See—  
Rowe, Richard G., and Flower. 2,761,787.  
Rowe, Richard G., and Flower. 2,773,832.
- Flower, Robert A., to General Precision Laboratory Inc. Pulsed microwave generator with automatic current control. 2,737,586, 3-6-56, Cl. 250-36.
- Flowers, Henry F. Dump car valve control mechanism. 2,738,733, 3-6-56, Cl. 100-273.
- Flowers, Henry F. Three-way rocker valve. 2,746,484, 5-22-56, Cl. 137-620.
- Flowers, Henry F. Dumping mechanism for tiltable car bodies. 2,760,657, 8-28-56, Cl. 214-464.
- Flowers, Henry F. Braking mechanism for an eight wheel axleless truck car. 2,762,459, 9-11-56, Cl. 188-47.
- Flowers, Henry F. Heating means for the walls and floor of a mine car. 2,766,705, 10-16-56, Cl. 105-451.
- Flowers, Ralph G., and G. D. Holmberg, to General Electric Co. Shellac-ethoxyline resin insulating compositions. 2,769,739, 11-6-56, Cl. 154-43.
- Flowers, Thomas H. Automatic telephone exchange systems. 2,770,678, 11-13-56, Cl. 179-18.
- Flowfax Corp.: See—  
Lewis, John O. 2,750,109.
- Floy, Baron R.: See—  
Clairmonte, Donald F. 2,749,625.
- Floyd, Burton D., to North American Aviation, Inc. Piston cushioning arrangement. 2,755,774, 7-24-56, Cl. 121-38.
- Floyd, Don E., to General Mills, Inc. Phenol-formaldehyde resins esterified with higher unsaturated fatty acids and dimerized rosin. 2,730,511, 1-10-56, Cl. 260-19.
- Floyd, H. Alan: See—  
Johnston, William, Jr. 2,743,893.
- Floyd, Joseph E.: See—  
Hodges, William A., and Floyd. 2,748,939.
- Floyd, Leldon O., and T. O. Manning, Sr. Warning signal for hydraulic lift systems. 2,735,909, 2-21-56, Cl. 200-84.
- Floyd, Oscar H., to Kemlite Laboratories. Stroboscope lamp. 2,731,577, 1-17-56, Cl. 313-110.
- Flubacker, Charles H., to Cook Electric Co. Electrical timing apparatus. 2,749,404, 6-5-56, Cl. 200-113.
- Flubacker, Charles H., to Cook Electric Co. Adjustable circuit control apparatus. 2,771,570, 11-20-56, Cl. 317-139.
- Flubacker, Charles H., to Cook Electric Co. Ice detecting probe. 2,775,678, 12-25-56, Cl. 219-19.
- Flubacker, Charles H., to Cook Electric Co. Ice detection system. 2,775,679, 12-25-56, Cl. 219-20.
- Flubacker, Charles H., to Cook Electric Co. Ice detection system. 2,775,680, 12-25-56, Cl. 219-20.
- Fluchaire, Maurice L. A., and J. A. Phelisse, to Societe des Usines Chimiques Rhone-Poulenc. Acrylonitrile copolymers. 2,735,827, 2-21-56, Cl. 260-32.
- Fluchaire, Maurice L. A., and J. A. Phelisse, to Societe des Usines Chimiques Rhone-Poulenc. Vinyl amino ether polymers and their preparation. 2,735,842, 2-21-56, Cl. 260-89.7.
- Fluck, Linton A., and A. L. Logan, to American Cyanamid Co. Water-repellent treatment for hydrophobic textile materials. 2,759,851, 8-21-56, Cl. 117-138.8.
- Fluegel, Dale A.: See—  
Parsons, James R., and Fluegel. 2,775,708.
- Fluid Systems, Inc.: See—  
Colton, George W. 2,761,949.  
Lines, Harold A. 2,741,301.
- Fluke, John M., to American Machine & Foundry Co. Bowling pin handling and changing machine. 2,736,555, 2-28-56, Cl. 273-43.
- Fluke, John M., and T. Flint, to American Machine & Foundry Co. Bowling pin handling and changing machine. 2,736,554, 2-28-56, Cl. 273-43.
- Flum, Herman H.: See—  
Hallerberg, Theodore W., Roberts, and Flum. 2,730,705.
- Fluor Corp., The: See—  
Morningsstar, Ralph E. 2,737,450.
- Fluor Corp., Ltd.: See—  
Hannah, Joe C. 2,729,588.  
Kohl, Arthur L., and Riesenfeld. 2,773,560.
- Fluorescent Fixtures of California: See—  
Richards, Charles J. 2,739,780.
- Flurscheim, Cedric H., C. A. Fawcett, and J. Barker, to Metropolitan-Vickers Electrical Co. Ltd. Multi-break air- or gas-blast circuit breakers. 2,766,354, 10-9-56, Cl. 200-148.
- Flurschutz, Glenn E., to The Air Preheater Corp. Mounting of sinuous fin elements. 2,731,243, 1-17-56, Cl. 257-245.
- Flury, Karl, to Defensor A. G. Apparatus for atomizing liquids. 2,766,071, 10-9-56, Cl. 299-63.
- Fluskey, Edward E.: See—  
Fluskey, Robert E., and E. E. 2,757,565.
- Fluskey, Robert E., and E. E. Fluskey, Jr., to J. D. Gray. Anti-friction guide bushing. 2,757,565, 8-7-56, Cl. 82-39.
- Flygare, Carl G., and R. F. Wilder, to Norton Co. Grinding machine. 2,740,236, 4-3-56, Cl. 51-92.
- Flynn, Arthur A.: See—  
De Coninck, Edward H., and Flynn. 2,762,028.
- Flynn, Arville R.: See—  
Kienberger, Charles A., Greene, Flanders, and Flynn. 2,751,344.
- Flynn, Charles V.: See—  
Sherman, Claudine R. 2,767,834.
- Flynn & Enrich Co.: See—  
Turner, James F., and Bartman. 2,752,756.
- Flynn, Francis F., W. A. Reeves, and J. D. Guthrie, to the United States of America as represented by the Secretary of Agriculture. Production of tetrakis (hydroxymethyl) phosphonium chloride. 2,743,299, 4-24-56, Cl. 260-606.5.
- Flynn, Gregory, Jr., to General Motors Corp. Engine cylinder construction. 2,736,300, 2-28-56, Cl. 123-41.31.
- Flynn, Gregory, Jr., to General Motors Corp. Engine gas valve operating means. 2,763,249, 9-18-56, Cl. 123-90.
- Flynn, John H., to General Motors Corp. Ash tray. 2,771,209, 11-20-56, Cl. 220-18.
- Flynn, John H. Multi-flame gas burners. 2,748,848, 6-5-56, Cl. 158-115.
- Flynn, Melvin W., to Food Machinery and Chemical Corp. Bread labeler. 2,748,971, 6-5-56, Cl. 216-55.
- Flynn, Michael, Mfg. Co.: See—  
Focht, Walter, Jr., Gurniak, and Starr. 2,743,796.
- Flynn, William D., Jr.: See—  
Flynn, William D., Sr., and W. D. Flynn, Jr. 2,773,422.
- Flynn, William D., Sr., and W. D. Flynn, Jr. Polarizing uni-focal Press Ltd., 2,773,422, 12-11-56, Cl. 88-41.
- Dear, Robert W. 2,762,159.
- Focht, Walter, Jr., J. Gurniak, and L. Starr, to Michael Flynn Mfg. Co. Awning window construction. 2,743,796, 5-1-56, Cl. 187-97.
- Fockler, Theodore C.: See—  
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- Foderaro, Anthony J.: See—  
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- Foecking, Norbert J.: See—  
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- Foerster, Charles V.: See—  
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- Fogelson, Emil: See—  
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- Fogle, Earle L., 10% to R. Sandler. Anti-freeze cap for hydrant. 2,762,386, 9-11-56, Cl. 137-296.
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- Fogle, Merlyn W., to Armour & Co. Method of purifying bile acids. 2,745,849, 5-15-56, Cl. 260-397.1.
- Fogle, William K., to Continental Can Co., Inc. Expendable handle. 2,732,111, 1-24-56, Cl. 224-17.
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- Fogwell, Joseph W. Filter cartridge. 2,742,160, 4-17-56, Cl. 210-189.
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- Fokias, Angelis A. Multiple expansion reciprocating steam engine with turbine operating from intermediate stage. 2,770,094, 11-13-56, Cl. 60-21.
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- Foldes, Stephen, to Bendix Aviation Corp. Electrical apparatus. 2,763,351, 7-24-56, Cl. 307-150.
- Foley, Adrian M., W. F. May, and J. R. Sackett, to E. I. du Pont de Nemours and Co. Coated metal surfaces and process of making same. 2,764,313, 9-25-56, Cl. 220-64.
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- Foley, Leonard J. 2,743,830.
- Foley, Daniel E., and F. H. Hanley, to American Telephone and Telegraph Co. Telegraph repeater system. 2,761,896, 9-4-56, Cl. 172-73.
- Foley, Edward A., to Masonite Corp. Glue spreading apparatus. 2,767,683, 10-23-56, Cl. 118-245.
- Foley, Edward J., and J. Havsky, to Schering Corp. Self-sterilizing antihistaminic solution of 3-(p-chlorophenyl)-3-(2-pyridyl)-N,N-dimethyl propylamine. 2,766,174, 10-9-56, Cl. 167-65.
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- Cherry, Robert H., and Foley. 2,734,376.
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- Foley, Michael P., to Western Precipitation Corp. Meter protection and alarm circuit for electric precipitators. 2,767,804, 10-23-56, Cl. 183-7.
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- Foley, Richard G. Hair cutting guide. 2,774,359, 12-18-56, Cl. 132-129.
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- Folk, Hans J. *See* Loeschig, Ladislaus S., and Folk.
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- Folkenroth, Earl E., to Aircraft-Marine Products Inc. Insulation stripping applicator and methods of application. 2,774,350, 12-18-56, Cl. 293-5.
- Folker, Herbert P., to National Safety Appliance Co., Ltd. Train control system. 2,729,514, 1-3-56, Cl. 303-18.
- Folkers, Karl. *See* Kaczka, Edward A., Wolf, and Folkers.
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- Wright, Lemuel D., Wood, and Folkers. 2,766,254.
- Folkers, Karl A., to Merck & Co., Inc. Feed containing L-lyxoflavin. 2,760,865, 8-28-56, Cl. 99-2.
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- Folland, Lee H. *See* Davis, Raymond C.
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- Folland, Willard E., and C. A. Ellis, to American Optical Co. Intravenous infusion system. 2,771,878, 11-27-56, Cl. 128-214.
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- Follett, Roy C. Collapsible inwardly folding door for refrigeration equipment. 2,740,473, 3-5-56, Cl. 160-32.
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- Folmsbee, Clyde H., to Union Tank Car Co. Tank anchor means for tank cars. 2,771,040, 11-20-56, Cl. 105-362.
- Folsom, Harold A., to Jervis B. Webb Co. Floor truck drive pin. 2,737,902, 3-13-56, Cl. 104-172.
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- Fonda, Allen B., and J. B. Horvay, to General Electric Co. Rotating receptacle structure for household refrigerators. 2,746,830, 5-22-56, Cl. 312-270.
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- Font, Ramon, to Premier Research Laboratories, Inc. Thermostatic switch. 2,732,462, 1-24-56, Cl. 200-138.
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- Fontaine, Elie, and H. Peyrin, to Etablissements Neyrpic. Hydraulic reaction turbine. 2,758,815, 8-14-56, Cl. 253-117.
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- Fontaine, Michel. Rotary vibrator. 2,763,472, 9-18-56, Cl. 259-1.
- Fontaine, Rene J. Dispensing container. 2,740,575, 4-3-56, Cl. 222-15.
- Fontaine, Thomas D. *See* Wood, John W., Fontaine, and Mitchell.
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- Fontana, Mars G. Method for making pig iron or steel. 2,729,556, 1-3-56, Cl. 75-11.
- Fontana, Freerk J. *See* Krigsmann, Centinus, Fontein, and Leeman.
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- Fontein, Freerk J., to Stamicarbon N. V. Process and apparatus for causing a liquid to flow along different conduits depending on the viscosity of the liquid concerned. 2,769,546, 11-6-56, Cl. 210-1.
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- Bowie, Adrian St. J. 2,770,069.
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- Carriagan, Tracy. 2,765,701.
- Coons, Burton C. 2,740,441.
- Creed, Sherman H. 2,756,862.
- Dawsey, Lynn H., and Umhoefer. 2,768,066.
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- De Back, William, Puccinelli, and McCloud. 2,738,819.
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 Schach, Wilbur A. 2,769,965.  
 Schiedel, George M. 2,755,435.  
 Szesny, Edward R. 2,767,512.  
 Setz, Henry L., and Toms. 2,763,495.  
 Sewell, Walter W., and Wilson. 2,744,642.  
 Smith, Ben J., and Butler. 2,753,202.  
 Spear, Adrian G., Jr. 2,768,024.  
 Spear, Adrian G., Jr., and Hugins. 2,768,025.  
 Thomas, Charles W. 2,741,725.  
 Toms, Bruce E. 2,763,494.  
 Willey, Harold L. 2,729,356.  
 Wilson, Raymond W. 2,729,350.  
 Wilson, Raymond W. 2,729,469.  
 Wilson, Raymond W. 2,747,486.  
 Wilson, Raymond W. 2,763,194.  
 Wise, Ralph H. 2,729,077.  
 Wise, Ralph H. 2,738,217.  
 Witt, Robert H. 2,731,780.



- Ford Motor Co.: *See*—Continued  
Witt, Robert H., 2,766,835.  
Bright, Dexter C., 2,767,033.  
Wreth, Nathaniel, 2,760,604.
- Ford, Robert S., Guard for cutting tool of woodworking machine, 2,747,628, 5-29-56, Cl. 144-249.
- Ford, Robert S., Self-propelled hydraulic cleaving machine for felling and bucking trees in logging operations, 2,751,943, 8-26-56, Cl. 144-34.
- Ford, Silas M.: *See*—  
Brennan, Andrew, and Ford, 2,757,479.
- Ford, Walter D.: *See*—  
Baumler, Karl, and Ford, 2,736,142.
- Ford, Walter D., to Pittsburgh Plate Glass Co., Method of pore closure for double glazed unit, 2,736,143, 2-28-56, Cl. 49-82.
- Ford, Walter D., to Pittsburgh Corning Corp., Production of cellulated glass, 2,758,937, 8-14-56, Cl. 106-40.
- Fordham, James W. L.: *See*—  
Williams, Harry L., and Fordham, 2,753,327.  
Williams, Harry L., and Fordham, 2,759,911.
- Fords (Finsbury) Ltd.: *See*—  
Ford, Geoffrey E., and Hubbard, 2,765,608.
- Fordyce, Charles R., and B. C. Michener, to Eastman Kodak Co., Combined light sensitive film and draw tab for film packs and method of making same, 2,735,771, 2-21-56, Cl. 95-9.
- Fordyce, Charles R., and B. E. Gramke, to Eastman Kodak Co., Cellulose acetate film-forming composition and a film made therefrom, 2,739,069, 3-20-56, Cl. 106-189.
- Fordyce, Charles R., and B. E. Gramke, to Eastman Kodak Co., Cellulose mixed ester film-forming composition and a film made therefrom, 2,739,070, 3-20-56, Cl. 106-189.
- Fordyce, Rufus G., to Luminous Processes, Inc., Paint agitator and dispenser, 2,755,970, 7-24-56, Cl. 222-167.
- Fordyce, Rufus G., to Luminous Processes, Inc., Stencil screen supporting and adjusting apparatus, 2,757,607, 8-7-56, Cl. 101-127.1.
- Foreman, Kenneth S., Hydraulic brake system with hydraulic booster, 2,757,512, 8-7-56, Cl. 60-54.6.
- Foreman, Robert W., to The Standard Oil Co., Static yield point measurement, 2,747,399, 5-29-56, Cl. 73-57.
- Foremost Dairies, Inc.: *See*—  
Terrett, John P., 2,737,374.
- Foreman, Seth T.: *See*—  
Dillman, Oscar D., and Foreman, 2,737,791.
- Foresta, Dominick G., and W. Levin, Scaffold and sawhorse bracket, 2,753,222, 7-3-56, Cl. 304-5.
- Forestek, Clarence W., Electrodepositing chromium on aluminum, 2,739,932, 3-27-56, Cl. 204-38.
- Forestek, Clarence W., Aligned anode apparatus, 2,739,937, 3-27-56, Cl. 204-286.
- Forester, Edward H., Jr.: *See*—  
Cookson, Harold W., Jr., Forester, and Wardlaw, 2,763,036.
- Forgas, Pedro B.: *See*—  
Busquets, Juan B., and Forgas, 2,751,746.
- Forgedrive Piston Corp.: *See*—  
Sparks, Cleone A., 2,740,519.
- Forgeng, William D.: *See*—  
Eramus, Hendrik D., and Forgeng, 2,750,268.
- Forges et Ateliers de Constructions Electriques de Jeumont: *See*—  
Letrilliart, Pierre, 2,729,782.
- Forgrove Machinery Co. Ltd., The: *See*—  
Brook, Leonard, 2,729,042.
- Brook, Leonard, 2,756,697.
- Harris, Richard A., Parker, and Carter, 2,737,387.
- Hopton, Alan, and Russell, 2,739,433.
- Hopton, Alan, and Russell, 2,753,974.
- Letrilliart, Pierre, and Bichet, 2,738,454.
- Forge, Stanley V., to Radio Corp. of America, Photo-conductive targets for cathode ray devices, 2,744,837, 5-8-56, Cl. 117-211.
- Forge, Stanley V., and R. R. Goodrich, to Radio Corp. of America, Photo-conductive targets for cathode ray devices, 2,745,032, 5-8-56, Cl. 313-105.
- Forkel, Curt E., to Phillips Petroleum Co., Pebble heat exchange chamber, 2,729,548, 1-3-56, Cl. 23-284.
- Forkel, Curt E., to Phillips Petroleum Co., Pebble heat exchange chamber, 2,750,158, 12-56, Cl. 257-55.
- Forkel, Karl, to Schweiter Ltd., Collector system for pirns, 2,767,536, 10-23-56, Cl. 53-226.
- Forkner, Ewell W., to Precision Flexopress Corp., Connecting rod bearing and lubricating means therefor for punch and blanking presses and the like, 2,739,019, 3-20-56, Cl. 308-121.
- Forn, Herbert R.: *See*—  
Forn, Herbert R., Frederick A., and Forman, 2,735,788.
- Forman, Ivin R., to The Haloid Co., Photographic stripping tissue, 2,740,716, 4-3-56, Cl. 95-8.
- Forman, Julie R., Collapsible luggage dolly, 2,729,460, 1-3-56, Cl. 280-40.
- Forman, Lawrence E., to The Firestone Tire & Rubber Co., Sulfur vulcanizable rubber stabilized with a mixture of an alkyl substituted phenol and an alkyl substituted di (hydroxyphenyl) alkane, 2,731,442, 1-17-56, Cl. 260-45.93.
- Forman, Lawrence E., to The Firestone Tire & Rubber Co., Vulcanized rubber stabilized with a mixture of a di (hydroxyphenyl) sulfide and a di (alkylhydroxyphenyl) methane, 2,731,443, 1-17-56, Cl. 260-45.95.
- Forman, Sidney, Hobbyhorses, 2,770,291, 11-13-56, Cl. 155-56.
- Forman, William O., to Fitchburg Engineering Corp., Wood and brush chipping machine, 2,752,099, 6-26-56, Cl. 241-221.
- Formart Containers, Inc.: *See*—  
Kollmann, Harry, 2,748,672.
- Formenti, Paolo, Profile element for harness frames, 2,774,386, 12-18-56, Cl. 139-91.
- Formetal, Inc.: *See*—  
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- Formbals, William H., T. C. Fockler, and J. H. Penney, to Westinghouse Electric Corp., Annealing furnace motor, 2,735,027, 2-14-56, Cl. 310-58.
- Forming Machine Co. of America, The: *See*—  
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- Forming Machine Co. of America, Inc., The: *See*—  
Simpson, Alvan D., 2,731,889.  
Simpson, Alvan D., 2,732,296.  
Simpson, Alvan D., 2,737,858.  
Simpson, Alvan D., 2,753,766.
- Formo, Jerome L., L. H. Le Gault, L. L. Bolstad, and A. D. Sinning, to Minneapolis-Honeywell Regulator Co., Epoxy resin composition containing para, para' diamino diphenylmethane, 2,773,048, 12-4-56, Cl. 260-37.
- Formsprag Co.: *See*—  
Szaady, Leopold T., 2,737,275.  
Szaady, Leopold T., 2,749,020.  
Szaady, Leopold T., 2,763,354.
- Fornasieri, Eraldo, to Montecatini, società generale per l'Industria Mineraria e Chimica, Level gauge for enclosed pressure vessels, 2,771,774, 11-27-56, Cl. 73-319.
- Fornefeld, Eugene J.: *See*—  
Kornfeld, Edmund C., and Fornefeld, 2,749,353.
- Fornefeld, Eugene J., to Eli Lilly and Co., Epoxysbenz[cd]indoles and the preparation thereof, 2,772,286, 11-27-56, Cl. 260-319.
- Forneli, George W., Clothes hamper, 2,740,445, 4-3-56, Cl. 150.
- Forney, Charles, to The Diamond Match Co., Machine for producing clothespin, 2,746,491, 5-22-56, Cl. 140-1.
- Forrer, Gilbert R., and W. L. Schwin, to The Babcock & Wilcox Co., X-ray film cassette, 2,769,095, 10-30-56, Cl. 250-68.
- Forrest, Frank R., to Allis-Chalmers Mfg. Co., Method for handling high consistency paper pulp, 2,748,666, 6-5-56, Cl. 92-20.
- Forrest, Henry J.: *See*—  
Zibell, William H., and Forrest, 2,769,736.
- Forrest, John W., to Bausch & Lomb Optical Co., Refractometer, 2,729,137, 1-3-56, Cl. 88-14.
- Forrest, John W., to Acton Laboratories, Inc., Two speed tuning dial, 2,751,788, 6-26-56, Cl. 74-10.52.
- Forrest, John W., to Acton Laboratories, Inc., Instrument cabinet, 2,757,059, 7-31-56, Cl. 312-213.
- Forrest, Phyllis J.: *See*—  
Burstell, Francis H., Forrest, Kember, and Wells, 2,753,258.
- Forrest, Richard D., to Hughes Aircraft Co., Diode, pulse-gating circuits, 2,762,936, 9-11-56, Cl. 307-88.5.
- Forrest, Victor E., Conveyor mechanism for removing pulverized material from storage bins and the like, 2,748,993, 6-5-56, Cl. 222-419.
- Forrester, Jay W., to Research Corp., Multicordinate digital information storage device, 2,736,880, 2-28-56, Cl. 340-174.
- Forrester, Kathryn B., Mop and mounting tube assembly, 2,743,771, 1-1-56, Cl. 15-226.
- Forrester, Peter G., and G. D. Denyer, to The Glacier Metal Co. Ltd., Production of composite material for the manufacture of plain bearings, 2,743,516, 5-1-56, Cl. 29-528.
- Forry, William A., to J. Reuben, Adjustable reclining chair, 2,767,772, 10-23-56, Cl. 155-106.
- Forry, William A., to J. Reuben, Adjustable reclining chair, 2,767,773, 10-23-56, Cl. 155-106.
- Fors, Oscar A., to Steelograph, Inc., Rotary printing press sheet take-off device, 2,747,503, 5-29-56, Cl. 101-232.
- Forsberg, Arthur R., High speed vacuum separator, 2,764,293, 6-25-56, Cl. 267.
- Forsberg, Harold S.: *See*—  
Shore, William E., 2,736,203.
- Forsberg, Harold S., Portable hand-held power saw tool and angle guide therefor, 2,735,455, 2-21-56, Cl. 143-6.
- Forsberg, Kenneth E., to Raytheon Mfg. Co., Voltage-controlled ring oscillator, 2,735,939, 2-21-56, Cl. 250-36.
- Forse, Harry D., and R. E. Campbell, said Campbell assor. to said Forse, Sleeve finishers, 2,759,644, 8-21-56, Cl. 223-73.
- Forsell, Gösta A. A., Machine for making laminated angular corner protectors, 2,764,219, 9-25-56, Cl. 154-1.8.
- Forseth, George O., Coaster sled with flexible runners, 2,736,565, 2-28-56, Cl. 280-22.
- Forshey, Clifford G., Drum handling apparatus, 2,755,950, 7-24-56, Cl. 214-701.
- Forshey, William O., Jr., to E. I. du Pont de Nemours and Co., Polymers of dialkyl methylallylmedialkanoates, 2,739,949, 3-27-56, Cl. 260-21.
- Forslund, Charles F., Jr., to B. Bohrmann, and L. H. Bishop, Glue tipping machine, 2,753,836, 7-10-56, Cl. 118-3.
- Forssell, Eric G., to W. H. Miner, Inc., Friction shock absorbing mechanisms for trucks of railway cars, 2,749,850, 6-12-56, Cl. 187.
- Forssell, Eric G., to W. H. Miner, Inc., Keeper mechanism for a door fastener, 2,753,205, 7-3-56, Cl. 292-341.15.
- Forssell, Eric G., to W. H. Miner, Inc., Door fastener keeper, 2,753,206, 7-3-56, Cl. 292-341.17.

- Forssell, Eric G., to W. H. Miner, Inc. Keeper for door fasteners. 2,753,207, 7-3-56, Cl. 292—341.17.
- Forssell, Eric G., to W. H. Miner, Inc. Keeper. 2,765,189, 10-2-56, Cl. 292—340.
- Forssell, Eric G., to W. H. Miner, Inc. Draft gears for railway draft rigging. 2,774,486, 12-18-56, Cl. 213—45.
- Forster, Eric O., to Esso Research and Engineering Co. Mixed alkaline earth metal soap grease compositions. 2,733,208, 1-31-56, Cl. 252—39.
- Forster, Eric O., to Esso Research and Engineering Co. Magnesium-lithium-sodium grease composition. 2,733,209, 1-31-56, Cl. 252—40.
- Forster, Eric O., and J. P. Hamer, to Esso Research and Engineering Co. Mixed soap-complex grease compositions. 2,734,030, 2-7-56, Cl. 252—39.
- Forster, Hans J. M., to Daimler-Benz Aktiengesellschaft. Shifting mechanism with free-wheel device, especially for planetary gearings. 2,747,433, 5-29-56, Cl. 74—781.
- Forster, Hans J. M., to Daimler-Benz Aktiengesellschaft. Driving device for internal combustion engines. 2,732,048, 1-24-56, Cl. 192—08.
- Forster, Hans-Joachim M., to Daimler-Benz Aktiengesellschaft. System for controlling the speed of a motor vehicle. 2,753,733, 7-7-56, Cl. 74—472.
- Forster, Hans-Joachim M., to Daimler-Benz Aktiengesellschaft. Speed change transmission for motor vehicles. 2,756,616, 7-31-56, Cl. 74—732.
- Forster, Hans-Joachim M., K. A. Kollmann, and T. F. Kümmling, to Daimler-Benz Aktiengesellschaft. Change speed gear with hydrodynamic clutch. 2,747,430, 5-29-56, Cl. 74—732.
- Forster, John O., to Heli-Coil Corp. Method and a device for making wire coils. 2,735,454, 2-21-56, Cl. 140—1.
- Forster, John O., to Heli-Coil Corp. Wire coil screw thread insert with flaring and having an angular configuration. 2,755,699, 7-24-56, Cl. 85—32.
- Forster, John O., to Heli-Coil Corp. Tool for extracting wire coil inserts. 2,769,229, 11-6-56, Cl. 29—240.5.
- Forster, Leslie G., to Forsters Machine Co. Ltd. Wrapping and folding machines. 2,774,205, 12-18-56, Cl. 53—224.
- Forster, Warren S., See—
- Hardy, William B., and Forster. 2,773,903.
- Long, Robert S., and Forster. 2,742,477.
- Forsters Machine Co. Ltd.: See—
- Forster, Leslie G. 2,774,205.
- Forstner Chain Corp.: See—
- Armbruster, Ludwig. 2,751,654.
- Ruf, Hermann. 2,752,654.
- Forstrom, Edward E., to The Bryant Electric Co. Switch. 2,748,205, 5-29-56, Cl. 200—5.
- Forstrom, Edward E., to Eagle Electric Mfg. Co. Range receptacle contact. 2,753,540, 7-3-56, Cl. 539—272.
- Forstrom, Edward E., and W. F. Allenby, to The Bryant Electric Co. Switch. 2,763,739, 9-18-56, Cl. 200—6.
- Forstrom, Edward E., and W. F. Allenby, to The Bryant Electric Co. Switch. 2,773,139, 12-4-56, Cl. 200—5.
- Forsyth, Chas. T. Induction heater. 2,769,075, 10-30-56, Cl. 210—148.
- Forsyth, William: See—
- Taylor, Wilfrid, and Forsyth. 2,741,179.
- Forsythe, George, and H. W. Russell, to Pacific Mills. Apparatus for coiling silver in cans. 2,736,071, 2-28-56, Cl. 18—159.
- Fortenbaugh, Robert B.: See—
- Hardy, William B., and Fortenbaugh. 2,769,815.
- Forter, Samuel A., to Forter-Teichmann Co. Regenerator structure. 2,766,031, 10-9-56, Cl. 263—15.
- Forter-Teichmann Co.: See—
- Forter, Samuel A. 2,766,031.
- Fortess, Fred: See—
- Bowen, Seth T., and Fortess. 2,769,727.
- Fortess, Fred, and C. Hohing, Jr., to Celanese Corp. of America. Textile lubricants. 2,730,498, 1-10-56, Cl. 252—8.8.
- Fortess, Fred, and M. Duke, to Celanese Corp. of America. Treatment of textile materials. 2,731,368, 1-17-56, Cl. 117—139.4.
- Forth, Murray W.: See—
- Morrison, Charles S., and Forth. 2,756,865.
- Forth, Murray W., to Fairbanks, Morse & Co. Hammermill. 2,732,138, 1-24-56, Cl. 159—186.
- Fort Howard Paper Co.: See—
- Numan, Orange G. 2,741,135.
- Fortin, Charles A., 90% to P. Pouliot. Hydromassaging device. 2,747,571, 5-29-56, Cl. 128—66.
- Fortin, George, to Esso Research for fluorescent lamps. 2,769,152, 10-30-56, Cl. 339—53.
- Fortin, Paul R. Electrical heating unit and process of making the same. 2,759,092, 8-14-56, Cl. 219—46.
- Fortini, Earlwood T., to the United States of America as represented by the Secretary of the Air Force. Dial locking device for a mechanical computer. 2,741,536, 4-10-56, Cl. 188—83.
- Fortino, Frank. Indoor golf ball putting apparatus. 2,766,048, 10-9-56, Cl. 273—180.
- Fortis, John C. Lawnmower clipper attachment. 2,762,187, 9-11-56, Cl. 56—238.
- Fortner, Otis W.: See—
- Carpenter, Gilbert B., Fortner, and Buselli. 2,751,628.
- Fort Orange Paper Co.: See—
- Metzger, Henry L. 2,770,391.
- Fortuin, Jan P., and H. I. Waterman, to Shell Development Co. Production and stabilization of aromatic hydroperoxides. 2,730,550, 1-1-56, Cl. 260—610.
- Fortuin, Jan P., and G. E. Rumscheidt, to Shell Development Co. Preparation of terephthalic acid. 2,746,990, 5-22-56, Cl. 260—524.
- Fortuin, Jan P., and H. I. Waterman, to Shell Development Co. Production of aralkyl hydroperoxides. 2,749,368, 6-5-56, Cl. 260—610.
- Fortuna-Werke Spezialmaschinenfabrik A.-G.: See—
- Braun, Dieter, and Hack. 2,769,329.
- Gehrer, Rudolf. 2,761,547.
- Fortunato, Louis. By-pass assembly for electrical regulators. 2,747,044, 5-22-56, Cl. 200—87.
- Fortune, Henry J., to The Garrard Engineering and Mfg. Co., Ltd. Stop diaphragms for record changers. 2,765,487, 9-18-56, Cl. 274—10.
- Fortune, Henry J., to The Garrard Engineering and Mfg. Co. Ltd. Phonographs having record changing mechanism. 2,775,459, 12-25-56, Cl. 274—10.
- Fortune, James H., to American Cyanamid Co. Pearlescent plastic materials. 2,767,434, 10-23-56, Cl. 18—47.5.
- Fortuyn, Koenraad D.: See—
- Ober, Willy, and Fortuyn. 2,749,485.
- Forward, Haakon, to Allmänna Svenska Elektriska Aktiebolaget. High tension circuit breakers. 2,729,721, 1-3-56, Cl. 200—148.
- Forward, Haakon, to Allmänna Svenska Elektriska Aktiebolaget. High tension circuit breakers. 2,747,055, 5-22-56, Cl. 200—148.
- Forward, Haakon, to Allmänna Svenska Elektriska Aktiebolaget. Arrangement for extinguishing of a disconnecting switch. 2,768,179, 8-7-56, Cl. 200—148.
- Forward, Haakon, to Allmänna Svenska Elektriska Aktiebolaget. Compressed air breaker. 2,766,348, 10-9-56, Cl. 200—81.
- Forward, Haakon, to Allmänna Svenska Elektriska Aktiebolaget. High tension circuit breakers. 2,774,851, 12-18-56, Cl. 200—148.
- Forward, Worthy J. F., and W. R. Miller, Jr., to Farrel-Birmingham Co., Inc. Cutting tool. 2,734,256, 2-14-56, Cl. 29—96.
- Forward, Worthy J. F., and W. R. Miller, Jr., to Farrel-Birmingham Co., Inc. Machine tool with separate work and feed drives. 2,766,651, 10-16-56, Cl. 82—2.
- Fosdick Machine Tool Co., The: See—
- Knopp, Robert N., Linden, and Wetzel. 2,762,243.
- Foskett, Laurence W., N. B. Foster, W. R. Thickstun, and R. C. Wood, to the United States of America as represented by the Secretary of Commerce. Apparatus for absorption spectra analysis. 2,775,160, 12-25-56, Cl. 88—14.
- Foskull, Henry E., to the United States of America as represented by the United States Atomic Energy Commission. Remote handling apparatus. 2,760,655, 8-28-56, Cl. 214—17.
- Fosness, John P., to North American Aviation, Inc. Extensible strut. 2,735,634, 2-21-56, Cl. 244—104.
- Foss, Curtis D. Journal box seal with floating sleeve. 2,743,947, 5-5-56, Cl. 286—6.
- Foss, R. N., to the United States of America as represented by the Secretary of the Navy. Tube testing apparatus. 2,759,055, 8-14-56, Cl. 200—61.04.
- Foster, Boutwell H., to United States Rubber Co. Rainproof fabric. 2,771,661, 11-27-56, Cl. 28—80.
- Foster, Charles C., to Kropp Forge Co. Fabrication of forged brake band and the like. 2,754,576, 7-17-56, Cl. 29—481.
- Foster, Earl H. Movable checkerboard game device. 2,732,211, 1-24-56, Cl. 273—131.
- Foster, Edwin E. Sectional ironing board. 2,729,005, 1-3-56, Cl. 38—130.
- Foster, Edwin E., 1/2 to D. O. Scott. Repeater air gun. 2,729,207, 1-3-56, Cl. 124—13.
- Foster, Edwin E. Repeating air gun. 2,749,902, 6-12-56, Cl. 124—13.
- Foster, Edwin E. Repeating air gun. 2,762,356, 9-11-56, Cl. 124—13.
- Foster, Edwin E. Repeating air rifle. 2,762,357, 9-11-56, Cl. 124—13.
- Foster, Edwin E., to Majik-Ironers, Inc. Spring motor. 2,764,459, 9-25-56, Cl. 53—37.
- Foster, Edwin E., to Majik-Ironers, Inc. Controlled gradient compression leaf spring. 2,772,086, 11-27-56, Cl. 267—1.
- Foster-Ellis Co.: See—
- Hammer, Irving P., and Rust. 2,744,883.
- Foster, Elmer E., and R. P. Alarm system. 2,768,239, 10-23-56, Cl. 179—5.
- Foster Engineering Corp.: See—
- Foster, Shubel A. 2,732,670.
- Foster, Shubel A. 2,751,720.
- Foster, Everett J. Aerial masts. 2,739,673, 3-27-56, Cl. 189—26.
- Foster, Florence B. Protective article for use by hairdressers. 2,729,823, 1-10-56, Cl. 2—174.
- Foster and Foster: See—
- Foster, Warren D., and Wilson. 2,733,021.
- Foster Grant Co., Inc.: See—
- Crane, James E. 2,737,848.
- Kovach, Leslie J., and Rutledge. 2,740,376.
- Foster, Harry R., and E. E. Crump, to Omega Laboratories. High frequency marker. 2,752,492, 6-26-56, Cl. 250—36.
- Foster, Harry R., and E. E. Crump. System for obtaining high frequencies. 2,756,331, 7-24-56, Cl. 250—36.
- Foster, Harry R., and E. E. Crump, to Omega Laboratories, Inc. Communicating telephone systems. 2,759,999, 8-21-56, Cl. 179—1.



- Foster, Herbert L. Laundry weight. 2,765,487, 10-9-56, Cl. 16-1.
- Foster, Hoyt K.: *See*—
- Foster, Milton H., Foster, and Bichayn. 2,766,507.
- Foster, Hoyt K., to S. W. Farber, Inc. Apparatus for testing hollow objects. 2,749,743, 6-12-56, Cl. 73-49.3.
- Foster, Hoyt K., to S. W. Farber, Inc. Control means for electric apparatus. 2,762,885, 9-11-56, Cl. 200-122.
- Foster, Jack F., to Deere & Co. Comb attachment for cotton gins. 2,746,228, 5-22-56, Cl. 56-35.
- Foster, Jack F., to Deere & Co. Cotton boll separator. 2,770,361, 11-13-56, Cl. 209-139.
- Foster, James H., to Erie Resistor Corp. Capacitor unit. 2,745,993, 5-15-56, Cl. 317-249.
- Foster, James H., to Gamble-Skogmo, Inc. Stabilizing and snubbing mechanism for gyratory extractors. 2,746,568, 5-22-56, Cl. 188-1.
- Foster, John, to B. & S. Massey Ltd. Forging press control. 2,745,530, 5-15-56, Cl. 192-144.
- Foster, John R., and R. S. Cartwright, to T. M. M. (Research) Ltd. Drive mechanism for textile combing machines. 2,748,616, 6-5-56, Cl. 74-394.
- Foster, John W.,  $\frac{1}{2}$  to Ropeways Ltd. Troughed belt conveyor. 2,763,361, 9-18-56, Cl. 198-191.
- Foster, Lawrence V. Mixing faucet for showers and the like. 2,744,542, 5-9-56, Cl. 137-630.18.
- Foster, Louis W. Armored garment. 2,747,190, 5-29-56, Cl. 2-2.5.
- Foster Machine Co.: *See*—
- Stange, Ferdinand F. 2,752,100.
- Foster, Norman B.: *See*—
- Foskett, Laurence W., Foster, Thickstun, and Wood. 2,755,160.
- Foster, Raymond F.: *See*—
- Devine, George F., and Foster. 2,745,954.
- Foster, Robert E., and B. W. Howk, to E. I. du Pont de Nemours & Co. Preparation of aromatic carboxylic acid chlorides from aromatic compounds. 2,749,366, 6-5-56, Cl. 260-544.
- Foster, Robert H., and J. McLean. Roofs for storage tanks or similar structures. 2,766,707, 10-16-56, Cl. 108-32.
- Foster, Robert H., and J. McLean. Roofs for storage tanks or similar structures. 2,773,458, 12-11-56, Cl. 108-32.
- Foster, Robert P.: *See*—
- Foster, Elmer E. and R. P. 2,768,239.
- Foster, Robert W. Air cooled brake shoe. 2,729,312, 1-3-56, Cl. 188-264.
- Foster, Robert W. Brake shoe. 2,748,902, 6-5-56, Cl. 188-264.
- Foster, Robert W. Brake shoe with venturi cooling passages. 2,748,903, 6-5-56, Cl. 188-261.
- Foster, Samuel P., and G. S. Stamatofo, to E. I. du Pont de Nemours and Co. Purification of 1,4-dicyano-2-butene isomeric mixtures. 2,751,407, 6-19-56, Cl. 260-465.8.
- Foster, Shubel A., to Foster Engineering Corp. Size-determining gages for honing and grinding apparatus. 2,732,670, 1-31-56, Cl. 51-165.
- Foster, Shubel A., to Foster Engineering Corp. Centerless grinding gage. 2,751,720, 6-26-56, Cl. 51-103.
- Foster, Theodore D., to The Bell Machine Co. Automatic mortising and tenoning machine. 2,772,709, 12-4-56, Cl. 144-87.
- Foster, Tilman F. Boat trailer. 2,763,384, 9-18-56, Cl. 214-84.
- Foster, Walter E.: *See*—
- Carley, David R., and Foster. 2,773,092.
- Foster, Walter W. Tensiometer. 2,756,592, 7-31-56, Cl. 73-141.
- Foster, Warren C., to The Crandall Corp. Method and apparatus for the manufacture of a composite wood product. 2,729,584, 1-3-56, Cl. 164-116.
- Foster, Warren D. Trustee: *See*—
- Facer, Leroy H. 2,739,885.
- Facer, Leroy H. 2,739,886.
- Facer, Leroy H. 2,740,115.
- Facer, Leroy H. 2,740,116.
- Foster, Walter D., and O. W. Wilson. Film containing magazines and film handling apparatus. 2,732,754, 1-31-56, Cl. 88-17.
- Foster, Warren D., and O. W. Wilson, to Foster and Foster. Lock for film containing magazines and film handling apparatus. 2,733,021, 1-31-56, Cl. 242-71.
- Foster, Wayne M. Hinge construction for baby cribs. 2,729,847, 1-10-56, Cl. 1-145.
- Foster Wheeler Corp.: *See*—
- Bayard, Julius H. 2,743,583.
- Bayard, Julius H. 2,762,345.
- Blizard, John. 2,766,968.
- Eichna, James R. 2,774,726.
- Howes, Allen H. 2,744,733.
- Jankowski, Henry O. 2,774,340.
- Merritt, Gilbert S. 2,774,730.
- Sampson, William. 2,762,201.
- Sherman, Tracy H. 2,733,692.
- Foster, William C., to The Gray Mfg. Co. Sound translating apparatus. 2,738,194, 3-13-56, Cl. 274-12.
- Foster, William J., to General Motors Corp. Filter and fluid pressure relief valve therefor. 2,734,636, 2-14-56, Cl. 210-164.
- Fostoria Pressed Steel Corp.: *See*—
- Turner, Howard B. 2,763,500.
- Foti, Arem: *See*—
- Kradel, Fred L., and Foti. 2,747,142.
- Fouché, René P. Motor pump. 2,747,512, 5-29-56, Cl. 103-87.
- Fougera, E., & Co., Inc.: *See*—
- Halpern, Alfred, and Bradney. 2,744,851.
- Foulds, Neil M., and W. L. Harms, to Franz Mfg. Co. Conveyor roller. 2,768,725, 10-30-56, Cl. 193-37.
- Foulke, Ted E., to General Electric Co. Electric discharge device. 2,765,417, 10-2-56, Cl. 313-54.
- Foulkes, Christopher H., P. A. Childs, and R. E. Smith, to International Standard Electric Corp. Electromagnetic light current contact making relays. 2,752,450, 6-26-56, Cl. 200-287.
- Foulkes, Christopher H., and E. J. Blythe, to International Standard Electric Corp. Detection of leaks in vacuum apparatus. 2,770,772, 11-13-56, Cl. 324-33.
- Foulks, Robert B.: *See*—
- Rowe, Carl R., and Foulks. 2,768,542.
- Foundry Equipment Ltd.: *See*—
- Beech, Austin S. 2,772,453.
- Foundry Equipment Ltd.: *See*—
- Beech, Austin S. 2,752,647.
- Fountain, Gerald E.: *See*—
- Overton, Charles M., Iddings, and Fountain. 2,744,696.
- Fountain, Lawrence L., to Westinghouse Electric Corp. Circuit breaker control system. 2,752,533, 6-26-56, Cl. 317-46.
- Fouquet-Werk, Frauz & Planck: *See*—
- Buck, Robert, Wessner, and Kessler. 2,752,768.
- Fouré, Claude, and L. Reingold, to Office National d'Etudes et de Recherches Aéronautiques (O. N. E. R. A.). Continuous flow internal combustion engines, in particular aircraft engines. 2,729,059, 1-3-56, Cl. 60-35.6.
- Fourtrel, Georges L., to Etablissements Charles Testut. Electrical load weighing apparatus. 2,761,670, 9-4-56, Cl. 265-27.
- Fournan, Jean P., to Jean M. R. A. Delorme-Houde. Aminothethers. 2,736,727, 2-28-56, Cl. 260-247.7.
- Fournier, Edmond E. Card clothing. 2,735,140, 2-21-56, Cl. 19-114.
- Four Wheel Drive Auto Co., The: *See*—
- Fabian, Gardner J. 2,768,691.
- Simonds, George D. 2,768,538.
- Fouse, Charles N.: *See*—
- Staubit, Wilhelm W. 2,739,557.
- Fouse, William H.: *See*—
- Terrold, Gordon W., and Fouse. 2,767,235.
- Foushee, Robert M., and E. G. Seems, to United Bottle Development Co., Inc. Coin controlled beverage bottle or container vending machines. 2,765,103, 10-2-56, Cl. 221-133.
- Foust, Charles W.: *See*—
- Jones, Clifton H., and Foust. 2,772,664.
- Foust, Floyd J.: *See*—
- Burton, James S., Foust, Shaw, Rider, and McKee. 2,736,358.
- Foust, Orville N., to United Shoe Machinery Corp. Composite insoles, including micro-porous polymeric material. 2,730,819, 1-17-56, Cl. 36-22.
- Foust, Orville N., and E. G. Seems, to United Shoe Machinery Corp. Tear-resistant porous plastic sheet material comprising polyvinylchloride and a copolymer of butadiene-acrylonitrile. 2,762,784, 9-11-56, Cl. 260-2.5.
- Foutz, Clinton R. Method and apparatus for producing and maintaining a gas-free dielectric liquid cooling medium. 2,767,693, 10-23-56, Cl. 123-41.25.
- Fowle, Arthur A., to Ultrasonic Corp. Process and apparatus for drying sheet material. 2,740,202, 4-3-56, Cl. 34-18.
- Fowler, Alvah W. Combination spinning and casting reel. 2,767,935, 10-23-56, Cl. 242-84.5.
- Fowler, Byron L., to E. L. Caldwell & Sons. Reversible pump. 2,764,075, 9-25-56, Cl. 97-31.
- Fowler, Byron L., to E. L. Caldwell & Sons. Reversible pump. 2,764,076, 9-25-56, Cl. 97-32.
- Fowler, Carl E., Jr., to Houdry Process Corp. Apparatus for elevating granular material. 2,758,882, 8-14-56, Cl. 30-19.
- Fowler, Carl E., Jr., and J. L. Daily, to Houdry Process Corp. Method and apparatus for elevating granular material. 2,734,781, 2-14-56, Cl. 302-25.
- Fowler, Carl S., and M. C. Garlick. Aquatic device. 2,752,627, 7-3-56, Cl. 9-18.
- Fowler, Clarence B. Stick files. 2,760,491, 8-28-56, Cl. 129-21.
- Fowler, Curtis O.: *See*—
- Kuhlschmidt, Donald, and Fowler. 2,769,320.
- Fowler, Floyd F., and C. H. Harrison,  $\frac{1}{2}$  to M. H. Morris. Guide for an electrician's snake. 2,750,151, 6-12-56, Cl. 274-134.3.
- Fowler, Frank E. Alarm system for pneumatic tires. 2,731,936, 1-24-56, Cl. 116-34.
- Fowler, Frank H.: *See*—
- Purifoy, George R., and Fowler. 2,748,335.
- Fowler, George B.: *See*—
- Toews, Gustav P. 2,760,479.
- Fowler, George L.: *See*—
- Millard, Louis J. 2,741,393.
- Fowler, Leslie L., to Barnes Drill Co. Magnet separator. 2,758,715, 8-14-56, Cl. 210-1.5.
- Fowler, Maurice E., and T. R. E. Willis, to Collins Radio Co. Rate of climb meter. 2,751,785, 6-26-56, Cl. 73-179.

- Fowler, Norman W., and L. C. Michelson, to The Gleason Works. Gear cutting machine. 2,773,426, 12-11-56, Cl. 90-1.
- Fowler, Ralph L., to Superior Tank & Construction Co. Heat insulating hollow tanks. 2,738,094, 3-13-56, Cl. 220-9.
- Fowler, Ralph L., to Superior Tank & Construction Co. Pressure tank. 2,751,755, 6-26-56, Cl. 62-1.
- Fowler, Roland G., N. R. Friberg and O. F. Larsen, to The National Cash Register Co. Key-responsive calculating machine. 2,745,601, 5-15-56, Cl. 235-62.
- Fowler, William F.: *See*—  
Hellmann, Richard J., and Fowler. 2,768,080.
- Fowler, William F., Jr.: *See*—  
Spear, Donald R., and Fowler. 2,748,029.
- Fowler, William F., Jr., to Eastman Kodak Co. Method for making polymeric hydrosols. 2,739,137, 3-20-56, Cl. 260-29.6.
- Fowler, William F., Jr., to Eastman Kodak Co. Hydrophilic compositions and their preparation. 2,772,166, 11-27-56, Cl. 96-114.
- Fowler, William H. Drill grinder attachment. 2,772,525, 12-4-56, Cl. 51-219.
- Fox, Arthur G., to Bell Telephone Laboratories, Inc. Waveguide impedance elements. 2,740,094, 3-27-56, Cl. 333-73.
- Fox, Arthur G., to Bell Telephone Laboratories, Inc. Transmission meter. 2,746,014, 5-15-56, Cl. 324-58.
- Fox, Arthur G., to Bell Telephone Laboratories, Inc. Directional phase shifter. 2,760,166, 8-21-56, Cl. 333-31.
- Fox, Arthur L., to Colgate-Palmolive Co. Dentifrice compositions comprising a normally-solid water soluble condensation product of ethylene glycol and polypropylene glycol. 2,773,801, 12-11-56, Cl. 167-93.
- Fox, Benjamin. Multi-contact connector. 2,750,572, 6-12-56, Cl. 339-185.
- Fox, Dorothea D. Adjustable article of clothing. 2,757,380, 8-7-56, Cl. 2-76.
- Fox, Douglas P. S., and W. A. Clarke, to Vickers-Armstrongs Ltd. Liquid-bottling machines. 2,731,186, 1-17-56, Cl. 226-115.
- Fox, Edward A., and S. Damon, to Westinghouse Electric Corp. Method of bright heat-treating metals. 2,752,274, 6-26-56, Cl. 148-131.1.
- Fox, Ernest A. Apparatus for laterally X-raying the spinal column. 2,774,884, 12-18-56, Cl. 250-50.
- Fox, Frederick L., to Consolidated Electrodynamics Corp. Vacuum discharge gauge. 2,758,232, 8-7-56, Cl. 313-7.
- Fox, Godfrey H.: *See*—  
Phillips, Lyman W., Fox, and Bostwick. 2,731,030.
- Fox, Harold K.: *See*—  
Kindseth, Harold V., Hopkins, and Fox. 2,766,001.
- Fox, Herman H.: *See*—  
Mayer, Robert. 2,748,819.
- Fox, Herman H., to Hoffmann-La Roche Inc. 1-isonicotinyl-2-alkenyl-2-alkylhydrazine. 2,744,113, 5-1-56, Cl. 269-295.
- Fox, Homer M., to Phillips Petroleum Co. Continuous combustion chamber with air flow and turbulence controlled by flame front position. 2,770,096, 11-13-56, Cl. 60-39.29.
- Fox, Homer M., to Phillips Petroleum Co. Viscosity compensating variable-area fuel nozzle. 2,775,484, 12-25-56, Cl. 299-118.
- Fox, Jack J.: *See*—  
Davis, Lincoln K. 2,744,661.  
Gallant, Albert L. 2,744,489.  
Howe, Wilfred H., and Vannah. 2,754,053.  
Hoops, Forrest D., and Fox. 2,755,793.  
Young, Claude D. 2,753,737.
- Fox, June. Combination adjustable chair and hair drying attachment. 2,738,593, 3-20-56, Cl. 34-90.
- Fox, Le Roy G., to E & J Mfg. Co. Breathing machine. 2,737,176, 3-6-56, Cl. 128-29.
- Fox, Le Roy G., to E & J Mfg. Co. Breathing machine. 2,737,178, 3-6-56, Cl. 128-29.
- Fox, Malcolm H. Tool attaching mechanisms. 2,747,186, 5-29-56, Cl. 1-44.4.
- Fox, Martin, to The Seng Co. Detachable footboard for a bed. 2,740,133, 4-3-56, Cl. 5-53.
- Fox, Oscar M., to Bley-Knox Co. Water cooled furnace structure. 2,772,665, 12-4-56, Cl. 122-498.
- Fox, Paul X. Variable electrical resistances and potentiometers. 2,750,485, 6-12-56, Cl. 201-48.
- Fox Products Co.: *See*—  
Medlar, Lewis A. 2,749,509.  
Medlar, Lewis A. 2,758,275.
- Fox, Roy E., to C. V. A. Jigs, Moulds & Tools Ltd. Work feeding mechanism for machine tools. 2,755,915, 7-24-56, Cl. 203-12.
- Fox, Sidney V., to Bethlehem Steel Co. Treatment of chromate solutions. 2,760,844, 8-28-56, Cl. 23-145.
- Fox, William L., to Bendix Home Appliances Division of Avco Mfg. Corp. Washing machine. 2,757,531, 8-7-56, Cl. 68-24.
- Foxboro Co., The: *See*—  
Bowditch, Hoel L. 2,742,917.  
Bowditch, Hoel L. 2,770,258.  
Bowditch, Hoel L. 2,773,664.  
Bradner, Mead. 2,743,986.  
Cook, Lyman. 2,761,471.  
Handel, Neil E. 2,743,358.  
Neuman, Herbert A., and Sweet. 2,731,025.  
Smith, Graydon. 2,736,629.  
Walsh, George C. 2,740,860.
- Foxcroft, Raymond C. Electric switch gear for the automatic starting of internal combustion engines. 2,762,933, 9-11-56, Cl. 290-30.
- Foxworthy, Martha K. Disposable abdominal band. 2,738,739, 3-20-56, Cl. 128-167.
- Foxx, Norbert E., to Republic Steel Corp. Method for welding steel tubing. 2,775,675, 12-25-56, Cl. 219-8.5.
- Foy, William J.: *See*—  
Robinson, Thomas, and Foy. 2,765,429.
- Foy, Robert B., to W. R. Grace & Co. Side seal container closure. 2,733,827, 2-7-56, Cl. 215-40.
- Fraas, Foster, to the United States of America as represented by the Solicitor of the Department of the Interior. Thermal conditioning for electrostatic separation of garnet. 2,735,546, 2-21-56, Cl. 209-11.
- Fraas, Foster, to the United States of America as represented by the Solicitor of the Department of the Interior. Reagent conditioning for electrostatic separation of beryl. 2,769,536, 11-6-56, Cl. 209-9.
- Fradera, Francisco T. Movable glass panes for windows, doors, and the like. 2,775,002, 12-25-56, Cl. 20-52.1.
- Frady, Michael A., 50% to V. J. Staasi. Demountable remote controlled dirigible light. 2,734,997, 2-14-56, Cl. 240-61.6.
- Fraenkel, Alexander, and A. Rietsch. Gravity operated reversing whirling toy. 2,773,328, 12-11-56, Cl. 46-61.
- Fraga, Frank M. Crank unit for automatic adjustment of tie rods. 2,743,656, 5-1-56, Cl. 97-47.65.
- Fraga, Frank M. Tractor-mounted hitch. 2,762,284, 9-11-56, Cl. 97-47.53.
- Fraga, John B., to J. I. Case Co. Tractor mounted tool bar. 2,747,484, 5-29-56, Cl. 97-46.51.
- Fraga, John B., to J. I. Case Co. Tractor mounted rear tool bar. 2,755,722, 2-24-56, Cl. 97-47-69.3.
- Frain, John P.: *See*—  
Ashton, Benjamin N., and Frain. 2,754,847.
- Fraizy, Jean, to Societe "Rhodiacea." Sizing of textiles. 2,735,781, 2-21-56, Cl. 106-135.
- Frank, Elmer N.: *See*—  
Srebaug, Oswald C. 2,753,151.
- Fram Corp.: *See*—  
Belgarde, Leo. 2,743,018.  
Burnell, William J. 2,731,154.  
Hockett, Carl G., Kerner, and Vander Pyl. 2,771,119.  
James, William S. 2,731,102.  
James, William S. 2,731,155.  
James, William S. 2,748,949.  
Kennedy, Walter V. 2,731,108.  
Kennedy, Walter V. 2,731,153.  
Parker, Elliot J. 2,739,916.  
Rabbitt, Milton, and Binder. 2,732,031.  
Robinson, John W. 2,732,077.  
Robinson, John W. 2,739,713.  
Robinson, John W., and Souders. 2,757,803.
- Framberg, Elmer W., and F. Drueck, Jr., to Chicago Cardboard Co. Upright rotatable display. 2,766,539, 10-10-56, Cl. 40-39.
- Frame, Archie J.: *See*—  
Shigley, Harold E., and Frame. 2,759,263.
- Frampton, George W. Magnetic hoists. 2,761,094, 8-28-56, Cl. 12-17.
- Frampton, William L. Marble runway device. 2,729,020, 1-3-56, Cl. 46-43.
- France, Edward L., and E. Devine. Wrapping web tread for automotive vehicle. 2,749,189, 6-5-56, Cl. 305-10.
- France, Harold, to Imperial Chemical Industries Ltd. Process for the manufacture of tetrazol-porphin coloring matters. 2,744,913, 5-8-56, Cl. 260-314.
- France Packing Co.: *See*—  
Cummings, Edwin H. 2,731,285.
- Franceschini, Lorenzo, to Officine Galileo Societa per Azioni. Widening mechanism for straight knitting machines. 2,744,397, 5-8-56, Cl. 66-70.
- Francesco Vismara Societa per Azioni: *See*—  
Ercoli, Alberto, and de Ruggieri. 2,734,066.  
Ercoli, Alberto, and de Ruggieri. 2,742,485.
- Franch, Charles J. Automobile fuel line filter. 2,760,637, 8-2-56, Cl. 210-15.
- Francis, Alex W., Jr.: *See*—  
Walker, Jay P., Glasgow, and Francis. 2,747,002.
- Francis, Alex W., Jr., to National Tank Co. Low temperature separation systems. 2,758,065, 8-14-56, Cl. 183-2.7.
- Francis, Alex W., Jr., to National Tank Co. Emulsion treatments. 2,765,917, 10-9-56, Cl. 210-47.
- Francis, Alfred W., to Socony Mobil Oil Co., Inc. Separation of olefins from hydrocarbon mixtures, and solvent therefor. 2,735,878, 2-21-56, Cl. 260-677.
- Francis, Alfred W., to Socony Mobil Oil Co., Inc. Hydrocarbon separation. 2,756,266, 7-24-56, Cl. 260-677.
- Francis, Andrew J., Jr., to Dixon Research, Inc. Accelerator holding device. 2,765,671, 10-9-56, Cl. 74-513.
- Francis, Charles B., to Loftus Engineering Corp. Journal boxes and lubricants therefor. 2,736,619, 2-28-56, Cl. 306-79.
- Francis, Charles B. Apparatus for the production of fixed gas from fuel oil. 2,744,814, 5-8-56, Cl. 48-105.
- Francis, Charles B. Apparatus for determining sulphur. 2,773,748, 12-11-56, Cl. 23-259.
- Francis, Charles B., and R. B. Porter, to Carnegie-Illinois Steel Corp. Method of forming hollow metal articles. 2,749,609, 6-12-56, Cl. 29-527.
- Francis, Geoffrey, to Gorman Francis Corp. Automatic automobile parking facility. 2,742,164, 4-17-56, Cl. 214-16.1.



- Francis, James M., to International Harvester Co. Alarm for balers indicating the supply of baling wire is exhausted. 2,754,382, 7-10-56, Cl. 200—61.18.
- Francis, Joseph N., to Standard Coin Wrappers, Inc. Supply stop mechanism for coin handling machines and the like. 2,753,449, 9-18-56, Cl. 222—56.
- Francis, John K., to Sackner Products, Inc. Method and apparatus for manufacturing cord. 2,741,149, 4-10-56, Cl. 87—1.
- Francis, John P. Housing for removal attachment to a shaft. 2,731,944, 1-24-56, Cl. 118—58.
- Francis, Lynn M., to Dual-Motors Truck Co. Pivotal track vehicle carrying trailer and method of loading same. 2,730,400, 1-10-56, Cl. 296—1.
- Francis, Otto P., and W. A. Haywood. Automatic stopping mechanism for typographical linecasting machines. 2,747,869, 3-10-56, Cl. 215—56.
- Francis, Paul R., to Alloy Steel and Metals Co. Material handling apparatus. 2,738,955, 3-20-56, Cl. 254—190.
- Francis, Richard R.: See—
- Olumsted, Elizabeth P., Francis, and Ross. 2,770,164.
- Francis, Ross M. Machine for sawing contoured margins on strips or panels. 2,736,349, 2-28-56, Cl. 143—24.
- Francis, Victor J., to General Electric Co. Activated cathodes for electron discharge device. 2,733,173, 1-31-56, Cl. 117—219.
- Francis, Wallace R., G. C. Mapelsden, and H. D. Williams, to Central Electric Co. Combined cord connector and strain relief. 2,756,403, 7-24-56, Cl. 339—128.
- Francisco, Herbert H.: See—
- Wick, Richard M., and Francisco. 2,754,485.
- Frack, George E.: See—
- Zales, Joseph H., and Frack. 2,757,562.
- Frack, George E., to The Imperial Brass Mfg. Co. Priming device. 2,744,512, 5-8-56, Cl. 123—187.5.
- Frack, George E., to The Imperial Brass Mfg. Co. Sawing vise. 2,759,385, 8-21-56, Cl. 81—19.
- Frack, George E., to The Imperial Brass Mfg. Co. Tube bending tool. 2,762,415, 9-11-56, Cl. 153—81.
- Frack, George E., to The Imperial Brass Mfg. Co. Tube flaring tool. 2,773,539, 12-11-56, Cl. 153—81.
- Frack, George E., to The Imperial Brass Mfg. Co. Flaring tool. 2,774,408, 12-18-56, Cl. 153—79.
- Frack, Kurt, to Holophane Co., Inc. Direct lighting luminaires. 2,756,326, 7-24-56, Cl. 240—93.
- Frack, Kurt, to Holophane Co., Inc. Light transmitters and diffusers. 2,758,200, 8-7-56, Cl. 240—106.
- Frack, Kurt, and R. G. McPhail, to Holophane Co., Inc. Direct lighting luminaires. 2,748,263, 5-29-56, Cl. 240—106.
- Frack, Lester W. Collapsible paperboard container and method of manufacturing the same. 2,740,576, 4-3-56, Cl. 229—16.
- Franchen, Jan C., and P. Schagen, to Hartford National Bank and Trust Co., as trustee. Electron-optical discharge system. 2,760,116, 8-21-56, Cl. 315—10.
- Franchen, Jan C., to Hartford National Bank and Trust Co., as trustee. Television pick-up tube comprising electrostatic electron-optical means. 2,774,909, 12-18-56, Cl. 315—11.
- Frano, Louis B., to Mannix Ltd. Ballast sled for use under 2,760,116, 8-21-56, Cl. 315—10.
- Frank, Arthur W., to Hevi Duty Electric Co. Endothermic generator retort. 2,769,695, 11-6-56, Cl. 23—288.
- Frank, Charles E., and J. S. Swinehart, to National Distillers Products Corp. Method of coupling styrene with alkyl aromatics. 2,761,886, 9-4-56, Cl. 260—670.
- Frank, Ernst: See—
- Hahn, Ladislaus A., and Frank. 2,766,263.
- Frank, Frederick C., to Secony Mobil Oil Co., Inc. Stable greases containing synthetic gelling agents. 2,737,494, 3-6-56, Cl. 252—39.
- Frank, Gerard A.: See—
- Diehl, Walter H., and Frank. 2,740,375.
- Frank, Gerard A., and J. J. Monahan, to Western Electric Co., Inc. Work table feeding mechanism. 2,729,034, 1-3-56, Cl. 51—92.
- Frank, Jerome M., to Knomark Mfg. Co., Inc. Reversible two-laded polishing element and housing therefor. 2,764,770, 10-2-56, Cl. 15—108.
- Frank, Jerome M., to Knomark Mfg. Co., Inc. Shoe dressing kit. 2,768,404, 10-30-56, Cl. 15—258.
- Frank, John M., to Fansteel Metallurgical Corp. Percussion welding. 2,755,365, 7-17-56, Cl. 219—4.
- Frank, Joseph J. Closure fastener. 2,735,149, 2-21-56, Cl. 24—30.5.
- Frank, Karl, to Micro Balancing, Inc. Thermostatic control means. 2,748,223, 5-29-56, Cl. 200—122.
- Frank, Karl, to Micro Balancing, Inc. Magnetic pickup means. 2,754,434, 7-10-56, Cl. 810—15.
- Frank, Karl, to Micro Balancing, Inc. Light integrating means for photocell circuit. 2,756,349, 7-24-56, Cl. 250—239.
- Frank, Mark H., to General Motors Corp. Timing chain bumper. 2,766,634, 10-16-56, Cl. 74—240.
- Frank, Milton A., Sr. Blender. 2,774,576, 12-18-56, Cl. 259—9.
- Frank, Paul A.: See—
- Tenney, William L., Knox, and Frank. 2,738,334.
- Frank, Paul A. Tire curing press. 2,736,059, 2-28-56, Cl. 18—17.
- Frank, Paul A. Tire curing press. 2,743,480, 5-1-56, Cl. 18—17.
- Frank, Richard J., to Winfield Co., Inc. Toilet armrest. 2,774,975, 12-25-56, Cl. 4—254.
- Frank, Robert L.: See—
- Diamond, Horace W., and Frank. 2,772,167.
- Frank, Robert L., to Sperry Rand Corp. Apparatus for measuring the time relationship between recurrent radio frequency pulses. 2,766,450, 10-9-56, Cl. 343—103.
- Frank, Robert M.: See—
- Edelman, Abraham, and Frank. 2,774,959.
- Frank, Stanley L.: See—
- Jenkins, William D., Frank, and Zipay. 2,734,953.
- Frank, Stanley L., to Westinghouse Electric Corp. Electric switches. 2,748,210, 5-29-56, Cl. 200—44.
- Frank, Stanley L., to Westinghouse Electric Corp. Electric switches. 2,752,441, 6-26-56, Cl. 200—44.
- Frank, William R., to John Deere Killefer Co. Adjustable means for the time relationship between recurrent radio frequency pulses. 2,729,043, 1-3-56, Cl. 51—30.
- Frank, Wilbert W., and C. C. Speer, to Curtis-Wright Corp. Abrasive grinding machines. 2,749,675, 6-12-56, Cl. 51—143.
- Frankie, Dallas V., to Gilfillan Bros. Inc. System for visually checking alignment of computer-tracking loop circuitry. 2,741,760, 4-10-56, Cl. 343—10.
- Frankie, Dallas V., to Gilfillan Bros. Inc. Means and techniques for producing visible display of ideal flight path. 2,741,761, 4-10-56, Cl. 343—11.
- Frankie, Eric E. Loading device for a roll film developing machine. 2,756,005, 7-24-56, Cl. 249—77.
- Frankie, George, and O. Malfeld, to Hommel-Werke G. m. b. H. and Ernst Leitz G. m. b. H. Machine tools. 2,729,036, 1-3-56, Cl. 51—165.
- Frankie, Harry D., to Vernco Corp. Blower wheel. 2,750,103, 6-12-56, Cl. 230—134.
- Frankie, G. Heidecke, Fabrik Photographischer Präzisions-Apparate: See—
- Brethauer, Hermann. 2,732,236.
- Brethauer, Hermann. 2,736,763.
- Brethauer, Hermann, and Bethmann. 2,773,438.
- Goettwert, Rudolf. 2,741,157.
- Heidecke, Reinhold. 2,729,153.
- Heidecke, Reinhold. 2,739,515.
- Knauf, Wilhelm. 2,773,347.
- Weiss, Richard. 2,741,169.
- Weiss, Richard. 2,746,368.
- Weiss, Richard. 2,749,819.
- Heidecke, Reinhold, and Brethauer. 2,732,751.
- Frankie, Joachim I. Manufacture process of doped germanium crystals. 2,750,310, 6-12-56, Cl. 148—1.5.
- Frankie, Norman W.: See—
- Brown, George P., Jr., Crowley, and Frankie. 2,771,482.
- Frankie, Lester: See—
- Weisse, Ernst E., and Frankie. 2,766,669.
- Frankel, Adolf: See—
- Barrett, John L., Latoszynski, Morris, and Frankel. 2,750,738.
- Frankel, Carl. Electric lamp socket having insulation piercing means for contacting conductors. 2,739,291, 3-20-56, Cl. 339—99.
- Frankel, Edward. Automatic cigar and cigarette lighter. 2,764,883, 10-2-56, Cl. 67—7.1.
- Frankel, Edward M., and S. L. Goldheim. Production of glycerol. 2,772,206, 11-27-56, Cl. 195—38.
- Frankel, Edward M., and S. L. Goldheim. Glycerol manufacture. 2,772,207, 11-27-56, Cl. 195—38.
- Frankel, Isaac: See—
- Nau-Touron, Albert. 2,758,438.
- Frankel, Theodor, to General Dynamics Corp. Automatic telephone system. 2,734,947, 2-14-56, Cl. 170—27.
- Frankel, Theodor, to General Dynamics Corp. Direct reading time measuring device. 2,745,058, 5-8-56, Cl. 324—28.
- Frankel, Theodor, to General Dynamics Corp. Dial speed and ratio test circuit. 2,759,053, 8-14-56, Cl. 179—175.2.
- Frankel, Theodor, to General Dynamics Corp. Control unit for cable spinning machine. 2,770,091, 11-13-56, Cl. 57—81.
- Franken, Jan H., to Bureau van Tongeren N. V. Sifters. 2,765,079, 10-2-56, Cl. 209—250.
- Franken, Wilhelm: See—
- Schwank, Günther. 2,768,678.
- Schwank, Günther. 2,775,294.
- Frankenburg, Walter G., to General Cigar Co., Inc. Cigarette paper. 2,755,207, 7-17-56, Cl. 131—15.
- Frankenburg, Walter G., and A. M. Gottscho, to General Cigar Co., Inc. Continuous tobacco sheet production. 2,747,583, 5-29-56, Cl. 131—15.
- Frankenstein, William P. Fragile article supporting tray. 2,758,709, 8-14-56, Cl. 206—45.19.
- Frankenstein, William P. Display carton. 2,775,392, 12-25-56, Cl. 229—38.
- Franklin, Charles, to Champion Safe Tap Co. Thermal responsive device. 2,762,887, 9-11-56, Cl. 200—139.
- Frankl, Egon, to Rochester Button Co. Pigment compositions. 2,769,721, 11-6-56, Cl. 106—308.
- Frankland, William H. Radiant heating and air conditioning system. 2,767,961, 10-23-56, Cl. 257—8.
- Franklin, Albert W. Method and apparatus for stamping and adhering conductive elements to non-conductive bases. 2,753,619, 7-10-56, Cl. 29—153.8.
- Franklin, Albert W. Detachable electrical connector. 2,761,114, 8-28-56, Cl. 339—252.
- Franklin, Arthur W.: See—
- Betteridge, Walter, and Franklin. 2,766,155.
- Betteridge, Walter, Franklin, and Smith. 2,766,156.

- Franklin, Cyril W.: *See*—  
Gerwig, Harvey F., Ehrhardt, Franklin, and Hosterman. 2,755,777.
- Franklin, Edmond G., to General Mills, Inc. Positive opening and closing switch. 2,751,463, 6-19-56, Cl. 200—137.
- Franklin, Edmond G., to General Mills, Inc. Remote controlled thermal relay. 2,763,751, 9-18-56, Cl. 200—122.
- Franklin, Edmond G., to General Mills, Inc. Thermal switch with temperature differential cycling delay. 2,769,060, 10-30-56, Cl. 200—138.
- Franklin, Edna M. Belt loop holder. 2,735,111, 2-21-56, Cl. 2—236.
- Franklin, Edward, and N. Adamson. Blind stitch sewing machines. 2,774,319, 12-18-56, Cl. 112—176.
- Franklin, Henry J.: *See*—  
Cottle, Delmer L., Young, and Franklin. 2,758,953.  
Young, David W., Morway, and Franklin. 2,755,249.
- Franklin, John J., to Proctor & Schwartz, Inc. Apparatus for handling materials in strand or rope form. 2,742,143, 4-15-56, Cl. 203—245.
- Franklin, John J., to Proctor & Schwartz, Inc. Compensating rolls for handling continuous lengths of materials in the form of strand, ropes, and the like. 2,753,706, 7-10-56, Cl. 68—9.
- Franklin Mfg. Co., Inc.: *See*—  
Hawkins, Kenneth, and Peterson. 2,772,385.
- Franklin, Murry H. Kitchen tongs. 2,747,912, 5-29-56, Cl. 294—29.
- Franklin, Paul W., to Bendix Aviation Corp. Saturable core device and generator controlled thereby. 2,754,470, 1-10-56, Cl. 329—29.
- Franklin, Paul W., to Bendix Aviation Corp. Voltage regulation system. 2,758,272, 8-7-56, Cl. 322—47.
- Franklin, Paul W., to Bendix Aviation Corp. Regulating system for generators. 2,769,133, 10-30-56, Cl. 322—25.
- Franklin, Richard C., to E. I. du Pont de Nemours and Co. Preparation of 4,4'-nitrophenylbenzoic acid by nitric acid oxidation. 2,742,499, 4-17-56, Cl. 260—523.
- Franklin, Ronald W. J. Ornamented spectacle frames. 2,752,713, 7-3-56, Cl. 41—34.
- Franklin, Stanley E., to Marine Pumps, Inc. Rotary lapping machine. 2,752,172, 9-11-56, Cl. 51—129.
- Franko, John S. Door operating mechanism. 2,732,201, 1-24-56, Cl. 268—59.
- Franks, Charles M. Knife sharpener. 2,743,501, 5-1-56, Cl. 51—214.
- Franks, Clifford V., and W. J. Brown, said Franks assignor to said Brown. Electrical control systems. 2,734,160, 2-7-56, Cl. 318—308.
- Franks, Euralst T.: *See*—  
Woodard, Burnice, and Franks. 2,760,806.
- Franks, George W., and J. N. Hamilton. Electron discharge device. 2,754,422, 7-10-56, Cl. 250—211.
- Franks, Gerald N., and C. S. Shaw. Method and apparatus for treating cotton seed. 2,735,226, 2-21-56, Cl. 47—58.
- Franks, John D.: *See*—  
Krebs, Charles H., and Franks. 2,736,477.
- Franks, Norvin H., to Sturdi-Gilt Steel Products, Inc. Power tool bench with adjustable motor position. 2,743,747, 5-1-56, Cl. 144—1.
- Franks, Norvin H. Knock-down shelving unit. 2,760,650, 8-28-56, Cl. 211—148.
- Franssen, Richard C., and E. W. Michener. Dispenser for measuring granulated material. 2,768,772, 10-30-56, Cl. 222—455.
- Fransen, Frances. Adjustable diaper. 2,767,714, 10-23-56, Cl. 128—284.
- Franson, Erik A., to Aktiebolaget Bofors. Hoist for projectiles. 2,770,170, 11-13-56, Cl. 89—46.
- Frasssen, Hermann. Rolling strips from metal powder. 2,758,336, 8-14-56, Cl. 18—9.
- Frant, Martin S.: *See*—  
Cohen, Sylvan, and Frant. 2,774,708.
- Frantz, Frederick H., to General Aniline & Film Corp. Apparatus for automatic disposal of waste developer in dry printing and developing machines. 2,735,346, 2-21-56, Cl. 95—94.
- Frantz, Frederick H., and P. W. Christen, to General Aniline & Film Corp. Evaporator heater unit for gaseous developing chambers. 2,742,592, 4-17-56, Cl. 219—38.
- Frantz, Frederick H., and W. O. Schink, to General Aniline & Film Corp. Variable speed drive mechanism. 2,770,976, 11-20-56, Cl. 74—194.
- Frantz, Glenn R., to Bell Telephone Laboratories, Inc. Liner for frequency modulation generator. 2,747,163, 5-29-56, Cl. 332—38.
- Frantz, John M. Oil filter conversion kit. 2,738,879, 3-20-56, Cl. 210—183.
- Frantz Mfg. Co.: *See*—  
Foulds, Neil M., and Harms. 2,768,725.
- Frantz, Virgil L. Automatic bell ringer. 2,739,570, 3-27-56, Cl. 121—2.
- Frantz, Wilbert P., to Sperry Rand Corp. Automatic amplitude balance control system for hyperbolic navigation receiver. 2,732,549, 1-24-56, Cl. 343—103.
- Frantz, William, to Simmonds Aerosecories, Inc. Pneumatic control apparatus. 2,744,502, 5-8-56, Cl. 121—41.
- Franz, Erwin E., to Western Electric Co., Inc. Method of improving lamp mountings. 2,742,686, 4-24-56, Cl. 29—135.5.
- Franz, Günther E., to J. M. Voith G. m. b. H., Maschinenfabrik. Blade wheel propeller. 2,753,006, 7-3-56, Cl. 170—151.
- Franz, Leo P. Lister dammer. 2,767,633, 10-23-56, Cl. 97—55.
- Franz, Torwegge Maschinenfabrik: *See*—  
Torwegge, Franz, and Maschmeyer. 2,771,923.
- Franz, Wesley A. Airplane wing stress compensating structure assembly. 2,749,061, 6-5-56, Cl. 244—123.
- Franzel, Richard M.: *See*—  
Griffith, Le Roy A., and Franzel. 2,763,283.
- Franzel, Richard M., and L. A. Griffith, to Minneapolis-Honeywell Regulator Co. Fluid quantity measuring apparatus. 2,767,584, 10-23-56, Cl. 73—304.
- Franzen, Earl P., to Shell Development Co. Method for the addition of catalyst. 2,742,511, 4-17-56, Cl. 260—663.
- Franzen, Erik K.: *See*—  
Först, Bror K., and Franzen. 2,750,761.
- Franzheim, George W. Fuel valve. 2,769,610, 11-6-56, Cl. 251—205.
- Franzmann, William H. to The Hamilton Tool Co. Method of supporting member for manifold machine. 2,761,631, 9-4-56, Cl. 240—55.
- Franzmann, William H., to The Hamilton Tool Co. Method of making manifold forms. 2,766,984, 10-16-56, Cl. 270—62.
- Frash, Jean: *See*—  
Freud, Herbert M. 2,737,498.
- Fraser, Raymond H., to Signode Steel Strapping Co. Composite pallet. 2,738,153, 3-13-56, Cl. 248—120.
- Fraser, Alan R., to Chromium Mining & Smelting Corp., Ltd. Method of lowering the carbon content of high carbon ferrochromium. 2,744,004, 5-1-56, Cl. 75—26.
- Fraser, John H. Stabilization of radio frequency oscillators. 2,747,091, 5-22-56, Cl. 250—36.
- Fraser, Donald, and E. H. Bowler, to National Research Council. Apparatus for controlling a thermal de-icing system. 2,767,294, 10-16-56, Cl. 219—20.
- Fraser, George L., and C. Elmer, to Monsanto Chemical Co. Modified melamine resins. 2,773,793, 12-11-56, Cl. 154—128.
- Fraser, George L., and C. Elmer, to Monsanto Chemical Co. Melamine condensation products. 2,773,794, 12-11-56, Cl. 154—138.
- Fraser, Ian H.: *See*—  
Jackson, Thomas M., and Fraser. 2,749,479.
- Fraser, James, to Speakman Co. Self-metering flush valve. 2,734,712, 2-14-56, Cl. 251—35.
- Fraser, James, to Speakman Co. Mixing valve. 2,747,604, 5-29-56, Cl. 137—360.
- Fraser, James, to Speakman Co. Showerhead for shower bath use. 2,749,183, 6-5-56, Cl. 299—141.
- Fraser, John, to Avery-Hardoll Ltd. Valved coupling devices for pipes or conduits. 2,729,471, 1-3-56, Cl. 284—18.
- Fraser, John, to Avery-Hardoll Ltd. Liquid measuring and dispenser apparatus. 2,734,660, 2-14-56, Cl. 222—13.
- Fraser, John, to Avery-Hardoll Ltd. Liquid-meter operated means for controlling valves. 2,760,680, 8-28-56, Cl. 222—20.
- Fraser, John, to Avery-Hardoll Ltd. Valves for controlling flow of liquids. 2,762,389, 9-11-56, Cl. 137—380.
- Fraser, John, to Avery-Hardoll Ltd. Selective interlocking lug coupling. 2,773,707, 12-11-56, Cl. 285—27.
- Fraser, John, to Avery-Hardoll Ltd. Valves for controlling the flow of liquids. 2,775,258, 12-25-56, Cl. 137—413.
- Fraser, John A. Bottle stopper. 2,757,816, 8-7-56, Cl. 222—20.
- Fraser, Kenneth D. Self-locking lid for containers. 2,756,084, 7-24-56, Cl. 292—87.
- Fraser, Reginald P. Liquid atomizer. 2,762,656, 9-11-56, Cl. 299—120.
- Fraser, Robert M., to Fabrica Argentina de Alparagatas Sociedad Anonima Industrial y Comercial. Stripping machine. 2,747,206, 5-29-56, Cl. 12—1.
- Frazer, Julius T. Adjustable chalkboard mounting. 2,761,640, 9-4-56, Cl. 248—28.
- Frates, Imelda M. Attachment for accelerator pedals. 2,759,370, 8-21-56, Cl. 74—562.
- Fratus, Clarence F. Brake lining signal. 2,731,619, 1-17-56, Cl. 340—52.
- Frauenheim, Edward E., Jr., to George J. Meyer Malt & Grain Corp. Maltng apparatus. 2,749,280, 6-5-56, Cl. 195—128.
- Fray, Bernard A.: *See*—  
Cappella, Michael J., Jr., and Fraulo. 2,747,874.
- Fraunberger, Ferdinand: *See*—  
Wizenze, Leopold, Fraunberger, and Kuhrst. 2,754,464.
- Frawley Corp.: *See*—  
O'Sullivan, John F. 2,734,484.
- Frawley, Robert N.: *See*—  
Martin, Edward J., and Frawley. 2,766,653.
- Fray, Thelma. Handle cover. 2,759,278, 8-21-56, Cl. 38—95.
- Fray, Victor H. Screw or like nipping machines. 2,741,784, 4-17-56, Cl. 10—6.
- Fray, Victor H. Heading machines for bolts, screws, rivets, and the like. 2,747,205, 5-29-56, Cl. 10—13.
- Fraze, George H. Guard finger having a ledger plate. 2,747,358, 5-29-56, Cl. 56—309.
- Frazier, Charles, to American Cyanamid Co. Copolymers of vinyl aromatic compound, fatty acid ester of epoxy resin and a vegetable oil. 2,736,717, 2-28-56, Cl. 260—23.
- Frazier, David: *See*—  
Szabo, Joseph J., and Frazier. 2,774,780.
- Frazier, David, to The Standard Oil Co. Method and apparatus for separating fluids by thermal diffusion. 2,743,014, 4-24-56, Cl. 210—32.
- Frazier, Forrest C. Furniture guard. 2,753,655, 7-10-56, Cl. 45—137.



- Frazier, Roger O. Holder for upholstery spring. 2,760,560, 8-28-56, Cl. 155-179.
- Frazier Tandem Systems: *See*—
- Frazier, Van L., to Frazier Tandem Systems. Tandem axle spring suspension unit. 2,771,303, 11-20-56, Cl. 280-104.5.
- Frazier, William H.: *See*—
- Williams, Clarence, and Frazier. 2,738,139.
- Frarry, E. H., Jr., to Olin Mathieson Chemical Corp. Mushrooming projectiles. 2,765,738, 10-9-56, Cl. 102-91.
- Frechtling, Arthur C.: *See*—
- Severs, Edward T., and Frechtling. 2,753,314.
- Frechtman, Jean. Jig-saw puzzle. 2,739,816, 3-27-56, Cl. 273-157.
- Frechman, L. Roy N. Spinning toy balloon. 2,759,296, 8-21-56, Cl. 46-53.
- Fredd, John V.: *See*—
- Schramm, Harry B., Fredd, and Otis. 2,749,937.
- Fredd, John V. Well tools for perforating pipe. 2,753,935, 7-10-56, Cl. 164-0.3.
- Fredenall, Gordon L., to Radio Corp. of America. Color television receivers. 2,736,766, 2-28-56, Cl. 178-5.4.
- Fredenburg, Robert H., and W. E. Bissinger, to Columbia-Southern Chemical Corp. Method of rendering material tough by repellent by isopropyl pentachlorophenyl carbonate. 2,754,229, 7-10-56, Cl. 117-138.5.
- Fredenburg, Edwin J.: *See*—
- Hecht, Benjamin P., and Fredenburg. 2,732,326.
- Fredendall, Gordon L., to Radio Corp. of America. Electrical filter. 2,729,698, 1-3-56, Cl. 178-5.4.
- Fredenhagen, Eva R., and F. A. Finger exercising glove. 2,736,034, 2-28-56, Cl. 2-161.
- Fredenhagen, Franz A.: *See*—
- Fredenhagen, Eva R. and F. A. 2,736,034.
- Frederick, Alton K. Toroidal coil winder. 2,763,441, 9-18-56, Cl. 273-157.
- Frederick, Clarence W., to Square D Co. Door latch. 2,761,716, 9-4-56, Cl. 292-76.
- Frederick, Clyde B.: *See*—
- Hughes, Elmer J. 2,765,696.
- Frederick, Edward B., and E. F. Balas, to the United States of America as represented by the Secretary of the Army. Thread strength and friction tester. 2,730,891, 1-17-56, Cl. 73-12.
- Frederick, Edward R.: *See*—
- Oesterling, James F., Sinski, and Frederick. 2,751,609.
- Frederick, Edward R., to the United States of America as represented by the Secretary of the Army. Apparatus for covering core material with fibrous material. 2,745,375, 5-15-56, Cl. 118-33.
- Frederick, Edward R., M. C. Jaskowski, and M. N. Haller, to the United States of America as represented by the Secretary of the Army. Apparatus for conditioning feathers and the like. 2,739,391, 3-27-56, Cl. 34-2.
- Frederick, Ilse B.: *See*—
- Yost, John F., and Frederick. 2,751,367.
- Yost, John F. and Frederick. 2,751,368.
- Frederick, Jean R., to The Astatic Corp. Transducer and stylus therefor. 2,742,295, 4-17-56, Cl. 274-37.
- Frederick, Kenneth W. G.: *See*—
- Day, Joseph, and Frederick. 2,766,492.
- Frederick, Marvin R.: *See*—
- Morrissey, Richard T., and Frederick. 2,732,354.
- Fredericks, Chester P. Sponge brush. 2,753,582, 7-10-56, Cl. 15-244.
- Fredericks, Joseph A., to Caryl Bath Co. Apparatus for forming annular bodies. 2,734,548, 2-14-56, Cl. 153-2.
- Fredericks, Joseph A., to The Caryl Bath Co. Method of forming strip metal stock into shapes for making annular members. 2,743,756, 5-1-56, Cl. 153-40.
- Frederickson, Leonard: *See*—
- Miller, Alf R., and Frederickson. 2,740,460.
- Fredrico, Blossy D.: *See*—
- Rird, James R., Stevens, and Frederico. 2,752,572.
- Fredrickson, Jordan W., Sr. Trousers pockets. 2,732,560, 1-31-56, Cl. 2-254.
- Fredette, Joseph H., to American Can Co. Detachable bail for containers. 2,743,129, 4-24-56, Cl. 294-31.2.
- Frediani, Harold A. Method and apparatus for control of titrations and other phenomena. 2,740,694, 4-3-56, Cl. 23-239.
- Fredriksen, Clyde R., to H. Hildebrandt. Metal switch box mounting brackets. 2,751,173, 6-19-56, Cl. 248-27.
- Fredrikson, Gustav I. Slidable link chains and conveyors employing such chains. 2,753,982, 7-10-56, Cl. 198-189.
- Free, Charles H.: *See*—
- Hoover, Frank G., McColaugh, and Free. 2,772,039.
- Free-Good Enterprises, Inc.: *See*—
- Svirsky, Bennett. 2,730,117.
- Svirsky, Bennett. 2,730,122.
- Free Sewing Machine Co.: *See*—
- Haile, Clement. 2,771,187.
- Free, Vernon, and W. E. Muck. 17½% to said Free. 42½% to said Muck, and 15% to T. G. McCrea, and 25% to J. Davis. Emergency road light. 2,767,390, 10-16-56, Cl. 340-50.
- Freebairn, Darwin L., Jr.: *See*—
- Acterns, Joseph S., Freebairn, and Sherwood. 2,752,209.
- Freebairn, Darwin L., Jr., E. E. Kinsey, and A. E. C. Beutler, to North American Aviation, Inc. Three-element flexure pivot. 2,735,731, 2-21-56, Cl. 308-2.
- Freed, H. S., & Co.: *See*—
- Hines, Willis B. 2,736,365.
- Freed, Herbert S.: *See*—
- Hines, Willis B. 2,736,365.
- Freed, Jacob B., to The Durlon Co., Inc. Plug valve with plug retaining liner key. 2,735,645, 2-21-56, Cl. 251-192.
- Freed, Meier E.: *See*—
- Bruce, William F., Hanslick, and Freed. 2,746,959.
- Freed, Olof E.: *See*—
- Sabaron, Albert R., Freed, and Horner. 2,730,254.
- Freedlander, Abraham L., and N. D. Waters, to The Dayton Rubber Co. Foam rubber pillow construction. 2,750,606, 6-19-56, Cl. 5-337.
- Freddie, Willie W.: *See*—
- Carrick, Virgil P., and Freddie. 2,762,160.
- Freedman, George, to Raytheon Mfg. Co. Methods of making transistors and assembly thereof. 2,732,919, 1-24-56, Cl. 317-235.
- Freedman, George, to Raytheon Mfg. Co. Process of making p-n junction crystals. 2,763,581, 9-18-56, Cl. 148-1.5.
- Freedman, Howard: *See*—
- Cole, Joseph E. 2,731,087.
- Freedman, Israel L. Garment form. 2,748,999, 6-5-56, Cl. 223-68.
- Freedman, Louis H. Speed warning. 2,771,597, 11-20-56, Cl. 340-266.
- Freedman, Meyer L., and M. A. Levitin, to Horizons Inc. Aluminum photographic surfaces. 2,766,119, 10-9-56, Cl. 95-8.
- Freedman, Mollie S. Convertible garment. 2,744,253, 5-8-56, Cl. 2-80.
- Freedman, Stanley P., and A. A. Heyman. Machine for automatically making rolled cones. 2,740,363, 4-3-56, Cl. 107-4.
- Freeland, Charles A., to J. Rawson & Sons Ltd. Winding machine. 2,751,160, 6-19-56, Cl. 242-27.
- Freeland, Chester V. Emergency fire escape. 2,744,673, 5-8-56, Cl. 227-18.
- Freeland, Frederick F. Illuminated tool. 2,736,972, 2-28-56, Cl. 240-6.46.
- Freeman, Alfred. Rack for supporting lasts during the manufacture of boots and shoes. 2,729,341, 1-3-56, Cl. 211-37.
- Freeman, Alfred, to United States Steel Corp. Pneumatic brake and throttle system. 2,737,272, 3-6-56, Cl. 192-3.
- Freeman, Alfred. Conveyor systems. 2,751,091, 6-19-56, Cl. 214-11.
- Freeman, Alfred. Conveyor system. 2,755,908, 7-24-56, Cl. 198-38.
- Freeman, Alfred. Chain conveyors. 2,755,914, 7-24-56, Cl. 198-177.
- Freeman, Alfred. Conveyor system. 2,757,781, 8-7-56, Cl. 198-38.
- Freeman, Alfred. Index devices for use in conveyor systems. 2,753,698, 8-14-56, Cl. 198-38.
- Freeman, Benjamin V., and C. M. Vierling, to The Louis G. Freeman Co. Shoe shaper. 2,740,976, 4-10-56, Cl. 12-51.
- Freeman, Charles B. Circuit control device. 2,750,480, 6-12-56, Cl. 200-168.
- Freeman, George S. P., to Cinema-Television Ltd. Target electrode for use in television pick-up tubes or the like. 2,731,580, 1-17-56, Cl. 313-326.
- Freeman, George S. P., to Cinema-Television Ltd. Image-translating device. 2,735,935, 2-21-56, Cl. 250-27.
- Freeman, Horace, and J. D. Bowdway, to Nichols Engineering and Research Corp. Vortex separators. 2,757,581, 8-7-56, Cl. 23-28.
- Freeman, Horace, and J. D. Bowdway, to Nichols Engineering and Research Corp. Separation of gas and undesired particles from liquids. 2,757,582, 8-7-56, Cl. 92-28.
- Freeman, Leo, to Gruendler Crusher and Pulverizer Co. Methods of denberizing bagasse. 2,760,234, 8-28-56, Cl. 19-8.
- Freeman, Louis G., Co., The: *See*—
- Freeman, Benjamin V., and Vierling. 2,740,976.
- Freeman, Philip M., to United Aircraft Corp. Gear preloading device on pitch change mechanism for oppositely rotating propellers. 2,730,181, 1-10-56, Cl. 170-135.27.
- Freeman, Robert L.: *See*—
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- Freeman, Robert W.: *See*—
- Keillon, Earl R., and Freeman. 2,743,612.
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- Freeman, Wallace E. Road fencing. 2,746,723, 6-22-56, Cl. 256-29.
- Freeman, Walter R., to Wagner Electric Corp. Emergency break-away valve. 2,748,791, 6-5-56, Cl. 137-111.
- Freeman, Wilfred A., and R. Slack, to May & Baker Ltd. Isomeric nitroso-1-phenyl pyrazoles. 2,751,395, 6-19-56, Cl. 260-310.
- Freeport Sulphur Co.: *See*—
- Axelrad, Bernard A. 2,756,207.
- Axelrad, Bernard A., and Brogdon. 2,756,035.
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- Brogdon, Vas H. 2,756,029.
- Cockfield, Clifford M. 2,759,328.
- Monroe, John E., Jr. 2,771,284.
- Williams, R. L., Shaw, and Brogdon. 2,750,000.
- Freeks, Marshall C.: *See*—
- Zienty, Ferdinand B., and Freeks. 2,766,280.
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- Freeze, Harry: *See—*  
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 Freeze, Jonathan R. to Armo Steel Corp. Method and apparatus for feeding and forming sheet strip stock into a helix. 2,752,873, 7-3-56, Cl. 113—35.  
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 Frellsen, Carlton B., to Joy Mfg. Co. Pilot valve control for hydraulic distributing valves. 2,742,922, 4-24-56, Cl. 137—621.  
 Freeman, Beryl G. Door operating mechanism. 2,731,260, 1-17-56, Cl. 268—63.  
 Fremstad, Viles K., to Ajax Hardware Mfg. Corp. Door stop construction. 2,767,421, 10-23-56, Cl. 16—85.  
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 French, Harry H. Electrical connector. 2,766,435, 1-19-56, Cl. 139—193.  
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 French, Louis O. Rotary valve internal-combustion engine. 2,742,026, 4-17-56, Cl. 123—41.4.  
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 French, William G., to Aetna Steel Products Corp. Work station fixture. 2,747,236, 5-29-56, Cl. 20—4.  
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 Freese, Leo. Mortar guide machine. 2,757,532, 8-7-56, Cl. 7—130.  
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 Freno, Giuseppe, to Manifattura Italiana di Scardassi. Fillet tensioning device in card fillet manufacturing machines. 2,756,993, 7-31-56, Cl. 271—2.3.  
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 Frentzel, Herman C., to Appleton Wire Works, Inc. Wire weaving looms. 2,731,986, 1-24-56, Cl. 139—126.  
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- Frey, Raymond M., to McGraw Electric Co. Furan resin-tall oil reaction product. 2,735,826, 2-21-56, Cl. 260—23.5.
- Frey, Stuart M.: *See* Green Shields.
- Frey, Green Shields, Robert O., and Frey, 2,750,820.
- Frey, Walter, to Saeurefabrik Schweizerhall. Preparation of neutral inorganic oxide pigments. 2,739,904, 3-27-56, Cl. 106—300.
- Frey, Wolfgang, and A. Peter, to Sandoz A. G. Green substantive dyestuffs mixture and process of making same. 2,729,839, 1-3-56, Cl. 260—144.
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- Freyermuth, Williams, Wilson, and Freyermuth, 2,733,165.
- Freyr, Carl, to Jeannet Lloyd. Pump. 2,739,318, 3-27-56, Cl. 4—253.
- Freyssinet, Eugene,  $\frac{1}{2}$  to Ingenieurs Bureau Voor Industrie Service N. V., and  $\frac{1}{2}$  to Tans Metaalconstructies en Zwaar Transport N. V. Jack. 2,746,714, 5-22-56, Cl. 254—29.
- Freyssinet, Eugene. Buried reservoirs of pre-stressed concrete. 2,755,630, 7-24-56, Cl. 61—5.
- Frick, Charles H., and R. J. Leary, to General Motors Corp. Altitude compensated pneumatic governor. 2,737,166, 3-6-56, Cl. 123—103.
- Frick, Charles H., and G. R. Hickson, to General Motors Corp. Control mechanism. 2,771,788, 11-27-56, Cl. 74—472.
- Frick, Chester A., to L. M. Harvey. Packing case. 2,730,259, 1-10-56, Cl. 217—43.
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- Frick, Joseph A., to W. Kasten, to Bendix Aviation Corp. Filtering device. 2,748,948, 6-5-56, Cl. 210—169.
- Fricke, Guy C., and C. P. Hansen, to Bendix Aviation Corp. Method of making pleated paper filter elements. 2,749,265, 6-5-56, Cl. 154—83.
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- Frickert, Drummond, Warren W., Steitz, and Frickert, 2,736,512.
- Frick, Philip J., Jr., to J. Owen Corning Fiberglass Corp. Fibrous mats and production thereof. 2,736,676, 2-28-56, Cl. 154—54.
- Frickhofen, Werner. Pocket-saw with wire-reinforced blade. 2,774,400, 12-18-56, Cl. 145—81.
- Frida, David G. Laterally shiftable and tiltable rotary hoe. 2,749,824, 6-12-56, Cl. 97—43.
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- Fridge, David S., Sr. Prophylactic dental handpiece. 2,738,528, 3-20-56, Cl. 15—59.
- Fridström, Folke B. Arrangement in concertina. 2,764,906, 10-2-56, Cl. 84—376.
- Frie, George R., R. E. McGonigal, and L. M. Benkert, to International Harvester Co. Motor vehicle window mounting with drainage trough. 2,769,657, 11-6-56, Cl. 296—47.
- Frie, Vermont, to Silver-Chamberlin Co., Inc. Mop head. 2,738,534, 3-20-56, Cl. 15—229.
- Frie, Vermont, to Silver Chamberlin Co., Inc. Method of assembling a mop. 2,739,014, 3-20-56, Cl. 300—21.
- Frieberg, Nelson R.: *See* Fowler, Roland G.
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- Frieburger, Nelson R., and O. F. Larsen, to The National Cash Register Co. Two-total credit balance adding machine. 2,760,722, 8-28-56, Cl. 235—60.31.
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- Fried, Armin and J. W. Tool for removing burrs, chamfering, recessing and the like. 2,739,497, 3-27-56, Cl. 77—73.5.
- Fried, Jacob. Pinhole camera. 2,751,825, 6-26-56, Cl. 95—11.
- Fried, Joe, to A. N. Anixter. Multi-purpose electrical connector. 2,766,433, 10-9-56, Cl. 339—110.
- Fried, Josef, and R. W. Thoma, to Olin Mathieson Chemical Corp. 1-dehydrostetrolactone. 2,744,120, 5-1-56, Cl. 260—343.2.
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- Fried, Joseph W., and A. Fried. Deburring and chamfering tool. 2,745,299, 5-15-56, Cl. 77—73.5.
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- Fried, Louis. Hand-openable top for cans. 2,772,808, 12-4-56, Cl. 220—48.
- Frieden, Alexander, and R. M. Stern, to Pabst Brewing Co. Poultry and swine feed. 2,767,094, 10-16-56, Cl. 99—2.
- Frieder, Leonard P.: *See* Finken, Walter S.
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- Frieder, Leonard P., and W. S. Finken; said Finken assor. to said Frieder. Parachute canopy structures. 2,730,314, 1-10-56, Cl. 244—142.
- Frieder, Leonard P., and W. S. Finken; said Finken assor. to said Frieder. Load-retarding canopy structure. 2,730,316, 1-10-56, Cl. 244—145.
- Frieder, Leonard P., and W. S. Finken; said Finken assor. to said Frieder. Delay opening parachute and pyrolytic release therefor. 2,732,153, 1-24-56, Cl. 244—150.
- Frieder, Leonard P., and W. S. Finken; said Finken assor. to said Frieder. Headgear structure. 2,739,309, 3-27-56, Cl. 2—3.
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- Frieder, Leonard P., and W. S. Finken; said Finken assor. to said Frieder. Radiosonde battery compartment. 2,742,174, 4-17-56, Cl. 220—24.
- Frieder, Leonard P., W. S. Finken, and J. A. Alleo; said Finken and said Alleo assors. to said Frieder. Parachute pack. 2,762,589, 9-11-56, Cl. 244—148.
- Frieder, Leonard P., and W. S. Finken; said Finken assor. to said Frieder. Elastic impregnated fabric material and method for making same. 2,766,453, 10-16-56, Cl. 2—3.
- Friedrich, Herbert: *See* Reppe, Walter, and Friederich.
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- Friedheim, Ernst A. H. Therapeutic organometallic compounds containing antimony and sulfur. 2,772,303, 11-27-56, Cl. 260—446.
- Friedl, Anton J., and W. E. Shipley, to United States Steel Corp. Apparatus for feeding strips. 2,738,186, 3-13-56, Cl. 271—23.
- Friedlander, Erich S., to The General Electric Co. Ltd. Liquid resistances and to electric motor control equipment, including such resistances. 2,754,461, 7-10-56, Cl. 318—240.
- Friedlander, Gerhart: *See* Dodson, Richard W.
- Dodson, Richard W., Friedlander, Helmholz, and Watkins. 2,732,072.
- Friedl, Gérard, to Fabrique d'Horlogerie de St. Blaise S. A. Car watch. 2,745,244, 5-15-56, Cl. 58—88.
- Friedl, Robert Jr., to Radio Corp. of America. Positioning and tracking device for elongated articles. 2,752,743, 7-3-56, Cl. 53—236.
- Friedly, Robert C., W. G. Tawse, and R. C. Singleton, to Gregory Industries, Inc. Billet identification. 2,761,229, 9-4-56, Cl. 40—2.2.
- Friedman, Bernard L. Photo-flash assemblies. 2,748,259, 5-29-56, Cl. 240—11.4.
- Friedman, Bernard L. Safe power pack for photo flash equipment. 2,763,826, 9-18-56, Cl. 320—1.
- Friedman, Gerson, and M. D. Lazar, to Burndy Engineering Co. Indenting and sealing tool with selectively operable blades. 2,729,995, 1-10-56, Cl. 81—15.
- Friedman, Herbert. Pulse rate counter. 2,754,056, 7-10-56, Cl. 235—61.
- Friedman, Herman. Interlocking pre-cast building blocks. 2,732,706, 1-31-56, Cl. 72—38.
- Friedman, Isadore. Clock mechanisms. 2,730,913, 1-17-56, Cl. 77—675.
- Friedman, John H., to The National Machinery Co. Nut piercing machine. 2,735,487, 2-21-56, Cl. 164—86.
- Friedman, John H., to The National Machinery Co. Method of making skirted nuts. 2,743,466, 5-1-56, Cl. 10—86.
- Friedman, Philip. Shorts for boys and young men. 2,739,314, 3-27-56, Cl. 2—224.
- Friedman, Robert G., to National Machinery Co. Fluid operated multiple disc clutch. 2,729,319, 1-3-56, Cl. 192—85.
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- Friedman, Robert G., to The National Machinery Co. Spring applied wheel brake. 2,775,319, 12-25-56, Cl. 188—170.
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- Bohlinger, Ernst A., and Friedman. 2,740,569.
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- Reed, Erwin. 2,760,245.
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- Friedmann, Giovanni. Plant for the distribution of fertilizing liquor. 2,757,047, 7-31-56, Cl. 299-84.
- Friedmann, Martin, Jr. Footwear. 2,767,487, 10-23-56, Cl. 36-2.5.
- Friedrich, Alfred, to Phrix-Werke A. G. Drawing of organic high polymers. 2,768,057, 10-23-56, Cl. 8-130.1.
- Friedrich, Ed Inc.: *See—*
- Hardin, Hubert W., and Brinkoeter. 2,730,873.
- Friedrich, Robert E., to Westinghouse Electric Corp. Circuit interrupter. 2,773,153, 12-4-56, Cl. 200-150.
- Friel, James F.: *See—*
- Baker, Calvin A. 2,736,351.
- Friend, Albert W., to Radio Corp. of America. Impulse excited magnetic deflection system. 2,743,392, 4-24-56, Cl. 315-27.
- Friend, Albert W., to Radio Corp. of America. Electron beam controlling system. 2,751,519, 6-19-56, Cl. 315-13.
- Friend, Charles E.: *See—*
- Rotter, Theodore. 2,732,147.
- Friend, David: *See—*
- Bacon, Cyril G., and Friend. 2,747,964.
- Friend, David S.: *See—*
- Newman, Robert J., and Friend. 2,746,422.
- Friend, Homer C. Apparatus for hydrotherapeutic treatment. 2,772,421, 12-4-56, Cl. 4-178.
- Friend, Justice Q. Dispenser. 2,747,777, 5-29-56, Cl. 22-517.
- Friend, Lloyd L., Jr. Apparatus for sonic fractionation of multicomponent fluid mixtures. 2,754,257, 7-10-56, Cl. 202-158.
- Friend, Mildred: *See—*
- Bryce, Robert M. 2,739,834.
- Friedman, Herbert. Multisection Geiger-Mueller counter. 2,742,586, 4-17-56, Cl. 313-93.
- Frier, Billy E., to General Motors Corp. Dynamic braking control system. 2,749,497, 6-5-56, Cl. 318-367.
- Frieri, Luigi, to "Superga" Societa per Azioni. Apparatus for applying rubber soles to articles of rubber footwear. 2,740,143, 4-3-56, Cl. 12-33.
- Friers, John G. Carwashing apparatus. 2,752,925, 7-3-56, Cl. 134-123.
- Frierson, Kenneth M.: *See—*
- Stafford, Jerome W., and Frierson. 2,774,056.
- Fries, Adam J., and J. J. Hoffman. Anti-skid apparatus for motor vehicles. 2,770,280, 11-13-56, Cl. 152-216.
- Fries, John H., Jr., to General Electric Co. Electric range. 2,729,735, 1-3-56, Cl. 219-20.
- Fries, John R., and H. E. Balsiger, to Landis Tool Co. Grind-wheel dressing. 2,739,240, 2-21-56, Cl. 51-166.
- Fries, Peter, Jr.: *See—*
- Chandler, Edward F. 2,763,994.
- Danchig, Ira. 2,762,074.
- Danchig, Ira. 2,771,198.
- Sunden, Stuart O. 2,760,599.
- Sunden, Stuart O. 2,771,667.
- Friesen, Alfred J. Switch operating device. 2,760,035, 8-21-56, Cl. 200-172.
- Frigeri, Luigi: *See—*
- Battarra, Arnoldo, Maveri, Melloni, and Frigeri. 2,773,740.
- Frigeri, Arrigo Roberto G., and U. L. Frigeri. Mechanical compression systems for ensilage of fodder in the open air. 2,740,350, 4-3-56, Cl. 100-68.
- Frigeri, Ugo L.: *See—*
- Frigeri, Arrigo Roberto G., and U. L. 2,740,350.
- Frihart, Henry, and G. F. Baroch, to Motorola, Inc. Heterodyne receiver. 2,734,132, 2-7-56, Cl. 250-20.
- Frihart, Henry N., and G. F. Baroch, to Motorola, Inc. Converter. 2,770,724, 11-13-56, Cl. 250-20.
- Fris-Hansen, Erik. Cloth laying up, and cloth spreading machines. 2,737,385, 3-6-56, Cl. 270-1.
- Fris, Harald T., to Bell Telephone Laboratories, Inc. Transmitting and receiving circuits for wave transmission systems. 2,773,978, 12-11-56, Cl. 250-13.
- Frink, Russell E.: *See—*
- Dickinson, Robert C., and Frink. 2,743,336.
- Angal, Harry J., and Frink. 2,734,971.
- Frink, Russell E., to Westinghouse Electric Corp. Circuit interrupter. 2,740,021, 3-27-56, Cl. 200-149.
- Frink, Russell E., to Westinghouse Electric Corp. Circuit interrupter. 2,769,065, 10-30-56, Cl. 200-147.
- Frink, Russell E., and R. C. Dickinson, to Westinghouse Electric Corp. Process of manufacturing spaced plate arc extinguishers. 2,734,842, 2-14-56, Cl. 154-122.
- Frisbie, Delbert R.: *See—*
- Frisbie, Francis H. and D. R. 2,756,661.
- Frisbie, Francis H. and D. R. Sod cutter and winder. 2,756,661, 7-31-56, Cl. 97-226.
- Frisby Corp.: *See—*
- Frisby, Frank D. 2,772,129.
- Frisby, Frank D., to Frisby Corp. Piston packing ring. 2,772,129, 11-27-56, Cl. 309-45.
- Frisby, Raymond A. Closure for ventilators. 2,755,728, 7-24-56, Cl. 98-37.
- Frisch, Erling, to Westinghouse Electric Corp. Linear motion device. 2,752,546, 6-26-56, Cl. 318-135.
- Frisch, Franz, to Sandoz A. G. Acid monoazo dyestuffs. 2,756,225, 7-24-56, Cl. 260-194.
- Frisch, Kurt C., to General Electric Co. Allylphenyl organosilanes. 2,759,959, 8-21-56, Cl. 260-448.2.
- Frisch, Martin, and J. Blizard. Extended surface element for heat exchanger. 2,737,370, 3-6-56, Cl. 257-262.16.
- Frischmann, Karl, to Ernst Leitz, G. m. b. H. Binocular microscope. 2,735,337, 2-21-56, Cl. 88-39.
- Frischmann, Karl, to Ernst Leitz, G. m. b. H. Dovetail connection for microscopes. 2,735,519, 2-21-56, Cl. 189-36.
- Frischmann, Karl, to Ernst Leitz G. m. b. H. Micro-manipulator. 2,760,405, 8-28-56, Cl. 88-40.
- Frisoli, Arturo: *See—*
- Seed, Clifton W., and Frisoli. 2,753,460.
- Frito Co., The: *See—*
- Gunderson, Willard R. 2,758,751.
- Fritsch, Robert A., to Harnischfeger Corp. Rigging for the digging cable for a power shovel. 2,738,889, 3-20-56, Cl. 214-138.
- Fritsch, Walter: *See—*
- Lyons, Richard E. 2,749,151.
- Fritsch, Werner: *See—*
- Ehrhart, Gustav, Ruschig, Schmidt-Thomé, Haede, and Fritsch. 2,752,343.
- Ehrhart, Gustav, Ruschig-Thomé, Ruschig, Fritsch, and Haede. 2,758,121.
- Ruschig, Heinrich, Fritsch, Schmidt-Thomé, and Haede. 2,731,461.
- Fritsch, Willy. Pressure cookers and the like. 2,757,685, 8-7-56, Cl. 37-525.
- Fritschi, Casper G., Jr. Fertilizer and seed distributor. 2,748,996, 6-5-56, Cl. 222-465.
- Fritschi, Hans: *See—*
- Dall, Albert H., and Fritschi. 2,730,129.
- Dall, Albert H., and Fritschi. 2,766,003.
- Ernst, Hans, and Fritschi. 2,747,469.
- Fritschl, Walter W., and C. W. Lucke, to Bell Telephone Laboratories, Inc. Voice-frequency signaling system. Re. 2,411,7, 1-31-56, Cl. 179-16.
- Fritschl, Walter W., and A. Weaver, to Bell Telephone Laboratories, Inc. Signal converter for communication systems. 2,765,371, 10-2-56, Cl. 179-84.
- Fritschy, J. Melvin: *See—*
- Schoeld, Edmund A., Fritschy, and Nelson. 2,757,796.
- Fritts, Frederick H. Developing and drying device for X-ray films. 2,766,070, 10-16-56, Cl. 95-100.
- Fritz, Art C., to Marathon Corp. Carton locking device. 2,760,710, 8-28-56, Cl. 229-45.
- Fritz, Earl A., to Milwaukee Gas Specialty Co. Welded circuit connection for thermoelectric safety devices and method. 2,763,712, 9-18-56, Cl. 174-152.
- Fritz, Erabets: *See—*
- Robert L., Hlavacek, and Fritz. 2,730,538.
- Fritz, Elwood W. Christmas tree stand. 2,734,993, 2-14-56, Cl. 240-10.
- Fritz, Herbert A. Paint brush having a removable head. 2,763,884, 9-25-56, Cl. 15-176.
- Fritz, Robert J., to Esso Research and Engineering Co. Fluid hydroforming process. 2,749,285, 6-5-56, Cl. 196-50.
- Fritz, Robert J., to Esso Research and Engineering Co. Hydroforming high sulfur feed stocks. 2,756,191, 7-24-56, Cl. 196-50.
- Fritz, Robert J., to Esso Research and Engineering Co. Heat balanced hydroforming process. 2,763,595, 9-18-56, Cl. 196-50.
- Fritz, Robert J., J. F. Moser, Jr., L. A. Nicolai, and E. W. S. Nicholson, to Esso Research and Engineering Co. Fluid hydroforming. 2,760,910, 8-28-56, Cl. 196-50.
- Fritz, Robert J., J. F. Moser, Jr., L. A. Nicolai, E. W. S. Nicholson, and W. A. Rex, to Esso Research and Engineering Co. Fluid hydroforming process. 2,760,911, 8-28-56, Cl. 196-50.
- Fritz, Robert J., and L. A. Nicolai, to Esso Research and Engineering Co. Pretreatment process for fluid hydroforming. 2,765,268, 10-2-56, Cl. 196-50.
- Fritz, William A., Jr.: *See—*
- Banham, James W., Jr., and Fritz. 2,770,322.
- Fritze, Marvin E., ½ to D. E. Hilliard and ½ to J. C. Fennelly Co., Inc. Method of sandblasting. 2,739,424, 3-27-56, Cl. 51-8.
- Fritzinger, George H., to Thomas A. Edison, Inc. Remote control systems for phonographs. 2,755,337, 7-17-56, Cl. 179-6.
- Fritzen, Glenn A.: *See—*
- Binder, William O., Kroft, and Fritzen. 2,746,860.
- Fritzsche, Ralph, to The Cincinnati Shaper Co. Pneumatic clutch control. 2,734,609, 2-14-56, Cl. 192-129.
- Frizzell, Clarence E.: *See—*
- Ross, Harold D., Jr., and Frizzell. 2,734,684.
- Frizzell, Clarence E., to International Business Machines Corp. Electronic commutator. 2,766,377, 10-9-56, Cl. 250-27.
- Fröbel, Arthur, to Olympia Werke Aktiengesellschaft. Adjustable stop mechanism. 2,729,986, 1-10-56, Cl. 74-526.
- Fröberger, Charles F., to General Motors Corp. High strength shell molds. 2,751,650, 6-26-56, Cl. 22-193.
- Fröelich, Kurt, to Nordberg Mfg. Co. Internal combustion engine (cylinder head). 2,738,778, 3-20-56, Cl. 123-32.
- Fröelich, George E., to H. J. Landry. Infant's folding utility structure. 2,769,183, 11-6-56, Cl. 5-99.
- Fröelich, Herman C., to General Electric Co. Zinc sulphide phosphor containing aluminum. 2,743,237, 4-24-56, Cl. 260-301.6.
- Fröelich, Herman C., to General Electric Co. Electro-luminescent zinc sulphide phosphor and method of preparation. 2,743,239, 4-24-56, Cl. 252-301.6.
- Fröelich, Herman C., to General Electric Co. Zinc-aluminum sulphide phosphor and method of preparation thereof. 2,743,240, 4-24-56, Cl. 252-301.6.
- Fröelich, Herman C., to General Electric Co. Preparation of magnesium carbonate. 2,765,212, 10-2-56, Cl. 23-67.



- Froelich, Robert, Jr.: *See*—  
     Schweda, Albert M., and Froelich. 2,759,442.  
 Froemel, John G. X-ray microscope. 2,754,425, 7-10-56, Cl. 250-53.  
 Froeschel, Paul: *See*—  
     Gold, Richard L., and Froeschel. 2,745,217.  
 Frohberger, Paul-Ernst: *See*—  
     Urbachst, Ewald, and Frohberger. 2,767,114.  
 Frohmader, Stanley H., to Research Products Corp. Viscous composition and method of making the same. 2,775,561, 12-25-56, Cl. 252-308.  
 Frohman, Howard L. Rebus puzzle computer. 2,731,269, 1-17-56, Cl. 273-148.  
 Frohnsdorf, Raymond S. M., and J. U. Lewin, to The Gillette Co. Pyrening with quinones or hydroquinones and borohydrides and compositions therefor. 2,745,788, 5-15-56, Cl. 167-88.  
 Froidevaux, Jean-Michel, to Manufacture des Montres Universal, Perret & Berthoud S. A. Winding crown for timepiece movement. 2,773,347, 12-11-56, Cl. 59-90.  
 Froidevaux, Marcel, to Kustner Freres et Cie, S. A. Machines for moulding a doughy mass. 2,754,773, 7-17-56, Cl. 107-14.  
 Frojd, Gustav A., to Borg-Warner Corp. Welding apparatus. 2,733,327, 1-31-56, Cl. 219-8.  
 Frokjar-Jensen, Axel. Method and apparatus for improving the strength of steel bars, especially reinforcing steel. 2,738,576, 3-20-56, Cl. 29-549.  
 Frola, Frank V., and M. W. Slye, to Westinghouse Electric Corp. Silicon semiconductor devices. 2,763,822, 9-18-56, Cl. 317-234.  
 Fromberg, Konrad, A. Gruessner, B. Pellmont, and O. Schneider, to Hoffmann-La Roche Inc. Analgesic compositions. 2,770,569, 11-13-56, Cl. 167-65.  
 Fromm, Kenneth N., and T. Miller, to Westinghouse Electric Corp. Tri-color television picture tube with registration control. 2,763,715, 9-18-56, Cl. 178-54.  
 Fromm, Winfield B.: *See*—  
     Schmitt, Otto H., and Fromm. 2,730,620.  
 Frommer, Joseph C., to Electric Eye Equipment Co. Counter-checking circuit and device. 2,767,839, 10-23-56, Cl. 209-74.  
 Frommer, Joseph C. Method and apparatus for the counting of particles per unit volume in a fluid. 2,775,159, 12-25-56, Cl. 88-14.  
 Fromson, Bertram W. Soap dispenser. 2,748,988, 6-5-56, Cl. 222-207.  
 Fromson, Howard A. Method for the casting of sheets of a fusible material. 2,754,859, 7-17-56, Cl. 22-200.1.  
 Fromson Orban Co., Inc.: *See*—  
     Guggenberger, Karl. 2,751,342.  
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     Stucker, Joseph B., and Fronczak. 2,755,248.  
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     Levi, Irving, and Lozinski. 2,762,727.  
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     Bersworth, Frederick C., and Frost. 2,755,304.  
     Bersworth, Frederick C., and Frost. 2,761,874.  
 Frost, Albert E., to The Western Union Telegraph Co. Metering circuit for effecting repeated recording operations. 2,735,491, 2-21-56, Cl. 164-113.  
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     Wheeler, Leonard K., and Frost. 2,762,863.  
 Frost, Douglas V., and F. C. McIntire, to Abbott Laboratories. Stable nucleotide amino acid compositions. 2,738,299, 3-25-56, Cl. 372-65.  
 Frost, Eugene C., to Lockheed Aircraft Corp. Cargo tie-down fitting. 2,756,693, 7-31-56, Cl. 105-369.  
 Frost, Frank E.: *See*—  
     Shaw, Harmon L., and Frost. 2,760,133.  
     Shaw, Harmon L., and Frost. 2,772,897.  
 Frost, Frank B. Locking device for outboard motors. 2,749,738, 6-12-56, Cl. 70-232.  
 Frost, Frank S. Hand truck with multiple wheel pairs. 2,747,883, 5-29-56, Cl. 280-5,26.  
 Frost, Frederick H., to S. D. Warren Co. Planographic printing plate and treatment thereof. 2,741,981, 4-17-56, Cl. 101-149.2.  
 Frost, Frederick H., and P. S. Leighton, to S. D. Warren Co. Method of producing high gloss mineral-coated paper and resultant product. 2,759,847, 8-21-56, Cl. 117-64.  
 Frost, George E., to Olin Mathieson Chemical Corp. Compound projectile. 2,751,845, 6-26-56, Cl. 102-91.  
 Frost, Gustave, to Andrew Geller, Inc. Open-back shoe construction. 2,732,635, 1-31-56, Cl. 36-24.5.  
 Frost, John G. Fluid filled game piece receptacle. 2,746,757, 5-22-56, Cl. 273-138.  
 Frost, Loyd T., and W. A. Hamer, said Hamer assignor to said Frost. Pocket tape recorder. 2,733,069, 1-31-56, Cl. 274-4.  
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     Brittain, John O., and Frost. 2,739,887.  
 Frost, Raymond B., to Victaulic Co. of America. Hinged pipe coupling and method of making the same. 2,752,174, 6-26-56, Cl. 285-194.  
 Frostad, Lars, to The Porter-Cable Machine Co. Tracking mechanism for belt sander. 2,742,741, 4-24-56, Cl. 51-170.  
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     Williams, Kenneth G., and Frowe. 2,743,415.  
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     Reid, Frederick M., and Locker. 2,733,931.  
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     Bohlen, Charles I. 2,743,940.  
     Bohlen, Charles I. 2,767,015.  
     Bohlen, Charles I. 2,773,735.  
     Reid, Frederick M., and Locker. 2,743,939.  
     Strick, Frank, and Bohlen. 2,757,043.  
 Fruengel, Frank. Electric impulse lamp as transmitter for light-flash signaling system. 2,749,482, 6-5-56, Cl. 315-241.  
 Frut, Charles E. Package band cutter. 2,765,532, 10-9-56, Cl. 30-254.  
 Frumet, Charles J., Jr., to U. S. Industries, Inc. Thermostatic valve. 2,742,927, 4-24-56, Cl. 137-168.  
 Frushour, George V., to Allis-Chalmers Mfg. Co. Articulated deflector for blower. 2,750,235, 6-12-56, Cl. 302-61.  
 Frushour, George V., to Allis-Chalmers Mfg. Co. Universally adjustable pipe coupling with exterior locking means. 2,754,139, 7-10-56, Cl. 285-184.  
 Fry, Benjamin W., to Standby Vendors, Inc. Coin handling mechanism. 2,739,603, 3-27-56, Cl. 133-5.  
 Fry, Benjamin W., to National Vendors Inc. Vending machine. 2,743,842, 5-1-56, Cl. 221-86.  
 Fry, Geneva K. Trellis drape. 2,747,252, 5-29-56, Cl. 28-78.  
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     Cain, Dallas E., and Fry. 2,752,023.  
 Fry, Horace P., to American Viscose Corp. Backlash comparator. 2,768,449, 10-30-56, Cl. 33-174.  
 Fry, Horace P., Jr., to American Viscose Corp. Apparatus for continuously measuring drying strains and residual shrinkage. 2,730,898, 17-56, Cl. 73-159.  
 Fry, Millard E., to General Motors Corp. Domestic appliance. 2,754,403, 7-10-56, Cl. 219-37.  
 Fry, Millard E., to General Motors Corp. Domestic appliance. 2,754,405, 7-10-56, Cl. 219-37.  
 Fry, Millard E., to General Motors Corp. Domestic appliance. 2,767,298, 10-16-56, Cl. 219-35.  
 Fry, Stanley S., to Faunsteel Metallurgical Corp. Selenium rectifier. 2,761,095, 8-23-56, Cl. 317-241.  
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     Bedell, Harold L., Evans, and Fry. 2,762,757.  
     Cutter, Richard W., Strzala, and Fry. 2,771,177.  
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     Robertson, James L. 2,760,738.  
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     Long, John B., and Frye. 2,747,721.  
 Fryer, Edward, and W. J. Adams, to General Motors Corp. Digging and carrying scraper. 2,773,320, 12-11-56, Cl. 37-126.  
 Fryer, George R. Machine for tying wire coils. 2,742,851, 4-24-56, Cl. 100-4.  
 Frylund, Robert A., to Raytheon Mfg. Co. Controllable depth maintaining devices. 2,729,910, 1-10-56, Cl. 43-9.  
 Fryklund, Robert A., to the United States of America as represented by the Secretary of the Navy. Motor speed control system. 2,734,161, 2-7-56, Cl. 318-328.  
 Fryklund, Robert A., to Raytheon Mfg. Co. Echo-ranging devices. 2,750,574, 6-12-56, Cl. 340-3.  
 Fryklund, Robert A., to Raytheon Mfg. Co. Echo depth sounder alarms. 2,759,168, 8-14-56, Cl. 340-29.  
 Fryklund, Robert A., to Raytheon Mfg. Co. Three dimensional position-indicating system. 2,762,031, 9-4-56, Cl. 340-3.  
 Fryklund, Robert A., to Raytheon Mfg. Co. Multiple range instrument having change speed gearing to operate a movable indicator. 2,762,040, 9-4-56, Cl. 340-378.  
 Fryklund, Robert A., to Raytheon Mfg. Co. Electrical distance-measuring device. 2,769,160, 10-30-56, Cl. 340-3.  
 Fryling, Charles F., to Phillips Petroleum Co. Production of adhesive and adhesive bases from synthetic rubber latex by causing phase inversion with a protective colloid and adding organic solvent. 2,739,954, 3-27-56, Cl. 260-33.6.  
 Fuchs, Anton, to Halleiner Motorenwerke Hinterberger, Schreitt & Co. Drive arrangement, particularly for motor-cycles. 2,760,385, 8-28-56, Cl. 74-625.  
 Fuchs, Carl, to Volktelegraphische Zuercher Aktiengesellschaft. Shuttle replacing means for looms. 2,736,341, 2-28-56, Cl. 139-232.  
 Fuchs, Charles F.: *See*—  
     Epstein, Solomon, Fuchs, and Gladstone. 2,733,212.  
     Fuchs, Francis J., Jr., to Western Electric Co., Inc. Apparatus for making diagonal twisted or skew bends in wave guide tubing. 2,740,434, 4-3-56, Cl. 153-40.  
 Fuchs, Harold O., to Pickering Associates, Inc. Molded sound reproducer and method of making the same. 2,749,393, 6-5-56, Cl. 179-100.41.  
 Fuchs, Harry. Impulse motor. 2,770,742, 11-13-56, Cl. 310-21.  
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     Stelle, Allen M., Beemer, and Fuchs. 2,741,904.  
     Stelle, Allen M., Beemer, and Fuchs. 2,742,318.  
 Fuchs, Kurt, to Polak's Fruit Works, Inc. Musk odorant. 2,759,022, 8-14-56, Cl. 260-592.  
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     Fuchs, Richard, and Posch. 2,758,471.

- Fuchs, Reinhard, and E. J. Hochreiter, to The Budd Co. Panel structure, particularly letterboard for railway cars. 2,771,041, 11-20-56, Cl. 105-401.
- Fuchs, Richard, and O. Posch, to P. Fuchs Erste Naxos-schmirlgelfabrik Deutschlands. Hardness testing and measuring device. 2,758,471, 8-14-56, Cl. 73-78.
- Fuchsmann, Charles H., to International Minerals & Chemical Corp. Purification of magnesium chloride solutions. 2,759,794, 8-21-56, Cl. 23-81.
- Fucinati, Angelo M., to The H. A. Montgomery Co. Method and apparatus for applying lubricants to sheet metal. 2,774,684, 12-18-56, Cl. 117-65.
- Fudge, Robert J. Carrying containers. 2,739,727, 3-27-56, Cl. 220-4.
- Fuehring, Parnell W. Chopping device for harvesting machine. 2,745,454, 5-15-56, Cl. 146-117.
- Fuente, Benjamin: *See—*  
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- Fuerst, Carl, to Gleitsman's, Inc. Clothes hampers. 2,750,246, 6-12-56, Cl. 312-206.
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- Fuge, Harry B., to The Singer Mfg. Co. Electric clutch-brake driving devices. 2,735,524, 2-21-56, Cl. 192-18.
- Fuge, Harry B., to The Singer Mfg. Co. Support means for electric clutch-brake driving devices. 2,765,521, 9-18-56, Cl. 311-16.
- Fuge, Harry B., to The Singer Mfg. Co. Electric clutch-brake motors. 2,771,973, 11-27-56, Cl. 192-18.
- Fuglie, Elmer A., to Winona Tool Mfg. Co. Means for moving press-fit bushings out of or into cylindrical bearings. 2,738,955, 3-2-56, Cl. 29-56.
- Fuglie, Elmer A., to Winona Tool Mfg. Co. Non-sticking leak-proof valve. 2,738,158, 3-13-56, Cl. 251-309.
- Fuglie, Elmer A., to Winona Tool Mfg. Co. Crankshaft grinding device wheel mount. 2,771,719, 11-27-56, Cl. 51-168.
- Fuglie, Elmer A., and C. E. Weinmann, said Fuglie assignor to Winona Tool Mfg. Co. Stair climbing cart. 2,733,074, 1-31-56, Cl. 280-52.
- Fugitt, Robert E.: *See—*  
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- Fuhrer, Herbert, to E. J. Burke, Sr. Invalid bed. 2,755,488, 7-24-56, Cl. 5-69.
- Fuhrman, Jared C. Ladder. 2,738,120, 3-13-56, Cl. 228-23.
- Fuhringer, Rudolph W. Wire gate fastener. 2,747,909, 5-29-56, Cl. 292-247.
- Fuhrmann, Ernst: *See—*  
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- Porsche, Ferdinand A. E., and Fuhrmann. 2,756,067.
- Fuji Photo Film Co., Ltd.: *See—*  
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- Fujii, Isao. Rotary pump and motor fluid drive. 2,773,352, 11-11-56, Cl. 60-36.
- Fujita, Kisaku. Sewing machine. 2,757,626, 8-7-56, Cl. 112-158.
- Fukuoka, Noahiko: *See—*  
Mito, Sanai, Takeuchi, and Fukuoka. 2,763,759.
- Fuld, Fred, and T. A. Craig. Blanket construction. 2,729,831, 1-10-56, Cl. 5-336.
- Fulford Mfg. Co.: *See—*  
England, Theodore L. 2,750,642.
- Lombardi, Donato J., Jr. 2,767,452.
- Fulzer, Russell K., to Sylvia Electric Products Inc. Universal wafer stem cutter. 2,744,574, 5-8-56, Cl. 164-40.
- Fulk, James B., 1/2 to F. A. Ross. Web manifold method and apparatus. 2,773,688, 12-11-56, Cl. 270-18.
- Fulkerson, John F., and L. C. Cole. Toy atomic reactor. 2,762,165, 9-11-56, Cl. 46-229.
- Fuillam, John P., and S. Gyurik, to Jarry Hydraulics. Steering mechanism. 2,763,449, 9-18-56, Cl. 244-50.
- Fuller Brush Co., The: *See—*  
Crevier, Roger P. 2,734,210.
- Herrington, Warren G. 2,767,413.
- Le Febvre, Alfred L. 2,752,179.
- Park, Richard B. 2,755,495.
- Park, Richard B. 2,755,498.
- Rowland, Clarence G. 2,754,531.
- Fuller, Calvin S., to Bell Telephone Laboratories, Inc. Method for portraying p-n junctions in silicon. 2,740,700, 4-3-56, Cl. 41-42.
- Fuller, Calvin S., to Bell Telephone Laboratories, Inc. Method of fabricating semiconductors for signal translating devices. 2,771,382, 11-20-56, Cl. 148-15.
- Fuller, Charles H. Electric light bulb wrench. 2,766,060, 10-9-56, Cl. 294-20.
- Fuller Co.: *See—*  
Engelhart, George K. 2,733,909.
- Galle, Hans E. 2,734,782.
- Morrow, Joseph H. 2,740,672.
- Morrow, Joseph H. 2,769,544.
- Sayre, Howard S. 2,740,671.
- Fuller, Dennis Q., to Pye Ltd. Transformers and networks for tapping or branching cables carrying two or more frequency bands. 2,747,165, 5-22-56, Cl. 333-5.
- Fuller, Dennis Q., to Pye Ltd. Quartz crystal units. 2,771,561, 11-20-56, Cl. 310-9.0.
- Fuller & Emerson Mfg. Co.: *See—*  
Emerson, John R. 2,760,646.
- Fuller, George W.: *See—*  
Darmstadt, Louis J., and Fuller. 2,741,387.
- Fuller, James D. Window construction. 2,775,004, 12-25-56, Cl. 20-32.2.
- Fuller, Joseph: *See—*  
Gendreau, Joseph A., Fuller, and Domingue. 2,775,474.
- Fuller, Joseph A.: *See—*  
Toland, William C., Jr., and Fuller. 2,773,891.
- Fuller, Leonard, and J. A. Saper, to Varley Dry Accumulators Ltd. Electric secondary batteries. 2,738,374, 8-13-56, Cl. 136-7.
- Fuller, Lyle R. Grain bin hopper attachment. 2,745,573, 5-15-56, Cl. 222-153.
- Fuller, Mack F.: *See—*  
Bradley, Harris W., and Fuller. 2,754,326.
- Fuller, Mack F., to E. I. du Pont de Nemours and Co. Method of expanding polymeric compositions by the decomposition of p-carbomethoxy benzazide. 2,732,353, 1-24-56, Cl. 280-25.
- Fuller Mfg. Co.: *See—*  
Perkins, Charles M. 2,737,059.
- Perkins, Charles M. 2,738,690.
- Perkins, Charles M., and Visser. 2,763,290.
- Fuller, Norman C., to The Standard Oil Co. Furnace doors. 2,747,527, 2-29-56, Cl. 110-176.
- Fulmer, Norman C., to Allen B. Du Mont Laboratories, Inc. Television tuning system. 2,774,880, 12-18-56, Cl. 250-40.
- Fuller, Ross. Corner construction for luggage frames. 2,770,071, 11-27-56, Cl. 317-65.
- Fuller, Rufus W., and R. A. Cole, to Production Machine Co. Pressure-operated control for centerless grinding machines. 2,754,632, 7-17-56, Cl. 51-103.
- Fuller, Rufus W., and R. A. Cole, to Production Machine Co. Apparatus for rotating and axially feeding work. 2,747,527, 2-29-56, Cl. 51-215.
- Fuller, Wendell A., to Sarkes Tarzian, Inc. Tuning unit. 2,755,448, 7-17-56, Cl. 333-82.
- Fulton Mfg. Co.: *See—*  
Stringfield, Raymond B. 2,737,205.
- Fulton, John, to A. H. H. Traction device for vehicle wheels. 2,743,755, 5-1-56, Cl. 152-219.
- Fulmer, Norman C. Display frame. 2,747,311, 5-29-56, Cl. 40-156.
- Fulmer, Norman C. Display frame. 2,758,402, 8-14-56, Cl. 40-156.
- Fulmer Research Institute Ltd.: *See—*  
Gross, Philipp, and Levi. 2,760,857.
- Gross, Philipp, and Levi. 2,764,480.
- Fulper, John H., to Screw Conveyor Corp. Vehicle dumping apparatus. 2,761,573, 9-4-56, Cl. 214-49.
- Fulton, Albert L., and R. R. Bennett, to Hughes Aircraft Co. Low frequency random-noise generator. 2,773,185, 12-4-56, Cl. 250-36.
- Fulton Co., The: *See—*  
Mitchell, Harry A., and Riemann. 2,768,848.
- Riemann, Howard C. 2,747,838.
- Riemann, Howard C. 2,768,839.
- Strand, Steen. 2,747,893.
- Fulton, George P., to United Aircraft Corp. Lubricating means. 2,747,945, 5-29-56, Cl. 308-77.
- Fulton, Nell L., and C. W. Knight. Portable illuminated roll-type map. 2,773,826, 10-2-56, Cl. 40-86.
- Fulton, Stewart C.: *See—*  
Stewart, Joseph, Fulton, and Langer. 2,772,209.
- Fulton, William C., to The American Oil Co. Odorless solvent naphtha. 2,764,621, 9-25-56, Cl. 260-676.
- Fults, Elmer H.: *See—*  
Beeble, Paul W., Fults, Edwards, and Hockett. 2,767,146.
- Fultz, Palmer: *See—*  
Hersee, Albert C. 2,761,447.
- Fumia, Arthur, to The Gleason Works. Wheel dressing device. 2,771,871, 11-27-56, Cl. 125-11.
- Fund-Del Inc.: *See—*  
Will, Theodore. 2,765,072.
- Will, Theodore. 2,765,194.
- Funderburk, Joe C.: *See—*  
Drew, John, and Funderburk. 2,739,947.
- Drew, John, and Funderburk. 2,739,961.
- Funderburk, Luther O., Jr. Weighing and transferring apparatus. 2,739,804, 3-27-56, Cl. 265-52.
- Fundom, Doris J.: *See—*  
Fundom, Earl H. 2,772,881.
- Fundom, Earl H., deceased, and D. J. Fundom, executrix. Exercising device. 2,772,881, 12-4-56, Cl. 272-58.
- Funk, Carl E. Fence brace and tensioning means. 2,732,182, 1-24-56, Cl. 256-37.
- Funk, Charles E., Jr.: *See—*  
Beeble, Lindley C., Funk, and Hook. 2,737,492.
- Funk, Harry C.: *See—*  
Snyder, Clifford H., and Funk. 2,740,618.
- Funk, Harry C. Apparatus for the continuous underground mining of coal. 2,743,092, 4-24-56, Cl. 262-7.
- Funk, Marlow J. Illuminated umbrella handle. 2,734,124, 2-7-56, Cl. 240-642.
- Funk, Truman B., to Yard-Man, Inc. Lawn mower construction. 2,742,750, 4-24-56, Cl. 56-25.4.
- Funk, Truman B., to Yard-Man, Inc. Lawn mower construction. 2,748,553, 6-5-56, Cl. 56-25.4.
- Funk, Welker W., to Food Machinery and Chemical Corp. Agricultural pesticide distributing apparatus. 2,770,070, 11-13-56, Cl. 43-148.
- Funk, William: *See—*  
Evans, Llewellyn W., and Funk. 2,737,389.
- Funk, Albert, to Societe des Usines Chimiques Rhone-Poulenc. Bis (2-aminoalkyl-comumarin) derivatives and intermediates. 2,765,317, 10-2-56, Cl. 260-294.7.



- Funkhouser, Hayes W. Reserve fuel supply device. 2,734,561, 2-14-56, Cl. 35-36.3.
- Funkhouser, Mearick: See—  
Bertsch, Joseph F., Funkhouser, and Jackson. 2,761,425.  
Brundrett, George A., and Funkhouser. 2,740,500.
- Funkhouser, Mearick, and G. A. Brundrett, to General Motors Corp. Shock absorber control valve. 2,732,059, 1-24-56, Cl. 188—100.
- Funston, Frederick D., to Bendix Aviation Corp. Hydraulically controlled variable stroke. 2,754,806, 7-17-56, Cl. 121-41.
- Fuqua, John H., W. F. Jicha, and E. Veselik, to Calumet Steel Castings Corp. Ferrous chrome alloy. 2,773,761, 12-11-56, Cl. 75-126.
- Fuqua, Lloyd T., to General Motors Corp. Pre-focus type light bulb mounting. 2,734,994, 2-14-56, Cl. 240-41.
- Fuqua, Mack C.: See—  
Hammer, Glen P., Jones, McDaniel, and Fuqua. 2,775,576.
- Jones, Thomas G., Fuqua, and Downs. 2,757,200.
- Jones, Thomas G., Hammer, and Fuqua. 2,757,206.
- Fuqua, Robert N. Artificial fish bait. 2,734,301, 2-14-56, Cl. 43-42.05.
- Fuqua, Robert P. Load weighing and supporting mechanism. 2,756,983, 7-31-56, Cl. 265-40.
- Furey, Dan J.: See—  
Gamble, Edward A. 2,765,583.
- Furey, George B., to Indiana Commercial Filters Corp. Universal magnetic clarifier. 2,772,778, 12-4-56, Cl. 210-1.5.
- Furlong, George C. Airplane wing with stabilizing leading-edge chord-extensions. 2,769,602, 11-6-56, Cl. 244-40.
- Furman, Frank J.: See—  
Mills, Albert W., Furman, and Rabenda. 2,734,610.
- Furman, Frank J., to International Business Machines Corp. Transfer posting machine. 2,737,884, 3-13-56, Cl. 101-134.5.
- Furman, Frank J., and H. J. Kistner, H. L. Read, and W. W. Wagner, to International Business Machines Corp. Machine for punching and sorting postal money order cards. 2,745,493, 5-15-56, Cl. 164-113.
- Furman, Frank J., and J. Sedor, to International Business Machines Corp. Re-inking ribbon spool. 2,761,539, 9-4-56, Cl. 197-171.
- Furman, Frank J., W. W. Wagner, and K. E. Rhodes, to International Business Machines Corp. Variable multi-line printer. 2,767,646, 10-23-56, Cl. 101-93.
- Furman, Kenneth E.: See—  
Finch, Harry De V., and Furman. 2,763,696.
- Furman, Kenneth E., and P. C. Watt, Jr., to Shell Development Co. Digestion of ligno-cellulose material with halogen-substituted saturated aliphatic aldehydes. 2,760,861, 8-28-56, Cl. 92-2.
- Furnas Electric Co.: See—  
Hansen, Gilbert H., Koertze, and White. 2,747,035.
- Koertze, Nobel H. 2,748,208.
- Furness, William H., to Copper Research. Copper bearing antifouling shipbottom paints. 2,738,283, 3-13-56, Cl. 106-12-36.
- Furness, William H., to American Viscose Corp. Apparatus for handling strand material. 2,765,071, 10-2-56, Cl. 203-327.
- Furness, William H., to American Viscose Corp. Transfer apparatus for thread-advancing reels. 2,765,904, 10-9-56, Cl. 203-200.
- Furniss, Hans: See—  
Koch, Heinrich, Furniss, and Möllering. 2,766,753.
- Furniss, Lorette E., to E. R. Hauer and F. T. Herter. Railway coupler operating rod. 2,757,805, 8-7-56, Cl. 213-166.
- Furrer, John R., to ACF Industries, Inc. Three prong resilient coupling device. 2,743,943, 5-1-56, Cl. 280-485.
- Furrer, John R., to ACF Industries, Inc. Reversible suspension for railway cars. 2,756,688, 7-31-56, Cl. 105-4.
- Fürst, Stefan, to W. Reiners. Thread winding apparatus. 2,733,870, 2-7-56, Cl. 242-35.6.
- Fürst, Stefan, to W. Reiners. Clamping device for automatic coil winding machine. 2,743,877, 5-1-56, Cl. 242-35.6.
- Fürst, Stefan, to W. Reiners. Spool supply apparatus for textile machines. 2,752,102, 6-26-56, Cl. 242-35.6.
- Fürst, Stefan, to W. Reiners. Thread-fault responsive control apparatus for coil winding machines. 2,752,103, 6-26-56, Cl. 126-32-36.
- Fürst, Stefan, to W. Reiners. Apparatus for controlling the thread feeder means of a textile machine. 2,752,104, 6-26-56, Cl. 242-36.
- Fürst, Stefan, to W. Reiners. Apparatus for removing an end of a thread from a spool. 2,753,857, 7-24-56, Cl. 164-47.
- Fürst, Stefan, to W. Reiners. Method for sucking up thread ends of cross-wound bobbins. 2,758,799, 8-14-56, Cl. 242-35.6.
- Furst, Stefan, to W. Reiners. Thread cleaning process and apparatus. 2,763,913, 9-25-56, Cl. 28-68.
- Furst, Stefan, to W. Reiners. Thread transporting mechanism. 2,769,599, 11-6-56, Cl. 242-35.6.
- Fürst, Stefan, and W. Reiners: said Fürst assor. to said Reiners. Thread winding apparatus. 2,736,505, 2-28-56, Cl. 242-36.
- Furst, Stefan, and W. Klipper, to W. Reiners. Suction device for holding the thread ends of full bobbins. 2,750,125, 6-12-56, Cl. 242-35.6.
- Furst, Stefan, and H. Beckers, to W. Reiners. Thread tensioning device. 2,754,071, 7-10-56, Cl. 242-134.
- Furumizo, Robert T. Staple remover. 2,741,457, 4-10-56, Cl. 254-28.
- Furzehill Laboratories: See—  
Milsom, Frederick R. 2,729,779.
- Fus, Walter. Method of mounting stones in jewelry. 2,749,597, 6-12-56, Cl. 29-10.
- Fusca, Emil A.: See—  
Raymond, Richard F., and Fusca. 2,758,042.
- Fusca, James T. Trailer coupling preventing safety means. 2,730,377, 1-10-56, Cl. 280-432.
- Fuschl, Antonio T. Tractor-trailer fifth wheel coupling safety means. 2,736,573, 2-28-56, Cl. 280-432.
- Fusco, Victor C., to Olin Mathieson Chemical Corp. Selective removal of acetylene from acetylene-ethylene mixtures. 2,752,411, 4-17-56, Cl. 260-677.
- Fuson, Reynold C., and W. Shive, to the United States of America as represented by the Secretary of War. Preparation of cacodyl and cacodyl oxide. 2,756,245, 7-24-56, Cl. 260-440.
- Fusselman, Kenneth C. Combined pounding toy and stool. 2,768,471, 10-30-56, Cl. 46-1.
- Futterknecht, Rudolf, to Nassau Distributing Co., Inc. Ionization-measuring instrument. 2,741,706, 4-10-56, Cl. 250-83.6.
- Futterknecht, Rudolf, to Nassau Distributing Co., Inc. Ionization-measuring instrument. 2,741,707, 4-10-56, Cl. 250-83.6.
- Futterman, Julius, to Precision Apparatus Co., Inc. Apparatus for testing cathode ray tubes. 2,732,526, 1-24-56, Cl. 32-44.
- Futterman, Julius. Amplifier. 2,773,136, 12-4-56, Cl. 179-171.
- Futterman, Louis, to Gem Thermometer Co. Device for shaking-down medical thermometers. 2,753,716, 7-10-56, Cl. 73-373.
- Fye, Ronald L., to McLanahan & Stone Corp. Log washer. 2,752,161, 7-3-56, Cl. 259-110.
- Fyffe, Robert J.: See—  
Marcy, Henry T., and Fyffe. 2,758,812.
- Fyler, George W., to Motorola, Inc. Television receiver antenna input circuit. 2,735,988, 2-21-56, Cl. 333-70.
- Fyler, Norman E., to the United States of America as represented by the Secretary of the Navy. Dark trace cathode ray tube. 2,755,407, 7-17-56, Cl. 315-1.
- Fyock, Roy L. Anchor handling apparatus. 2,734,475, 2-14-56, Cl. 114-210.
- Fyr-Fyter Co.: See—  
Allen, Scott E. 2,737,797.
- Beebe, Frederick L., and Somers. 2,753,945.
- Clifford, Wilfred J. 2,769,500.
- G. K. N. Group Services Ltd.: See—  
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- G. M. E. Corp.: See—  
Greer, Edward M., and Mercier. Re. 2,743,238.
- Mercier, Jean and J. H. 2,770,297.
- G-M Laboratories, Inc.: See—  
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- Kitto, William H. 2,759,308.
- McMaster, Archie J., and Kitto. 2,775,075.
- G. M. Pfaff A. G.: See—  
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- Schumann, Herbert, and Clauss. 2,733,676.
- G. & W. Electric Specialty Co.: See—  
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- Nicholas, James H. 2,748,184.
- Gaar, Fielding S., and R. A. Reck, to Armour and Co. Substituted trimethylene diamines. 2,759,021, 8-14-56, Cl. 260-570.6.
- Gaarder, Herbert M., to Wilson & Co., Inc. Filter and method of making same. 2,772,195, 11-27-56, Cl. 154-101.
- Gabbett, James E., Jr., and N. C. Robertson, to National Research Corp. Production of acrylonitrile. 2,762,834, 9-11-56, Cl. 260-465.3.
- Gablan Iron and Machine Co.: See—  
Renault, Jean C. 2,737,103.
- Gable, Howard S., and G. W. Kerr: said Kerr assor. to said Gable. Method of producing cyanuric acid. 2,729,637, 1-3-56, Cl. 260-248.
- Gable, John W.: See—  
Gable, Paul T. and J. W. 2,760,299.
- Gable, Paul T., and J. W.: said J. W. Gable assor. to P. T. Gable, Paul T., and J. W. 2,760,299, 8-28-56, Cl. 45-24.
- Gabler, Robert J. Condiment dispensers. 2,773,628, 12-11-56, Cl. 222-142.1.
- Gabler, Rudolf, and P. Kümmel, to Inventa A. G., Forschung und Patentverwertung Luzern. Polyamides containing chromium stroms as light stabilizers. 2,739,139, 3-20-56, Cl. 260-45.75.
- Gables, Hall M. Interference eliminators. 2,736,846, 2-28-56, Cl. 317-230.
- Gabor, Dennis, to National Research Development Corp. Improvements in and relating to optical apparatus for producing multiple interference patterns. 2,770,166, 11-13-56, Cl. 88-39.
- Gabor, William D., to C. G. S. Laboratories, Inc. Variable inductance control method and apparatus. 2,755,446, 7-17-56, Cl. 333-18.
- Gabriel Co., The: See—  
Koski, Jerry, and Schwary. 2,729,308.
- Whisler, Ralph H., Jr. 2,753,958.
- Gabriel, Daniel. Hypodermic syringes. 2,752,919, 7-3-56, Cl. 128-218.
- Gabriel, Saml. Sons & Co.: See—  
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- Gabrielson, Elmer T. Form for hollow concrete walls. 2,739,363, 3-27-56, Cl. 25-131.

- Gabrielson, Samuel: *See*—  
 Bakke, Hans A., and Gabrielson. 2,746,302.  
 Gabrielson, Samuel L., and R. W. Coates, to General Electric Co. Clothes wringer release mechanism. 2,729,963, 1-10-56, Cl. 68—249.  
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 Gadd, Charles W., to General Motors Corp. Displacement pick-up device. 2,730,895, 1-17-56, Cl. 73—70.  
 Gadd, Charles W., to General Motors Corp. Vibration pick-up device. 2,764,020, 9-25-56, Cl. 73—71.4.  
 Gadd, Charles W., to General Motors Corp. Engine oil pan. 2,764,136, 9-25-56, Cl. 121—194.  
 Gadd, Charles W., and J. A. Corrivreau, to General Motors Corp. Combustion chamber pressure indicator. 2,741,128, 4-10-56, Cl. 73—398.  
 Gadd, Ronald O. C., to United Shoe Machinery Corp. Heel attaching machines. 2,740,118, 4-3-56, Cl. 1—32.  
 Gaddie, Rutherford H. Velocipede with steerable rear wheels. 2,764,423, 9-25-56, Cl. 280—269.  
 Gaddis, Glen D. Coin control switch. 2,736,414, 2-28-56, Cl. 194—9.  
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 Gaekke, Lee B., to Daisy Mfg. Co. Poppun. 2,729,208, 1-3-56, Cl. 124—12.  
 Gaenssle, Paul W., to The Budd Co. Mounting means for disk brake operating mechanism. 2,760,601, 8-28-56, Cl. 188—59.  
 Gaenzle, Luther E.: *See*—  
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 Gaertner, George W.: *See*—  
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 Gaertner, Richard. Split ring tubular hand milkier device. 2,737,151, 3-6-56, Cl. 119—14.22.  
 Gaertner, Van R., to Monsanto Chemical Co. Halohydroquinones and preparation thereof. 2,750,427, 6-12-56, Cl. 260—623.  
 Gaertner, Van R., to Monsanto Chemical Co. Preparation of halobenzoquinones. 2,773,883, 12-11-56, Cl. 260—396.  
 Gaeta, Leigh. Automatic opening means for fire extinguishers. 2,754,914, 7-17-56, Cl. 169—31.  
 Gaeta, George O., to W. J. Burke & Co. Spacing nut for use with form clamps. 2,733,496, 2-7-56, Cl. 25—131.  
 Gaetti, Robert B., and W. S. Pittman. Oyster opening apparatus. 2,738,546, 3-20-56, Cl. 17—9.  
 Gaetzl, Karl, and P. Müller, to J. R. Geigy A. G. Basic phosphoric acid esters. 2,736,726, 2-28-56, Cl. 260—247.1.  
 Gaudin, Francis J., and H. A. Finke, to Polytechnic Research and Development Co. Inc. Shielded-line tunable resonator. 2,748,276, 5-29-56, Cl. 250—36.  
 Gaffney, John E. Shower pipe orifice cleaner. 2,753,210, 7-3-56, Cl. 299—59.  
 Gagarine, Dmitry M., and H. Repokis, to Deering Milliken Research Corp. Composition and method for hydrophobizing of textiles. 2,750,305, 6-12-56, Cl. 117—103.  
 Gagarine, Dmitry M., and H. Repokis, to Dan River Mills, Inc. Acrolein-formaldehyde condensation products and process of applying the same to cellulose fabric. 2,771,537, 11-20-56, Cl. 8—116.4.  
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 Gage, Edwin G., to Gilbertville Woven Label Corp. Automatic cutting machine. 2,752,999, 7-3-56, Cl. 164—61.  
 Gage, Edwin G., to Gilbertville Woven Label Corp. Sharpening device for cutting wheels. 2,766,566, 10-16-56, Cl. 51—248.  
 Gage, Hugh B.: *See*—  
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 Gage, James F., C. W. Miller, and H. E. Todd, to General Motors Corp. Calibrating and testing apparatus. 2,741,737, 4-10-56, Cl. 324—24.  
 Gage, Milton G., and T. L. Filter tip cigarette. 2,747,579, 5-29-56, Cl. 131—4.  
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 Wender, Simon H., Gage, Ice, and Morris. 2,744,893.  
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 Gagerst, Louis, to James Hunter Machine Co. Expander and contractor roll. 2,771,657, 11-27-56, Cl. 26—63.  
 Gagle, Duane W., and C. E. Defabough, to Phillips Petroleum Co. Bitumen and aggregate composition and a building block molded therefrom. 2,775,530, 12-25-56, Cl. 106—280.  
 Gagliano, Francis P., to Secom Metals Corp. Recovery of gold from scrap containing it. 2,735,810, 2-21-56, Cl. 204—110.  
 Gagliardo, John P.: *See*—  
 Gurney, Gordon T., and Gagliardo. 2,753,003.  
 Gaglio, Oswald. Correcting device for the timing of the ignition in internal combustion engines. 2,742,884, 4-24-56, Cl. 123—117.  
 Gagnan, Emile, to La Spirotechnique. Breathing apparatus. 2,747,572, 5-29-56, Cl. 128—142.  
 Gagan, Emile, to La Spirotechnique, Societe Anonyme. Automatic reviving apparatus. 2,767,706, 10-23-56, Cl. 128—29.  
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 Gagnon, Louis L.: *See*—  
 Petri, Jan E., and B. P. and L. L. Gagnon. 2,758,508.  
 Gagnon, Louis L., to American Optical Co. Ophthalmic mounting. 2,749,800, 6-12-56, Cl. 88—47.  
 Gagnon, Marcel A.: *See*—  
 Gagnon, Robert E. 2,735,357.  
 Gagnon, Paul V.: *See*—  
 Gagnon, Robert E. 2,735,357.  
 Gagnon, Robert E., 1/5 to P. V. Gagnon, and 1/5 to M. A. Gagnon. Cooking apparatus turnover device. 2,735,357, 2-21-56, Cl. 99—409.  
 Gahagan, Kenneth N.: *See*—  
 Weyl, Bernard A., and Gahagan. 2,755,894.  
 Gail, Stuart E., to Jack & Heintz, Inc. Vibration damper. 2,738,660, 3-30-56, Cl. 64—1.  
 Gail, William, Jr.: *See*—  
 Crittenden, Lexie R., and Gail. 2,747,313.  
 Gailliot, Paul: *See*—  
 Bulson, Paul C., Gailliot, and Gaudechon. 2,769,002.  
 Gailliot, Paul, and J. Gaudechon, to Societe des Usines Chimiques Rhone-Poulenc. Chlorthophylline salt of dimethylaminopropylchlorophenanthiazine. 2,734,057, 2-7-56, Cl. 260—243.  
 Gailliot, Paul, and J. Robert, to Societe des Usines Chimiques Rhone-Poulenc. Phenylazobenzalkyl-sulfonates and processes. 2,738,349, 3-13-56, Cl. 260—243.  
 Gailliot, Paul, and F. Debarre, to Societe des Usines Chimiques Rhone-Poulenc. 4,0,0-diphenyl-phosphorylamino-antipyrin and process for its production. 2,744,912, 5-8-56, Cl. 260—310.  
 Gailliot, Paul, and J. Gaudechon, to Societe des Usines Chimiques Rhone-Poulenc. Phenoxy-alkylamino-alkylphenothiazines. 2,768,164, 10-23-56, Cl. 260—243.  
 Gailloud, Louis, to Ateliers des Charmilles S. A. Motor-pump unit. 2,766,695, 10-16-56, Cl. 103—87.  
 Gaines, Bernard, and M. Goldman. Strainer-protector for drinking vessels. 2,753,049, 7-3-56, Cl. 210—163.  
 Gaines, Eugene F.: *See*—  
 Sorenson, Stanley E. 2,761,142.  
 Sorenson, Stanley E. 2,765,465.  
 Gaines, Eugene F. Fastener driving implements. 2,765,466, 10-9-56, Cl. 41—446.  
 Gaines, John M., to Union Carbide and Carbon Corp. Gas shielded metal arc welding. 2,768,278, 10-23-56, Cl. 219—74.  
 Gaines, Tom, to The Texas Co. Blasting of underground formations. 2,750,884, 6-19-56, Cl. 102—20.  
 Gainer, Robert P. Hook positioner. 2,732,244, 1-24-56, Cl. 294—82.  
 Gains, Wilfred C., to Chemical Construction Corp. Removal of organic sulfur compounds from gases. 2,762,452, 9-11-56, Cl. 183—114.2.  
 Gair, Bernard L., to Dental Spot-Welder, Inc. Dental spot-welder. 2,772,345, 11-27-56, Cl. 219—86.  
 Gair, Albert W.: *See*—  
 Booth, James H., and Gair. 2,771,301.  
 Booth, James H., and Gair. 2,771,302.  
 Gaire, Paul E. Magnifier for slide rules. 2,746,346, 5-22-56, Cl. 88—39.  
 Gaire, Paul E. Slide rule magnifiers. 2,746,347, 5-22-56, Cl. 88—39.  
 Gair, Robert, Co., Inc.: *See*—  
 Kleiber, Norman. 2,757,850.  
 Moore, Lawrence A. 2,738,663.  
 Moore, Lawrence A. 2,755,711.  
 Ohlund, Wilfred. 2,749,019.  
 Vahle, Raymond. 2,746,362.  
 Van Rosen, Robert E. 2,741,418.  
 Van Rosen, Robert E., and Manizza. 2,753,103.  
 Weiss, Arthur J. 2,760,711.  
 Weiss, Arthur J. 2,768,776.  
 Gaiser, Romey A., to Libbey-Owens-Ford Glass Co. Electroconductive article. 2,741,570, 4-10-56, Cl. 117—211.  
 Gaiser, Romey A., to Libbey-Owens-Ford Glass Co. Method of producing filmed and tempered glass sheets. 2,746,210, 5-22-56, Cl. 49—79.  
 Gaiser, Romey A., to Libbey-Owens-Ford Glass Co. Method of producing mirrors. 2,770,558, 11-13-56, Cl. 117—35.  
 Galt Anderson Co.: *See*—  
 Anderson, John. 2,746,237.  
 Gatte, Harold D., to British Telecommunications Research Ltd. Step-by-step linear drive. 2,754,116, 7-10-56, Cl. 271—2.5.  
 Gatte, Harold D., to British Telecommunications Research Ltd. Step-by-step linear drive. 2,768,826, 10-30-56, Cl. 271—2.5.  
 Gatte, Harold D., to British Telecommunications Research Ltd. Mechanisms for producing step-by-step linear drive. 2,772,325, 11-27-56, Cl. 178—17.  
 Gaither, Raymond A.: *See*—  
 Onksen, George W., Cole, and Gaither. 2,762,912.  
 Gaither, Raymond A., to General Motors Corp. Vehicle lamp. 2,762,908, 9-11-56, Cl. 240—41.  
 Gaither, Raymond A., and G. W. Onksen, to General Motors Corp. Composite beam vehicle headlamp. 2,767,306, 10-16-56, Cl. 240—41.3.



- Gál, Endre, and K. Gerber, to "Licencia" Talamanyokat Ertekesito Vállalat. Drive mechanisms for percussion tools operated by a pressure medium. 2,773,483, 12-11-56, Cl. 13-30.
- Galagher, Abbott S., and J. T. Trenholm, to Emmons Loom Harness Co. Heddle frames. 2,774,387, 12-18-56, Cl. 139-92.
- Galanot, Camille P. Traction device. 2,755,146, 7-17-56, Cl. 305-10.
- Galanty, Harold E.: *See—*
- Bruns, William H., and Galanty. 2,761,038.
- Galanty, Harold E., to Otis Elevator Co. Elevator position or signal indicating circuit. 2,741,755, 4-10-56, Cl. 340-21.
- Gale, Alexander. Preparation of paraformaldehyde. 2,775,619, 12-25-56, Cl. 260-615.
- Galos, Ferdinand B. Simulated baseball game. 2,775,457, 12-25-56, Cl. 273-89.
- Galbraith, Alexander, and J. Cleiff,  $\frac{1}{2}$  to Scottish Aluminium Ware Ltd. Ventilation devices or louvers. 2,755,729, 7-24-56, Cl. 98-40.
- Galbraith, John F., to Union Carbide and Carbon Corp. Welding rod holder. 2,756,310, 7-24-56, Cl. 219-8.
- Galbraith, John F., W. H. Helmbrecht, and R. R. Lobosco, to Union Carbide and Carbon Corp. Metal arc welding apparatus. 2,773,970, 12-11-56, Cl. 219-131.
- Galbraith, Martin, and W. T. Burbank, to Southerland Paper Co. Apparatus for testing abrasion resistance of printed surfaces. 2,734,375, 2-14-56, Cl. 73-7.
- Galbreath, Louise. Universal bobbin for rotary, domestic sewing machines. 2,771,849, 11-27-56, Cl. 112-251.
- Galbreath, Richmond B., and R. H. Stewart, Jr., to Pan-Am Southern Corp. Process for continuous fluid coking. 2,739,104, 3-20-56, Cl. 202-17.
- Galbreath, Robert H. Simulated bowling game device. 2,772,884, 12-4-56, Cl. 273-127.
- Galbrecht, Frank I.: *See—*
- Sabel, Edward R., and Galbrecht. 2,752,443.
- Gale, David, to the United States of America as represented by the Secretary of the Navy. Computer. 2,743,436, 4-24-56, Cl. 343-5.
- Gale, Richard J., to the United States of America as represented by the Secretary of the Army. Cathode ray phase multiplier. 2,757,337, 7-31-56, Cl. 324-85.
- Gale, Ronald, to Silver King Corp. Change making machine. 2,754,951, 7-17-56, Cl. 194-91.
- Gale, Ronald. Refrigeration unit for cooling and dispensing bottled beverages. 2,756,570, 7-31-56, Cl. 62-141.
- Gale, Ronald, to Universal Vendor Co. Dispensing or vending machine. 2,770,393, 11-13-56, Cl. 221-67.
- Gale, William S., to McCord Corp. Flux and method of soldering with same. 2,756,497, 7-31-56, Cl. 29-495.
- Galey, William F., to Pittsburgh Plate Glass Co. Plastic polishing runner. 2,757,491, 8-7-56, Cl. 51-195.
- Galek, Stephan. Borer pin for hay balers. 2,737,108, 3-6-56, Cl. 10-10.
- Gallagher Co., The: *See—*
- Potts, John T. 2,767,964.
- Sayers, Marshall J. 2,756,877.
- Gallin, Harry, and L. Reiss. Combined selecting and ejecting mechanism for multiple vending machines. 2,735,580, 2-21-56, Cl. 221-127.
- Galin, Robert: *See—*
- Gaugler, Richard S., and Galin. 2,772,542.
- Galinski, Leo, to General Patent Corp. Automatic clutches for motor-driven gears. 2,760,092, 8-21-56, Cl. 310-83.
- Galion Iron Works & Eng. Co.: *See—*
- Fink, Robert C. 2,752,832.
- Galis, Alexander J. Continuous mining machine having a plurality of vertically spaced cutters. 2,753,168, 7-3-56, Cl. 262-9.
- Galkin, Joseph. Puller feed carrier attachment. Re. 24,121, 2-21-56, Cl. 112-214.
- Galkin, Joseph. Portable thread severing attachment for sewing machines. 2,731,930, 1-24-56, Cl. 112-252.
- Galkin, Joseph. Double ruffling mechanism for sewing machines. 2,747,531, 5-29-56, Cl. 112-132.
- Galkin, Joseph, to The Sizing Mfg. Co. Disposable dust bags for vacuum cleaners. 2,732,911, 1-31-56, Cl. 183-51.
- Gall, George R., to G. R. Gall, Jr. Window. 2,731,681, 1-24-56, Cl. 20-12.
- Gall, George R., Jr.: *See—*
- Gall, George R. 2,731,681.
- Gall, John R., and H. Miller, to The Pennsylvania Salt Mfg. Co. Fluorine cell. 2,739,114, 3-20-56, Cl. 204-243.
- Gall, John F., and H. C. Miller, to The Pennsylvania Salt Mfg. Co. Fluorine cell. 2,739,115, 3-20-56, Cl. 204-243.
- Gall, Ralph J.: *See—*
- Greenspan, Frank P., and Gall. 2,745,848.
- Greenspan, Frank P., and Gall. 2,774,774.
- Galla, Michael J., to General Motors Corp. Hinged fender skirt. 2,757,018, 7-31-56, Cl. 280-153.
- Gallagher, Clarence C. Fishhook leader. 2,766,547, 10-16-56, Cl. 43-42.
- Gallagher, Cornelius A.: *See—*
- Neumann, Karl L., and Gallagher. 2,769,089.
- Gallagher, Stephen F.: *See—*
- Nagode, Henry S. 2,741,239.
- Gallagher, William P., and P. B. Gielik, to International Electric Co. Combined electric motor and buzzer construction. 2,752,592, 6-26-56, Cl. 340-393.
- Galland, Opal E. Fruit picking bucket. 2,734,542, 2-14-56, Cl. 150-2.
- Gallant, Albert L., to The Foxboro Co. Ribbon indicator instrument. 2,744,489, 5-8-56, Cl. 116-129.
- Gallatin, Victor, and J. C. Gould, to Federal-Mogul Corp. Bearing alloy. 2,760,860, 8-28-56, Cl. 75-144.
- Gallavardin, Jean A. M. L.: *See—*
- Gloess, Paul E. M., and Gallavardin. 2,770,417.
- Gallay, Harry M., and F. Hoffacker, Jr., to Fairchild Engine and Airplane Corp. Aircraft heating, ventilating, and anti-icing system. 2,737,874, 3-13-56, Cl. 98-38.
- Gallay, Robert. Brake pressure apportioning device. 2,754,938, 7-17-56, Cl. 188-152.
- Gallay, Robert H. Lifting device for motor vehicles. 2,749,933, 7-17-56, Cl. 187-8-56.
- Galle, Hans E., to Fuller Co. Pneumatic conveyors. 2,734,782, 2-14-56, Cl. 302-53.
- Galle, Hans E., to F. L. Smith & Co. Apparatus for discharging pulverulent material. 2,735,725, 2-21-56, Cl. 302-11.
- Galleé, Stanislaus, to International Standard Electric Corp. Method of manufacturing cylindrical self-induction coils comprising a ceramic core as a carrier for the winding. 2,751,666, 6-26-56, Cl. 29-155-58.
- Galler, Edward A., to The Cushman Chuck Co. Universal chuck of the center-adjustable and self-locking type. 2,767,993, 10-23-56, Cl. 279-116.
- Galley, Gordon W., to Unilever Ltd. Servo mechanisms. 2,770,975, 11-20-56, Cl. 74-96.
- Galley, Fred C.: *See—*
- Galli, Leon C., and Gallie, Ernest J., and Gallie. 2,748,224.
- Galli, Leon C., to Galli Stomach Powders (Australasia) Ltd. Device for use in dissolving flowable substances. 2,763,408, 9-18-56, Cl. 222-436.
- Galli Stomach Powders (Australasia) Ltd.: *See—*
- Gallimore, Keith F., to Giddings & Lewis Machine Tool Co. Motor control system for machine tools. 2,735,975, 2-21-56, Cl. 318-443.
- Gallimore, Keith F., to Giddings & Lewis Machine Tool Co. Lubricating system for machine tools. 2,762,269, 9-11-56, Cl. 99-11.
- Gallimore, Keith F., to Giddings & Lewis Machine Tool Co. Multi-speed transmission for machine tools. 2,774,250, 12-18-56, Cl. 74-364.
- Gallimore, Keith F., and G. H. Schuriger, to Giddings & Lewis Machine Tool Co. Machine tool. 2,730,021, 1-10-56, Cl. 90-16.
- Gallingani, Luigi: *See—*
- Monti, Enzo, and Gallingani. 2,748,739.
- Gallo, Albert M. Ice making machine. 2,746,262, 5-22-56, Cl. 62-7.
- Gallo, Ella A.: *See—*
- Barrett, Hillard E., and Gallo. 2,731,039.
- Gallo, Ella A., and H. D. Hoffman, to Curtiss-Wright Corp. Fluid flow regulating mechanism responsive to a control pressure. 2,766,579, 10-16-56, Cl. 60-35-6.
- Gallo, Joseph H., to Curtiss-Wright Corp. Simulated radio range tuning control. 2,730,815, 1-17-56, Cl. 35-10-2.
- Galloup, Charles I. Leak detecting and sealing device. 2,743,743, 5-1-56, Cl. 138-97.
- Galloway, Ethan C., to The Dow Chemical Co. Process for making dialkyl (3-indolylmethyl) malonates. 2,769,814, 1-6-56, Cl. 260-319.
- Galloway, Francis L. Die for cutting threads on non-metallic articles. 2,757,393, 8-7-56, Cl. 10-118.
- Galloway, Harold O. Clamp buckle. 2,731,697, 1-24-56, Cl. 24-273.
- Galloway, Robert K.: *See—*
- Reilly, Charles L., and Galloway. 2,749,118.
- Galloway, Robert K., to Food Machinery and Chemical Corp. Operating mechanism for filling valves. 2,768,658, 10-30-56, Cl. 141-142.
- Galloway, Robert K., to Food Machinery and Chemical Corp. Liquid measuring and dispensing apparatus. 2,770,397, 11-13-56, Cl. 222-168-5.
- Galloway, Robert K., to Food Machinery and Chemical Corp. Filling valve. 2,770,404, 11-13-56, Cl. 222-448.
- Galloway, Victor A. Locking means for doors of garbage dump trucks or the like. 2,752,194, 6-26-56, Cl. 298-23.
- Gallowuher Chemical Corp.: *See—*
- Cohen, Sylvan, and Gallowuher. 2,774,708.
- Gallusser, Hans, to Ateliers Des Charmilles S. A. Method and apparatus for reducing iron ores by means of methane gas. 2,739,055, 3-20-56, Cl. 75-103.
- Galonska, David A.: *See—*
- Reilly, William L., and Galonska. 2,756,717.
- Galperin, Boris M. Pressure gauge. 2,770,134, 11-13-56, Cl. 73-390.
- Galstaun, Lionel S.: *See—*
- Draemel, Frederick C., Galstaun, and Hall. 2,761,818.
- Galvez, Francisco,  $\frac{1}{2}$  to J. C. Novack. Power hammers. 2,772,858, 12-4-56, Cl. 255-39.
- Galyean, Hewitt S. Motor vehicle bed construction. 2,767,770, 10-23-56, Cl. 155-6.
- Gamarekian, Sooren E., to General Electric Co. Voltage level switching network. 2,765,405, 10-2-56, Cl. 250-27.
- Gamberg, Edward R., and H. C. Ludwig, to Westinghouse Electric Corp. Treated wire for arc welding electrodes. 2,772,989, 12-4-56, Cl. 117-204.
- Gamble, Edward A., to D. J. Furey. Animated Christmas ornament. 2,765,583, 10-9-56, Cl. 46-123.
- Gamble, John G. Carburetor for internal combustion engines. 2,735,664, 2-21-56, Cl. 261-23.
- Gamble-Skogmo, Inc.: *See—*
- Castner, George P. 2,746,569.
- Foster, James R. 2,746,568.

- Gambrell, Richard D., to Western Electric Co., Inc. Apparatus for monitoring and extruding plastic materials. 2,765,441, 10-2-56, Cl. 324-61.
- Gamby, Littleton B. Security lock. 2,747,396, 5-29-56, Cl. 70-185.
- Gameros, Francisco. Pyrograph. 2,734,986, 2-14-56, Cl. 215-29.
- Gamertsfelder, George R.: *See*—  
Zaleski, John F., and Gamertsfelder. 2,769,145.
- Gamertsfelder, George R., to the United States of America as represented by the Secretary of the Navy. Phase shifting circuit. 2,731,595, 1-17-56, Cl. 323-119.
- Gamet, Louis J. M., to La Precision Industrielle (Société Anonyme). Chucks. 2,767,994, 10-23-56, Cl. 279-119.
- Gamewell Co., The: *See*—  
Lansil, Clifford E. 2,733,414.
- Gamien Chemical Co.: *See*—  
Gamlen, Harry. 2,743,605.
- Gamlen, Harry, to Gamlen Chemical Co. Pipeline viscosimeter. 2,743,605, 5-1-56, Cl. 73-55.
- Gamma Trusts: *See*—  
Luckhardt, Johannes. 2,745,470.
- Gammeter, John R. Apparatus for testing and sorting thin rubber articles. 2,771,190, 11-20-56, Cl. 209-74.
- Gammons, Clifford D.  $\frac{1}{2}$  to E. Gammons. Scissors. 2,758,372, 8-14-56, Cl. 30-260.
- Gammons, Elizabeth: *See*—  
Gammons, Clifford D. 2,758,372.
- Gammon, Harry R., to Monsanto Chemical Co. Process for alkyl phosphoryl dichlorides. 2,750,399, 6-12-56, Cl. 260-461.
- Gamrath, Harry R., to Monsanto Chemical Co. Isomerization of dialkyl maleates to dialkyl fumarates. 2,764,609, 9-25-56, Cl. 260-485.
- Gamrath, Harry R., and R. E. Hatton, to Monsanto Chemical Co. Dialkyl phosphoryl monochlorides. 2,739,977, 3-27-56, Cl. 260-461.
- Gamrath, Harry R., and R. E. Hatton, to Monsanto Chemical Co. Dialkyl monoaryl esters of ortho-phosphoric acid. 2,739,978, 3-27-56, Cl. 260-461.
- Gamundi, Reynold F., and Gamundi. 2,742,051.
- Schultz, Arthur D., Pipes, Linn, and Gamundi. 2,740,548.
- Gamundi, Reynold F., to Eaton Mfg. Co. Magnetic drive. 2,739,683, 3-27-56, Cl. 192-84.
- Gamundi, Reynold F., to Eaton Mfg. Co. Wheel covers. 2,746,805, 5-22-56, Cl. 192-84.
- Gamundi, Reynold F., and G. R. Pipes, to Eaton Mfg. Co. Magnetic drive. 2,772,762, 12-4-56, Cl. 192-215.
- Ganberg, Abraham: *See*—  
Guillissen, Clement J., and Ganberg. 2,732,320.
- Ganberg, Abraham. Process for the preparation of organopolysiloxane resins. 2,768,152, 10-23-56, Cl. 260-465.
- Gandelot, Howard K., to General Motors Corp. Automatic headlight control system. 2,749,478, 6-5-56, Cl. 315-83.
- Gander, Arnold F. Flush type toggle latch. 2,729,490, 9-25-56, Cl. 292-196.
- Gander, Philippe, to The Gruen Watch Co. Apparatus for cleaning parts of horological instruments. 2,760,501, 8-28-56, Cl. 134-58.
- Gandolfo, Peter F.: *See*—  
Gilman, Wilbert M., and Gandolfo. 2,774,926.
- Gandolfi, Eberhard S. Apparatus for distributing granular material. 2,759,637, 8-21-56, Cl. 222-135.
- Gandrud, Eberhard S. Spreader for fertilizer, seeds and the like and feed rate control therefor. 2,773,626, 12-11-56, Cl. 222-43.
- Gang, George J., and J. Minissale. Adjustable mounting means. 2,767,423, 10-23-56, Cl. 16-94.
- Gang, Herman, to Monroe Calculating Machine Co. Stopping means for calculating machines. 2,732,129, 1-24-56, Cl. 235-62.
- Gang, Herman, to Monroe Calculating Machine Co. Value entering means for calculating machines. 2,756,933, 7-31-56, Cl. 235-79.
- Ganger, Harry, Sinkers. 2,774,174, 12-18-56, Cl. 43-44,99.
- Ganzloff, Albert C., to Allegheny Ludlum Steel Corp. Die members. 2,775,301, 12-25-56, Cl. 164-118.
- Ganlo, Ofrio. Guard and clutch interlock for embossing. 2,743,723, 10-23-56, Cl. 192-134.
- Gannett, Danforth K., to Bell Telephone Laboratories, Inc. Transistor negative impedance converters. 2,745,068, 5-8-56, Cl. 333-80.
- Gannon, Jesse, to R. Weinartz. Explosive actuated fastener applicator. 2,766,451, 10-16-56, Cl. 1-44.5.
- Gannon, Russell R. Room air conditioner. 2,753,699, 7-10-56, Cl. 62-140.
- Gannon, Russell R. Means for heating and ventilating rooms, particularly school rooms and the like. 2,775,188, 12-25-56, Cl. 98-38.
- Gano, Harlan S., and S. Miller, to Westinghouse Electric Corp. Power control center. 2,757,249, 7-31-56, Cl. 200-50.
- Gans, Robert S. Device for removing snow. 2,754,602, 7-17-56, Cl. 37-53.
- Gant, Virgil A., to Northwestern Research Corp. Hair treating composition and method of use for setting. 2,750,947, 6-19-56, Cl. 132-7.
- Gantner, Edward G. Dispensing package holder. 2,738,942, 3-20-56, Cl. 248-289.
- Gantt, James E.: *See*—  
Brown, Kenneth M., and Gantt. 2,773,003.
- Gantz, Harry. Combined cleaning mop and wringer. 2,730,741, 1-17-56, Cl. 15-116.
- Gantz, Ray D., to The Carroll Chain Co. Clevis with two positioned spaced link. 2,774,213, 12-18-56, Cl. 59-84.
- Ganz, Reno M. Casting lure. 2,768,465, 10-30-56, Cl. 43-42.4.
- Ganze, Ronald A., to F. B. Pease Co., Inc. Apple celling and slicing machine. 2,750,976, 6-19-56, Cl. 146-40.
- Garbur, John J., to Thompson Products, Inc. Automatic feed device. 2,750,819, 6-19-56, Cl. 78-99.
- Gar Wood Industries, Inc.: *See*—  
Barrett, Edward R. 2,740,213.
- Gwinn, Joseph M., Jr. 2,740,661.
- Wreford, Frederick S. and J. S. 2,752,412.
- Garar, Oda J.: *See*—  
Osborne, Lloyd M., and Garant. 2,774,968.
- Garapolo, Orlando: *See*—  
Moss, Walter E., and Garapolo. 2,762,290.
- Garapolo, Orlando, W. J. Richter, and L. L. Campbell, to Wilson & Co., Inc. Beef dropper. 2,750,963, 1-17-56, Cl. 104-8.
- Garapolo, Orlando, and M. Lombardi, to Wilson & Co., Inc. Card dispensing tray. 2,741,886, 4-17-56, Cl. 53-255.
- Garapolo, Orlando, and J. V. Dornan, to Wilson & Co., Inc. Automatic slice thickness control for bacon slicing machine. 2,748,512, 10-30-56, Cl. 81-125.
- Garard, Frank L. M., Sr., deceased; H. I. Garard, executrix. Adjustable wheel chock. 2,773,564, 12-11-56, Cl. 188-32.
- Garard, Helen I.: *See*—  
Garard, Frank L. M., Sr. 2,773,564.
- Garbe, Curt. Slide valve for steam engines. 2,766,734, 10-16-56, Cl. 121-135.
- Garbellano, David W. Underwater suit. 2,749,551, 6-12-56, Cl. 2-82.
- Garber, John D.: *See*—  
Banes, Fred W., and Garber. 2,749,330.
- Garber, John D., to Merck & Co., Inc. Alkylated vanillin semicarbazones and processes for preparing and using the same. 2,749,270, 6-5-56, Cl. 167-30.
- Garber, John D., to Merck & Co., Inc. Methane-bis (vanillin) and derivatives and processes for preparing the same. 2,775,613, 12-25-56, Cl. 260-478.
- Garber, John D., W. J. Holladay, Jr., and B. M. Vanderbilt, to Esso Research and Engineering Co. Lubricants and additives therefor. 2,746,925, 5-22-56, Cl. 252-59.
- Garber, John W.: *See*—  
Garber, William W. and J. W. 2,772,592.
- Garber, William W. and J. W. Nut retainer for wrenches. 2,772,592, 12-4-56, Cl. 81-125.
- Garbo, Paul W., to Hydrocarbon Research, Inc. Manufacture of synthesis gas. Re. 2,148, 5-8-56, Cl. 48-196.
- Garbo, Paul W., to Hydrocarbon Research, Inc. Process for rendering solid carbonaceous material non-agglomerative. 2,729,597, 1-3-56, Cl. 202-25.
- Garbo, Paul W., to Hydrocarbon Research, Inc. Fluidized bed coating of coal with non-agglomerative material. 2,729,598, 1-3-56, Cl. 202-25.
- Garbo, Paul W., to Hydrocarbon Research, Inc. Generation of synthesis gas and apparatus therefor. 2,772,149, 11-27-56, Cl. 48-196.
- Garbo, Paul W., to Hydrocarbon Research, Inc. Removal of cyclic sulfur compounds from a highly olefinic gasoline. 2,774,717, 12-18-56, Cl. 196-28.
- Garbo, Paul W., to Hydrocarbon Research, Inc. Stabilization of a highly olefinic gasoline. 2,774,720, 12-18-56, Cl. 196-36.
- Garbrecht, William L., to Eli Lilly and Co. Preparation of amides of lysergic acid. 2,774,763, 12-18-56, Cl. 260-285.5.
- Garbullo, Carlo. Drying apparatus. 2,750,682, 6-19-56, Cl. 34-225.
- Garbuny, Max: *See*—  
Sheppard, Glenn E., and Garbuny. 2,757,314.
- Garbuny, Max, and G. E. Sheppard, to Westinghouse Electric Corp. Resonator with separate retarding field. 2,760,104, 8-21-56, Cl. 315-6.
- Garceau, Bertram J., to Arnold, Hoffman & Co., Inc. Textile assistants. 2,764,601, 9-25-56, Cl. 260-404.5.
- Garcia, Arthur, to Avco Mfg. Corp. Tunable inductor. 2,748,357, 5-29-56, Cl. 336-83.
- Garcia, Eugene N.: *See*—  
Synch, Daniel H., and Garcia. 2,754,299.
- Garcia, Leopold E. Acetylene gas generator. 2,773,754, 12-11-56, Cl. 48-53.3.
- Garcia, Zeid. Umbrella drip attachment. 2,753,880, 7-10-56, Cl. 135-48.
- Gard, Christian. Aerodrome runway light. 2,739,222, 3-20-56, Cl. 240-1.2.
- Gard, Francis V. Center point measure. 2,764,818, 10-2-56, Cl. 33-189.
- Gard, Walter S.: *See*—  
Hauber, Ferdinand R., and Gard. 2,755,632.
- Gardel, Robert, and A. Rosin, to Delcor, Inc. Walking motion for dolls. 2,736,135, 2-28-56, Cl. 46-149.
- Garden, Joseph: *See*—  
Jefferson, Sidney, and Garden. 2,751,534.
- Garden, Nelson B.: *See*—  
Brown, Howard J., and Garden. 2,743,372.
- Garden Toys, Inc.: *See*—  
Hunkins, Everett D. 2,747,528.
- Garden City Plating & Mfg. Co.: *See*—  
Amit, Fred H. 2,751,664.
- Amit, Fred H. 2,759,215.
- Fisher, Herbert R. 2,747,826.
- Kurtzon, George B. 2,759,613.
- Zurawski, Edward F. 2,753,444.



- Gardes, Alfred W., to Houdaille-Hershey of Indiana, Inc. Weigh box structure having pivotally mounted doors for a fiber handling machine. 2,734,668, 2-14-56, Cl. 222-503.
- Gardes, Alfred W., to Houdaille-Hershey of Indiana, Inc. Magnetic clarifier. 2,736,432, 2-28-56, Cl. 210-15.
- Gardes, Alfred W., to Indiana Commercial Filters Corp. Filtering screen assembly. 2,744,632, 5-8-56, Cl. 210-184.
- Gardes, Alfred W., to Indiana Commercial Filters Corp. Outlet arrangements for blow-down clarifier. 2,772,736, 12-4-56, Cl. 210-182.
- Gardes, Alfred W., and N. Dudchik, to Houdaille-Hershey of Indiana, Inc. Discharge chute assembly for magnetic clarifier. 2,729,333, 1-3-56, Cl. 210-15.
- Gardes, Alfred W., and N. Dudchik, to Houdaille-Hershey of Indiana, Inc. Filter assembly. 2,736,435, 2-28-56, Cl. 210-183.
- Gardiner, Cecil M.: See—
- Buckland, Bruce O., Sanders, and Gardiner. 2,774,722.
- Gardiner, Duncan B., to Vickers Inc. Power transmission. 2,733,571, 2-7-56, Cl. 60-52.
- Gardiner, Duncan B., to Vickers Inc. Power transmission. 2,739,539, 3-27-56, Cl. 103-136.
- Gardiner, Duncan B., to Vickers Inc. Hydraulic power steering device. 2,746,426, 5-22-56, Cl. 121-40.
- Gardiner, Duncan B., H. C. Parsons, and T. Van Meter, to Vickers Inc. Hydraulic power steering with by-pass valve. 2,768,699, 10-30-56, Cl. 180-79.2.
- Gardiner, Frank J., to I-P-E Circuit Breaker Co. Process for making a rectangularized television tube body. 2,764,810, 10-2-56, Cl. 29-534.
- Gardiner, Howard W. Shoe with hollow welt for detachable upper. 2,761,224, 9-4-56, Cl. 36-11.5.
- Gardiner, John T., to Lane-Weils Co. Bridging plug. 2,753,942, 7-10-56, Cl. 166-123.
- Gardiner, Kenneth W. Atomizer assembly for a flame spectrophotometer. 2,753,753, 7-10-56, Cl. 88-14.
- Gardiner, Lester J. Compressor units for refrigerating apparatus. 2,738,122, 3-13-56, Cl. 230-58.
- Gardiner, Elliott W., and A. B. Crowell, to International Business Machines Corp. Record card punching mechanism. 2,753,789, 7-10-56, Cl. 101-19.
- Gardiner, Adryl W. Segmented rolls. 2,754,734, 7-17-56, Cl. 9-50.
- Gardner, August M.: See—
- Kessler, Charles A., Haller, and Gardner. 2,749,864.
- Gardner, Arthur G., and T. S. Lister, to Wickman Ltd. Process for production of bronze alloys. 2,768,891, 10-30-56, Cl. 15-72.
- Gardner, August M., and F. L. Walling, to The Singer Mfg. Co. Sewing machine needle carriers. 2,755,756, 7-24-56, Cl. 112-226.
- Gardner, Bernard C., to Raytheon Mfg. Co. Means for the suppression of parasitic oscillations in a tunable cavity resonator. 2,750,568, 6-12-56, Cl. 333-82.
- Gardner, Bernard C., and R. M. Unger, to Raytheon Mfg. Co. Non-linear beam dispersion devices. 2,747,085, 5-22-56, Cl. 250-27.
- Gardner Board & Carton Co. The: See—
- Anness, Russell W. 2,765,713.
- Fisher, Harry C. 2,756,164.
- Kramer, Joseph. 2,755,960.
- Kramer, Joseph. 2,772,020.
- Ringler, William A. 2,753,107.
- Ringler, William A. 2,755,959.
- Ringler, William A. 2,755,961-5.
- Ringler, William A. 2,755,983.
- Van Rosen, Robert, Arens, and Struble. 2,756,920.
- Wittkhusen, Bruno A., and Hill. 2,755,471.
- Gardner, Brian C.: See—
- Tallis, Ernest E., and Gardner. 2,758,004.
- Gardner, Brian C., and E. H. Sharples, to Courtaulds Ltd. Bonding yarns to polyvinyl chlorides in making composite articles. 2,732,002, 1-24-56, Cl. 154-4.
- Gardner, Charles P.: See—
- McIlvried, Edwin J., Gardner, and Bittman. 2,755,916.
- Gardner, Dale, to Holley Carburetor Co. Carburetor control valve. 2,752,136, 6-26-56, Cl. 261-42.
- Gardner-Denver Co.: See—
- Booth, William M. 2,767,807.
- Bos, John R., and Shulters. 2,759,357.
- Fern, William P., and Chaffee. 2,742,807.
- Fern, William P., and Sorensen. 2,762,403.
- Lunzehausen, John C. 2,745,708.
- Robinson, Claude L. 2,759,458.
- Shaff, Ernest H. 2,732,139.
- Shaff, Ernest H. 2,740,507.
- Shaff, Ernest H. 2,740,508.
- Shaff, Ernest H. 2,743,635.
- Shaff, Ernest H. 2,743,636.
- Gardner, Edgar J., P. B. Johnson, and A. F. Stansell, to Clary Corp. Push key lock. 2,772,558, 12-4-56, Cl. 70-387.
- Gardner, Edward L., to North American Aviation, Inc. Magnetic amplifier circuit for motor. 2,729,777, 1-3-56, Cl. 310-207.
- Gardner, Evelyn M.: See—
- Gardner, Leon E. 2,749,941.
- Gardner, Frank T., to Esso Research and Engineering Co. Corrosion prevention. 2,757,066, 7-31-56, Cl. 21-2.5.
- Gardner, Frederick H.: See—
- Sorgel, David G., and Gardner. 2,751,576.
- Gardner, Frederick H., J. C. Elms, and D. Rosenstock, to North American Aviation, Inc. Angle of attack computer. 2,775,124, 12-25-56, Cl. 73-180.
- Gardner, George R., to Aluminum Co. of America. Permeable plaster mold. 2,754,220, 7-10-56, Cl. 106-38.3.
- Gardner, George S.: See—
- Kautskis, Albert J., and Gardner. 2,758,970.
- Gardner, Guy P.: See—
- Klemm, Herman G., and Gardner. 2,749,694.
- Gardner, Guy F., to Harry Ferguson, Inc. Disc harrow. 2,762,182, 9-11-56, Cl. 55-81.
- Gardner, Guy F., to Massey-Harris-Ferguson, Inc. Implement hitch. 2,763,722, 10-9-56, Cl. 97-47.53.
- Gardner, Henry A., Laboratory, Inc.: See—
- Hunter, Richard S. 2,739,246.
- Gardner, Hubert N., to Langendorf United Bakeries, Inc. Folded cake making machine. 2,747,521, 5-29-56, Cl. 107-1.
- Gardner, James H.: See—
- Di Nardo, Albert, Gardner, and Robertson. 2,769,846.
- Gardner, James H., and E. F. Schoenbrunn, to National Research Corp. Production of chemicals. 2,775,510, 12-25-56, Cl. 23-207.
- Gardner, James H., N. C. Robertson, and E. F. Schoenbrunn, to National Research Corp. Non-catalytic vapor phase oxidation of ethane. 2,775,601, 12-25-56, Cl. 260-348.5.
- Gardner, James M.: See—
- Piper, Frank R., and Gardner. 2,747,534.
- Gardner, Karl E., to E. Bonli, Jr., to The Grisco-Russell Co. Heat exchanger tube sheet leakage prevention and detection construction. 2,743,089, 4-24-56, Cl. 257-236.
- Gardner, Leland A., and J. L. Hysko, to Bell Telephone Laboratories, Inc. Carrier telegraph switchboard supervisory system. 2,770,670, 11-13-56, Cl. 178-2.
- Gardner, Leon E., deceased; E. M. Gardner, administratrix. Rotary fluid control valve. 2,749,941, 6-12-56, Cl. 137-624.
- Gardner Machine Co.: See—
- Cadman, Harold O. 2,745,537.
- Gardner Mfg. Co.: See—
- Chilling, Paul O., and Mayer. 2,772,661.
- Gardner, Nelson C. Antiskid devices. 2,754,874, 7-17-56, Cl. 152-216.
- Gardner, Paul N. Film applicator for liquid or semi-liquid material. 2,746,075, 5-22-56, Cl. 15-236.
- Gardner, Ralph A., to The Standard Oil Co. Thermal diffusion apparatus. 2,787,297, 3-6-56, Cl. 210-52.5.
- Gardner, Ralph A.: See—
- Jackson, Warren, Jr., and Gardner. 2,733,602.
- Gardner, Robert I., to Hillman-Kelley. Power tongs and control system therefor. 2,741,460, 4-10-56, Cl. 255-35.
- Gardner, Richard H., to Clark Equipment Co. Hand lift. 2,763,829, 9-11-56, Cl. 180-12.
- Gardner, Sidney. Rat trap. 2,752,722, 7-3-56, Cl. 43-61.
- Gardner, Thomas S., to Hoffmann-La Roche Inc. 3-(hydroxycarbamyl) methyl-1-methyl pyridinium iodide. 2,756,236, 7-24-56, Cl. 260-293.5.
- Gardner Wood Products Co., Inc.: See—
- Garfield, Lester G., and Patriquin. 2,756,469.
- Gardocki, Walter R. Archery gloves. 2,740,968, 4-10-56, Cl. 2-161.
- Gare, Louis. Line indicating device for typewriters. 2,744,606, 5-8-56, Cl. 197-189.
- Garcia, R. Floating aquarium feeding device. 2,754,800, 7-17-56, Cl. 119-3.
- Garlick, Judith J., to Pulmosan Safety Equipment Corp. Filters for respirators. 2,733,776, 2-7-56, Cl. 183-45.
- Garen, John C.: See—
- Guernsey, Glen A., Garen, and Green. 2,773,140.
- Garfield, William L., to International Standard Electric Corp. Electrical remote control and supervisory systems. 2,764,754, 9-25-56, Cl. 343-6.
- Garfinkle, Arthur. Telephone attachment for shoulder rest. 2,732,439, 1-24-56, Cl. 179-157.
- Garfinkle, Joseph S. Drying apparatus for photographic prints. 2,732,829, 1-31-56, Cl. 34-123.
- Garfunkel, Louis X. Machine for molding plastic materials. 2,770,202, 11-13-56, Cl. 107-15.
- Gargagliano, Leonard J. Match package. 2,755,918, 7-24-56, Cl. 208-34.
- Gargallo, Eric J., to Electric & Musical Industries Ltd. Television apparatus for use in relay systems. 2,744,157, 5-1-56, Cl. 178-5.8.
- Garibaldi, John A.: See—
- Sacks, Lawrence E., and Garibaldi. 2,743,733.
- Garical, Sebastian J. Bow pull indicating machine. 2,768,156, 9-18-56, Cl. 73-381.
- Garland, Christopher. Wicket device for use in house doors. 2,756,466, 7-31-56, Cl. 20-39.
- Garland, Clarice M., to Colgate-Palmolive Co. Hair curling device. 2,754,832, 7-17-56, Cl. 132-43.
- Garland, Milton W., to Frick Co. High capacity, gas tight seating adjustable safety valve. 2,740,425, 4-3-56, Cl. 137-543.13.
- Garlick, Maurice C.: See—
- Fowler, Carl S., and Garlick. 2,752,617.
- Garlock, Fred G., to General American Transportation Corp. Hopper car. 2,730,964, 1-17-56, Cl. 105-248.
- Garlock Packing Co. The: See—
- Chambers, Albert M., Jr., Closs, Fisher, and Milligan. 2,729,481.
- Chambers, Albert M., Jr., and Fisher. 2,731,284.
- Chambers, Albert M., Jr., and Patrick. 2,729,478.
- Chambers, Albert M., Jr., and Schwing. 2,729,475.
- Hamilton, Russell L. 2,729,472.
- Hartraft, William. 2,760,794.
- Garmager, Curt H., to Ford Motor Co. Hydraulic relief valve. 2,729,233, 1-3-56, Cl. 137-494.

- Garmager, Curt H., to Ford Motor Co. Hydraulic control system for tractors. 2,750,862, 6-19-56, Cl. 97—46.07.
- Garmaise, David L. *See*—
- McKay, Arthur P., and Garmaise. 2,767,184.
- Garman, Donald P. *See*—
- Balint, John, and Garman. 2,745,689.
- Garman, Donald F., to Tinnerman Products, Inc. Spring-applying tools. 2,752,805, 7-3-56, Cl. 81—3.
- Garman, Raymond G., M. Dwyer, and S. B. Cohen, to the United States of America as represented by the Secretary of the Navy. Radar trainer. 2,774,149, 12-18-56, Cl. 35—10.4.
- Garneau, Bertram C. *See*—
- Hart, Hubert E., Boyce, and Garneau. 2,754,017.
- Garneau, Hughes. Apparatus for forming a protective sheath about an end portion of a pipe having an internal liner. 2,756,479, 7-31-56, Cl. 25—38.
- Garner, Claude M., to Missouri Automatic Control Corp. Instantaneous limiting switch mechanism. 2,733,012, 1-31-56, Cl. 236—48.
- Garner, Claude M., to Missouri Automatic Control Corp. Control means for solenoid actuating device. 2,745,630, 5-15-56, Cl. 251—130.
- Garner, Claude M., J. Roos, Jr., J. A. Wright, and T. P. Fleeer, to Missouri Automatic Control Corp. Antivibration solenoid structure. 2,735,047, 2-14-56, Cl. 317—186.
- Garner, Claude M., and W. J. Allan, to Missouri Automatic Control Corp. Space thermostat. 2,739,204, 3-20-56, Cl. 200—140.
- Garner, Elwyn M., and E. T. Turner. Peanut stack carrier. 2,769,660, 28-56, Cl. 214—163.
- Garner, Lawrence M., and E. S. McConnochie. Rotary, unidirectional, variable and reversible delivery pump. 2,752,851, 7-3-56, Cl. 103—3.
- Garner, Lloyd P., and W. N. Parker, to Radio Corp. of America. Wave amplitude control for high-q load. 2,733,340, 1-31-56, Cl. 250—36.
- Garner, Paul. Disc harrows. 2,737,766, 3-13-56, Cl. 55—83.
- Garner, Philip J., and R. Graham, to Shell Development Co. Corrosion protection method. 2,756,162, 7-24-56, Cl. 117—62.
- Garrett, Stanley R. Banks, and A. W. H. Porter, to F. N. F. Ltd. Pattern chains. 2,741,107, 4-10-56, Cl. 66—156.
- Garrett, Edward V., to Truck Equipment Co. Cable reel trailers. 2,759,682, 8-21-56, Cl. 242—90.
- Garrett, Lawrence T., to Minneapolis-Honeywell Regulator Co. Air-operated rate unit for controller. 2,755,812, 7-24-56, Cl. 137—85.
- Garnick, Philip, to Fisher-Pierce Co., Inc. Photoelectric lighting control unit. 2,755,392, 7-17-56, Cl. 250—239.
- Garnier, Pierre A. *See*—
- Meyer, Robert, and Garnier. 2,773,856.
- Garrison, George W. Automobile door latch mechanism. 2,766,058, 10-9-56, Cl. 292—254.
- Garofalo, Emil V., to Wiretex Mfg. Co., Inc. Heat treat tray. 2,765,159, 10-2-56, Cl. 263—47.
- Garono, Louis E., F. Kramer, and A. E. Steigmann, to General Foods Corp. Gelatin extraction process. 2,743,265, 4-5-56, Cl. 260—118.
- Garrand, Roy J., to Cone Automatic Machine Co., Inc. Adjustable eccentric boring attachment for multiple spindle lathes. 2,747,437, 5-29-56, Cl. 77—3.
- Garrard Engineering and Mfg. Co., Ltd., The *See*—
- Fortune, Henry J. 2,775,457.
- Fortune, Henry J. 2,775,457.
- Mortimer, Edmund W. 2,757,006.
- Garraway, George H. Fluid turbine. 2,743,901, 5-1-56, Cl. 253—52.
- Garraway, George H., and R. P. Kirkup, to Orr & Semberower, Inc. Fuel flow controller. 2,753,927, 7-10-56, Cl. 158—36.3.
- Garretson, Donald J. Electric terminal with mounting bracket. 2,768,362, 10-23-56, Cl. 339—220.
- Garrett, Burton R. Counting and packaging machines. 2,763,108, 9-18-56, Cl. 53—59.
- Garrett Corp., The *See*—
- Aberle, Ulysses G. 2,731,618.
- Aberle, Ulysses G. 2,764,749.
- Anderson, Soren K. 2,731,239.
- Arthur, Robert A. 2,754,745.
- Arthur, Robert A. 2,773,440.
- Boyle, James F. 2,765,131.
- Boyle, James F., and Taylor. 2,764,766.
- Breaux, Darlton K., Chapman, and Drexel. Re. 24,179.
- Burgess, Glenn A., Hlavka, and King. 2,756,215.
- Chapman, James E. 2,757,576.
- Cox, Eugene S. 2,775,400.
- Crawford, James V., Fisher, and Le May. 2,772,829.
- Dotson, Donna. 2,749,047.
- Fischer, Richard A., Arthur, and Kemper. 2,731,022.
- Fischer, Richard A., and Kemper. 2,767,636.
- Greenwald, Harold A. 2,737,938.
- Jensen, Raymond W. 2,754,442.
- Jensen, Raymond W. 2,745,825.
- Jensen, Raymond W. 2,745,481.
- Kemper, James M., and Fischer. 2,749,826.
- Kimes, Robert. 2,763,262.
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- Kuhn, John. 2,736,198.
- Lytle, Elvin D. 2,755,255.
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- Garrett Corp., The *See*—Continued
- Speer, Ivan R. 2,763,985.
- Westman, Sydney E. 2,729,751.
- Wood, Homer J. 2,734,443.
- Wood, Homer J. 2,741,421.
- Wood, Homer J. 2,760,719.
- Garrett, Donald B., and R. F. Wood, to General Electric Co. Anti-pinchion circuit. 2,758,248, 8-7-56, Cl. 315—27.
- Garratt, Elmer L., to E. G. Staude Mfg. Co., Inc. Sheet stacker. 2,772,880, 12-4-56, Cl. 271—74.
- Garrett, Ernest D., to Poulsen Mfg. Corp. Engine speed governor. 2,739,581, 3-27-56, Cl. 123—103.
- Garrett, Ernest D., to D. G. Crow, Mechanical braking system. 2,773,569, 12-1-56, Cl. 188—77.
- Garrett, Henry U., and C. M. Peters, to Garrett Oil Tools, Inc. Relief valve. 2,759,488, 8-21-56, Cl. 137—491.
- Garrett, Henry U., C. M. Peters, and E. D. McMurry, to Garrett Oil Tools, Inc. Valve. 2,761,468, 9-4-56, Cl. 137—155.
- Garrett, Luther W., Jr., and M. R. Smith, to The M. W. Kellogg Co. Process for upgrading diesel oil fractions derived from Fischer-Tropsch synthesis. 2,752,382, 6-26-56, Cl. 260—450.
- Garrett, Norman J. Rosary device. 2,730,816, 1-17-56, Cl. 35—23.
- Garrett Oil Tools, Inc. *See*—
- Garrett, Henry U., and Peters. 2,759,488.
- Garrett, Henry U., Peters, and McMurry. 2,761,465.
- Garrigus, Samuel W. Deceleration indicator for automotive vehicle. 2,758,249, 8-7-56, Cl. 315—80.
- Garrison, Allen D., to Texaco Development Corp. Setting well casing. 2,742,000, 4-17-56, Cl. 166—22.
- Garrison, Claude H. *See*—
- Cantrill, James W., and Garrison. 2,761,394.
- Garrison, James O. *See*—
- Garrison, Ralph P., and J. O., and Walker. 2,747,882.
- Garrison Machine Works, Inc. *See*—
- Garrison, Ralph P., and J. O., and Walker. 2,747,882.
- Garrison, Marion A., to Johnston Testers, Inc. Hydraulic control mechanism for drift recorders. 2,745,189, 5-15-56, Cl. 33—205.5.
- Garrison, Marion A., to Jasco Pump Co. Rotary motor or pump. 2,733,809, 7-10-56, Cl. 103—117.
- Garrison, Ralph P., and J. O., and D. D. Walker, to Garrison Machine Works, Inc. Gear chuck. 2,747,882, 5-29-56, Cl. 279—106.
- Garrison, Smith, F. G. Station, and E. B. Sill. Attachment for cotton gins. 2,760,286, 8-28-56, Cl. 19—55.
- Garrison, Thomas E. *See*—
- Billings, David P., and Garrison. 2,729,942.
- Garrison, Thomas J. Testing device for determining the condition of cam contours. 2,763,066, 9-18-56, Cl. 33—174.
- Garrison, Warren M. *See*—
- McClintock, Leslie T., Garrison, and Burton. 2,743,223.
- Garro, Henri P., to Etablissements Sable Freres. Combined mop holder and wringer. 2,733,467, 2-7-56, Cl. 15—119.
- Garrock, William, J. M. Kiner, and B. C. Kowalski, to Ainsworth Mfg. Corp. Apparatus for re-forming tubular members. 2,755,839, 7-24-56, Cl. 153—25.
- Garrott, John C. Resilient seal valve. 2,731,231, 1-17-56, Cl. 251—328.
- Garson, Arthur. Wire for brassieres. 2,731,640, 1-24-56, Cl. 2—42.
- Gars, R. G., and B. Vassel, to International Minerals & Chemical Corp. Preparation of guanidino substituted fatty acids. 2,766,282, 10-9-56, Cl. 260—534.
- Garstka, Walter U. *See*—
- Daum, Claude R., Kuehmlich, and Garstka. 2,748,376.
- Garten, Wilhelm. Method of lining a metal pipe. 2,745,778, 5-15-56, Cl. 154—82.
- Gartner, Elie *See*—
- Felici, Noel, and Gartner. 2,767,335.
- Gartner, Lawrence E., to Bendix Aviation Corp. Generator polarizing system. 2,746,004, 5-15-56, Cl. 322—6.
- Gartner, Stanley J. *See*—
- Roeder, Henry W., and Gartner. 2,729,877.
- Gartner, Stanley J., to Sylvania Electric Products Inc. Indexing mechanism. 2,740,301, 4-3-56, Cl. 74—394.
- Gartner, Stanley J., to Sylvania Electric Products, Inc. Automatic grid machine. 2,759,499, 8-21-56, Cl. 140—71.5.
- Gartrell, Robert D., H. A. Meyer, and R. R. McVay, to United States Rubber Co. Abrasive articles and method of making the same. 2,733,987, 2-7-56, Cl. 51—298.
- Gartside, Robert N. *See*—
- Dubois, Laurent O., Gartside, Johnson, and Schneider. 2,773,911.
- Gartzke, Charles A. Pneumatic separator. 2,754,929, 7-17-56, Cl. 183—65.
- Garutso, Stephen E. Means of producing three dimensional photographic film. 2,749,820, 6-12-56, Cl. 95—18.
- Garve, Alexander L. *See*—
- Heurich, Josef, and Garve. 2,773,553.
- Garver, Curtis A., to Guardian Lockers, Inc. Coin-controlled locker. 2,767,570, 10-23-56, Cl. 70—81.
- Garver, John P. Christmas tree ornament. 2,761,232, 9-4-56, Cl. 41—10.
- Garver, Kenneth K. Self-loading implement carrier. 2,738,634, 3-20-56, Cl. 55—73.
- Garver, Ralph R., to Pangborn Corp. Abrasive blasting system. 2,753,664, 7-10-56, Cl. 51—8.
- Garver, Richard E., to The B. F. Goodrich Co. Incising belts. 2,751,980, 6-26-56, Cl. 164—50.



- Garvey, Edward J.: *See*—  
McNutt, Robert D., and Garvey. 2,754,454.
- Garvey, Edward S. Cushion foot for portable stamping machines. 2,731,915, 1-24-56, Cl. 101-368.
- Garvey, Louis P., K. A. Walter, and R. L. Ballard, to General Motors Corp. Vehicle folding top structure and power actuating means therefor. 2,770,489, 11-13-56, Cl. 296-117.
- Garvin, Charles W.: *See*—  
Keller, Theodore W., and Garvin. 2,746,752.
- Garwin, Robert J.: *See*—  
Goldberg, Max, and Garwin. 2,747,530.
- Garwood, John S.: *See*—  
Nolan, William W., and Garwood. 2,741,922.
- Garwood, William E.: *See*—  
Bishop, Richard B., Denton, and Garwood. 2,729,590.  
Denton, William I., and Garwood. 2,729,595.  
Denton, William I., Garwood, and Miale. 2,768,121.  
Feasley, Charles F., Garwood, Sachanen, and Seger. 2,743,275.  
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Feasley, Charles F., Garwood, Sachanen, and Seger. 2,743,281.
- Garwood, William E., to Socony Mobil Oil Co., Inc. Demetallization of hydrocarbon oils. 2,729,593, 1-3-56, Cl. 196-35.
- Garwood, William E., and L. A. Hamilton, to Socony Mobil Oil Co., Inc. Alkylation of yellow phosphorous with olefins. 2,731,918, 1-17-56, Cl. 260-139.
- Gary, Clarence E.: *See*—  
Schaelchlin, Walter, and Gary. 2,734,394.
- Gary, James H., to The Standard Oil Co. Fluid mixing device for thermal diffusion apparatus. 2,751,082, 6-19-56, Cl. 210-52.
- Gary, Wilbur Y.: *See*—  
Bain, Joseph P., Fugitt, and Gary. 2,741,645.  
Bain, Joseph P., and Gary. 2,767,215.
- Garza, Luis R.: *See*—  
Doak, Robert A., Jr., and Garza. 2,764,066.
- Garzella, Bernice P. Back brush. 2,757,399, 8-7-56, Cl. 15-160.
- Gas Machinery Co., The: *See*—  
Richardson, Ello E., and Pugh. 2,746,852.
- Gasoline, Arthur C., and R. A. F. Craven, to Watford Electric & Mfg. Co. Ltd., and A. C. Gasoline. Solenoid operated switch with dashpot. 2,764,648, 9-25-56, Cl. 200-97.
- Gash, Virgil W., to Monsanto Chemical Co. Preparing  $\Delta^8$ -keto- $\Delta^9$ -steroid acids. 2,769,822, 11-6-56, Cl. 260-397.1.
- Gaskell, George L. Rotary internal combustion engine. 2,737,161, 3-7-56, Cl. 123-11.
- Gaskell, Walter L., to King-Seely Corp. Gauge for indicating line of cut of power driven tool. 2,750,970, 6-19-56, Cl. 143-168.
- Gaskill, Alfred T., to General Electric Co. Method of making a sintered brazing pellet. 2,745,742, 5-15-56, Cl. 75-211.
- Gaskill, William A.: *See*—  
Baker, Benjamin P., and Gaskill. 2,752,458.
- Gaskins, Frank W. Apparatus for bringing coil springs to test and relieving strains therein while under load. 2,745,658, 5-15-56, Cl. 268-4.
- Gaskins Research, Industrial and Commercial Co. (Garico), Inc.: *See*—  
Raley, Charles F., Jr., Burkett, and Swearingen. 2,766,478.
- Gassaway, Benjamin F.,  $\frac{1}{2}$  to J. A. Hull. Reentrant inflation tube and control valve for inflatable articles. 2,734,308, 2-14-56, Cl. 46-90.
- Gassmann, Johannes, to Daimler-Benz Aktiengesellschaft. Valve control for internal combustion engines. 2,751,895, 6-26-56, Cl. 123-90.
- Gassot, René J. L. Hydraulic brakes. 2,750,008, 6-12-56, Cl. 188-90.
- Gastrom, Herman M. Method of accurately locating a metal plate upon a stationary article. 2,754,516, 7-17-56, Cl. 1-82.
- Gastrom, Herman M. Means for accurately setting a hinge plate in position upon a rule section or leg. 2,754,877, 7-17-56, Cl. 153-3.
- Gast, Adolph W. Electric light bulb having insulation piercing contacts. 2,749,527, 6-5-56, Cl. 339-99.
- Gaston, Donald H., to the United States of America as represented by the Secretary of the Army. Tensionable connection for knockdown articles. 2,729,355, 1-3-56, Cl. 217-65.
- Gaston, Donald H., to Weber Showcase & Fixture Co., Inc. Water defrost refrigerated showcase. 2,748,574, 6-5-56, Cl. 62-89.5.
- Gaston, Joseph H. Auxiliary hand grip for a fishing rod. 2,751,236, 9-4-56, Cl. 43-23.
- Gaston, Paul S. Collapsible supporting devices for drop leaves. 2,743,976, 5-1-56, Cl. 311-19.
- Gaston, Ralph E., to Mid-States Mfg. Co., Inc. Hub mounting for an adjustable pitch propeller. 2,742,097, 4-17-56, Cl. 170-160.54.
- Gastright, Frank A., to M. Weintraub. Mail sack carrier cart. 2,772,890, 12-4-56, Cl. 280-40.
- Gastrock, Edward A.: *See*—  
Holzenthal, Leo L., D'Aguin, and Gastrock. 2,732,939.
- Gastrow, Hans. Radial machine. 2,747,516, 5-29-56, Cl. 109-161.
- Gately, Edward J., Jr. Low frequency horn. 2,751,997, 6-26-56, Cl. 181-31.
- Gates, Dale: *See*—  
Gates, Joseph H. 2,770,310.
- Gates, Franklin M., and H. J. R. Hussman, to The Smith-Gates Corp. Drinking fountain for poultry. 2,754,838, 7-17-56, Cl. 137-404.
- Gates, Geoffrey P. G. Clutch-operated steering gear for vehicles. 2,748,819, 2-24-56, Cl. 74-710.5.
- Gates, Geoffrey R. G. Controlling system for clutch-operated vehicle steering mechanism. 2,749,774, 6-12-56, Cl. 74-710.5.
- Gates, George H.: *See*—  
Clifford, Albert M., Waisbrot, and Gates. 2,764,599.
- Gates, George H., and H. J. Osterhof, to The Goodyear Tire & Rubber Co. Method of making closed cell cellular compositions. 2,763,897, 9-25-56, Cl. 18-53.
- Gates, Hessler H., to Bryant Chucking Grinder Co. Screw thread gauge. 2,762,131, 9-11-56, Cl. 33-199.
- Gates, John W., Jr.: *See*—  
Elin, Herbert S., Bellis, and Gates. 2,763,639.  
Illingsworth, Bernard D., Dann, and Gates. 2,763,625.  
Van Campen, John H., and Gates. 2,763,552.
- Gates, Joseph H.,  $\frac{1}{2}$  to D. Gates. Power propelled hand truck. 2,770,310, 11-13-56, Cl. 180-19.
- Gates, Marshall A., Jr., to Merck & Co., Inc. Thebaine derivatives and process for manufacturing the same. 2,732,375, 1-24-56, Cl. 260-285.
- Gates, Marshall D., Jr., to Merck & Co., Inc.  $\Delta^8$  Dehydroisomorphinan intermediates and process for the production thereof. 2,766,245, 10-9-56, Cl. 260-285.
- Gates, Newman V., to The American Brass Co. Protecting hot extruded metal. 2,762,115, 9-11-56, Cl. 29-424.
- Gates, Paul E., to Sylvania Electric Products Inc. Gas tube assembling method. 2,740,186, 4-3-56, Cl. 29-25.13.
- Gates, Richard L.: *See*—  
Jacques, George E., and Gates. 2,733,318.  
Schunemann, Carl F., and Gates. 2,741,671.
- Gates, Richard L., to Thompson Products, Inc. Electric switch. 2,745,917, 5-15-56, Cl. 200-18.
- Gates, Robert C., to Gates & Sons, Inc. Method of making structural form tiles. 2,730,141, 1-10-56, Cl. 140-73.
- Gates, Rowland E., to The Arrow-Hart & Hegeman Electric Co. Rotary electric switch. 2,736,780, 2-28-56, Cl. 200-168.
- Gates Rubber Co., The: *See*—  
Mitchell, Lee W. 2,729,854.  
Page, Henry A. 2,753,001.
- Russell, Roy W., and Steckel. 2,750,986.
- Woolley, Richard P., and Hurry. 2,739,212.
- Gates, Sheldon W. Temperature indicating and warning system. 2,753,548, 7-3-56, Cl. 340-227.
- Gates & Sons, Inc.: *See*—  
Gates, Robert C. 2,730,141.
- Gates, Victor G. Toy boat. 2,735,219, 2-21-56, Cl. 46-95.
- Gates, Wheaton W. Cider mill. 2,767,643, 10-23-56, Cl. 100-96.
- Gateway Engineering Co.: *See*—  
Herrick, Henry G. 2,729,320.
- Gath, Friedrich: *See*—  
Stein, Wilhelm, and Gath. 2,739,760.
- Gathercole, Evan F. J.: *See*—  
Wills, Sydney A., and Gathercole. 2,745,188.
- Gatheridge, Marvin R., to Huyler's. Capping machine with automatic cap inserter. 2,768,491, 1-10-56, Cl. 53-310.
- Gathenau, Raymond D. Templates. 2,733,513, 2-7-56, Cl. 33-174.
- Gatling, Anthony D., to Dunlop Tire and Rubber Corp. Apparatus for playing yards. 2,730,859, 1-17-56, Cl. 57-58.3.
- Gatti, Gerald. Rock drilling apparatus. 2,740,610, 4-3-56, Cl. 255-51.
- Gattuso, Henry A. Screen printers. 2,747,502, 5-29-56, Cl. 101-126.
- Gattuso, Salvatore E., 8% to A. Capizzi, 8% to A. J. Pantano, 8% to P. Capizzi, and 25% to J. Radosti. Receptacles. 2,757,790, 8-7-56, Cl. 20-16.
- Gatzert, Ernest H., to General Dynamics Corp. Testing means in a signaling system. 2,732,441, 1-24-56, Cl. 179-175.2.
- Gatzert, Ernest H., to General Dynamics Corp. Drop-back selector. 2,748,194, 5-29-56, Cl. 179-18.
- Gatzert, Ernest H., to General Dynamics Corp. Gating circuit for changing to an operator's position. 2,757,240, 7-31-56, Cl. 179-27.
- Gätzl, Karl, and P. Müller, to J. R. Geigy A. G. Spirocyclic esters of sulphurous acid and their use as pest combating agents. 2,730,529, 1-10-56, Cl. 260-340.9.
- Gaubatz, Arthur W., to General Motors Corp. Compressor temperature sensing device. 2,741,919, 4-17-56, Cl. 73-343.
- Gaubatz, Arthur W., to General Motors Corp. Gas turbine engine with turbine nozzle cooled by combustion chamber jacket air. 2,743,979, 5-1-56, Cl. 60-39.36.
- Gaubatz, Arthur W., to General Motors Corp. Servomotor. 2,744,415, 5-8-56, Cl. 74-388.
- Gaubatz, Arthur W., to General Motors Corp. Centrifugal governor. 2,757,253, 7-31-56, Cl. 200-80.
- Gaubatz, Arthur W., to General Motors Corp. Fuel system. 2,757,387, 9-4-56, Cl. 103-10.
- Gaubatz, Arthur W., to General Motors Corp. Differential pressure switch. 2,767,275, 10-16-56, Cl. 200-81.4.
- Gaubert, Rene J., to Simplex Packaging Machinery, Inc. Bag filling apparatus. 2,757,842, 8-7-56, Cl. 226-59.
- Gaubert, Rene J., to Food Machinery and Chemical Corp. Conveying apparatus. 2,773,341, 12-11-56, Cl. 53-187.

- Gaubert, Rene J., and D. E. Prenville, to Food Machinery and Chemical Corp. Machine for forming bags. 2,768,673, 10-30-56, Cl. 154-42.
- Gaucher, Leon P.: *See*—  
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- Eastman, Du Bois, and Gaucher. 2,761,824.
- Eastman, Du Bois, and Gaucher. 2,767,785.
- Gaudi, Joseph. Machine for assembling coil springs. 2,749,948, 6-12-56, Cl. 140—92.94.
- Gaudi, Joseph, to M. J. Ryland. Apparatus for assembling coil springs to axles. 2,765,515, 10-9-56, Cl. 140—92.94.
- Gaudi, Joseph, to Springs, Inc. Machine for forming spring wire into zig-zag material and methods of forming zig-zag spring material. 2,770,262, 11-13-56, Cl. 140—71.
- Gaudechon, Jacques: *See*—  
Buisson, Paul J. C., Gailliot, and Gaudechon. 2,769,002.
- Gailliot, Paul, and Gaudechon. 2,734,057.
- Gailliot, Paul, and Gaudechon. 2,768,164.
- Gaudet, Harold D.: *See*—  
Messier, Allan H., and Gaudet. 2,764,170.
- Gaudin, Antoine M., to the United States of America as represented by the United States Atomic Energy Commission. Recovery of uranium from gold ore leach residues. 2,737,438, 3-6-56, Cl. 23—14.5.
- Gaudin, Antoine M., and R. Schuhmann, Jr., to the United States of America as represented by the United States Atomic Energy Commission. Process for extracting uranium from its ores. 2,736,634, Cl. 23—14.5.
- Gaudin, Louis, to Investor S. A. Machine for constructing elongated tubular concrete structures. 2,734,248, 2-14-56, Cl. 25—32.
- Gaudreau, Richard J., to Standard Foil Products Corp. Containers. 2,747,784, 5-29-56, Cl. 229—2.5.
- Gauf, George K., to New York Silicate Book Sales Co., Inc. Garment dryers. 2,773,814, 12-11-56, Cl. 34—91.
- Gauger, Roy C., to Consolidated Electrodynamics Corp. Device for measuring gas pressures. 2,745,059, 5-8-56, Cl. 324—33.
- Gauger, Roy C., to Consolidated Electrodynamics Corp. Pressure monitoring assembly for evacuating apparatus. 2,752,081, 6-26-56, Cl. 226—20.4.
- Gaugler, Edward A.: *See*—  
Nachman, Joseph F., and Buehler. 2,768,915.
- Gaugler, Richard S., to General Motors Corp. Freezing device. 2,752,702, 7-3-56, Cl. 62—108.5.
- Gaugler, Richard S., and R. Gallin, to General Motors Corp. Ice tray. 2,772,542, 12-4-56, Cl. 62—105.
- Gaum, Gilbert A., to National Cylinder Gas Co. Welding pipe coupling. 2,732,229, 1-24-56, Cl. 285—111.
- Gaut, Carol A. Jet propelled rotary drill bit. 2,753,154, 7-3-56, Cl. 255—4.
- Gaut, Eloise C.: *See*—  
Gaut, James K., Jr. and E. C. 2,768,444.
- Gaut, James K., Jr. and E. C. 2,768,444.
- Gaut, James K., Jr. and E. C.  $\frac{3}{4}$  of R. C. Gaut. Instruments for use in making perspective drawings. 2,768,444, 10-30-56, Cl. 33—77.
- Gauterin, Arthur G.: *See*—  
Dixon, Henry J., and Gauterin. 2,748,361.
- Gauthier, Alfred, G. M. B. H.: *See*—  
Rentschler, Waldemar T. 2,772,614.
- Gauthier, Grace. Container for a baby's bottle. 2,759,617, 8-21-56, Cl. 215—13.
- Gauthier, Guy, and R. Donaldson. Beach cleaning apparatus. 2,733,904, 2-7-56, Cl. 262—2.
- Gauthier, René. Tool carrier frames for endless-track vehicles. 2,741,377, 4-10-56, Cl. 214—130.
- Gautier, Lucien F. Bending machine chiefly for bending tubes and bars. 2,754,879, 7-17-56, Cl. 153—40.
- Gauvreau, William J. Telephone attachment. 2,754,370, 7-10-56, Cl. 171—90.
- Gaver, Kenneth M., to The Keever Starch Co. Treating starches with alkylarylsulfonates. 2,735,821, 2-21-56, Cl. 252—188.3.
- Gavey, Warren A. Variable door frame. 2,770,849, 11-20-56, Cl. 20—11.
- Gavreau, Vladimir, to Centre National de la Recherche Scientifique (C. N. R. S.). Noise excluding telephone receiver. 2,757,247, 7-31-56, Cl. 179—182.
- Gavurin, Jacob. Die rolling machine. 2,730,916, 1-17-56, Cl. 80—2.
- Gaw, J. Wilson. Fish lure. 2,745,206, 5-15-56, Cl. 43—42.06.
- Gawthrop, Norman H.: *See*—  
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- Gay-Bell Corp.: *See*—  
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- Bell, Harry G., Heizer, and Gay. 2,766,782.
- Gay, Cecil H., and G. J. and E. E. Schoessow, to The Babcock & Wilcox Co. Wall construction. 2,736,400, 2-28-56, Cl. 139—34.
- Gay, Don A.: *See*—  
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- Darby, Marshall T., and Gay. 2,740,964.
- Gay, Douglas J., Jr.: *See*—  
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- Gay, Jacob D., Jr.: *See*—  
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- Gaydash, Alexander, and W. K. T. Gleim, to Universal Oil Products. Process of production of substituted quinones. 2,730,535, 1-10-56, Cl. 260—396.
- Gayer, Frederick H. Ester acids from higher fatty acids and resin acids. 2,744,889, 5-8-56, Cl. 260—97.5.
- Gayley, Charles T. Welding electrode and method. 2,737,150, 3-6-56, Cl. 118—205.
- Gaylor, John A. Parachute release. 2,740,656, 4-3-56, Cl. 294—83.
- Gaylor, Charles P., Jr. Holster for side arms. 2,765,968, 10-9-56, Cl. 224—2.
- Gaylor Container Corp.: *See*—  
George, Walter C. 2,735,608.
- George, Walter C. 2,736,487.
- George, Walter C., Nye, and Bousquet. 2,729,384.
- Nye, William T. 2,767,556.
- Repping, Edward P., George, and Fallert. 2,734,349.
- Schoknecht, Robert J., and Spiegel. 2,736,460.
- Wasyluka, Paul. 2,735,607.
- Gaylor, James K., to Gaylor Products, Inc. Rotary speed responsive switch having a rotatable vane-helical contact. 2,754,386, 7-10-56, Cl. 200—80.
- Gaylor, James K., R. J. Carter, and P. T. Hahn, to Gaylor Products, Inc. Switch for anti-creep device. 2,740,009, 3-27-56, Cl. 200—61.47.
- Gaylor, James K., and I. R. Green, to Gaylor Products, Inc. Adjustable speed responsive switch. 2,751,452, 6-19-56, Cl. 200—80.
- Gaylor, James K., and P. T. Hahn, to Gaylor Products, Inc. Resiliently biased rotary speed-responsive switch. 2,751,453, 6-19-56, Cl. 200—80.
- Gaylor, James K., and P. T. Hahn, to Gaylor Products, Inc. Method of controlling rotary speed responsive switch. 2,751,454, 6-19-56, Cl. 200—80.
- Gaylor, James K., and A. E. Cieply, Jr., to Gaylor Products, Inc. Rotary speed actuated switch. 2,754,385, 7-10-56, Cl. 200—80.
- Gaylor, James K., and L. E. Thatcher, to Gaylor Products, Inc. Rotary speed responsive switch. 2,761,034, 8-23-56, Cl. 200—80.
- Gaylor, James K., L. E. Thatcher, and P. T. Hahn, to Gaylor Products, Inc. Mounting means for speed responsive switch. 2,761,035, 8-23-56, Cl. 200—80.
- Gaylor, James K., R. J. Carter, and P. T. Hahn, to Gaylor Products, Inc. Automotive anti-creep device with pendulum switch means. 2,762,476, 9-11-56, Cl. 192—3.
- Gaylor, James K., and P. T. Hahn, to Gaylor Products, Inc. Adjustable rotary speed responsive switch. 2,766,347, 10-9-56, Cl. 200—80.
- Gaylor, John A. Barometric parachute release. 2,743,891, 5-1-56, Cl. 244—150.
- Gaylor Products, Inc.: *See*—  
Cloonan, Robert L. 2,759,060.
- Gaylor, James K. 2,754,386.
- Gaylor, James K., Carter, and Hahn. 2,740,009.
- Gaylor, James K., Carter, and Hahn. 2,762,476.
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- Gaylor, James K., and Hahn. 2,751,454.
- Gaylor, James K., and Hahn. 2,766,347.
- Gaylor, James K., and Thatcher. 2,761,034.
- Gaylor, James K., Thatcher, and Hahn. 2,761,035.
- Thatcher, Lewis E. 2,759,059.
- Thatcher, Lewis E. 2,761,032.
- Thatcher, Lewis E. 2,761,033.
- Thatcher, Lewis E. 2,761,036.
- Gaymont, Stephen. Method of bacterial incubation control and apparatus therefor. 2,767,118, 10-16-56, Cl. 195—96.
- Gaynor, Edwin G.: *See*—  
Kohler, William L., and Gaynor. 2,766,438.
- Gazelle, Roland J.,  $\frac{1}{2}$  to W. T. Anderson. Buoyant safety belt. 2,760,212, 8-28-56, Cl. 9—19.
- Gazelle, Roland J.,  $\frac{1}{2}$  to W. T. Anderson. Brassiere construction. 2,764,759, 10-2-56, Cl. 2—42.
- Gazley, Richard C., to The Cleveland Pneumatic Tool Co. Omni-directional shock and vibration isolating device. 2,756,952, 7-31-56, Cl. 248—13.
- Gazzola, Albert L., and R. B. Angier, to American Cyanamid Co. Arsenic containing substituted pteridines. 2,760,960, 8-28-56, Cl. 260—242.
- Geach, Charles J.: *See*—  
Habeshaw, John, and Geach. 2,729,650.
- Geale, Frederick: *See*—  
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- Gear Grinding Machine Co., The: *See*—  
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- Brady, Samuel G. 2,745,229.
- Brady, Samuel G. 2,750,718.
- Brady, Samuel G., and Rudnicki. 2,755,599.
- Gruenberg, Ivor J. 2,767,881.
- Muehling, Anthony A., Gruenberg, and Mustonen. 2,767,885.
- Rudnicki, Ireneusz M. 2,767,520.
- Gear, James L. Quickly attachable mount for electrical fixtures. 2,766,434, 10-9-56, Cl. R. 339—122.
- Gearhart, Roy E.,  $\frac{1}{2}$  to R. F. Dickens. Overload clutch. 2,775,327, 12-25-56, Cl. 192—56.
- Gearhart, Roy E., and R. F. Dickens. Screw holding attachment for screwdrivers. 2,737,988, 3-13-56, Cl. 145—50.
- Gearhart, William M., and J. D. Crowley, to Eastman Kodak Co. Process of heat bodying drying oils with polyethylene wax as a bodying agent. 2,739,975, 3-27-56, Cl. 260—407.
- Gearheart, John D., and M. V. Soczazawa, to Clary Corp. Ribbon feeding and reversing mechanism for printing machines. 2,744,605, 5-8-56, Cl. 197—165.
- Geary, Frederick L., to United Aircraft Corp. Support means. 2,735,262, 2-21-56, Cl. 60—35.6.



- Geasland, John E.: *See*—  
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- Geaque, Robert E.: *See*—  
Laub, Herman, III. 2,734,323.
- Gebauer, Charles L., to The Gebauer Chemical Co. Liquid lubricant dispenser. 2,768,032, 10-23-56, Cl. 299—107.
- Gebauer, Charles L., The: *See*—  
Gebauer, Charles L. 2,768,032.
- Gebel, Irving: *See*—  
Soreng, Edgar M., and Gebel. 2,737,025.
- Gebel, Irving, to Soreng Products Corp. Fill control unit for automatic washing machines. 2,732,445, 1-24-56, Cl. 200—15.
- Gebel, Irving, to Soreng Products Corp. Control unit for electrical instrumentalities. 2,737,826, 3-13-56, Cl. 74—527.
- Gebel, Irving, to Controls Co. of America. Push button operated mechanism. 2,766,373, 10-9-56, Cl. 240—2.
- Gebhardt, Neil H. Ash removal unit. 2,746,809, 5-22-56, Cl. 302—39.
- Gebhart, Dave F. Tractor mountable support frame and cutting assembly. 2,734,326, 2-14-56, Cl. 56—254.
- Gebhart, Floyd C. Trailer jack. 2,734,726, 2-14-56, Cl. 254—86.
- Geddes, Floyd C. Ball and socket trailer coupling with connection facilitating means. 2,736,575, 2-28-56, Cl. 280—477.
- Gebhart, Franz: *See*—  
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- Gebhart, George D. Food-waste reduction devices. 2,727,836, 12-4-56, Cl. 241—46.
- Gebh, Boehringer G. m. b. H.: *See*—  
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- Gebr. Poesgen G. m. b. H.: *See*—  
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- Gebr. Staubli & Co.: *See*—  
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- Gebrüder Holler Maschinenfabrik: *See*—  
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- Gebrüder Junghans A. G.: *See*—  
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- Junghans, Helmut, and Hartner. 2,731,790.
- Gebrüder Sucker G. m. b. H.: *See*—  
Kabelitz, Hans. 2,775,046.
- Gebrüder Welger Maschinenfabrik: *See*—  
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- Gebis, Richard W., and B. W. Ridley. Degaussing system. 2,730,063, 1-10-56, Cl. 114—240.
- Gedde, Erik, to American Can Co. Can body side seam solder fluxing mechanism. 2,751,874, 6-26-56, Cl. 113—95.
- Gedde, Erik, to American Can Co. Can body making machine with rotatable seam assembling mechanism. 2,773,465, 12-11-56, Cl. 113—8.
- Gedde, Erik, to American Can Co. Method of soldering can bodies. 2,773,468, 12-11-56, Cl. 113—120.
- Gee, Robert E., Jr., and H. J. Hagemeier, Jr., to Eastman Kodak Co. Oxidation of cyanoalkanes to cyanoalkenes with molecular oxygen. 2,734,909, 2-14-56, Cl. 260—465.9.
- Geer, William J., to General Motors Corp. Valve rotating mechanism. 2,766,746, 10-16-56, Cl. 123—90.
- Geertsen, Nelson, to American Can Co. Prefolding mechanism for side seamed can bodies. 2,742,872, 4-24-56, Cl. 113—7.
- Geertsen, Nelson, to American Can Co. Tear open container with separate tongue. 2,753,075, 7-3-56, Cl. 220—54.
- Geertsen, Nelson, to American Can Co. Method of preforming welding projections on opening keys. 2,760,263, 8-28-56, Cl. 29—554.
- Geery, Paul W.: *See*—  
Erath, Louis W., Madeley, and Geery. 2,772,388.
- Geese, Charles F., to Steel Dot Corp. Lithographic plate process. 2,750,881, 6-19-56, Cl. 101—149.2.
- Geffcken, Walter, to Jenaer Glaswerk Schott & Gen. Optical glass. 2,745,757, 5-15-56, Cl. 106—54.
- Geffcken, Walter, and H. Schröder, to Jenaer Glaswerk Schott & Gen. Light source, searchlight or the like for polarized light. 2,748,659, 6-5-56, Cl. 88—65.
- Geffcken, Walter, and C. Eden, to Jenaer Glaswerk Schott & Gen. Means and method for the electric melting of glass. 2,749,379, 6-5-56, Cl. 13—34.
- Geffroy, Robert, and P. L. C. de Sedouy, to Tradimex. Cooperative commerciale. Oxygen generator. 2,775,511, 12-25-56, Cl. 23—281.
- Gegenheimer, Harold W., and C. O. Siebke, to Miller Printing Machinery Co. Sheet handling mechanism and method for multi-color perfecter press. 2,757,610, 8-7-56, Cl. 101—183.
- Gegenschatz, Walter: *See*—  
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- Gegner, Frederick J., and A. A. Reid, to General Mills, Inc. Seam for gored balloons. 2,767,941, 10-23-56, Cl. 244—31.
- Gehauf, Bernard, to the United States of America as represented by the Secretary of War. Dyestuffs. 2,769,001, 10-30-56, Cl. 260—240.
- Geismar, George, to Joy Mfg. Co. Magnet controlled connectors. 2,735,990, 2-21-56, Cl. 339—86.
- Gelman, George. Safety for firearms. 2,775,051, 12-25-56, Cl. 42—70.
- Gelman, Samuel D.: *See*—  
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- Gehnett, Adam. Rail anchor. 2,765,987, 10-9-56, Cl. 238—327.
- Gehre, Hans, to Elster & Co. Meter for measuring the volume of fluids flowing in a pipe line. 2,749,752, 6-12-56, Cl. 73—230.
- Gehre, Hans. Gas flow measuring equipment. 2,773,384, 12-11-56, Cl. 73—230.
- Gehrer, Rudolf, to Fortuna-Werke Spezialmaschinenfabrik A.-G. Rollers. 2,761,547, 9-4-56, Cl. 198—127.
- Gehres, Hewitt A., to Cooper-Bessmer Corp. Propeller pitch control mechanism. 2,745,502, 5-15-56, Cl. 170—160.32.
- Gehrig, Walter. Combined weights and assembly members. Re. 24,247, 12-4-56, Cl. 43—43.1.
- Gehrig, Walter. Angle of attack governed aircraft apparatus. 2,753,835, 7-10-56, Cl. 116—124.
- Gehrig, Walter. Combined fishing weights and assembly bodies. 2,770,910, 11-20-56, Cl. 43—44.9.
- Gehring, Paul C., to Fairchild Camera and Instrument Corp. Photographic text correction machine. 2,752,818, 7-3-56, Cl. 88—24.
- Gehring, Paul C., and H. C. Schwalm, to International Standard Electric Corp. Indicating system for reading film. 2,761,351, 9-4-56, Cl. 88—24.
- Geheiler, Albert. Opener for tear strip containers. 2,759,627, 8-21-56, Cl. 220—52.
- Gelb, Robert L., and D. F. Pennie, to The Maico Co., Inc. Coaxial-type multiple conductor contact plug. 2,731,614, 1-17-56, Cl. 339—183.
- Gelb, Robert L., and H. S. Wiley, to The Maico Co., Inc. Microphone mounting for hearing aids. 2,733,302, 1-31-56, Cl. 179—107.
- Geier, John W., to American Machine & Foundry Co. Cigarette machine cutoff mechanism. 2,737,217, 3-6-56, Cl. 146—101.
- Geier, Leonard, to Raytheon Mfg. Co. Magnetron tuning structures. 2,733,581, 1-31-56, Cl. 315—39.61.
- Geiger, Albert: *See*—  
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- Geiger, John H. Apparatus for hydraulic brake systems. 2,741,896, 4-17-56, Cl. 60—54.6.
- Geiger, Rolf. Tool supporting means for duplicating machines and the like. 2,767,919, 10-23-56, Cl. 90—13.4.
- Geiger, William C., Jr., to I-T-E Circuit Breaker Co. Combined air puffer air buffer for circuit breakers. 2,775,670, 12-25-56, Cl. 200—148.
- Geigy Chemical Corp.: *See*—  
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- Schindler, Walter, and Hafiger. 2,764,580.
- Geigy, J. R., A. G.: *See*—  
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- Bossard, Werner, and Bitterlin. 2,768,159.
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- Bossard, Werner, and Reding. 2,760,959.
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- Häflinger, Franz, and Schindler. 2,739,984.
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- Hindermann, Peter, and Jung. 2,750,377.
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- Margot, Alfred, and Gysin. 2,762,740.
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- Schetty, Guido. 2,750,522.
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- Stoll, Willy. 2,749,343.
- Stoll, Willy, and Schmid. 2,729,643.
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- Geisel, Paul E., to A. N. Lucian. Jet power plant for aircraft. 2,744,381, 5-8-56, Cl. 60—35.6.
- Geiselman, Arnold: *See*—  
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- Geiselman, Arthur: *See*—  
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- Geiser, Kenneth R., to General Electric Co. Continuous running recorder for transients. 2,768,049, 10-23-56, Cl. 346—21.
- Geisinger, Abel F.: *See*—  
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- Geisler, Alfred H., to General Electric Co. Automatic pole figure recorder. 2,761,068, 8-28-56, Cl. 250—52.

- Geisler, Harold F., to Meat Separator Corp. Apparatus for separating meat from bones. 2,734,537, 2-14-56, Cl. 146-76.
- Geisler, Harold F., to Meat Separator Corp. Method of separating meat. 2,734,540, 2-14-56, Cl. 146-222.
- Geisler, Harold F., and J. R. Thompson, to Meat Separator Corp. Meat recovery apparatus for cooked poultry necks. 2,761,479, 9-4-56, Cl. 146-76.
- Geisler, Helmut J., to International Business Machines Corp. Gas tube counter. 2,730,655, 1-10-56, Cl. 315-84.5.
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- Geisler, Henry A.: *See—*
- Potter, Donald A., and Geisler. 2,759,802.
- Geisler, Henry A., to Stewart-Warner Corp. Freeze prevention in jet aircraft purge gas generators. 2,743,997, 5-1-56, Cl. 23-281.
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- Geisler, Lyle: *See—*
- Keem, August, and Geisler. 2,740,542.
- Geisler, William, and W. B. Morton, to Wilbro Corp. Packing tape. 2,732,995, 1-31-56, Cl. 229-33.
- Geisow, John C.: *See—*
- Bennett, Albert E., and Geisow. 2,742,085.
- Geisselsdorf, Albrecht R., to International Standard Electric Corp. Dry contact rectifier. 2,758,262, 8-7-56, Cl. 317-234.
- Geissman, Theodore A., to Smith, Kline & French Laboratories. Sulfonoyl esters of  $\beta$ -aminoalcohols. 2,734,068, 2-7-56, Cl. 260-456.
- Geissmann, Gladys W., Trouser pocket construction. 2,757,382, 8-7-56, Cl. 2-247.
- Geistlich, Ed., Sohne A. G. für Chemische Industrie: *See—*
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- Gelb, Herbert, to Joseph Gelb Co. Illuminator. 2,760,419, 8-28-56, Cl. 95-76.
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- Gelb, Herbert, to Joseph Gelb Co. Registering gage. 2,772,485, 12-4-56, Cl. 313-184.5.
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- Gelb, Herbert. 2,772,485.
- Gelbocke, Alexander, to St. Regis Bates S. A. Multi-ply bags and methods for making same. 2,729,150, 1-3-56, Cl. 93-35.
- Geldhof, Peter E., to Whirlpool-Seeger Corp. Agitator. 2,734,367, 2-14-56, Cl. 68-133.
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- Gelfand, Louis, and V. G. Sharpe, to General Motors Corp. Refrigerating apparatus with vertically slidable door means. 2,737,781, 12-3-56, Cl. 62-89.
- Gelfand, Louis, and R. F. McLean, to General Motors Corp. Vehicle window regulator. 2,763,508, 9-18-56, Cl. 296-44.
- Gell, William H.: *See—*
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- Geller, Julius, to Rütgerswerke-Aktiengesellschaft. Vaporization and cracking of liquids or mixtures of liquids, more particularly of hydrocarbons. 2,758,061, 8-7-56, Cl. 196-47.
- Geller, Michael. Oil tank filling alarm. 2,761,412, 9-4-56, Cl. 116-110.
- Gellert, Donald N., to Contour Abrasive Co., Inc. Abrasive articles and the like and holders therefor. 2,747,343, 5-29-56, Cl. 51-168.
- Gellman, Abe Co., Inc.: *See—*
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- Gellman Mfg. Co.: *See—*
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- Gemme, Leon H., to L. Farber Weltling Co. Method of making beaded wetting for shoes. 2,763,879, 9-25-56, Cl. 12-13.
- Gemmel, Christer H., and N. E. F. Willen, to International Ytong Co. AB. Method for the production of protection layer on armature iron for moulding into concrete especially light concrete or similar materials. 2,768,094, 10-23-56, Cl. 117-70.
- Gemmer, Victor H., to Teletype Corp. Positive engaging clutch. 2,735,526, 2-21-56, Cl. 192-28.
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- Gendreau, Joseph A., J. Fuller, and E. Domingue. Sander attachment for motor vehicles. 2,775,474, 12-25-56, Cl. 291-23.
- Gendron Wheel Co.: *See—*
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- General Aniline & Film Corp.: *See—*
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- General Dynamics Corp. *See*—**  
 Brady, Merle C. 2,729,730.  
 Clements, Claude W., and Fanyo. 2,758,469.  
 Confeld, James D. 2,748,193.  
 Confeld, James D. 2,769,862.  
 Donovan, Howard W. 2,746,314.  
 Donovan, Howard W. 2,768,258.  
 Droel, Louis W. 2,754,371.  
 Droel, Louis W. 2,757,241.  
 Droel, Louis W. 2,769,035.  
 Droel, Louis W., and Kucharski. 2,749,395.  
 Fisher, Charles R. 2,730,578.  
 Frankel, Theodor. 2,734,947.  
 Frankel, Theodor. 2,745,058.  
 Frankel, Theodor. 2,759,063.  
 Frankel, Theodor. 2,770,091.  
 Gatzert, Ernest H. 2,732,441.  
 Gatzert, Ernest H. 2,748,194.  
 Gratian, Joseph W. 2,730,699.  
 Gratian, Joseph W. 2,737,840.  
 Gratian, Joseph W. 2,748,377.  
 Gratian, Joseph W., and Holmes. 2,756,276.  
 Green, George G. 2,752,113.  
 Henson, Floyd H. 2,765,370.  
 Higgins, Alfred P., and Gordon. 2,738,823.  
 Higgins, Alfred P., and Gordon. 2,751,871.  
 Hohart, Donald L. 2,766,997.  
 Howell, Arthur S. 2,773,223.  
 Kessler, Frank. 2,745,903.  
 Kessler, Frank. 2,773,138.  
 Manley, Fred A. 2,761,913.  
 McCardie, Beryl. 2,753,452.  
 McNaney, Joseph T. 2,730,708.  
 McNaney, Joseph T. 2,735,956.  
 McNaney, Joseph T. 2,736,770.  
 McNaney, Joseph T. 2,761,988.  
 Morris, Frank A. 2,761,104.  
 Morris, Frank A. 2,773,936.  
 Morris, Frank A. 2,773,937.  
 Morris, Frank A. 2,773,947.  
 Mountjoy, Garrard. 2,755,468.  
 Murray, James S. 2,732,442.  
 Osberg, Chester F., and Cooper. 2,771,533.  
 Pharis, William W. 2,744,963.  
 Pharis, William W. 2,747,016.  
 Pharis, William W. 2,753,401.  
 Pharis, William W. 2,765,369.  
 Pharis, William W. 2,773,938.  
 Pike, Alfred S. 2,749,944.  
 Reagan, Leon H. 2,730,568.  
 Reagan, Leon H. 2,744,964.  
 Reagan, Leon H. 2,744,967.  
 Reagan, Leon H. 2,749,389.  
 Schwidetzky, Walter H. 2,729,972.  
 Steinhardt, Lawrence R. 2,758,237.  
 Trousdale, Robert B. 2,736,860.  
 Trousdale, Robert B. 2,737,587.  
 Trousdale, Robert B. 2,769,085.  
 Trousdale, Robert B. 2,773,935.  
 Trousdale, Robert B. 2,773,939.  
 Trousdale, Robert B. 2,773,982.  
 Trousdale, Robert B. 2,774,071.  
 Trousdale, Robert B. 2,774,888.  
 Trousdale, Robert B., and Morris. 2,773,934.
- General Electric Co. *See*—**  
 Acton, Jack C., and Zeissler. 2,749,460.  
 Acton, Jack C., and Zeissler. 2,774,900.  
 Agens, Maynard C. 2,742,428.  
 Akely, Lloyd T. 2,761,080.  
 Albrecht, Warren F. 2,749,528.  
 Alford, Joseph S. 2,739,644.  
 Amsden, Ralph D. 2,768,260.  
 Andersen, Herbert H., and Allen. 2,750,585.  
 Anderson, James T. 2,740,726.  
 Anderson, Ray E. 2,740,936.  
 Anderson, Robert M. 2,728,960.  
 Anderson, Robert M. 2,756,577.  
 Anderson, Robert M. 2,756,578.  
 Atchison, Leonard W. 2,746,270.  
 Atchison, Leonard W. 2,747,269.  
 Atchison, Leonard W. 2,759,333.  
 Bahn, John J., and Victor. 2,742,582.  
 Bainton, George W., Jr. 2,768,146.  
 Baird, Leslie L. 2,744,974.  
 Baker, John H. 2,746,244.  
 Baker, John H., and Jacobson. 2,739,441.  
 Bakke, Hans A., and Gabrielson. 2,746,302.  
 Baldwin, Morris J. 2,745,030.  
 Bail, Richard H., Murdock, and Ogle. 2,734,585.  
 Baskerville, Ralph J. 2,756,306.  
 Bateman, John T. 2,768,509.  
 Bayless, Frank K. 2,766,699.

## General Electric Co.: See—Continued

Beatty, John W., and Anderson, 2,740,859.  
 Beaubien, William H. 2,750,576.  
 Beaubien, William H. 2,767,362.  
 Beaubien, William H. 2,767,371.  
 Bechard, Conrad E., and Hermanson, 2,732,878.  
 Bechard, Conrad E., and Schoenoff, 2,736,873.  
 Bechard, Conrad E., and Schoenoff, 2,736,874.  
 Beck, Charles E. 2,733,419.  
 Bedford, Burnice D. 2,733,306.  
 Bedford, Burnice D. 2,759,126.  
 Belsey, Frederick H. 2,759,574.  
 Benander, George B. 2,733,482.  
 Benander, George B. 2,752,442.  
 Benander, George B. 2,752,581.  
 Benander, George B. 2,756,401.  
 Benander, George B., and Johnson, 2,762,022.  
 Bentler, Carolee C., and Johnson, 2,755,255.  
 Billings, Harvey C., Jr. 2,749,408.  
 Bivens, Maurice E. 2,740,045.  
 Bivens, Maurice E. 2,755,394.  
 Bivens, Maurice E. 2,764,700.  
 Bivens, Maurice E. 2,765,402.  
 Black, Richard. 2,745,445.  
 Boeckel, John W. 2,748,302.  
 Bondley, Ralph J. 2,742,617.  
 Bondley, Ralph J. 2,756,588.  
 Bortemiller, Edward L. 2,748,295.  
 Bovenkerk, Harold P. 2,742,355.  
 Bovenkerk, Harold P. 2,742,556.  
 Bowles, Ernest G., and Miles, 2,749,847.  
 Bowtell, James N. 2,761,087.  
 Bowtell, James N., and Miles, 2,740,914.  
 Boyles, Robert L. 2,757,507.  
 Brandstreck, Robert B., and Hickin, 2,751,451.  
 Bramhall, George H., and Kennitz, 2,771,152.  
 Brammerlo, Allen A. 2,774,024.  
 Brandick, Robert A., and Smith, 2,741,726.  
 Breadyer, Robert L., and Simms, 2,740,570.  
 Breadyer, Robert L., and Simms, 2,745,982.  
 Brennan, Daniel H., and Chisholm, 2,755,106.  
 Brezovsky, Bernard J., and Ferguson, 2,743,875.  
 Briggs, James L., Jr., and Hannon, 2,744,822.  
 Brightman, John B. 2,731,587.  
 Broverman, Michael. 2,740,100.  
 Brown, Burton P., Jr. 2,735,092.  
 Buckland, Bruce O., and Hillman, 2,775,094.  
 Buckland, Bruce O., Sanders, and Gardiner, 2,774,722.  
 Buehne, Willis G. 2,772,343.  
 Burkhard, Charles A. 2,756,246.  
 Burkhard, Charles A. 2,757,208.  
 Burnett, George H., and Enizio, 2,764,956.  
 Burton, Lester W. 2,731,528.  
 Burton, Lester W., and Jackson, 2,744,218.  
 Busch, Floyd H., and Quaglieri, 2,772,109.  
 Cady, Charles E. 2,757,889.  
 Cady, Charles E., and Wagner, 2,764,742.  
 Cain, Dallas E. 2,768,506.  
 Cain, Dallas E., and Fry, 2,752,023.  
 Caird, David W. 2,732,840.  
 Camilli, Guglielmo, Kierstead, Vandergriff, and Russ, 2,751,562.  
 Camilli, Guglielmo, and Vandergriff, 2,761,101.  
 Campbell, Jackson L. 2,774,102.  
 Campbell, John H. 2,733,371.  
 Campbell, John H. 2,733,382.  
 Campbell, John H. 2,765,428.  
 Capps, James H. 2,735,974.  
 Carberry, Richard J. 2,745,710.  
 Carberry, Richard J. 2,755,157.  
 Carlson, Morris W. 2,752,455.  
 Carson, Paul A. 2,746,011.  
 Carter, Charles J. 2,757,220.  
 Casey, Robert T. 2,738,444.  
 Casler, Adrien F., and Carlstrom, 2,729,916.  
 Casler, Adrien F., Spicer, and Canfield, 2,765,076.  
 Casler, Adrien F., and Zimmerman, 2,748,937.  
 Cedarstrom, Curtiss M., Blair, and Russ, 2,756,397.  
 Chamberlain, Harvey H., and Balaban, 2,761,005.  
 Cherry, Peter W. 2,747,328.  
 Christen, Robert E. 2,765,981.  
 Clark, Edward B. 2,729,414.  
 Clark, Howard L., and Washburn, 2,758,274.  
 Clark, James R., and Mittermaier, 2,741,528.  
 Clark, Kendall. 2,752,796.  
 Clark, Kendall. 2,762,483.  
 Coffman, John A. 2,760,368.  
 Coggeshall, Almy D., and Stafford, 2,747,118.  
 Coggeshall, Thelwell R., and Tognella, 2,769,874.  
 Colleran, Paul J., English, and Mulski, 2,756,374.  
 Collins, Gordon D. 2,756,938.  
 Conkling, Donald R. 2,764,662.  
 Conlee, George D. 2,767,569.  
 Cook, Ellsworth D. 2,755,702.  
 Cook, Newell C. 2,757,167.  
 Cook, Newell C., Cobine, and Wolfe, 2,768,061.  
 Cooper, John B., and Brown, 2,763,383.  
 Coyne, Gerard G. 2,750,762.  
 Coyne, Gerard G. 2,754,661.  
 Creiman, Lyle P. 2,771,560.  
 Creiman, Lyle P., and Peterson, 2,767,329.  
 Cressman, Robert C., and Reihman, 2,771,521.  
 Cross, Richard N. 2,759,684.  
 Crowley, George C. 2,772,338.

## General Electric Co.: See—Continued

Crowley, George C., and Wise, 2,768,273.  
 Cunningham, Eldon R. 2,750,137.  
 Cunningham, Eldon R. 2,756,013.  
 Curley, Bruce A. 2,763,800.  
 Cusano, Dominic A., and Studer, 2,732,313.  
 Cutler, Leon H. 2,767,295.  
 Dally, Roy. 2,748,199.  
 Daniel, Marvin P. 2,750,923.  
 Daszewski, Edward W. 2,730,466.  
 Daszewski, Edward W. 2,730,467.  
 Davidson, Thomas R. N., and Scruton, 2,769,520.  
 Davidson, William E. 2,755,158.  
 Davis, Fred, Penn, and Puffer, 2,743,515.  
 Davis, Reuel L., Jr., and Newman, 2,772,408.  
 Dehn, Rudolph A. 2,745,910.  
 Dell, Paul A. 2,733,363.  
 Dell, Paul A., and Lazina, 2,773,520.  
 Devine, George F., and Foster, 2,745,954.  
 Dichter, Channing, 2,732,511.  
 Dietz, Leonard A. 2,767,318.  
 Dietz, Leonard A. 2,772,362.  
 Dills, Raymond L. 2,741,370.  
 Dills, Raymond L. 2,764,342.  
 Dilts, Lee E. 2,736,194.  
 Dilts, Lee E. 2,736,344.  
 Dochterman, Richard W. 2,740,908.  
 Dome, Robert B. 2,768,159.  
 Dome, Robert B. 2,773,122.  
 Dorsey, Robert T. 2,749,432.  
 Dripps, William F. 2,757,360.  
 Du Hamell, Daniel L., Jr. 2,750,782.  
 Dunlap, William C., Jr. 2,736,822.  
 Dunlap, William C., Jr. 2,752,434.  
 Dunlap, William C., Jr. 2,752,553.  
 Dunn, George B., and Strang, 2,758,228.  
 Edman, Carl A. 2,754,399.  
 Engenberger, Markus A., and Ipsen, 2,747,373.  
 Ehorn, William F. 2,754,657.  
 Ellenberger, Francis R. 2,761,152.  
 Elliott, John R. 2,737,447.  
 Elliott, John R. 2,754,311.  
 Elliott, John R. 2,754,312.  
 Elliott, Marvel A. 2,741,498.  
 Elmendorf, Duryea E., and Foote, 2,740,370.  
 English, Albert C., and Dearbrook, 2,765,245.  
 Ennis, Arthur S. 2,734,096.  
 Ericson, Carl H. 2,748,182.  
 Ericson, Eric A. 2,761,937.  
 Ericson, Eric A., and Rowe, 2,732,455.  
 Estes, Phillip H. 2,765,274.  
 Euler, George M. 2,740,858.  
 Euler, George M. 2,752,461.  
 Euler, George M. 2,760,014.  
 Euler, George M., and Slonneger, 2,729,756.  
 Evans, David W. 2,765,046.  
 Evans, Thomas M. 2,769,954.  
 Famolare, Guy, and Sheahan, 2,740,981.  
 Favre, John A. 2,754,387.  
 Fehr, Robert O., Duckwald, Ringlee, and Hellar, 2,734,834.  
 Felertag, Karl M. 2,751,455.  
 Felertag, Karl M. 2,764,802.  
 Ferguson, Alexander D. 2,755,355.  
 Finch, Thomas E. 2,747,074.  
 Finholt, Robert W. 2,737,505.  
 Finholt, Robert W. 2,755,267.  
 Finholt, Robert W., and Abolins, 2,730,474.  
 Finlayson, Frank E. 2,750,692.  
 Finlayson, Frank E., and Denton, 2,737,737.  
 Fisher, Alec. 2,758,226.  
 Flske, Augustus H., Jr., and Morley, 2,738,671.  
 Fitzgerald, Albert J. 2,742,116.  
 Fitzgerald, Albert J. 2,767,765.  
 Fitzgerald, Williams S. 2,757,271.  
 Flater, Anders H. 2,742,561.  
 Flaws, John, Jr., Reynolds, and Meckstroth, 2,748,450.  
 Fleischer, Frank H. 2,740,910.  
 Fleming, William J. 2,765,046.  
 Flowers, Ralph G., and Holmberg, 2,769,739.  
 Fonda, Allen E., and Horvay, 2,746,830.  
 Foulke, Ted E. 2,765,417.  
 Francis, Victor J. 2,733,173.  
 Francis, Wallace R., Mapelsden, and Williams, 2,756,403.  
 Fries, John H. 2,739,735.  
 Frisch, Kurt C. 2,759,959.  
 Froelich, Herman C. 2,743,287.  
 Froelich, Herman C. 2,743,239.  
 Froelich, Herman C. 2,743,240.  
 Froelich, Herman C. 2,765,212.  
 Gabrielson, Samuel I., and Coates, 2,729,963.  
 Gamarekian, Soeren E. 2,765,405.  
 Garrett, Donald B., and Wood, 2,758,248.  
 Gaskill, Alfred T. 2,745,742.  
 Geiser, Kenneth R. 2,765,049.  
 Geisler, Alfred H. 2,765,064.  
 Gerry, Otto F. 2,737,371.  
 Gerry, Otto F. 2,737,603.  
 Gilbert, Alfred R. 2,768,193.  
 Gilliam, William F. 2,754,353.  
 Glitzdanner, Louis G. 2,774,934.  
 Glenn, William E. 2,765,806.  
 Goodale, Edmund E., and Lichtenstein, 2,768,312.  
 Goodman, Gilbert. 2,729,757.



## General Electric Co.: See—Continued

Goodman, Gilbert. 2,731,419.  
 Goss, Wesley R. 2,740,904.  
 Gould, Herbert R., and Hamilton. 2,731,607.  
 Gould, Herbert R., and Schvetchuk. 2,734,176.  
 Graves, Donald E., and Cameli. 2,745,020.  
 Gray, Willard F. M. 2,750,474.  
 Gracie, Herbert E. 2,767,660.  
 Grimshaw, Charles S. 2,729,778.  
 Gross, Malvern J., and Gustafson. 2,756,368.  
 Grovenmiller, Dale A. 2,733,421.  
 Grubb, Willard T. 2,754,313.  
 Grubb, Willard T., Jr. 2,737,499.  
 Grube, Frederick J., and Demchok. 2,752,957.  
 Gurewitsch, Anatole M., and Noble. 2,749,438.  
 Gustafson, Ralph W. 2,741,676.  
 Gustafsson, David W. 2,761,626.  
 Guth, Lauren W. 2,759,485.  
 Hall, Russell S. 2,767,562.  
 Hamm, Clarence L. 2,753,473.  
 Hammerly, Herman J. 2,732,535.  
 Hammerly, Herman J. 2,738,399.  
 Hammerly, Herman J., Casey, and Yeamans. 2,738,445.  
 Hamman, Elmer. 2,740,904.  
 Hansen, Wilbur O. 2,768,347.  
 Hardwick, Robert F. 2,749,203.  
 Harle, Harold P. 2,750,759.  
 Harris, John C., Jr. 2,764,390.  
 Harrison, Howard R. 2,741,672.  
 Hartley, Lloyd S., and Newton. 2,763,233.  
 Harry, Edgar A. 2,730,663.  
 Hausler, George M. 2,771,527.  
 Haviland, Robert P. 2,749,705.  
 Heintz, Milton L. 2,767,262.  
 Hellar, Martin V., Jr., and Shepard. 2,730,899.  
 Heller, Martin W., Jr., and Shepard. 2,731,835.  
 Henderson, Wayne L. 2,740,905.  
 Henderson, Wayne L. 2,749,525.  
 Henderson, Wayne L. R. 2,771,587.  
 Herman, Neil. 2,755,574.  
 Herman, Neil D. 2,755,575.  
 Herberman, Howard E., and Grimshaw. 2,751,197.  
 Hershberger, Doran D. 2,731,575.  
 Hickey, John S., Jr. 2,748,307.  
 Hickey, John S., Jr. 2,755,403.  
 Hieble, Michael E. 2,742,641.  
 Hill, Ezra C. 2,764,745.  
 Hinman, Donald D., and Schmerheim. 2,733,417.  
 Hoecker, Albert C. 2,762,143.  
 Hoecker, Albert C. 2,768,453.  
 Hoecker, Albert C. 2,769,258.  
 Hollister, Edwin S. 2,771,922.  
 Holmes, Lowell L., Jr. 2,755,160.  
 Horvay, Julius B. 2,755,636.  
 Horvay, Julius B. 2,758,460.  
 Horvay, Julius B., and Harrison. 2,754,663.  
 Hotchkiss, Allen G. 2,768,058.  
 Houghton, Joseph J. 2,773,593.  
 Houser, Philip E. 2,753,533.  
 Howell, Edward K. 2,764,681.  
 Hubacker, Earl F. 2,743,587.  
 Hubacker, Earl F. 2,767,557.  
 Hughes, Edward L. 2,740,016.  
 Hunt, Brian E., and McKee. 2,743,238.  
 Hunter, James P. 2,769,998.  
 Hurd, Dallas T. 2,745,898.  
 Hurd, Dallas T. 2,754,350.  
 Hurd, Dallas T., and Osthoff. 2,737,506.  
 Hurm, George E. 2,744,875.  
 Ipsen, Peter G. 2,739,604.  
 Irb, William. 2,739,276.  
 Jacobi, George T., and Parks. 2,740,584.  
 Jacobs, John E. 2,730,627.  
 Jacobs, John E. 2,732,603.  
 Jacobs, John E. 2,747,104.  
 Jacobs, John E. 2,763,787.  
 Jacobs, John E., and Frerichs. 2,764,693.  
 Jacobs, Stephen, and Gleason. 2,733,611.  
 Jaffe, Mary S. 2,774,004.  
 Janos, Alfred G. 2,741,098.  
 Janos, Alfred G. 2,743,773.  
 Jenny, Alfred L. 2,742,416.  
 Jenny, Alfred L., and Stephenson. 2,749,487.  
 Jensen, Richard C. 2,745,096.  
 Jernakoff, George. 2,756,339.  
 Johnson, Prithiof V. 2,756,625.  
 Johnson, Prithiof V. 2,771,258.  
 Johnson, Ivar W. 2,756,358.  
 Johnson, Joseph F. 2,738,473.  
 Johnson, Peter D. 2,756,343.  
 Johnson, Robert B. 2,747,993.  
 Johnson, Robert H., and Shackelford. 2,745,250.  
 Jordan, John P., and Sheckler. 2,757,323.  
 Jordan, Samuel C., and Fitzmaier. 2,767,293.  
 Judd, Edwin B. 2,770,952.  
 Kalkow, Irving. 2,735,734.  
 Kalkow, Irving. 2,744,265.  
 Kalkow, Irving. 2,752,516.  
 Kane, Elias K. 2,761,107.  
 Kantor, Simon W. 2,766,220.  
 Kantor, Simon W., and Osthoff. 2,753,365.  
 Kaplan, Sidney M. 2,747,179.  
 Keith, John V., and Savage. 2,754,459.  
 Kelling, Leroy U. C. 2,764,720.

## General Electric Co.: See—Continued

Kellogg, Harry L. 2,730,661.  
 Kenty, Carl. 2,730,645.  
 Kenty, Carl, and Larson. 2,730,424.  
 Kenty, Carl, and Larson. 2,749,462.  
 Keonjian, Edward. 2,760,070.  
 Keonjian, Edward, and Suran. 2,774,875.  
 Kettler, Clarence. 2,771,311.  
 Kimball, Donald G. 2,771,535.  
 King, Robert A. 2,728,958.  
 Kirkpatrick, George M. 2,751,555.  
 Knight, James L. 2,738,072.  
 Koller, Lewis B. 2,750,640.  
 Kosfeld, Milton M. 2,746,266.  
 Kurtz, Lowell M. 2,729,863.  
 Laben, Edward S. 2,735,741.  
 Lafferty, James M. 2,741,526.  
 Lafferty, James M. 2,741,720.  
 Lake, William H. 2,740,861.  
 Lamb, Fredrick S., and Hermanson. 2,730,689.  
 Larew, John J., and Burnett. 2,753,505.  
 Laug, Ernst P. 2,770,705.  
 Lautenberger, Elmer W. 2,746,020.  
 La Violetta, Fred G. 2,741,410.  
 Lavoo, Norman T. 2,748,354.  
 Lawrence, Sigmund J. 2,732,092.  
 Lawson, James L. 2,738,420.  
 Le Loup, Theodore E. 2,766,508.  
 Le Loup, Theodore E., and Marinace. 2,766,509.  
 Lemmerman, Harold H. 2,742,786.  
 Lemmers, Eugene. 2,774,918.  
 Lennox, Thomas H. 2,729,282.  
 Lennox, Thomas H. 2,767,288.  
 Lenz, Henry G. 2,762,899.  
 Lesk, Israel A. 2,769,924.  
 Lewis, Frederick M., and Lawton. 2,763,609.  
 Lewis, Merle J., and Lennox. 2,752,439.  
 Lewis, Merle J., and Williams. 2,752,438.  
 Lewis, Walter E., and Jordan. 2,772,341.  
 Lichtenfels, Ira W. 2,757,329.  
 Liebhafer, Herman. 2,742,560.  
 Lingel, Fred J. 2,745,044.  
 Linville, Robert G. 2,739,952.  
 Livingston, Orrin W. 2,755,422.  
 Lohrman, Albert W., and Kropp. 2,763,767.  
 London, Sol. 2,743,406.  
 London, Sol., and Kirk. 2,740,931.  
 Lord, Harold W. 2,736,841.  
 Lord, Harold W. 2,748,324.  
 Loudon, Victor J. 2,765,374.  
 Low, Frank D. 2,751,917.  
 Low, Frank D. 2,771,891.  
 Lucas, George W. 2,731,711.  
 Lucas, George W., and Wiedman. 2,731,710.  
 Lynch, Edward E., and Leete. 2,737,627.  
 Macemon, Herbert J. 2,767,263.  
 Macemon, Herbert J., and Posey. 2,769,876.  
 Maccolex, Edward L. 2,742,567.  
 Macpherson, George L. 2,733,570.  
 Manfredi, Robert E. 2,731,244.  
 Manfredi, Robert E. 2,770,745.  
 Mapelsden, George C., and Hull. 2,729,696.  
 Martin, Hugh H. 2,758,273.  
 Martin, Robert. 2,749,327.  
 Martin, William, and Weller. 2,735,249.  
 Martiny, Walter J. 2,767,304.  
 Martt, Ernest C. 2,765,420.  
 Marx, Ray E. 2,733,420.  
 Matson, William N. 2,729,260.  
 Matson, William N. 2,737,993.  
 Mattern, John. 2,761,061.  
 Mayer, Harry F. 2,764,684.  
 McArthur, Elmer D. 2,735,034.  
 McArthur, Elmer D. 2,735,074.  
 McArthur, Elmer D. 2,747,086.  
 McArthur, Elmer D. 2,747,087.  
 McBride, George C., and Schneider. 2,749,412.  
 McCoy, Robert L. 2,741,322.  
 McCoy, Robert L., and Gross. 2,741,321.  
 McCroskey, Warren N., and Mongraw. 2,757,766.  
 McDonald, James D. 2,763,801.  
 McDonnell, John A. 2,756,270.  
 McElligott, John E. 2,731,576.  
 McElligott, John E. 2,745,029.  
 McGuinness, Edward W. 2,744,204.  
 McKee, Alfred H. 2,730,504.  
 McKenzie, Robert T., and Campbell. 2,763,564.  
 McKenzie, Robert T., and Smith. 2,763,565.  
 McKnight, Charles H., and Thompson. 2,738,295.  
 McLaren, James D. 2,746,683.  
 McLean, Harold T. 2,746,834.  
 McLean, Harold T. 2,756,388.  
 McMillan, Stephen L., and Williams. 2,733,796.  
 Merrill, Frank W. 2,735,952.  
 Michaelis, Harold A. 2,748,243.  
 Mihan, Theodore G., and Swartz. 2,773,570.  
 Miklos, Zoltan W. 2,760,409.  
 Miles, Roscoe C. 2,741,097.  
 Milford, Richard E. 2,742,151.  
 Miller, Alexander A., and Mayo. 2,767,208.  
 Milne, Kenneth, and Taylor. 2,756,396.  
 Mittag, Albert H., and Bedford. 2,739,125.  
 Molyneux, Robert J. 2,764,661.  
 Molyneux, Robert J. 2,764,663.

## General Electric Co.: See—Continued

Montmeat, Richard. 2,771,559.  
 Moody, Leroy S. 2,732,338.  
 Moore, Fred W. 2,767,944.  
 Moran, Don H. 2,771,528.  
 Morgan, Walter. 2,756,340.  
 Morley, David H. 2,736,816.  
 Morris, William C. 2,750,537.  
 Munford, Albert E., and Tabberer. 2,742,127.  
 Murray, Donald C. 2,739,607.  
 Muschamp, Robert A. 2,764,641.  
 Nelson, Evan H., and Whittemore. 2,760,310.  
 Nelson, Richard B. 2,758,233.  
 Nelson, Richard B., and Wilbur. 2,748,280.  
 Nelson, Robert A. 2,770,767.  
 Nerad, Anthony J., Johnson, and Brusdale. 2,772,749.  
 Newiman, Robert W. 2,744,838.  
 Niedhammer, Edwin J., Jr., and Smith. 2,757,554.  
 Nisbet, James D. 2,765,226.  
 Noel, Edward B. 2,733,375.  
 Noel, Edward B., and Falconer. 2,761,086.  
 Noel, Edward B., and Farnham. 2,757,318.  
 North, Harper C., and Kershaw. 2,741,686.  
 Ochwat, Joseph F. 2,769,523.  
 Ogle, Hugh M. 2,733,307.  
 Ogle, Hugh M. 2,733,404.  
 Ogle, Hugh M. 2,738,648.  
 Ogle, Hugh M., and Hild. 2,768,345.  
 Olthuis, Eugene G. 2,737,573.  
 Osman, Lee E. 2,744,821.  
 Osthoff, Robert C., and Kantor. 2,749,318.  
 Ott, George E. 2,745,582.  
 Ott, George E. 2,756,980.  
 Page, Robert G. 2,730,594.  
 Pakish, Anthony E., and Erickson. 2,760,529.  
 Paulavich, Alphonse. 2,739,685.  
 Peters, Philip H., Jr. 2,748,203.  
 Peters, Philip H., Jr., and Wilbur. 2,774,039.  
 Petersen, Maurice E., and Kessler. 2,747,119.  
 Pickarski, Leon T. 2,744,873.  
 Pirke, Edgar A. 2,768,254.  
 Pigman, Calvin D. 2,753,406.  
 Pinney, Harold E. 2,747,157.  
 Pinney, Harold E. 2,753,467.  
 Pinney, Harold E. 2,752,447.  
 Pistey, John M. 2,729,799.  
 Pistey, John M. 2,742,620.  
 Pistey, John M. 2,742,621.  
 Powers, James H. 2,747,436.  
 Prendergast, James J. 2,729,203.  
 Prendergast, James J. 2,741,434.  
 Prener, Jerome S. 2,731,423.  
 Price, Fraser P. 2,745,944.  
 Price, Harvey N. 2,747,120.  
 Pritchard, Robert L. 2,750,453.  
 Prober, Maurice. 2,752,222.  
 Prochaska, Robert J. 2,768,675.  
 Protzmann, Donald E. 2,745,946.  
 Protzmann, Donald R., Phaneuf, and Doyle. 2,768,332.  
 Prucknicki, Andrew H., Hennessy, and Berrigan. 2,729,033.  
 Pruehs, Leslie L. 2,758,821.  
 Quinn, Frederic R. 2,740,030.  
 Raab, Edward L., and Gorsline. 2,734,926.  
 Ragland, Harry F. 2,752,574.  
 Reed, Charles E., and Tome. 2,741,630.  
 Reid, Ralph A., and Leonard. 2,745,086.  
 Reihman, Earl F. 2,738,395.  
 Renaud, Ernest P., and Schlosser. 2,755,083.  
 Rex, Charles H. 2,739,226.  
 Reynolds, Kenneth W. 2,765,002.  
 Reynolds, Kenneth W., and Billson. 2,730,068.  
 Reynolds, Kenneth W., Billson, and Rausch. 2,732,847.  
 Reynolds, Kenneth W., Billson, and Rausch. 2,764,992.  
 Rich, Theodore A. 2,769,337.  
 Richard, Arnold J. 2,761,004.  
 Rigen, Sydney A. R. 2,749,467.  
 Roberts, Edward H. 2,749,997.  
 Roberts, Shepard. 2,765,419.  
 Roth, Adrian W. 2,732,443.  
 Roth, Adrian W. 2,760,121.  
 Rowe, Raymond N. 2,769,064.  
 Rudolf, Hyman. 2,744,845.  
 Runaldue, Lewis R. 2,750,364.  
 Runaldue, Lewis R., and Burnett. 2,772,395.  
 Runaldue, Lewis R., and Reese. 2,732,477.  
 Runciman, William A. 2,736,712.  
 Russetta, Ralph A., and Torrisi. 2,739,110.  
 Ryckman, William D., Jr. 2,747,140.  
 Ryckman, William D., Jr. 2,767,291.  
 Safford, Moyer M. 2,745,943.  
 Salomone, Rynold A. 2,769,151.  
 Samsel, Richard W. 2,756,353.  
 Sandin, Ray C. 2,738,411.  
 Sasznet, Russell M., and Smith. 2,741,104.  
 Sauer, Robert O. 2,730,540.  
 Savage, Robert H. 2,736,830.  
 Schaefer, Vincent J. 2,731,713.  
 Scheldorf, Owen H. 2,741,425.  
 Scheldorf, Owen H. 2,741,669.  
 Schmidt, John H. 2,750,121.  
 Schoenfeldt, Herman R., and Yoder. 2,733,166.  
 Schroeder, George W. 2,744,990.  
 Schroeder, George W. 2,772,340.

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Schultz, Warner W. 2,740,050.  
 Schumacher, Frank A. 2,745,256.  
 Schumacher, Frank A. 2,758,446.  
 Schumacher, Frank A. 2,768,048.  
 Schwartz, Harry. 2,756,307.  
 Schwenker, William A. 2,758,124.  
 Seaman, Lewis T. 2,746,300.  
 Sebens, Carl R. 2,745,707.  
 Sechrst, Harry S., and Hunter. 2,762,964.  
 Sechrst, Harry S., and Rosenblatt. 2,748,337.  
 Seegmiller, Walter R. 2,770,769.  
 Seely, Richard E. 2,733,394.  
 Seely, Richard E. 2,734,158.  
 Seely, Richard E. 2,752,548.  
 Seely, Richard E., and Walley. 2,744,226.  
 Sevroy, John G., and Rawson. 2,769,996.  
 Sharp, John C., and Martinak. Re. 24,198.  
 Sheahan, Robert E. 2,769,997.  
 Sheahan, Robert E. 2,769,999.  
 Shell, Ernest F., and Harie. 2,758,448.  
 Shelton, Winston L. 2,761,303.  
 Shelton, Winston L., and Bochan. 2,756,652.  
 Sherman, Kenneth. 2,735,681.  
 Siegel, Ralph. 2,765,427.  
 Simmons, Russell T. 2,742,558.  
 Simmons, William J. 2,740,022.  
 Sims, Marion W. 2,737,612.  
 Sims, Marion W., and Krakower. 2,764,021.  
 Sink, Robert L. 2,743,355.  
 Sinks, Allen T. 2,730,813.  
 Sionneger, John L. 2,738,397.  
 Smith, Ernest A. 2,731,139.  
 Smith, Sidney R., Jr., and Koch. 2,744,982.  
 Smith-Johannsen, Robert. 2,744,878.  
 Solomon, Myer M. 2,757,152.  
 Songer, Leo W. 2,736,529.  
 Spalding, David P., and Shepherd. 2,758,946.  
 Spencer, Richard O. 2,750,694.  
 Sprung, Murray M. 2,732,337.  
 Staak, Louis E. 2,752,463.  
 Stack, Sydney S. 2,774,854.  
 Stahl, Alfred R. 2,764,958.  
 Starr, Wendell F. 2,750,562.  
 Staud, Rufus T. 2,762,247.  
 Stebbins, Frederick O. 2,732,019.  
 Stewart, Harold C., and Holcomb. 2,731,606.  
 Stimson, Allen G., Brynes, Jennings, and Taylor. 2,739,506.  
 Stimson, Allen G., Brynes, Jennings, and Taylor. 2,766,654.  
 Stoddard, Edgar S. 2,739,025.  
 Storm, Herbert F. 2,740,044.  
 Stratton, Jerry L. 2,769,949.  
 Strobel, Rudolph W. 2,762,027.  
 Strong, Herbert M. 2,742,115.  
 Strozier, Henry H. 2,752,524.  
 Stuart, Jackson P. 2,758,161.  
 Suits, Chauncey G. 2,745,713.  
 Summerhayes, Harry R., Jr., Anderson, and Sampson. 2,750,519.  
 Sutton, Robert J. 2,742,238.  
 Swanson, Harry G. 2,737,053.  
 Swanson, Harry G. 2,766,625.  
 Sway, Henry C. 2,746,393.  
 Swenson, Alfred G. 2,750,695.  
 Swerdlow, Nathan. 2,744,654.  
 Swerdlow, Nathan. 2,762,473.  
 Sywert, Philip T. 2,741,525.  
 Tangeman, William H. 2,750,693.  
 Taylor, Clement F. 2,744,200.  
 Terry, Jack H. 2,757,105.  
 Thomas, Cyril R. 2,749,300.  
 Thomas, Henry P. 2,747,017.  
 Thomason, Jesse L. 2,735,075.  
 Timble, Theodore R. 2,739,302.  
 Tompkins, Russell E. 2,769,370.  
 Tobbs, Lewi. 2,747,137.  
 Torkelson, Arnold. 2,729,572.  
 Vallorani, Ben J., and McConnell. 2,751,487.  
 Vance, Paul A. 2,770,738.  
 Vogt, George H. 2,773,210.  
 Von Behren, William F. 2,745,644.  
 Vonnegut, Bernard. 2,730,006.  
 Vonnegut, Bernard. 2,764,023.  
 Vonnegut, Bernard. 2,774,652.  
 Wakefield, Kenneth E. 2,734,603.  
 Walkoe, Kenneth H. 2,764,665.  
 Walkey, James A. 2,749,495.  
 Ward, Harold F. 2,732,347.  
 Warner, Wilbur W. 2,748,332.  
 Warren, Robert E., and Yeamans. 2,733,289.  
 Webster, Stanley E. 2,735,033.  
 Weeks, Walter R. 2,773,425.  
 Weiler, Charles N. 2,741,751.  
 Welch, Alanson U., Jr. 2,736,787.  
 Welch, Stanley B. 2,745,913.  
 Welch, Stanley B. 2,745,937.  
 Welch, Stanley B. 2,767,296.  
 Welch, Stanley B., and Williams. 2,747,073.  
 Wendt, Harry C. 2,731,836.  
 Wendt, Harry C. 2,737,054.  
 Wendt, Harry C. 2,752,879.  
 Vescler, Edmund E., Jr. 2,759,335.



- General Electric Co.: *See—Continued*  
 West, Harry R., and Reese. 2,751,511.  
 Westendorp, Willem F. 2,738,421.  
 Westendorp, Willem F., and Gurewitsch. 2,755,014.  
 White, Albert O. 2,730,337.  
 White, Frederick A. 2,756,341.  
 White, Roy W., and Herrman. 2,769,061.  
 White, Samuel R., Jr. 2,744,152.  
 White, William C. 2,774,015.  
 Whitman, Lawrence W. 2,774,807.  
 Wightman, Lawrence W. 2,740,073.  
 Wightman, Lawrence W. 2,750,521.  
 Wightman, Lawrence W. 2,751,265.  
 Wightman, Lawrence W. 2,752,208.  
 Wilbur, Donald A. 2,745,279.  
 Wilbur, Donald A., and Peters. 2,747,031.  
 Wilcock, Donald F. 2,731,305.  
 Wilcock, Donald F. 2,731,308.  
 Wilcox, James F. 2,774,045.  
 Williams, Charles E. 2,735,989.  
 Williams, Ernest. 2,773,154.  
 Williams, Herbert D. 2,762,023.  
 Willoughby, Anthony H. 2,774,013.  
 Wilson, Walter R. 2,732,419.  
 Winfield, William S. 2,758,212.  
 Wissley, Zoltan R., and MacPherson. 2,753,687.  
 William, H. 2,751,664.  
 Wood, William H. 2,756,292.  
 Woodson, Thomas T. 2,742,128.  
 Woodson, Thomas T. 2,751,773.  
 Wright, James H. 2,749,746.  
 Yates, Charles G., Jr. 2,764,370.  
 Yeamans, Wilfred H. 2,757,262.  
 York, Raymond A. 2,763,432.  
 Young, Andrew H. 2,732,312.  
 Young, Andrew H. 2,734,872.  
 Young, Hewitt H. 2,745,479.  
 Young, James F. 2,741,210.  
 Zachary, Robert A., and Schermerhorn. 2,734,168.  
 Zargarpur, Rouhollah. 2,758,150.  
 Zeissler, Albert B. 2,774,899.  
 Zeit, Elmer J. 2,733,038.  
 Zemany, Paul D. 2,742,585.  
 Zervick, Richard J., Elmanson, and Swenson. 2,761,228.  
 Zunick, Michael J. 2,732,510.
- General Electric Co. Ltd., The: *See—*  
 Bayliss, Alan J. 2,740,047.  
 Beesley, John H. 2,766,326.  
 Brittain, Francis H. 2,732,908.  
 Brook, Frank. 2,773,246.  
 Chubb, Alexander A. 2,733,298.  
 Chubb, Alexander A., and Levy. 2,747,019.  
 Chubb, Alexander A., and Levy. 2,747,021.  
 Chubb, Alexander A., Mawson, and Levy. 2,732,433.  
 Chubb, Alexander A., and Sewcroft. 2,747,145.  
 Cornbleet, Sidney. 2,729,817.  
 Cronin, Denis E. 2,742,640.  
 Dauncey, Leonard A. 2,759,803.  
 Donelan, James A. 2,760,042.  
 Foot, John B. L. 2,741,696.  
 Friedlander, Erich. 2,734,461.  
 Hickin, Ernest M. 2,750,505.  
 Imm, Ronald C. 2,733,339.  
 James, Emrys G. 2,757,322.  
 James, Emrys G., and Lindell. 2,731,561.  
 Levy, Maurice M. 2,729,701.  
 Levy, Maurice M. 2,731,512.  
 Levy, Maurice M. 2,736,773.  
 Levy, Maurice M. 2,747,020.  
 Levy, Maurice M. 2,754,367.  
 Levy, Maurice M., and Espley. 2,729,704.  
 Matthews, Arnold. 2,756,385.  
 O'Kane, Bernard J., and Dickie. 2,731,633.  
 Sherwen, Joseph W. 2,746,598.  
 Sowler, Anthony B. 2,774,262.  
 Sowler, Anthony B., and Hilton. 2,736,090.  
 Stenning, Louis C. 2,756,274.  
 Watkins, Thomas B. 2,773,191.
- General Equipment & Mfg. Co.: *See—*  
 Marcum, Charles R. 2,740,040.  
 Marcum, Charles R. 2,740,041.
- General Filter Co.: *See—*  
 Lawlor, Joseph P. 2,754,971.
- General Filters, Inc.: *See—*  
 Redner, Arthur D. 2,731,152.
- General Fireproofing Co., The: *See—*  
 McKinley, William H. 2,746,705.  
 McKinley, William H. 2,753,807.  
 McKinley, William H. 2,758,635.  
 Reitzel, Clarence R. 2,742,337.  
 Wilmer, Rudolph H., and Reitzel. 2,757,051.  
 Wilmer, Rudolph H., and Reitzel. 2,759,773.
- General Foods Corp.: *See—*  
 Barnes, Harry M. 2,753,371.  
 Cyphers, James F., and Doherty. 2,772,784.  
 Garono, Louis E., Kramer, and Steigmann. 2,743,265.  
 Kempf, Norman W., and Downey. 2,760,867.  
 Stazmeier, Arthur F. 2,763,409.
- General Gas Light Co.: *See—*  
 Humphrey, Robert P. 2,729,266.
- General Hardware Mfg. Co., Inc.: *See—*  
 Ayer, Ermon F. 2,741,077.  
 Ayer, Ermon F. 2,760,390.
- General Industries Co., The: *See—*  
 Hartman, Herbert L. 2,746,306.
- General Instrument Corp.: *See—*  
 Brastad, William A. 2,764,288.  
 Chesney, John. 2,769,961.  
 Franklin, Edmond G. 2,763,751.  
 Melton, Donald F. 2,764,369.  
 Sickles, Royal F. 2,765,124.
- General Latex & Chemical Corp.: *See—*  
 Mason, Fred H. 2,748,446.  
 Townsend, Henry E. 2,743,305.
- General Logistics: *See—*  
 Elsner, Edwin C. 2,739,361.  
 Elsner, Edwin C. 2,739,439.  
 Elsner, Edwin C. 2,742,307.  
 Elsner, Edwin C. 2,753,867.
- General Machine Co., Inc.: *See—*  
 Herzer, Walter. 2,742,892.
- General Mills, Inc.: *See—*  
 Abbott, Fredric M., Balsley, and Bamesberger. 2,746,375.  
 Aelony, David. 2,730,451.  
 Allison, Herbert S. 2,741,885.  
 Allison, Herbert S. 2,753,903.  
 Allison, Herbert S., Hakomaki, and Jewett. 2,737,859.  
 Anderson, Helmer. 2,740,351.  
 Badavas, Charles A., and Magnuson. 2,758,752.  
 Berry, Charles M., and Miller. 2,729,656.  
 Byrg, Donald W. 2,735,801.  
 Dry, Donald W., Janison, and von Edesuky. 2,751,954.  
 Duncanson, Robert H., and Roll. 2,769,257.  
 Erickson, John G. 2,729,636.  
 Erickson, John G. 2,748,143.  
 Erickson, John G. 2,758,133.  
 Erickson, John G. 2,766,285.  
 Erickson, John G. 2,767,175.  
 Erickson, John G. 2,767,176.  
 Erickson, John G. 2,767,177.  
 Erickson, John G. 2,767,189.  
 Erickson, John G. 2,768,089.  
 Erickson, John G. 2,774,756.  
 Fischer, Paul E., Hedun, Swanson, and Wissman. 2,738,714.  
 Floyd, Don E. 2,730,511.  
 Franklin, Edmond G. 2,751,463.  
 Franklin, Edmond G. 2,769,060.  
 Gagner, Frederick J., and Reid. 2,767,941.  
 Gesell, Frank A., and Woistmann. 2,732,574.  
 Hakomaki, Raymond I., and Huch. 2,770,933.  
 Harrison, Stuart A. 2,729,660.  
 Harrison, Stuart A. 2,731,428.  
 Harrison, Stuart A., and McCaleb. 2,731,481.  
 Holmberg, Stanton W. 2,770,896.  
 Huch, William F., Hakomaki, and Moore. 2,732,013.  
 Jordan, Wesley A. 2,730,505.  
 Jordan, Wesley A. 2,745,854.  
 Magnuson, Carl E. 2,758,699.  
 McCaleb, Kirtland E. 2,730,520.  
 Mellen, Glenn L. 2,742,246.  
 Melton, Donald F. 2,767,940.  
 Miller, Sidney E., and Berry. 2,729,655.  
 Moen, Rolf. 2,742,235.  
 Moen, Rolf. 2,770,860.  
 Opie, Joseph W. 2,767,171.  
 Opie, Joseph W., Nordgren, and Hamilton. 2,767,167.  
 Polivka, John N., and Scharfenberg. 2,765,676.  
 Renfrew, Malcolm M., Witteoff, and Kjelson. 2,767,089.  
 Ryan, James J. 2,771,256.  
 Schott, Howard H. 2,738,959.  
 Stinger, Henry J. 2,749,491.  
 Stinger, Henry J. 2,754,678.  
 Tsai, Chang-Kaing. 2,740,864.  
 Tsai, Chang-Kaing. 2,742,547.  
 Van Krevlen, Edward R. 2,740,598.  
 Witteoff, Harold, and Renfrew. 2,768,090.
- General Motors Corp.: *See—*  
 Abresch, Carel F. 2,739,317.  
 Abresch, Carel F. 2,739,469.  
 Abresch, Carel F. 2,759,347.  
 Abresch, Carel F., and McCormick. 2,734,520.  
 Adams, Daniel M. 2,751,256.  
 Adams, William J. 2,729,601.  
 Adams, William J. 2,763,942.  
 Adloff, Jakob A. 2,755,874.  
 Adloff, Jakob A. 2,762,236.  
 Adloff, Jakob A., and Zimmer. 2,757,016.  
 Abrecht, Leonard N. 2,768,857.  
 Alef, Philip M. 2,743,472.  
 Alexander, Donald F. 2,750,755.  
 Alexander, Donald F. 2,759,110.  
 Almen, John O., and Carnegie. 2,733,797.  
 Almen, John O., and Carnegie. 2,733,798.  
 Alsbaugh, Samuel W. 2,748,862.  
 Amlott, Norman J. 2,748,891.  
 Anderson, Arthur J. 2,770,858.  
 Anderson, Ralph R. 2,741,324.  
 Anderson, Ralph R., and Gerber. 2,732,905.  
 Andrews, Edward F. 2,773,193.  
 Antonidis, John E. 2,765,133.  
 Antonidis, John E., Edmundson, Smith, and House. 2,774,894.  
 Apps, David C. 2,735,292.  
 Armington, George E. 2,764,203.

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Armington, Raymond Q. 2,764,207.  
 Armington, Raymond Q. 2,764,208.  
 Armington, Raymond Q. 2,764,209.  
 Armington, Raymond Q. 2,764,210.  
 Armington, Raymond Q. 2,773,319.  
 Armington, Stewart F. 2,729,503.  
 Armington, Stewart F. 2,764,204.  
 Armington, Stewart F. 2,764,205.  
 Armington, Stewart F. 2,764,206.  
 Armington, Stewart F. 2,764,211.  
 Armington, Stewart F. 2,764,405.  
 Armstrong, John W., Spears, and Williams. 2,771,669.  
 Arthur, James L., and Bychynski. 2,741,716.  
 Babitch, Abraham M. 2,741,474.  
 Bailey, Charles S. 2,735,620.  
 Bain, William R. 2,737,018.  
 Baker, Albert D., Jones, and Leavengood. 2,730,866.  
 Baker, Albert D., Muller, and Harris. 2,731,104.  
 Baker, Marshall W., Johnston, and Henney. 2,773,360.  
 Baker, Max P. 2,761,296.  
 Bales, Max G. 2,732,465.  
 Bales, Max G. 2,736,871.  
 Bales, Max G. 2,739,195.  
 Ballint, Julius J., Bannasch, and Bratton. 2,775,479.  
 Ballard, Robert L. 2,748,687.  
 Bauman, Robert H. 2,730,205.  
 Bayley, George R. 2,737,254.  
 Beare, Charles H. 2,761,202.  
 Beare, Charles H. 2,774,120.  
 Beck, Ronald D. 2,742,390.  
 Bennett, Milton H. 2,730,494.  
 Berner, Philip J., and Connell. 2,729,713.  
 Berner, Philip J., and Connell. 2,732,448.  
 Berninger, Kenneth L., and Covert. 2,745,499.  
 Berninger, Kenneth L., Neef, and Wright. 2,747,676.  
 Berninger, Kenneth L., and Weis. 2,754,922.  
 Berninger, Kenneth L. and Weis. 2,773,452.  
 Bertsch, Joseph F., Funkhouser, and Jackson. 2,761,425.  
 Bidwell, Joseph B. 2,760,832.  
 Bieler, John E. 2,737,192.  
 Bixler, George W., and Bierlein. 2,775,470.  
 Blanchard, Wallace, and Bowie. 2,745,501.  
 Bliss, Carl M. 2,737,147.  
 Bliss, Carl M. 2,760,382.  
 Bock, Carl J. 2,766,637.  
 Bock, Carl J., and Dolan. 2,740,303.  
 Boegehold, Alfred L. 2,744,495.  
 Boegehold, Alfred L., and Weis. 2,755,542.  
 Boegehold, Alfred L., Shippe, and Stosuy. 2,757,446.  
 Boles, Chalmers B. 2,755,025.  
 Bolles, Julius H., Buck, Short, and Lautzenhiser. 2,757,615.  
 Borman, August H., Jr. 2,732,732.  
 Bowers, Roy L. 2,772,001.  
 Bowers, Roy L., and Gretzinger. 2,751,085.  
 Bowers, Roy L., and Lauer. 2,739,681.  
 Bower, Phillip C. 2,746,768.  
 Bradley, James F., and Dohrmann. 2,752,257.  
 Brandes, Roy H., Hamilton, and Moore. 2,766,731.  
 Brill, William H. 2,730,085.  
 Britton, Loren D., and Miller. 2,759,431.  
 Brohn, Herman A. 2,730,086.  
 Brookbank, Glen E. 2,737,406.  
 Brooks, Frank W. 2,741,335.  
 Brooks, Frank W. 2,748,901.  
 Brooks, Frank W. 2,762,463.  
 Brown, Francis L., and Paulsen. 2,766,768.  
 Brown, William E. 2,768,535.  
 Brown, William E., and Bondurant. 2,750,477.  
 Brown, William E., and Cole. 2,757,250.  
 Brown, William E., Decker, and Landes. 2,751,468.  
 Brundrett, George A., and Funkhouser. 2,740,500.  
 Bruner, Ray A. 2,741,012.  
 Brunk, Earl H. 2,748,185.  
 Buck, Charles E., and Lautzenhiser. 2,774,844.  
 Buerge, James S., Foust, Shaw, Rider, and McKee. 2,736,358.  
 Buerge, James S., McKee, Alexander, Conrad, Rider, Noetzel, and Salatin. 2,769,228.  
 Buerge, James S., McKee, Conrad, Salatin, and Rider. 2,761,559.  
 Burrell, Gilbert. 2,730,091.  
 Burrell, Gilbert. 2,742,029.  
 Burrell, Gilbert. 2,771,064.  
 Burton, Robert W. 2,753,848.  
 Bush, Russel J., and Moore. 2,736,076.  
 Bychynski, Wilfred A. 2,733,385.  
 Bychynski, Wilfred A. 2,738,877.  
 Callaway, Samuel R. 2,744,010.  
 Candler, Robert R. 2,747,395.  
 Candler, Robert R. 2,749,735.  
 Candler, Robert R. 2,750,316.  
 Canoose, John E. 2,762,351.  
 Canter, James A. 2,739,461.  
 Canter, James A. 2,750,756.  
 Canter, James A. 2,773,357.  
 Caris, Durl F., and Davis. 2,771,864.  
 Carlson, Wilbur L. 2,759,258.  
 Cassidy, Robert J. 2,773,217.  
 Castle, William S., and Hockett. 2,773,711.  
 Chapman, Albert B., McDonough, and Jackson. 2,759,709.  
 Charf, James F., Himes, and Todd. 2,745,222.

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Chayne, Charles A. 2,732,903.  
 Chayne, Charles A. 2,734,497.  
 Chayne, Charles A. 2,744,419.  
 Chayne, Charles A. 2,765,883.  
 Chilton, William D. 2,740,514.  
 Chilton, William D. 2,744,601.  
 Christenson, Howard W. 2,734,399.  
 Christenson, Howard W. 2,743,627.  
 Christianson, Wallace A., and Miller. 2,738,779.  
 Clark, Earl L., and Donley. 2,752,210.  
 Clason, Bertil H. 2,750,475.  
 Clayton, David P. 2,753,336.  
 Clayton, David P., and Onksen. 2,748,207.  
 Clingman, Paul E. 2,736,404.  
 Clingman, Paul E. 2,756,795.  
 Clingman, Paul E. 2,758,727.  
 Clingman, Paul E. 2,763,346.  
 Clingman, Paul E. 2,768,411.  
 Clingman, Paul E., and Beck. 2,763,345.  
 Clingman, Paul E., and Heimgartner. 2,738,826.  
 Cobb, Leland D. 2,742,332.  
 Cobb, Leland D. 2,764,433.  
 Coning, Donald L., and Jacobs. 2,762,229.  
 Cooper, Lonzo S. 2,737,038.  
 Cortright, Samuel E. 2,741,362.  
 Courney, Clark. 2,741,505.  
 Crane, Henry M. 2,736,570.  
 Cromwell, Harold J. 2,773,958.  
 Cronwell, Harold J., and Taylor. 2,747,414.  
 Cross, Charles T. 2,771,409.  
 Crumb, Duane R. 2,733,590.  
 Davis, Arthur M. 2,732,695.  
 Davis, Arthur M. 2,740,300.  
 Davis, Edgar G. 2,757,055.  
 Davis, Edgar G. 2,770,538.  
 Davis, Raymond C., Overwein, and Millhouse. 2,731,672.  
 Dega, Robert L. 2,763,982.  
 Dega, Robert L., and Percival. 2,741,333.  
 Denlinger, Orlean. 2,738,623.  
 Dermond, Lawrence C. 2,758,168.  
 Derner, William J. 2,770,571.  
 Detamore, Harold H., and Eby. 2,768,612.  
 Detamore, Harold H., Hirsch, Moore, and Treseder. 2,761,517.  
 Dickson, John. 2,735,313.  
 Dickson, John. 2,759,760.  
 Dickson, John. 2,770,500.  
 Dickson, John, and Hulsing. 2,740,667.  
 Dickson, John, and Schafer. 2,731,001.  
 Dietrich, Howard H. 2,747,561.  
 Dilworth, Richard M. 2,741,995.  
 Dilworth, Richard M. 2,753,514.  
 Dilworth, Richard M., and Miller. 2,770,200.  
 Dinsmore, Albert P. 2,754,921.  
 Ditto, Fred W. 2,765,597.  
 Doane, Harry C. 2,731,617.  
 Doane, Harry C. 2,738,753.  
 Doane, Harry C. 2,738,756.  
 Doane, Harry C. 2,770,971.  
 Dolza, John. 2,734,352.  
 Dolza, John. 2,760,347.  
 Dolza, John. 2,760,468.  
 Dolza, John. 2,763,251.  
 Dolza, John, and Cederleaf. 2,766,742.  
 Dolza, John, and Harvey. 2,746,427.  
 Dolza, John, Ransom, and Unger. 2,763,252.  
 Dolza, John, Rohrbacher, and Zimmerman. 2,746,394.  
 Dolza, John, and Steinhagen. 2,739,855.  
 Dolza, John, Steinhagen, and Johnson. 2,769,660.  
 Donahue, William A. 2,749,606.  
 Donley, Carson O. 2,765,520.  
 Dörper, Alfred P. 2,775,136.  
 Double, Walter F. 2,764,212.  
 Dougherty, Floyd G. 2,748,567.  
 Druseikis, Frederick. 2,762,612.  
 Dyrbig, Edwin S. 2,729,072.  
 Dyer, John B. 2,765,064.  
 Dyer, John B., and Harrison. 2,748,612.  
 Dyer, John B., and Smith. 2,735,029.  
 Dyer, John W. 2,737,792.  
 Dyer, John W. 2,740,958.  
 Dyer, John W., Flatt, and Short. 2,744,282.  
 Dymski, Donald A. 2,761,625.  
 Earl, Harley J. 2,771,542.  
 Eder, Virgil K. 2,750,317.  
 Edmundson, William C. 2,760,094.  
 Egebert, William F. 2,765,620.  
 Elliott, Harold V. 2,733,309.  
 Elliott, Harold V. 2,746,131.  
 Elliott, Harold V. 2,769,352.  
 Elliott, Harold V., and W. E. and H. F. Brown. 2,734,992.  
 Elser, John G. 2,762,352.  
 Erwin, Wesley S. 2,739,284.  
 Eshbaugh, Jesse E. 2,734,337.  
 Evans, Jesse L. 2,751,486.  
 Evans, Jesse L., and Prashaw. 2,758,197.  
 Evashovski, Kenneth. 2,763,106.  
 Ewing, Charles W. 2,759,446.  
 Falge, Robert N. 2,733,335.  
 Falge, Robert N. 2,739,927.  
 Falge, Robert N. 2,749,434.  
 Falge, Robert N. 2,752,481.



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Falge, Robert N., 2,769,157.  
 Falge, Robert N., Miller, and Onksen, 2,760,114.  
 Falge, Robert N., Onksen, Todd, and Miller, 2,762,932.  
 Fischer, Harold, 2,740,512.  
 Fleischman, George P., 2,764,260.  
 Flynn, Gregory, Jr., 2,736,300.  
 Flynn, Gordon E., 2,761,249.  
 Flynn, John B., 2,771,209.  
 Foland, Francis K., Onksen, and Todd, 2,747,139.  
 Foster, William J., 2,734,636.  
 Frank, Mark H., 2,766,634.  
 Frey, Edward J., 2,747,801.  
 Frey, Edward J., 2,768,789.  
 Frey, Edward J., 2,768,790.  
 Frey, Edward J., 2,768,791.  
 Frick, Charles H., and Hickson, 2,771,788.  
 Frick, Charles H., and Rays, 2,737,166.  
 Frier, Billy E., 2,749,497.  
 Froberger, Charles F., 2,751,650.  
 Fry, Millard E., 2,754,403.  
 Fry, Millard E., 2,754,405.  
 Fry, Millard E., 2,767,298.  
 Fryer, Edward R., and Anderson, 2,773,320.  
 Funkhouser, Merick, and Brundrett, 2,732,039.  
 Fuqua, Lloyd T., 2,734,994.  
 Gadd, Charles W., 2,730,895.  
 Gadd, Charles W., 2,764,020.  
 Gadd, Charles W., 2,764,136.  
 Gadd, Charles W., and Corriveau, 2,741,128.  
 Gage, James F., Miller, and Todd, 2,741,737.  
 Gaither, Raymond A., 2,762,908.  
 Gaither, Raymond A., and Onksen, 2,767,306.  
 Galla, Michael J., 2,757,018.  
 Gandelot, Howard K., 2,749,478.  
 Garvey, Louis P., Walter, and Ballard, 2,770,489.  
 Gaubatz, Arthur W., 2,741,919.  
 Gaubatz, Arthur W., 2,743,579.  
 Gaubatz, Arthur W., 2,744,415.  
 Gaubatz, Arthur W., 2,757,253.  
 Gaubatz, Arthur W., 2,761,387.  
 Gaubatz, Arthur W., 2,767,275.  
 Gaugler, Richard S., 2,752,762.  
 Gaugler, Richard S., and Galin, 2,772,542.  
 Geer, William J., 2,766,746.  
 Gelfand, Louis, and McLean, 2,763,508.  
 Gelfand, Louis, and Sharpe, 2,737,781.  
 Georgiev, Alexander M., 2,747,827.  
 Georgiev, Alexander M., and Hancock, 2,766,408.  
 Geyer, Howard M., 2,742,021.  
 Geyer, Howard M., 2,769,430.  
 Geyer, Howard M., 2,770,345.  
 Geyer, Howard M., 2,774,336.  
 Geyer, Howard M., 2,774,337.  
 Gibson, Frank M., 2,747,922.  
 Gibson, J. Lowell, 2,746,261.  
 Glock, Richard F., 2,754,558.  
 Goodwin, Richard M., 2,729,832.  
 Goodwin, Richard M., 2,768,480.  
 Graham, Charles D., 2,739,794.  
 Greger, Edward J., 2,737,424.  
 Grenell, Leland H., 2,745,936.  
 Grenell, Leland H., 2,769,231.  
 Grenell, Leland H., 2,769,238.  
 Grenell, Leland H., and Wurtz, 2,760,346.  
 Gretzinger, John R., 2,747,744.  
 Gretzinger, John R., Chea, and Hanson, 2,754,002.  
 Grooms, Albert O., 2,774,839.  
 Guyton, James H., 2,737,581.  
 Guyton, James H., 2,764,675.  
 Hackett, William S., 2,748,435.  
 Haigh, Edgar, and Keydel, 2,770,227.  
 Haldeeman, John M., 2,748,453.  
 Haldeeman, John M., 2,749,672.  
 Hammond, Almerion, 2,749,155.  
 Hanink, Dean K., and Clague, 2,732,600.  
 Hanink, Dean K., and Clague, 2,756,475.  
 Hanink, Dean K., and Thompson, 2,757,269.  
 Hansen, Kai H., Re 2,748,248.  
 Hansen, Kai H., 2,731,257.  
 Hanson, Clarence B., Jr., Vermaire, 2,743,714.  
 Hanyasz, Eugene A., and Weller, 2,750,791.  
 Harada, Henry H., 2,737,345.  
 Harrison, John B., and Rowis, 2,756,269.  
 Harrison, John B., and Rowis, 2,774,805.  
 Harrold, Marshall C., 2,768,176.  
 Harrold, Marshall C., 2,769,048.  
 Harrold, Marshall C., and Wheeler, 2,769,312.  
 Hartzell, Herman L., and Dyer, 2,738,808.  
 Hartzell, Herman L., Redick, and Julian, 2,769,047.  
 Hastings, Homer R., 2,736,905.  
 Hayes, Charles E., 2,738,997.  
 Heath, Thomas C., 2,747,106.  
 Heavener, Harvey R., 2,760,380.  
 Heffner, Francis E., 2,766,624.  
 Heffner, Bert H., and Weide, 2,737,157.  
 Heidorn, John H., 2,736,227.  
 Heidorn, John H., 2,774,221.  
 Helgeby, Ralph O., 2,759,447.  
 Helsley, Charles W., Jr., Kutsche, and Orent, 2,750,953.  
 Helvern, James O., 2,747,694.  
 Hendrix, Sylvan G., and Miller, 2,761,520.  
 Henry, Donald J., 2,770,859.  
 Henry, Donald J., 2,772,458.

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Herndon, Walter B., 2,763,162.  
 Herndon, Walter B., Snyder, and Condon, 2,761,828.  
 Hirsch, Richard A., 2,734,587.  
 Hirsch, Richard A., 2,761,519.  
 Hockett, Chester E., and Smith, 2,772,069.  
 Holstatter, Frank F., 2,745,541.  
 Holbrook, Gordon E., 2,761,277.  
 Holin, William F., 2,746,400.  
 Holin, William F., 2,748,721.  
 Holmes, John R., and Schwarz, 2,732,971.  
 Holzwarth, James C., 2,752,242.  
 Holmerson, Charles P., and Schumer, 2,747,921.  
 Houch, Hooper J., 2,756,200.  
 Houch, Hooper J., 2,762,117.  
 Hulsing, Kenneth L., 2,743,712.  
 Hutchison, Robert R., 2,746,438.  
 Hutchison, Robert R., 2,771,870.  
 Irwin, Edmund M., Wente, and Schweska, 2,737,543.  
 Jacobi, Thomas E., 2,769,125.  
 Jacobs, James W., 2,729,720.  
 Jacobs, James W., 2,737,026.  
 Jacobs, James W., 2,738,657.  
 Jacobs, James W., 2,741,095.  
 Jacobs, James W., 2,745,287.  
 Jacobs, James W., 2,747,385.  
 Jacobs, James W., 2,755,362.  
 Jacobs, James W., 2,759,581.  
 Jacobs, James W., 2,762,888.  
 Jacobs, James W., and Barbuiesco, 2,774,222.  
 Jacobs, James W., and Wurtz, 2,773,361.  
 Johnson, Bertil, and Shaw, 2,734,461.  
 Johnson, Lauren L., Dilworth, and Addie, 2,745,050.  
 Johnston, Hal C., 2,757,828.  
 Jorgensen, Clarence H., 2,756,734.  
 Jorgensen, Clarence H., 2,757,288.  
 Jorgensen, Clarence H., and Zeisloff, 2,738,405.  
 Karcher, Harry C., 2,768,498.  
 Karcher, Harry C., 2,775,104.  
 Kaufman, Daniel L., 2,750,760.  
 Kaufman, Daniel L., 2,752,760.  
 Kehoe, Ellsworth A., 2,747,848.  
 Keighley, Lloyd M., 2,756,565.  
 Keim, Paul T., 2,737,722.  
 Kelley, Curtis P., 2,774,219.  
 Kelley, Oliver K., 2,737,061.  
 Kelley, Oliver K., 2,766,641.  
 Kennedy, Wallace M., 2,736,305.  
 Kern, Stuart R., 2,766,748.  
 Kesling, Keith K., 2,740,266.  
 Kesling, Keith K., 2,767,040.  
 Kesling, Keith K., 2,767,042.  
 Kettering, Charles F., Silvonen, and Van Degrift, 2,760,023.  
 King, William F., 2,773,389.  
 Kingery, James E., 2,770,716.  
 Kinsey, Claude J., 2,746,759.  
 Koehring, Roland P., and Wilkens, 2,748,634.  
 Koelnig, Carl F., 2,745,460.  
 Kolbe, Adelbert E., 2,771,865.  
 Krause, Herbert A., 2,766,356.  
 Krodel, Leader J., 2,741,829.  
 Kuhn, Albert J., 2,751,805.  
 Kyser, Chauncey S., 2,747,440.  
 La Belle, Jack E., 2,756,622.  
 Lamm, Lewis J., 2,742,600.  
 Lamm, Lewis J., 2,773,472.  
 Landell, Stanford, 2,772,924.  
 Large, Samuel R., 2,741,500.  
 Larsen, Grayland T., and Lausten, 2,767,359.  
 Lautenbach, Charles S., 2,746,747.  
 Lautzenhiser, Argyle G., 2,740,012.  
 Lautzenhiser, Argyle G., Shaw, and Dyer, 2,749,498.  
 Lawton, Ledra M., and Ross, 2,737,463.  
 Leach, Clayton B., 2,771,869.  
 Legge, George D., 2,770,388.  
 Light, James W., 2,730,994.  
 Light, James W., 2,747,713.  
 Light, James W., 2,753,031.  
 Lilquist, Torsten O., 2,773,927.  
 Lincoln, Clovis W., 2,736,208.  
 Lincoln, Clovis W., Gold, and Spiekerman, 2,775,664.  
 Lincoln, Clovis W., and Zeigler, 2,756,605.  
 Lincoln, Clovis W., and Zeigler, 2,768,531.  
 Little, John H., 2,753,726.  
 Little, John H., 2,756,663.  
 Livezey, William G., 2,736,412.  
 Long, George B., 2,732,135.  
 Long, George B., 2,745,797.  
 Long, George B., 2,765,454.  
 Long, George B., and Valentine, 2,748,239.  
 Long, George B., and Valentine, 2,753,432.  
 Long, George B., and Valentine, 2,762,893.  
 Lowry, Ned W., and Skinner, 2,766,833.  
 Luechauer, Holle C., 2,731,876.  
 Luechauer, Holle C., 2,758,962.  
 Luechauer, Holle C., 2,761,831.  
 Luechauer, Holle C., and Erickson, 2,739,117.  
 Lunn, Clarence R., 2,731,251.  
 MacGregor, Basil N., and Rigby, 2,768,428.  
 Mach, George J., 2,753,947.  
 Mahoney, Donald G., 2,755,192.  
 Mann, Leonard J., 2,732,272.  
 Mann, Leonard J., 2,737,783.

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Mann, Leonard J., Murphy, and Sharpe. 2,735,274.  
 Marino, Salvatore F. 2,731,857.  
 Martin, Edward J., and Frawley. 2,766,653.  
 Martin, Edward J., and Quinn. 2,754,381.  
 Martin, Harry D. 2,734,757.  
 Martin, James J., and Slone. 2,752,823.  
 Marvin, John T. 2,736,583.  
 Marvin, John T. 2,753,023.  
 Marvin, John T. 2,753,023.  
 Masel, Theodore C., and Miller. 2,756,691.  
 Mathews, Thomas O., and Nicely. 2,757,415.  
 Matthews, Milton C. 2,774,897.  
 May, Joseph. 2,736,219.  
 McClelland, Clarence P. 2,743,617.  
 McClelland, Clarence P. 2,743,405.  
 McClelland, Clarence P. 2,750,221.  
 McCormick, Francis H. 2,742,708.  
 McCormick, Francis H. 2,752,694.  
 McCuen, Charles L. 2,756,664.  
 McDonnell, Joseph M., and Mowers. 2,763,340.  
 McDowall, Charles J. 2,738,920.  
 McDowall, Charles J., and Monteth. 2,763,462.  
 McDowall, Charles J., Wheatley, and Dougherty. 2,729,938.  
 McDuffie, Archie D. 2,736,306.  
 McDuffie, Archie D. 2,737,170.  
 McPadden, George H., Bennett, and Boyd. 2,731,427.  
 McLean, Robert F. 2,747,923.  
 McMullen, Wesley W. 2,764,142.  
 Mead, Howard C. 2,770,714.  
 Michel, Ross O. 2,756,117.  
 Michelsen, Henry. 2,738,238.  
 Miller, Charles W. 2,740,902.  
 Miller, Charles W., and Onksen. 2,742,592.  
 Miller, Charles W., and Todd. 2,771,569.  
 Miller, Charles W., Todd, and Onksen. 2,767,347.  
 Miller, Dale W., Covert, Royer, and Demido. 2,748,877.  
 Miller, Joseph P., and Britton. 2,756,690.  
 Mitchell, Boris J. 2,749,899.  
 Mitchell, Boris J. 2,749,900.  
 Mitchell, Boris J. 2,749,901.  
 Moore, Richard E., Detamore, Brooks, and Miller. 2,756,012.  
 Moore, Richard E., and Miller. 2,737,253.  
 Moore, Richard E., and Miller. 2,745,500.  
 Morgann, Robert O., and Bush. 2,729,315.  
 Moyer, David F. 2,743,335.  
 Moyer, David F. 2,743,335.  
 Muller, Lloyd E. 2,747,495.  
 Myers, Clarence W. 2,764,004.  
 Nash, Carl B. 2,773,686.  
 Nellis, James H. 2,748,244.  
 Nelson, Jean B., and Jacob. 2,756,596.  
 Nichols, Charles A., and Clevenger. 2,747,645.  
 Nichols, Charles A., Weiser, and Ewald. 2,766,645.  
 Nichols, Charles A., Weiser, and Ewald. 2,773,404.  
 O'Brien, William J. 2,741,697.  
 O'Connor, Neal E. 2,761,256.  
 Ocott, James D. 2,751,145.  
 Olivier, Jules A., and Tell. 2,747,928.  
 Olson, Elmer. 2,737,935.  
 Olson, Elmer. 2,749,099.  
 Olson, Elmer, Berninger, and Ahoe. 2,762,235.  
 Olson, Elmer, and Derr. 2,771,282.  
 Olson, Elmer, Kelly, Gibbs, and Reppert. 2,732,038.  
 O'Malley, John J. 2,740,256.  
 O'Malley, John J. 2,749,772.  
 Onksen, George W., Cole, and Gaither. 2,762,912.  
 Onksen, George W., and Hokans. 2,767,305.  
 Onksen, George W., Jr. 2,731,584.  
 Onksen, George W., Jr., and Miller. 2,754,452.  
 Onksen, George W., Jr., Miller, and Falge. 2,762,930.  
 Orent, Edward, and Kutsche. 2,731,976.  
 Orr, Nolan B. 2,744,722.  
 Ostrander, Lester V. 2,765,780.  
 Overcash, Dwight M., and Parks. 2,737,485.  
 Owen, Webster J. 2,735,657.  
 Paluch, Milton M., and Teichert. 2,740,668.  
 Pazitney, Paul J., Jr., and De Weese. 2,738,549.  
 Pearce, George C. 2,742,402.  
 Pearce, George C. 2,754,404.  
 Pearce, George C. 2,757,663.  
 Pearce, George C. 2,765,728.  
 Pearce, George C. 2,769,440.  
 Pearce, George C., and Nellis. 2,765,375.  
 Peterson, Victor W. 2,751,388.  
 Peterson, Victor W. 2,775,331.  
 Piehler, Joseph R. 2,747,375.  
 Polhemus, Von D., and Forbush. 2,773,990.  
 Polhemus, Von D., and Ruegg. 2,762,445.  
 Porter, Herbert C. 2,768,317.  
 Prewitt, Thomas A. 2,766,384.  
 Priestman, Bewley D. 2,751,242.  
 Purchas, William J., Jr. 2,766,745.  
 Purchas, William J., Jr., and Orent. 2,751,253.  
 Purchas, William J., Jr., and Vickers. 2,762,654.  
 Rasmussen, Olaf, and Rike. 2,736,396.  
 Rataiczak, Francis I. 2,760,649.  
 Rausch, John T. 2,734,525.  
 Reddy, Virgin C. 2,749,891.  
 Redick, David C. 2,731,525.  
 Redman, Theodore H., and Stoltman. 2,741,465.  
 Reid, William L., and Galonska. 2,756,717.

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Reinsch, Earl W. 2,768,748.  
 Remington, Warner E. 2,772,656.  
 Reppert, Edwin J., and Kelly. 2,735,643.  
 Reynolds, Edward F. 2,738,718.  
 Reynolds, Harold A., and Schwarz. 2,759,673.  
 Rice, Lyman A. 2,766,418.  
 Riedel, Walter W. 2,774,001.  
 Riesing, Ellwood F. 2,736,584.  
 Riesing, Ellwood F. 2,739,456.  
 Riesing, Ellwood F. 2,736,586.  
 Riesing, Ellwood F. 2,768,849.  
 Riggs, Arnold E. 2,738,574.  
 Roach, Arvid E. 2,741,016.  
 Roach, Arvid E. 2,766,078.  
 Romig, Robert G. 2,750,866.  
 Rosenberger, Maurice S. 2,762,384.  
 Rosenberger, Maurice S. 2,766,639.  
 Rossman, Edwin F. 2,765,054.  
 Rounds, Fred G., Schwind, and Withrow. 2,747,560.  
 Rowland, Dan R., and Stark. 2,751,765.  
 Royer, Darrell E. 2,747,593.  
 Royer, Darrell E., and Smith. 2,747,742.  
 Sacksteder, Alfred J. 2,766,369.  
 Sampson, Frederick W. 2,731,813.  
 Sampson, Frederick W. 2,747,281.  
 Sampson, Frederick W. 2,749,398.  
 Sampson, Frederick W. 2,749,399.  
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- Gerberich, Donald E.: See—
- Gerberich, John C., and Gerberich. 2,741,467.
- Gerbracht, Fred. Roof and wall construction for prefabricated buildings. 2,735,383, 2-21-56, Cl. 108-21.
- Gerbracht, George P., to Erie Resistor Corp. Contact clip. 2,736,876, 2-28-56, Cl. 339-258.
- Gerbracht, Osceola J. Apparatus and method for spraying terrain. 2,757,044, 7-31-56, Cl. 299-43.
- Gerbracht, Osceola J. Row crop weeder and cultivator. 2,758,530, 8-14-56, Cl. 97-46.89.
- Gerbracht, Osceola J. Spray pump apparatus. 2,774,626, 1-18-56, Cl. 299-45.
- Gerdas, John. Road scraper for a vehicle. 2,755,102, 7-17-56, Cl. 280-164.
- Gerdas, Rionold E., H. G. Kromminga and P. T. Rewerts. Fertilizer distributor with adjustable gate control and force feed means to insure discharge of fertilizer. 2,764,321, 9-25-56, Cl. 222-242.
- Gerdetz, Louis F. Process of underground gasification of coal. 2,761,663, 9-4-56, Cl. 262-3.
- Gerdin, Sven G., to Aktiebolaget Bofors. Depth-charge launcher. 2,770,169, 11-13-56, Cl. 89-1.
- Gerdling, Cornelius T. Method and apparatus for cutting roads. 2,755,827, 7-24-56, Cl. 143-85.
- Gerdts, Gustav P.: See—
- Pape, Hans-Martin. 2,749,045.
- Gerdy, Emanuel J. Muffer and tailpipe hanger. 2,744,706, 5-8-56, Cl. 248-60.
- Gerecke, Walter: See—
- Cordier Otto, and Gerecke. 2,740,387.
- Gergel, William C.: See—
- Astle, Melvin J., and Gergel. 2,756,240.
- Gergovich, Frank A., and S. S. Lenski. Simulated motor-sound producer. 2,748,532, 6-5-56, Cl. 86-175.
- Gerhold, Jacob H.: See—
- Solomon, Benjamin, and Gerhardt. 2,758,872.
- Gerhardt, Carl W. Well point. 2,744,579, 5-8-56, Cl. 166-160.
- Gerhardt, Philip B., J. O. Smith, Jr., and A. R. Jones, to Esso Research and Engineering Co. Additives for petroleum products. 2,746,923, 5-22-56, Cl. 252-33.
- Gerhardt, Philip B., J. O. Smith, Jr., and A. R. Jones, to Esso Research and Engineering Co. Combination additive for petroleum products. 2,750,340, 6-12-56, Cl. 252-33.3.
- Gerhardt, Walter, and A. Schropp, to H. A. Sickinger. Vehicle coupling for producing additional ground pressure of the coupled vehicles. 2,747,890, 5-29-56, Cl. 280-406.
- Gerhart, Cecil G., to N & W Industries, Inc. Reinforced pocket structure. 2,766,460, 10-16-56, Cl. 2-248.
- Gerhold, Clarence G.: See—
- Keenel, Ellsworth R., and Gerhold. 2,766,179.
- Wassil, Vladimir, and Gerhold. 2,773,809.
- Gerhold, Clarence G., to Universal Oil Products Co. Liquid solvent extraction process. 2,730,558, 1-10-56, Cl. 260-674.
- Gerhold, Clarence G., to Universal Oil Products Co. Process for hydrofining and reforming feed stocks. 2,773,007, 12-5-56, Cl. 19-28.
- Geriatric Utility Bed Corp.: See—
- Pirone, Frank J., and Hamann. 2,761,152.
- Gericke, Carl E., to American Machinery Corp. Coating process for fruits and vegetables. 2,755,189, 7-17-56, Cl. 91-168.
- Gericke, Erich. Shiftable flexible sheet securing device. 2,737,887, 3-13-56, Cl. 101-415.1.
- Gerity-Michigan Corp.: See—
- Kinker, Clarence C., and Murtagh. 2,739,426.
- Gerjowich, Henry J., to E. I. du Pont de Nemours and Co. Herbicidal halophenyl-alkyl-ureas. 2,753,251, 7-3-56, Cl. 261-26.
- Gerjowich, Henry J., and R. S. Johnson, to E. I. du Pont de Nemours and Co. N-(carbamyl) amide herbicides. 2,762,695, 9-11-56, Cl. 71-2.6.
- Gerjowich, Henry J., and R. S. Johnson, to E. I. du Pont de Nemours and Co. N-(carbamyl) amide herbicides. 2,762,696, 9-11-56, Cl. 71-2.6.
- Gerke, John R.: See—
- Fried, Josef, Thoma, Perlman, and Gerke. 2,753,290.
- Gerlach, Chester E. R. Process and compositions for producing plastic ornamentation. 2,757,473, 8-7-56, Cl. 41-26.
- Gerlach, Frank A., and F. Vetroino, to The American Laundry Machinery Co. Door guiding and retaining means for cylindrical receptacles. 2,768,681, 10-30-56, Cl. 160-206.
- Gerlach, Karl. Mine filling frame structure comprising props and pivotally connected girders. 2,729,945, 1-10-56, Cl. 61-2.
- Gerlach, Karl. Mine supporting structure for working mines. 2,749,712, 6-12-56, Cl. 61-45.
- Gerlach, Karl. Pit prop. 2,765,140, 10-2-56, Cl. 248-354.
- Gerlinger Carrier Co.: See—
- Gohrke, Raymond W. 2,748,966.
- Gerlinger, Walter, Inc.: See—
- Johnson, Harry H. 2,757,095.
- German, Dwight: See—
- Monroe, Charles Z., and German. 2,747,473.
- German, Gordon G. Unloading attachment for a bin. 2,729,346, 1-3-56, Cl. 214-17.
- Germann, George J., to Autopulser Corp. Liquid fuel pump. 2,764,947, 10-2-56, Cl. 103-150.
- Germans, Fedde H., and W. Voort, to De Nederlandse Organisatie Voor Toegepast-Natuurwetenschappelijk Onderzoek Ten Behoeve Van Nijverheid, Handel en Verkeer. Device for inspecting and recording the appearance of threads and yarns. 2,752,782, 7-3-56, Cl. 73-160.
- Gernery, Norman V., and S. A. Makowski, to United Shoe Machinery Corp. Spraying apparatus for cement lasting. 2,772,658, 12-4-56, Cl. 118-323.
- Germer, Edmund, to Hanovia Chemical & Mfg. Co. Electric discharge device. 2,733,373, 1-31-56, Cl. 313-188.
- Germeshausen, Kenneth J., to the United States of America as represented by the Secretary of the Navy. Indirectly heated cathode. 2,750,526, 6-12-56, Cl. 313-337.
- Germeshausen, Kenneth J. Flash-photography delay system. 2,755,714, 7-24-56, Cl. 95-11.5.
- Germeshausen, Kenneth J. Gaseous-discharge device and method of making the same. 2,756,361, 7-24-56, Cl. 313-184.
- Germeshausen, Kenneth J. Electric-discharge system. 2,756,365, 7-24-56, Cl. 315-234.
- Gero, Doane R., to Goodyear Aircraft Corp. Electable aircraft seat capsule. 2,733,027, 1-31-56, Cl. 244-14.
- Gerosa, Anthony. Mopping buckets. 2,738,531, 9-20-56, Cl. 15-140.2.
- Gerosa, Anthony. Movable support for containers. 2,744,710, 5-8-56, Cl. 248-129.
- Gerotor May Corp.: See—
- Davis, Edward A. 2,732,099.
- Gerotor May Corp. of Maryland: See—
- Quintilian, Bartholomew F. 2,753,810.
- Gerrish, Harold C. Apparatus for determination of fuel-air ratio of gas mixtures. 2,756,128, 7-24-56, Cl. 23-254.
- Gerry, Julian E., and H. G. McMannus, to Menasco Mfg. Co. Combination hydraulic steering and damping device. 2,747,549, 5-29-56, Cl. 121-38.
- Gerry, Julian E., and L. J. Maltby. Hydraulic actuated steering mechanism. 2,765,778, 10-9-56, Cl. 121-38.
- Gerry, Otto F., to General Electric Co. Combined heater and speed control for food mixer. 2,737,371, 3-6-56, Cl. 259-1.
- Gerry, Otto F., to General Electric Co. Trigger-controlled switch speed governor and indicator for food mixers and the like. 2,737,603, 3-6-56, Cl. 310-68.
- Gershach, Herbert A., and D. R. Bacon, to Percy Mfg. Co., Inc. Multiple coin controlled turnstile. 2,742,996, 4-24-56, Cl. 194-55.
- Gersch, Adolph E., to Geo. Stevens Mfg. Co. Counting and control device. 2,749,041, 6-5-56, Cl. 235-132.
- Gershberg, Solomon. Apparatus for testing adhesive tape. 2,751,784, 6-5-56, Cl. 73-150.
- Gershberg, Solomon. Apparatus for testing adhesive tape. 2,752,780, 7-3-56, Cl. 73-150.
- Gershens, Irvin J., to Pyro Plastics Corp. Container hinge assembly. 2,746,081, 5-22-56, Cl. 16-150.
- Gershman, George L. Taper micrometer. 2,746,158, 5-22-56, Cl. 33-174.
- Gershon, Benjamin. Prismatic ornamentation. 2,765,556, 10-9-56, Cl. 41-19.
- Gersley, Charles H., and K. P. Schumacher, to Pathe Mfg. Corp. Adjustable book shelf. 2,752,047, 6-26-56, Cl. 211-14.
- Gersman, Chadot B.: See—
- Gersman, Harvey M. 2,750,034.
- Gersman, Harvey M., deceased; C. B. Gersman, administrator. Method and apparatus for extrusion of plastic materials. 2,750,034, 6-12-56, Cl. 207-17.
- Gerst, Chris, to Westinghouse Air Brake Co. Concrete mixer. 2,732,189, 1-24-56, Cl. 259-177.
- Gerst, Chris, to The Transmission & Gear Co. Transmission. 2,741,130, 4-10-56, Cl. 74-15.86.
- Gerst, Chris, to The Transmission & Gear Co. Transmission. 2,764,898, 10-2-56, Cl. 74-360.
- Gerst, Chris, to The Transmission & Gear Co. Transmission. 2,772,582, 12-4-56, Cl. 74-740.
- Gerst, Irving: See—
- Libman, Earl E., Flalkow, Bozeman, and Gerst. 2,762,565.
- Gerstenberger, Walter, to United Aircraft Corp. Hydraulic booster control of helicopter blade pitch. 2,755,870, 7-24-56, Cl. 170-160.25.
- Gerstenberger, Walter, to United Aircraft Corp. Fluid damper. 2,755,871, 7-24-56, Cl. 170-160.55.
- Gerstenberger, Walter, to United Aircraft Corp. Fluid damper for rotary wing aircraft. 2,755,872, 7-24-56, Cl. 170-160.55.
- Gerstenblith, Simon, to Finesse Whistler, Inc. Expandable band with tubular inner and outer links, the inner links having guiding and stop flanges. 2,753,682, 7-10-56, Cl. 59-79.
- Gerstmayr, Leonard A., to Wolfgang Spitzer. Safety gas coils. 2,754,896, 7-17-56, Cl. 158-134.
- Gerteis, Karl M., to Carrier Corp. Compressor capacity control. 2,755,987, 7-24-56, Cl. 230-22.
- Gervais, Germain. Integrating counter mechanism. 2,743,867, 5-1-56, Cl. 235-61.
- Gerwe, Raymond D., to Food Machinery and Chemical Corp. Material applicator for fruits and vegetables. 2,738,761, 3-20-56, Cl. 118-13.
- Gerwig, Harvey F., H. M. Ehrhardt, C. W. Franklin, and E. D. Hosermer, to Weston Hydraulics, Inc. Locking, damping and rate control means for fluid pressure servo systems. 2,755,777, 7-24-56, Cl. 121-41.

- Gerwig, Larry L., to Bendix Aviation Corp. Dispensing valve for high pressure fluid storage flasks. 2,744,386, 5-8-56, Cl. 62-1.
- Gerwig, Larry L., to Bendix Aviation Corp. Freezing point meter. 2,749,741, 6-12-56, Cl. 73-17.
- Gerwig, Larry L., to Bendix Aviation Corp. Freeze-tester. 2,774,238, 12-18-56, Cl. 73-17.
- Gerzon, Koert, and E. R. Shepard, to Eli Lilly and Co. Alkylene dioxy bis-benzylamines. 2,759,977, 8-21-56, Cl. 260-370.9.
- Geschickter, Charles F., and L. M. Rice. Polyhydrophthalamic acid visceral smooth muscle relaxants. 2,774,787, 12-18-56, Cl. 260-514.
- Geschickter Fund for Medical Research, Inc. See—Crogan, Charles H., and Rice. 2,751,392.
- Grogan, Charles H., and Rice. 2,759,973.
- Gesell, Frank A., and E. N. Woistmann, to General Mills, Inc. Combined brush and mop. 2,732,574, 1-31-56, Cl. 15-115.
- Gesellschaft der Ludw. von Roll'schen Eisenwerke AG. See—Bretscher, Otto. 2,774,197.
- Gesellschaft fuer Linde's Eismaschinen Aktiengesellschaft. See—Jacob, Fritz. 2,753,698.
- Lahoda, Alfred. 2,775,211.
- Gesellschaft fuer Linde's Eismaschinen Aktiengesellschaft. See—Becker, Rudolf, and Hartmann. 2,737,784.
- Ranke, Fritz. 2,730,875.
- Gesellschaft fuer Teerverwertung mit beschränkter Haftung. See—Schmalenbach, Adolf. 2,740,753.
- Gesellschaft zur Förderung der Forschung an der Eidg. Techn. Hochschule. See—Honegger, Emil. 2,759,494.
- Gessler, Otto C. Closure hinge. 2,771,629, 11-27-56, Cl. 16-190.
- Gessner, David, Co. See—Dourdeville, Theodore A. 2,739,366.
- Gestetter Ltd. See—Styles, Leonard W. 2,775,451.
- Styles, Leonard W., and Pickling. 2,730,042.
- Getaz, James L. Knitted hosiery and method of closing the toe of same. 2,740,279, 4-3-56, Cl. 66-187.
- Getline, Gordon L. Vibration-isolating power plant mounting system. 2,761,638, 9-4-56, Cl. 248-5.
- Gettel, Henry E. Variable tray box. 2,775,498, 12-25-56, Cl. 312-201.
- Gettelman, Robert O., to Wisconsin Marine Co. Snow remover of the rotary type. 2,770,894, 11-20-56, Cl. 37-43.
- Gettemans, John F. See—Block, Alfred, and Gettemans. 2,750,251.
- Getz, Arnestad G., to The Bishop and Babcock Mfg. Co. Rolls for corrugating metal strips. 2,769,479, 11-6-56, Cl. 153-7.
- Getz, Benjamin E., to A. F. Meyer Mfg. Co. Pressure rolls for agricultural machines. 2,753,788, 7-10-56, Cl. 100-171.
- Getz, Delmond L., to The Steel Products Engineering Co. Filler cap assembly. 2,735,572, 2-21-56, Cl. 220-25.
- Getz, Delmond L., and G. E. Ridgway, to Kelsey-Hayes Wheel Co. Filler cap assembly. 2,751,108, 6-19-56, Cl. 220-55.
- Getz, Delmond L., and R. O. Hedges, to Kelsey-Hayes Wheel Co. Gas burner. 2,759,533, 8-21-56, Cl. 158-110.
- Getz, Delmond L., and R. O. Hedges, to Kelsey-Hayes Wheel Co. Fuel supply system for oil burners. 2,760,564, 8-28-56, Cl. 158-36.3.
- Gender, Paesche & Frey Co. See—Voigt, Herbert L. 2,756,423.
- Voigt, Herbert L., and Siczekiewicz. 2,760,286.
- Geul, Herman. Drying kiln. 2,735,192, 2-21-56, Cl. 34-223.
- Geula, John H. Automatic edge grinder for optical lenses. 2,747,337, 5-29-56, Cl. 51-101.
- Geyer, Gabriel. See—Drake, Gordon D., Geyer, and Hayes. 2,740,792.
- Drake, Gordon D., Geyer, and Hayes. 2,759,931.
- Ebnetino, Frank F., Geyer, and Hayes. 2,759,932.
- Geyer, Gabriel, to The Norwich Pharmaceutical Co. Preparation of a series of new 3-amino-2-oxazolones. 2,740,791, 4-3-56, Cl. 260-307.
- Geyer, Gabriel, to The Norwich Pharmaceutical Co. New n-(5-nitro-2-furfurylidene)-3-amino-2-oxazolones. 2,742,462, 4-17-56, Cl. 260-240.
- Geyer, Gabriel, and J. G. Michels, to The Norwich Pharmaceutical Co. New chemotherapeutic nitrofurans. 2,746,960, 5-22-56, Cl. 260-240.
- Gewecke, Theodore H. See—Morris, William E., and Gewecke. 2,758,723.
- Gewecke, Theodore H., and C. R. Broman, to Baxter Laboratories, Inc. Apparatus for blood collection and method of using the same. 2,757,669, 8-7-56, Cl. 128-214.
- Gewerkschaft Eisenhuette Westfalen. See—Herrmann, Julius. 2,745,651.
- Geyer, Charles F. Manually actuated control attachment for automatic choke. 2,764,939, 9-25-56, Cl. 261-64.
- Geyer, Howard M., to General Motors Corp. Actuator for power steering apparatus. 2,742,021, 4-17-56, Cl. 121-41.
- Geyer, Howard M., to General Motors Corp. Actuator with dual locking means. 2,769,430, 11-6-56, Cl. 121-40.
- Geyer, Howard M., to General Motors Corp. Self-locking actuator. 2,773,485, 12-11-56, Cl. 121-40.
- Geyer, Howard M., to General Motors Corp. Locking means for fluid motor or the like. 2,774,336, 12-18-56, Cl. 121-40.
- Geyer, Howard M., to General Motors Corp. Actuator assembly with load sensing means. 2,774,337, 12-18-56, Cl. 121-41.
- Geyer, Paul. See—Parshall, Clarence M., and Geyer. 2,744,287.
- Geyger, Wilhelm A., to the United States of America as represented by the Secretary of the Navy. Motor control by magnetic servo amplifier. 2,743,407, 4-24-56, Cl. 314-107.
- Geyser, E. K., Co. See—Geyser, Emil K. 2,771,970.
- Geyser, Emil K., to E. K. Geyser Co. Metal windows. 2,771,970, 11-27-56, Cl. 189-75.
- Gezich, Stephen T. Dispenser for drawing out and serving a desirable length of tape. 2,746,543, 5-22-56, Cl. 164-42.
- Gfeller, Fritz, to M. von Schulthess. Method of spray-coating with metals. 2,754,225, 7-10-56, Cl. 117-93.
- Gfroerer, Joseph. Chum pot. 2,765,575, 10-9-56, Cl. 43-44.9.
- Ghabib, Setchouk A., and N. A. Taylor, to Metropolitan-Vickers Electrical Co. Ltd., and G. K. Jensen & Co. Ltd. Control systems for electric lifts and the like. 2,757,758, 8-7-56, Cl. 187-29.
- Ghertman, Ioino, and E. Febvre, to International Business Machines Corp. Computing mechanisms for checking computations. 2,731,199, 1-17-56, Cl. 235-61.7.
- Ghiorso, Albert. See—Thompson, Stanley G., Cunningham, and Ghiorso. 2,741,627.
- Ghormley, Edwin I., to Aluminum Goods Mfg. Co. Strip feeding apparatus. 2,754,117, 7-10-56, Cl. 271-2.5.
- Ghormley, Karl S. Apparatus for dispensing antifreeze vapor and the like to moving volumes of compressed air. 2,733,733, 2-7-56, Cl. 138-34.
- Giachetti, Anacleto D. See—Andriuzzi, Vintautas, and Giachetti. 2,739,911.
- Giachino, Marcello T., to Commercial Solvents Corp. Process for drying materials of high moisture diffusion resistance. 2,730,814, 1-17-56, Cl. 34-9.
- Giacobbe, Paul. See—Lodi, Emilio. 2,770,881.
- Giacobine, Clifford K. See—Brown, William E., and Giacobine. 2,761,836-42.
- Giacioletto, Lawrence J. See—Law, Russell R., Johnson, Giacioletto, and Barton. 2,750,507.
- Giacolone, Lawrence J., to Radio Corp. of America. Oscillator. 2,751,496, 6-19-56, Cl. 250-36.
- Giacosa, Dante, to Fiat S. p. A. Motor vehicle with forwardly mounted engine. 2,730,185, 1-10-56, Cl. 180-64.
- Giacosa, Dante, to Fiat S. p. A. Rear suspension for motor vehicles. 2,755,100, 7-17-56, Cl. 280-124.
- Giacossio, Dante, to Fiat Società per Azioni. Electric lighting and signalling plant for motor vehicles. 2,774,009, 12-11-56, Cl. 315-83.
- Gialmo, Charles V., to The Lionel Corp. Electrical control of partially denervated muscles. 2,737,183, 3-6-56, Cl. 128-44.
- Giambertoni, Andrea. Electric bread-toaster. 2,739,525, 3-27-56, Cl. 99-391.
- Giambra, Santo, Jr. Safety razor. 2,738,578, 3-20-56, Cl. 30-60.5.
- Gianelos, Louis, to The Harshaw Chemical Co. Electrodeposition of lead. 2,773,819, 12-11-56, Cl. 204-53.
- Giani, Adolfo, to Reggiani Meccanotex S. p. A. Feeding means for a textile printing machine. 2,755,085, 7-17-56, Cl. 271-2.5.
- Gianini, Carlo. System of carburization for internal combustion engines. 2,754,812, 7-17-56, Cl. 123-119.
- Giannini, G. M., & Co. Inc. See—Mastropole, Alfred J. 2,773,966.
- Mastropole, Carlisle A. 2,759,081.
- Giannotta, Carmen R. See—Kaufman, Herman S., and Giannotta. 2,729,967.
- Gianola, Aldo. See—Lazan, Franz Jr. 2,769,653.
- Giardinelli, Joseph. See—Occhipinti, Rosario, Giardinelli, and Proniuk. 2,747,075.
- Giargiri, Amando. See—Wierman, Clyde H. 2,750,685.
- Giarofalo, Joseph A., to International Standard Electric Corp. Method of balancing telephone cables, means of carrying out same and cables balanced by said method. 2,735,897, 2-21-56, Cl. 179-78.
- Gibas, Joseph A. Chair shoe. 2,746,203, 5-22-56, Cl. 45-137.
- Gibb, Thomas B. See—Bender, Howard L., Farnham, Guyer, and Gibb. 2,754,335.
- Gibb, Thomas R. P., Jr. See—Baus, Mario D., Gibb, and Bragdon. 2,738,369.
- Gibboney, Steward G., Sr. Sewer pipe elbow die. 2,751,658, 6-26-56, Cl. 25-39.
- Gibbons, Clyde E., to Crown Zellerbach Corp. Partitioned traction grit dispensing container. 2,758,773, 8-14-56, Cl. 229-15.
- Gibbons John P., to Corn Products Refining Co. Direct esterification of glucosides with fatty acids. 2,759,922, 8-21-56, Cl. 260-210.
- Gibbons, John P., to Corn Products Refining Co. Catalytic esterification of glucosides with fatty acids. 2,759,923, 8-21-56, Cl. 260-210.
- Gibbons, Melvin W., and W. J., 1/2 to J. A. Burke. Tool for piercing eaves trough sections and applying clamp thereto. 2,760,211, 8-28-56, Cl. 7-5.4.



- Gibbons, Michael F. Flush tank valve mechanism. 2,741,774, 4-17-56, Cl. 4-56.
- Gibbons, Wayne J. *See—*
- Gibbons, Melvin W. and W. J. 2,760,211.
- Gibbs, Charles W. and D. E. Powl slaughtering stand. 2,735,135, 2-21-56, Cl. 17-11.
- Gibbs, Darrel E. *See—*
- Gibbs, Charles W. and D. E. 2,735,135.
- Gibbs, George L. Jr. *See—*
- Olson, Elmer, Kelly, Gibbs, and Reppert. 2,732,038.
- Gibbs, Joe W. *See—*
- Sloan, Oliver C., and Gibbs. 2,771,142.
- Gibbs Mfg. and Research Corp. *See—*
- Brandt, Raymond W. 2,736,189.
- Wickham, Parker B. 2,743,603.
- Gibbs, Norman E. *See—*
- De Turk, John E., MacNeill, and Gibbs. 2,751,440.
- Gibbs, Roy J. Multiple bladed roofing and pruning knives. 2,732,620, 1-31-56, Cl. 59-320.
- Gibbs, Thomas H., Jr., to Continental Can Co., Inc. Drum with supported fiber bottom. 2,775,385, 12-25-56, Cl. 229-5.5.
- Gibbs, William G. *See—*
- Feick, Daniel E., Gibbs, and Howell. 2,772,612.
- Gibbs, William J. *See—*
- Larsen, Carl H., and Gibbs. 2,769,676.
- Gibbs, William J., and C. H. Larsen, to American Machine & Foundry Co. Self leveling, storing, and dispensing apparatus. 2,739,862, 3-27-56, Cl. 312-71.
- Gibraltar Mfg. Co., Inc. *See—*
- Woessner, Carl J. 2,744,650.
- Gibson, Albert S.,  $\frac{1}{2}$  to W. H. Kintzinger. Plural wire strips and electrical connector. 2,738,479, 3-13-56, Cl. 339-98.
- Gibson, Allan M. Thumb tack tool. 2,753,150, 7-3-56, Cl. 239-107.
- Gibson, Austin A. *See—*
- Barnes, Arthur W., Dyer, and Gibson. 2,771,457.
- Gibson, Carl A., Jr., to Northwestern Mail Box Co. Self propelled figured wheeled toy. 2,758,415, 8-14-56, Cl. 46-107.
- Gibson, Carl A., Jr., and M. I. Glass. Combination toy land and water vehicle. 2,775,062, 12-25-56, Cl. 46-96.
- Gibson, Christian D., to The Raymond Corp. Material handling lift truck. 2,752,058, 6-26-56, Cl. 214-730.
- Gibson, Clyde M. Adjustable choke for double barreled shot-guns. 2,731,754, 1-24-56, Cl. 42-79.
- Gibson, Electric Co. *See—*
- Hoyer, Norman S. 2,768,099.
- Gibson, Eugene C., and L. C. Holt, to The Chemstrand Corp. Lacing-up device. 2,735,540, 2-21-56, Cl. 203-67.
- Gibson, Frank M., to General Motors Corp. Vehicle window wiper retaining and sealing means. 2,747,922, 5-29-56, Cl. 296-44.
- Gibson, George M. Hydrotherapy massage apparatus. 2,733,711, 2-7-56, Cl. 128-56.
- Gibson, George M. Laundry machine. 2,759,348, 8-21-56, Cl. 68-21.
- Gibson, George T., and W. H. W. Ramsay, Jr., to John Gibson & Son Ltd. Refuse-collecting vehicle. 2,730,255, 1-10-56, Cl. 214-503.
- Gibson, George W., to United States Shoe Machinery Corp. Lining routing machines. 2,735,239, 2-21-56, Cl. 51-128.
- Gibson, Gordon E., to Westinghouse Electric Corp. Alternating-current motor. 2,763,825, 9-18-56, Cl. 318-226.
- Gibson, Harry L. Apparatus for securing thermal-activated adhesives. 2,766,810, 10-16-56, Cl. 154-42.
- Gibson-Homans Co. *See—*
- Cornell, Norman M., Gulick, and Boven. 2,768,768.
- Gibson, Horace N. Photographic illuminating device. 2,750,489, 6-12-56, Cl. 240-1.3.
- Gibson, Inc. *See—*
- McCarty, Theodore M. 2,740,313.
- Folfuss, Lester W. 2,737,842.
- Gibson, J. Lowell, to General Motors Corp. Refrigerating apparatus. 2,746,261, 5-8-56, Cl. 62-4.
- Gibson, James G. Spray attachment for a cultivator. 2,732,254, 1-24-56, Cl. 299-30.
- Gibson, John H., to Dewrance & Co. Ltd. Strainers. 2,747,682, 5-29-56, Cl. 183-34.
- Gibson John & Son Ltd. *See—*
- Gibson, George T., and Ramsay. 2,730,255.
- Gibson, Joseph W., Jr., to E. I. du Pont de Nemours and Co. Fibrous materials and processes of making same. 2,730,479, 1-10-56, Cl. 154-101.
- Gibson, Oliver E., to United States Gypsum Co. Gypsum blocks having crack resistant edge portions. 2,749,263, 6-5-56, Cl. 154-45.9.
- Gibson, Percy O. *See—*
- Rynerson, John P., Jr., Ballantine, Kidder, and Gibson. 2,728,963.
- Gibson Refrigerator Co. *See—*
- Andersen, Earl H. 2,755,108.
- Beardslee, Lewis D. 2,734,988.
- Rasmussen, Luther A. 2,741,808.
- Rusch, Edward W., Shank, and Malone. 2,766,929.
- Rusch, Edward W., Shank, and Walsh. 2,738,919.
- Schraeder, Milford J. 2,751,106.
- Gibson, Robert C., to Parker Rust Proof Co. Method of forming oxalate coating on chromium alloys. 2,774,696, 12-18-56, Cl. 148-6.14.
- Gibson, Robert G. Combination implement carrier and hitch for tractors. 2,775,176, 12-25-56, Cl. 97-46.35.
- Gibson, Robert J. *See—*
- Kirkpatrick, Leland W., Gibson, and Rich. 2,734,008.
- Gibson, Walter G. *See—*
- Schroeder, Alfred C., and Gibson. 2,743,310.
- Gibson, Walter G., to Radio Corp. of America. Registration in color television. 2,744,931, 5-8-56, Cl. 178-5.4.
- Gibson, Wilfred C. *See—*
- Schweitzer, Frank J., Jr., and Gibson. 2,760,750.
- Gibson, William, and E. F. Thomson, to Daily Mirror Newspapers Ltd. Assembly unit for a conveyor system. 2,763,360, 9-18-56, Cl. 198-35.
- Giddings & Lewis Machine Tool Co. *See—*
- Gallimore, Keith F. 2,735,975.
- Gallimore, Keith F. 2,732,269.
- Gallimore, Keith F. 2,774,250.
- Gallimore, Keith F., and Schurger. 2,730,021.
- Hollis, John C. 2,743,699.
- Renier, William S. 2,750,628.
- Gideon, Victor W.,  $\frac{1}{2}$  to J. G. Culbertson. Internal combustion engine carburetor. 2,759,718, 8-21-56, Cl. 261-65.
- Gieck, Joseph F., to J. F. Pritchard Co. Heat exchange device for the evaporative cooling of a liquid. 2,766,597, 10-16-56, Cl. 62-154.
- Giese, Martin E. Typographical slug casting machine. 2,775,340, 12-25-56, Cl. 199-61.
- Giel, George J., to Audio Products Corp. Electrical connector. 2,732,534, 1-24-56, Cl. 339-176.
- Gielow, Christian, and H. W. Hagen. Process and means for handling plastic masses. 2,765,153, 10-2-56, Cl. 259-2.
- Gier, Francis P. *See—*
- Tagliaferri, Frank P., and Gier. 2,761,950.
- Gierlich, Raymond A., to Continental Machines, Inc. Composite gage block. 2,772,483, 12-4-56, Cl. 33-168.
- Gieritz-Hedstrom, Stig, F. Adolph, and C. G. Lindgren, to Aktiebolaget Vibro-Betong. Electric vibrator mechanism. 2,761,079, 8-28-56, Cl. 310-82.
- Giese, Alphonse J., and L. B. Austing, to Vulcan Corp. Educational spinning toy. 2,742,733, 4-24-56, Cl. 46-62.
- Giese, Alphonse J., to Vulcan Corp. Process for salvaging bowling pin billets. 2,752,962, 7-3-56, Cl. 144-309.
- Giesen, Johann, to Inventa A-G, für Forschung und Patentverwertung Luzern. Method of decomposing lignin and lignin-containing materials. 2,774,795, 12-18-56, Cl. 260-619.
- Giesler, William G., and R. K. Britton, to The Autoyre Co., Inc. Electrolytic metal treatment and article. 2,746,915, 5-22-56, Cl. 204-56.
- Gieskieng, Marion W. Railway car wheel markers. 2,732,825, 1-31-56, Cl. 118-326.
- Giffin Aluminum Products Co. *See—*
- Rosebrook, Guy L. 2,742,120.
- Giffin, E. R. *See—*
- Rosebrook, Guy L. 2,742,120.
- Gifford, Elmer S. Receptacle lid fastener. 2,768,851, 10-30-56, Cl. 292-30.
- Gifford, Joseph H., and F. S. Mallick, to Westinghouse Electric Corp. Amplifier speed control of direct current motor. 2,769,129, 10-30-56, Cl. 318-327.
- Gifford-Wood Co. *See—*
- Herberg, Clifton L. 2,732,789.
- Schnabel, Otto F., and Vickers. 2,742,108.
- Giftco, Inc. *See—*
- Robbio, Benjamin. 2,745,371.
- Gilardi, Carlo. Auxiliary motor and drive for bicycles adapted to be confined between the pedals thereof. 2,745,504, 5-15-56, Cl. 180-33.
- Gilardino, Mario J. Fixture for working on lumber. 2,756,509, 7-31-56, Cl. 33-174.
- Gilbane Building Co. *See—*
- Choquette, Paul J. 2,739,365.
- Gilbert, A. C., Co., The *See—*
- Gilbert, Alfred C., and Ryan. 2,754,020.
- Kastner, Ledyard G., and Monaco. 2,738,080.
- Gilbert, Alfred C., and C. Ryan, to The A. C. Gilbert Co. Window simulating toy constructional block. 2,754,620, 7-17-56, Cl. 46-24.
- Gilbert, Alfred J., Jr. *See—*
- Keen, Harry J., Papaieck, and Gilbert. 2,751,483.
- Gilbert, Alfred R., to General Electric Co. Organosilicon compounds containing phosphorus. 2,768,193, 10-23-56, Cl. 260-448.2.
- Gilbert & Barker Mfg. Co. *See—*
- Bills, Philip H., and Grisé. 2,742,188.
- Mitnik, William P. 2,742,186.
- Grisé, Alfred L. 2,742,320.
- Grisé, Alfred L. 2,744,738.
- Hope, Stanley C. 2,744,656.
- Mess, Theodore J. 2,738,493.
- Rapisarda, Edward D. 2,770,499.
- Gilbert, Bruce *See—*
- Mohaupt, Henry H., and Gilbert. 2,765,739.
- Gilbert, Charles A., to the United States of America as represented by the Secretary of the Navy. X-beam strain gauge dynamometer. 2,767,577, 10-23-56, Cl. 73-147.
- Gilbert, Charles E., deceased, M. D. Gilbert, N. Coates, and The Chase National Bank of the City of New York, executors. Electric connector apparatus. 2,734,177, 2-7-56, Cl. 339-97.
- Gilbert, Clyde L. Chuck-stock for drill presses and the like. 2,729,128, 1-3-56, Cl. 81-390.

- Gilbert, Dove M.: *See*—  
Dyer, Charles E., and Gilbert. 2,764,376.
- Gilbert, Elma W. Dipstick actuated illuminating device. 2,743,352, 4-24-56, Cl. 240—71.
- Gilbert, Eugene V.,  $\frac{1}{2}$  to A. Bednarz. Automobile impact indicator. 2,762,995, 9-11-56, Cl. 340—61.
- Gilbert, Everett E., and G. J. Sorma, to Allied Chemical & Dye Corp. Process for the manufacture of substituted ureas. 2,720,677, 1-2-56, Cl. 260—553.
- Gilbert, Everett E., and J. A. Otto, to Allied Chemical & Dye Corp. Production of dialkyl hydrogen phosphites. 2,745,862, 5-15-56, Cl. 260—461.
- Gilbert, Everett E., to Allied Chemical & Dye Corp. Herbicides. 2,764,479, 9-25-56, Cl. 71—27.
- Gilbert, Everett E., and B. Veldhuis, to Allied Chemical & Dye Corp. Process for preparing oil-soluble sulfonic acids. 2,769,836, 11-6-56, Cl. 260—504.
- Gilbert, Gerald, and W. S. Johnson, to Rohm & Haas Co. Preparation of glyceric acid. 2,752,391, 6-26-56, Cl. 260—535.
- Gilbert, Harry, and F. F. Miller, to The B. F. Goodrich Co. Method for preparing interpolymers of vinylidene cyanide with aliphatic conjugated diolefins. 2,740,769, 4-3-56, Cl. 260—78.5.
- Gilbert, Harry, and F. F. Miller, to The B. F. Goodrich Co. Method for preparing interpolymers of vinylidene cyanide with aliphatic conjugated diolefins. 2,740,770, 4-3-56, Cl. 260—78.5.
- Gilbert, Harry, and F. F. Miller, to The B. F. Goodrich Co. Solutions of vinylidene cyanide interpolymers in nitroalkanes. 2,745,814, 5-15-56, Cl. 260—32.4.
- Gilbert, Isaac O.: *See*—  
Brown, Robinson W., Gilbert, and Youtz. 2,758,467.
- Gilbert, Jack, and H. Prehle, Jr., to General Slicing Machine Co., Inc. Sharpening device for food slicing machines. 2,769,289, 11-6-56, Cl. 51—248.
- Gilbert, Jack, and H. Prehle, Jr., to General Slicing Machine Co., Inc. Motor gear box. 2,771,786, 11-27-56, Cl. 74—421.
- Gilbert, Leon: *See*—  
De Jnr, Harry, and Gilbert. 2,736,870.
- Gilbert, Leon, to Continental Connector Corp. Separable connector assembly with aligning and securing means. 2,746,022, 5-15-56, Cl. 339—92.
- Gilbert, Lloyd D., deceased, by D. D. Oilphant, Jr., administrator, to Pacific Coast Engineering Co. Bending machine. 2,759,515, 8-21-56, Cl. 153—61.
- Gilbert Mfg. Co., Inc.: *See*—  
D'Angelo, Mario. 2,760,022.
- Gilbert, Margaret D.: *See*—  
Gilbert, Charles E. 2,734,177.
- Gilbert, Maxon E. Charcoal broiler grill. 2,735,358, 2-21-56, Cl. 99—427.
- Gilbert & Nash Co.: *See*—  
Baetz, Clarence O. 2,729,111.
- Wendshuh, Herbert L., and Lamson. 2,729,112.
- Gilbert, Paul T., Jr., to Beckman Instruments, Inc. Glass electrodes. 2,756,203, 7-24-56, Cl. 204—195.
- Gilley, Philip E. Beverage can and accessory. 2,729,956, 1-10-56, Cl. 65—13.
- Gilbert, Ronald A., to D. Napier & Son Ltd. Infinitely variable ratio transmission mechanism. 2,772,575, 12-4-56, Cl. 74—199.
- Gilbert, Roswell W., to Weston Electrical Instrument Corp. Inductromagnetic transformer. 2,729,781, 1-3-56, Cl. 321—25.
- Gilbert, Roswell W., to Weston Electrical Instrument Corp. D. C. amplifier. 2,744,168, 5-1-56, Cl. 179—171.
- Gilbert, Roswell W., to Weston Electrical Instrument Corp. Photographic exposure-determining apparatus. 2,755,704, 7-24-56, Cl. 88—23.
- Gilbert, Samuel, to Bendix Aviation Corp. Engine starters. 2,755,642, 7-24-56, Cl. 64—30.
- Gilbert, Samuel, and C. S. Metzger, to Bendix Aviation Corp. Fluid operated accessory spline disconnect. 2,742,991, 1-24-56, Cl. 192—31.
- Gilbert, Walter J., Sr., to Syntro Corp. Rotary shaft seal. 2,761,709, 9-4-56, Cl. 286—9.
- Gilbert, Walter W.: *See*—  
McShane, Herbert F., Jr., and Gilbert. 2,772,291.
- Gilbert, Walter W., and E. W. Hawk, E. de Pont de Nemours and Co. Process of hydrogenating maleic anhydride with a nickel or cobalt molybdate catalyst. 2,772,293, 11-27-56, Cl. 260—343.6.
- Gilbert Wheel, Inc.: *See*—  
Allen, Gene. 2,761,485.
- Gilbert, William J., G. McNulty, and C. W. Montgomery, to Gulf Research & Development Co. Desulfurization of high boiling hydrocarbons. 2,733,189, 1-31-56, Cl. 196—28.
- Gilbert, William L., Clock Corp. The: *See*—  
Arnold, Charles H. 2,729,056.
- Thompson, Norman F., 3rd, and Marres. 2,773,548.
- Gilbertville Woven Label Corp.: *See*—  
Gage, Edwin G. 2,752,999.
- Gage, Edwin G. 2,766,566.
- Gilbey, W. A., Ltd.: *See*—  
Wiseman, William A. 2,754,212.
- Gilbreth, Barbara P., and B. J. Williams. Tape roll holder and rear strip. 2,734,575, 2-14-56, Cl. 164—84.5.
- Gilchrist, Alan, to Peabody Engineering Corp. Burner air register and fuel control system. 2,748,844, 6-5-56, Cl. 153—11.
- Gilchrist, Albert D., to The Leece-Neville Co. Electrical generating system. 2,738,457, 3-13-56, Cl. 322—28.
- Gilchrist, Edgar S., to Manning, Maxwell & Moore, Inc. Electronic controller for process control systems. 2,758,220, 8-7-56, Cl. 207—64.
- Gilchrist, Fred W., to Toledo Scale Co. Automatic tare device. 2,746,708, 5-22-56, Cl. 249—60.
- Gilcrest, Laurence B., Jr.: *See*—  
Gilcrest, Laurence B., Sr., and L. B. Gilcrest, Jr. 2,758,920.
- Gilcrest, Laurence B., Sr., and L. B. Gilcrest, Jr. Apparatus for and method of desulphurizing molten iron. 2,758,920, 8-14-56, Cl. 75—65.
- Gilday, Cheston M., Sr. Industrial fuse and switch. 2,756,303, 7-24-56, Cl. 200—114.
- Gildemester & Co., A.-G.: *See*—  
Mebius, Walter. 2,734,415.
- Gilder, Oren F. Self-propelled baler vehicle. 2,754,652, 7-17-56, Cl. 56—341.
- Giles, Jeremiah D.: *See*—  
Wiser, Henry J. 2,749,262.
- Giles, Jeremiah D. Roll of thermal insulation material. 2,739,703, 3-27-56, Cl. 206—59.
- Gilfert, James C.: *See*—  
Jacobson, Moses G., Gilfert, De Luca, and Mruk. 2,769,884.
- Gillfillan Bros., Inc.: *See*—  
Byerly, for M. 2,758,299.
- Dasipit, John I. 2,758,277.
- Davis, Donovan C., and Tryon. 2,769,084.
- Franke, Dallas V. 2,741,760.
- Franke, Dallas V. 2,741,761.
- Green, David J., Landee, and Johnson. 2,734,944.
- Johnson, Thomas J. 2,758,247.
- McCann, Joe G., and Stein. 2,751,559.
- McCann, Joe G., Weil, and Stein. 2,745,100.
- Michels, Lawrence. 2,753,453.
- O'Neill, William T. 2,774,064.
- Schaeff, Martin H., and Davis. 2,740,963.
- Tasker, Homer G., and O'Neil. 2,751,587.
- Tasker, Homer G., and Shuler. 2,737,654.
- Gillfillan, Henry W., to Chrysler Corp. Power transmission. 2,753,727, 7-10-56, Cl. 74—336.5.
- Gilford, Saul R.: *See*—  
Brown, Ellis M., Lee, and Gilford. 2,745,369.
- Saito, Sachio, and Gilford. 2,738,432.
- Gilfray, Otto H. Antenna mast support. 2,735,639, 2-21-56, Cl. 248—43.
- Gilgoff, Herman. Forming dies for cutting fabric covered with rods for forming buckles and the like. 2,762,109, 9-11-56, Cl. 29—3.
- Gilhooy, Francis P.: *See*—  
Jones, Harry G., Jr., Koepfer, and Gilhooy. 2,755,738.
- Gilkeson, David C.: *See*—  
Cook, Alan A., and Gilkeson. 2,769,372.
- Gilkeson, David C., to Wollensak Optical Co. Telephoto objective lens comprising four elements. 2,769,371, 11-6-56, Cl. 88—57.
- Gilkey, Escho V., to J. R. Halvorsen. Portable saw table containing sliding portion. 2,729,250, 1-3-56, Cl. 143—132.
- Gilkey, John, to Dow Corning Corp. Method of preparing polysiloxanes. 2,774,779, 12-18-56, Cl. 260—448.2.
- Gilkey, Russell: *See*—  
Caldwell, John R., and Gilkey. 2,759,900.
- Caldwell, John R., and Gilkey. 2,773,050.
- Gill, Andrew S., Jr., to Eaton Mfg. Co. Self-adjusting valve actuator. 2,753,854, 7-10-56, Cl. 123—90.
- Gill, Annie K.: *See*—  
Gill, George, A. K., and G. J. 2,774,236.
- Gill, Charles B., A. W. Schlechten, and M. E. Straumann. Plating processes and compositions. 2,732,321, 1-24-56, Cl. 117—131.
- Gill, Earle L., J. S. Marran, and A. J. Romano, to Chart-Pak, Inc. Tape dispenser. 2,763,393, 9-18-56, Cl. 216—20.
- Gill, Everett: *See*—  
Bailey, Roy W., Faull, and Gill. 2,772,426.
- Gill, Fred M.: *See*—  
Sanford, Alan C., and Gill. 2,758,834.
- Gill, George, A. K., and G. J., to Fisher & Ludlow Ltd. Food mixing attachment for domestic washing machines. 2,774,236, 12-18-56, Cl. 68—4.
- Gill, George J.: *See*—  
Gill, George, A. K., and G. J. 2,774,236.
- Gill, Henry, to The Cincinnati Milling Machine Co. Three dimension contouring machine. 2,738,712, 3-20-56, Cl. 90—13.5.
- Gill, John B. Sand eliminator bearing for a sprinkler head. 2,733,331, 1-31-56, Cl. 285—97.8.
- Gill, John B. Driving connection for a cutter blade. 2,761,212, 9-4-56, Cl. 30—100.
- Gill, Joseph W., and C. R. Southwick, to United States Gypsum Co. Method of covering the joint between wallboard and the resultant product. 2,749,267, 6-5-56, Cl. 154—16.
- Gill, Mellor A. Apparatus for duplicating magnetic recordings. 2,744,166, 5-1-56, Cl. 179—100.2.
- Gill, Ray H., to The B. F. Goodrich Co. Expandible hollow threaded rivet having a buttress portion to provide for increased resistance to shear. 2,763,314, 9-18-56, Cl. 151—41.72.
- Gill, Robert M. Carton for making ice cream sandwiches. 2,734,675, 2-14-56, Cl. 229—6.
- Gill, Walter L. Weight and valve stem assemblies. 2,769,452, 11-6-56, Cl. 137—38.



- Gill, Walter L. Laundry or clothes rack. 2,772,788, 12-4-56, Cl. 211-178.
- Gille, William L., to J. A. Weaver Co. Service entrance head. 2,739,999, 3-7-56, Cl. 171-81.
- Gille, Willis H., to Minneapolis-Honeywell Regulator Co. Electronic motor control apparatus. 2,735,051, 2-14-56, Cl. 318-29.
- Gille, Willis H., to Minneapolis-Honeywell Regulator Co. Aircraft control servo systems. 2,752,269, 8-7-56, Cl. 318-28.
- Gille, Willis H., to Minneapolis-Honeywell Regulator Co. Automatic pilots. 2,769,950, 11-6-56, Cl. 318-489.
- Gilles, Edward A. Safety guide for a vertical jointer. 2,737,986, 3-13-56, Cl. 144-253.
- Gillespie, Daniel C.: *See*—
- English, Herdis C., Jandasek and Gillespie. 2,745,354.
- Gillespie, Henderson C. and J. E. Toy, to Radio Corp. of America. Dielectric heating electrode. 2,734,982, 2-14-56, Cl. 219-10.81.
- Gillespie, Russell A.,  $\frac{1}{2}$  to C. F. Spickelmier,  $\frac{1}{2}$  to E. S. Greer, and  $\frac{1}{2}$  to B. S. Spickelmier. Window. 2,768,716, 10-30-56, Cl. 139-72.
- Gillet & Eaton, Inc.: *See*—
- Cheney, Wendell C. 2,775,493.
- Gillet, Jacques: *See*—
- Boissint, Georges, and Gillet. 2,730,677.
- Pratt, James H. 2,730,204.
- Gillette Co., The: *See*—
- Arnold, William S. 2,738,304.
- Bogaty, Herman, and Brown. 2,766,760.
- Duval, Ernest H. 2,773,592.
- Frohnsohoff, Raymond S. M., and Lewin. 2,745,788.
- Leifer, Louis L. 2,762,978.
- Nigro, Louis V. 2,742,993.
- Schladermundt, Peter, and Wark. 2,740,529.
- Shnitzler, Meyer J. 2,735,542.
- Shnitzler, Meyer J., and Ferrara. 2,748,467.
- Shnitzler, Meyer J., and Sinclair. 2,735,552.
- Sinclair, Robert. 2,769,569.
- Testi, Nicholas. 2,748,468.
- Testi, Nicholas. 2,771,671.
- Gillette, Edwin. Method and means for producing composite talking pictures. 2,739,505, 3-27-56, Cl. 88-16.2.
- Gillette, Frank N., to General Precision Laboratory Inc. Film to video translation apparatus. 2,774,515, 12-18-56, Cl. 178-7.2.
- Gillette, Robert T.: *See*—
- Wilson, Thomas A., Parker, Kieffer, and Gillette. 2,771,735.
- Gillette, Robert T., to M. Clements. Procedure for making composite metal strips or sheet by a continuous process. 2,766,370, 10-9-56, Cl. 219-83.
- Gillette, Winford A. Rotary pump. 2,758,546, 8-14-56, Cl. 108-4.
- Gillette, William F., to General Electric Co. Composite electrical insulation and method of fabrication. 2,754,353, 7-10-56, Cl. 174-120.
- Gilliard, Joseph W. Car park. 2,771,200, 11-20-56, Cl. 214-16.1.
- Gillie, Percy H., to Allied Chemical & Dye Corp. Coal preparation accessory. 2,741,367, 4-10-56, Cl. 209-44.1.
- Gillies, George K., to Schlumberger Well Surveying Corp. Servomechanism control system. 2,752,561, 6-26-56, Cl. 324-1.
- Gilligan, Carl W., to the United States of America as represented by the Secretary of the Army. Disintegrating cart. 2,733,640, 2-7-56, Cl. 89-35.
- Gilligan, Frank J. Arresting wire disengaging device. 2,743,073, 4-24-56, Cl. 244-110.
- Gilliland, Edwin R.: *See*—
- Dewey, Davis, I., and Gilliland. 2,741,591.
- Lewis, Warren K., and Gilliland. 2,749,094.
- Lewis, Warren K., and Gilliland. 2,766,102.
- Gilliland, Edwin R., to Esso Research and Engineering Co. Ore reduction process. 2,742,352, 4-17-56, Cl. 75-26.
- Gillis, Esther M.: *See*—
- Gillis, Joseph M. 2,760,410.
- Gillis, Harry W.: *See*—
- Leyler, Arthur R., and Gillis. 2,735,523.
- Gillis, Joseph R., deceased; E. M. Gillis, administratrix. Method and apparatus for drying paper. 2,760,410, 8-28-56, Cl. 92-38.
- Gillis, Marvin B., to International Minerals & Chemical Corp. Ruminant feed. 2,758,027, 8-7-56, Cl. 99-2.
- Gillis, Randall: *See*—
- Cram, Charles F., and Gillis. 2,740,937.
- Gillispie, Charles H.: *See*—
- Hurlburt, Fred F., and Gillispie. 2,746,778.
- Hurlburt, Fred F., and Gillispie. 2,757,026.
- Gillot, Roland V., to Societe Nouvelle des Etablissements Brandt. Rocket motor. 2,755,620, 7-24-56, Cl. 60-35.6.
- Gillott, John M. Coke oven doors. 2,759,884, 8-21-56, Cl. 202-248.
- Gillon, Joseph L., Jr., to E. I. du Pont de Nemours and Co. Electroluminescent lamp structures. 2,733,367, 1-31-56, Cl. 312-108.
- Gilman, Henry, and E. Bindschadler, to the United States of America as represented by the United States Atomic Energy Commission. Uranium alkoxo compounds and method of preparing same. 2,735,857, 2-21-56, Cl. 260-429.1.
- Gilman, Marvin A.: *See*—
- Davidson, Emil, and Gilman. 2,739,759.
- Gilman, Morris A., M. Riback, and M. B. Levin, to Expert Tool and Mfg. Co. Pressure controlled switch actuating mechanism. 2,732,449, 1-24-56, Cl. 200-81.5.
- Gilman, Samuel: *See*—
- Broekhuysen, William C., and Gilman. 2,729,213.
- Broekhuysen, William C., Gilman, and Petrucelly. 2,765,118.
- Gilman, Samuel, and V. J. Petrucelly, to American Machine and Foundry Co. Control for cigarette making machine. 2,745,411, 5-15-56, Cl. 131-22.
- Gilman, Wilbert M., and P. F. Gandolfo, to Lewis-Shepard Co. Control circuits for electric trucks. 2,774,926, 12-18-56, Cl. 318-284.
- Gilmer, Walker, III. Rod end bearing. 2,753,225, 7-3-56, Cl. 308-72.
- Gilmont, Roger, to The Emil Greiner Co. Joint for universally adjustable frame. 2,767,003, 10-16-56, Cl. 287-54.1.
- Gilmont, Roger, and M. J. Schwartz, to Benjamin Cooper. Apparatus for the continuous quantitative determination of gases. 2,749,221, 6-5-56, Cl. 23-255.
- Gilmore, Charles A.: *See*—
- Fleming, Robert B. 2,755,548.
- Gilmore, Clement R.: *See*—
- Gilmont, William H., and C. R. 2,748,847.
- Gilmore, Edward R., to K. L. Schaus. Drive shaft journaling mechanism for gas meters. 2,765,637, 10-9-56, Cl. 73-272.
- Gilmore, Forrest E., to Phillips Petroleum Co. Production of underground cavities. 2,745,647, 5-15-56, Cl. 262-3.
- Gilmore, Forrest E., to Phillips Petroleum Co. Hydrocarbon cracking apparatus. 2,760,851, 8-28-56, Cl. 23-288.
- Gilmore, Forrest E., to Phillips Petroleum Co. Continuous weighing mechanism for solids. 2,766,104, 10-9-56, Cl. 23-284.
- Gilmore, Forrest E., to Phillips Petroleum Co. Automatic control of reboiler on deethanizing absorber. 2,774,715, 12-18-56, Cl. 196-8.
- Gilmore, James P., to Radio Corp. of America. Test probe adaptor head. 2,732,446, 1-24-56, Cl. 200-51.1.
- Gilmore, Vincent J., to International Business Machines Corp. Automatic ribbon rewind cut-off. 2,757,776, 8-7-56, Cl. 197-151.
- Gilmore, William H. and C. R., to East 134 Co. Recirculating pilot and burner. 2,748,847, 6-5-56, Cl. 158-91.
- Gilmore, William J., to American Chain & Cable Co., Inc. Flexible conduits and fittings therefor. 2,732,861, 1-31-56, Cl. 138-25.
- Gilmour, Austin. Game board apparatus. 2,757,933, 8-7-56, Cl. 273-134.
- Gilmour, Robert A. Opening device for tearing strip can. 2,732,094, 1-24-56, Cl. 220-52.
- Gilmour, Robert A. Can openers. 2,738,097, 3-13-56, Cl. 220-52.
- Gilmour, Robert A. Sprayers. 2,754,152, 7-10-56, Cl. 299-84.
- Gilmour, Robert A. Combination container and measuring apparatus. 2,762,526, 9-11-56, Cl. 222-115.
- Gilmour, Robert A. Door stop. 2,762,641, 9-11-56, Cl. 292-63.
- Gilson, Pierre C. J. Handling apparatus. 2,755,945, 7-24-56, Cl. 214-132.
- Gilson, Pierre C. J. Device for measuring and regulating the drying of wet products inside a drier. 2,767,484, 10-23-56, Cl. 34-54.
- Gilson, Robert J. Perpetual calendars. 2,774,160, 12-18-56, Cl. 40-112.
- Gilsrap, Hiram D. Tools for repairing auto panels. 2,745,302, 5-15-56, Cl. 81-15.
- Giltsch, Arthur, and H. W. Wels, to Farbenfabriken Bayer Aktiengesellschaft. Process for the separation of sulphur from oxime-sulphur mixtures. 2,733,239, 1-31-56, Cl. 260-239.3.
- Gilvarry, John J., L. A. Gore, B. W. Augenstein, and W. C. Randels, assors. to said Gilvarry and said Gore. Automobile parking aid. 2,736,015, 2-21-56, Cl. 340-282.
- Gindi, Joseph M. Pocket handkerchief having fold indicia thereupon. 2,735,098, 2-21-56, Cl. 2-1.
- Gindraux, Jules C. Golf ball tester. 2,740,287, 4-3-56, Cl. 73-12.
- Gine, August, and J. Carnice. Adjustable water supply unit for washstands and the like. 2,754,137, 7-10-56, Cl. 285-165.
- Ginell, Robert, and R. Steinmann, to R. S. Aries & Associates, Inc. Process for preparing citrazinamide and citrazinic acid. 2,752,354, 6-26-56, Cl. 260-295.
- Ginesi, Robert L.: *See*—
- Fleit, Martin, and Ginesi. 2,748,952.
- Gingerich, Hugh F.: *See*—
- Spencer, Nye S., McNish, and Gingerich. 2,738,412.
- Spencer, Nye S., McNish, and Gingerich. 2,738,591.
- Ging, Anthony: *See*—
- Veivrit, James V., and Gingo. 2,770,336.
- Ginochio, Byron A., and R. W. Rodgers. Adjusting mechanism for irrigation valve. 2,759,369, 8-21-56, Cl. 74-520.
- Ginsberg, Herbert. Toy bank. 2,771,707, 11-27-56, Cl. 40-7.
- Ginsberg, Isadore. Convertible stroller. 2,743,937, 5-1-56, Cl. 280-41.
- Ginsburgh, Hy: *See*—
- Bleeth, Clifford L. 2,742,645.
- Ginther, Robert J.: *See*—
- Schulman, James H., and Ginther. 2,757,291.
- Schulman, James H., and Ginther. 2,757,292.
- Gintovt, Henry, to Clarostat Mfg. Co., Inc. Switch. 2,758,180, 8-7-56, Cl. 200-153.
- Gintovt, Henry, to Clarostat Mfg. Co., Inc. Potentiometer. 2,769,073, 10-30-56, Cl. 201-62.

- Ginzton, Edward L.: *See*—  
Eldredge, Arnold L., and Ginzton. 2,761,828.
- Giolito, Silvio L.: *See*—  
Jones, Robert H., and Giolito. 2,743,209.  
Jones, Robert H., and Giolito. 2,743,210.
- Giolito, Silvio L., and R. H. Jones, to Stauffer Chemical Co. Xanthyl and trithiocarbonyl sulfones as novel compositions of matter. 2,770,638, 11-13-56, Cl. 260-455.
- Giorat, Leo A., to Modern Equipment Co. Cupola stock line indicator. 2,722,006, 11-27-56, Cl. 214-18.2.
- Giordani, Raffaele. Bicycle frame element. 2,729,466, 1-3-56, Cl. 280-281.
- Giorgio, Douglas J., J. V. Niranen, and J. G. Morrow. Anesthetic feeder for children in the form of a space helmet. 2,742,900, 4-24-56, Cl. 128-205.
- Gipe, Harrison S., to Quinlan Pretzel Co., Inc. Pretzel twisting machine. 2,736,276, 2-28-56, Cl. 107-8.
- Gipperich, Helmut. Vise actuated by differential screw. 2,734,410, 2-14-56, Cl. 81-33.
- Gipsels, Peter,  $\frac{1}{2}$  to E. Heuchert. Shelter for vehicles and other purposes. 2,740,997, 4-10-56, Cl. 20-1.13.
- Giraitis, Albert P.: *See*—  
Cohen, Lester S., Giraitis, and Zietz. 2,773,052.
- Giraitis, Albert P., to Ethyl Corp. Process for recovering alkaline earth metal from admixture with alkali metal. 2,742,141, 2-4-56, Cl. 75-101.
- Giraitis, Albert P., A. F. Limper, and W. H. Thomas, to Ethyl Corp. Process of recovering alkaline earth metal from alkali metal-alkaline earth mixtures. 2,744,007, 5-1-56, Cl. 75-99.
- Giraitis, Albert P., and W. H. Thomas, to Ethyl Corp. Process for recovering alkaline earth metal from admixture with alkali metal. 2,756,140, 7-24-56, Cl. 75-101.
- Giraitis, Albert P., D. D. Humphreys, and T. A. Leeper, to Ethyl Corp. Process of vaporizing polychlorocyclohexane compounds. 2,756,813, 7-31-56, Cl. 159-47.
- Girault, Albert P., D. D. Humphreys, and T. A. Leeper, to Ethyl Corp. Vaporization of polychlorocyclohexanes. 2,757,211, 7-31-56, Cl. 260-648.
- Girault, Albert P., A. F. Limper, and M. B. Smith, to Ethyl Corp. Manufacture of hydrogen chloride. 2,762,689, 9-1-56, Cl. 23-121.
- Girard, Robert J. Nickel plating by chemical reduction. 2,774,688, 12-18-56, Cl. 117-130.
- Girardot, Peter R.: *See*—  
Eisen, John B., Girardot, Paquette, and Rohowetz. 2,756,173.
- Giraudeau, Anthony E., to The National Supply Co. Plunger and cylinder for pump. 2,766,701, 10-16-56, Cl. 103-153.
- Girling Ltd.: *See*—  
Berrows, Percival W. 2,731,112.  
Fantham, Harold, and Daff. 2,733,116.  
Kinchin, Joseph W. 2,746,575.  
Savory, Raymond. 2,746,604.  
Stock, Charles S. R. 2,732,037.
- Girod, Emil, to J. R. Geigy A. G. Alkylene bis-(oxyalkylene ammonium) compounds. 2,759,020, 8-14-56, Cl. 260-567.6.
- Giroud, Edgar A., and J. P. Kloski, to Royal McBee Corp. Sheet feeding mechanism for typewriters or like machines. 2,767,821, 1-20-56, Cl. 197-138.
- Gisholt Machine Co.: *See*—  
Erickson, Warren E. 2,747,769.  
Erickson, Warren E. 2,752,030.  
Leifer, Lorenz A. 2,729,459.  
Leifer, Lorenz A. 2,736,207.
- Gisiger, Armin. Watertight watchcase. 2,735,259, 2-21-56, Cl. 58-90.
- Gisleson, Henry C. Baled hay and straw distributor. 2,729,345, 1-3-56, Cl. 214-16.
- Gislon, Andre, and J. Quignerez, to Societe Anonyme dite: Compagnie Francaise de Raffinage. Process for refining gasoline. 2,759,874, 8-21-56, Cl. 196-29.
- Gisner, Bo: *See*—  
Edström, Sven E., and Gisner. 2,751,195.
- Gisoni, Emanuel. Sheet metal nail having channel shaped, beaded spring legs. 2,745,308, 5-15-56, Cl. 85-13.
- Gisnono, George L., and H. L. Kitch, to the United States of America as represented by the Secretary of the Army. Level windler for reeling machine. 2,767,937, 10-23-56, Cl. 242-158.
- Gispem, Rijk, to Rijks Instituut voor de Volksgezondheid. Injection apparatus. 2,743,724, 5-1-56, Cl. 128-216.
- Gissel, Kurt: *See*—  
Leitz, Ludwig, and Gissel. 2,734,434.
- Gist, Ray G. Thining and tappet setting indicator having a remote dial. 2,730,066, 1-10-56, Cl. 116-124.
- Gitlin, Jacob. Device for dyeing human hair. 2,774,357, 12-18-56, Cl. 132-9.
- Gitlin, Louis. Tufted mattress construction. 2,756,443, 7-31-56, Cl. 5-356.
- Gits Bros. Mfg. Co.: *See*—  
Andresen, Hilmar A. and R. H. 2,762,437.  
Andresen, Raymond H. and H. A. 2,756,080.
- Gits, Henricus J.: *See*—  
Polderwaard, Leendert, Janssen, and Gits. 2,773,182.
- Gits, Joseph A.: *See*—  
Gits, Jules P. 2,764,200.  
Gits, Jules P. and J. A. 2,765,555.
- Gits, Jules P.,  $\frac{1}{2}$  to J. A. Gits. Containers for potables. 2,764,200, 9-25-56, Cl. 150-0.5.
- Gits, Jules P. and J. A. Molded article and method of making same. 2,765,555, 10-9-56, Cl. 40-130.
- Gittings, Thomas W., and E. L. Mattison, to E. I. du Pont de Nemours & Co. Process for making tetraethyl lead. 2,763,073, 9-18-56, Cl. 260-437.
- Gitzendanner, Louis G., to General Electric Co. Voltage divider with adjustable output characteristic. 2,774,934, 12-18-56, Cl. 323-43.5.
- Giuffre, Anthony A. Hair dryers. 2,732,628, Cl. 34-50.
- Giuffre, Salvatore C. Centrifugal separator. 2,738,922, 3-1-56, Cl. 233-21.
- Giuffrida, Joseph, to Columbia Broadcasting System, Inc. d. b. a. CBS-Hytron. Television circuit. 2,743,389, 4-24-56, Cl. 315-13.
- Giuliani, Henry G., to Lavoie Laboratories, Inc. Reflector for electromagnetic radiations and method of making same. 2,742,387, 4-17-56, Cl. 154-110.
- Giulietti Accordion Corp.: *See*—  
Giulietti, Julio. 2,765,694.
- Giulietti, Julio, to Giulietti Accordion Corp. Accordions with visible shifts. 2,765,694, 10-9-56, Cl. 84-376.
- Giuseppe, Savio, J. V. Viviani, and C. M. Silva, to Sociadade Industrial de Sipa Ltda. Dismountable placard. 2,745,201, 5-15-56, Cl. 40-140.
- Givaudan Corp., The: *See*—  
Naves, Yves-René. 2,740,817.
- Given Machinery Co.: *See*—  
Draper, Alfonso C., Samolis, and Jordan. 2,768,387.  
Jordan, Hans. 2,730,308.  
Jordan, Hans. 2,760,728.  
Jordan, Hans. 2,760,730.
- Given Mfg. Co.: *See* C. 2,753,571.
- Draper, Alfonso C.: *See*—  
Alozyer, Nicholas J. G., and Given. 2,745,794.
- Given, Dee R. Tie-in-bib. 2,767,403, 10-23-56, Cl. 2-49.
- Givens, Hugh P. Dual grip auger bit shank. 2,766,791, 10-16-56, Cl. 145-116.
- Givis, Joseph, H. L. Rose, and J. Wale, to Industrial Rayon Corp. Three advancing reel having liquid applicator and wiper. 2,750,780, 6-19-56, Cl. 68-19.
- Giwosky, Harry L., to The Coleman Co., Inc. Forced air flow combustion heater for space heating. 2,733,704, 2-7-56, Cl. 126-110.
- Giwosky, Harry L., to The Coleman Co., Inc. Wall heater and economizer structure. 2,767,702, 10-23-56, Cl. 126-116.
- Gjersoe, Erling H. Template. 2,733,517, 2-7-56, Cl. 33-189.
- Glaeser de St. Roch Societe Anonyme: *See*—  
Knauff, Albert. 2,751,714.
- Glacier Metal Co. Ltd., The: *See*—  
Forrester, Peter G., and Denyer. 2,743,516.  
Love, Phil P. 2,731,360.  
More, David. 2,750,107.
- Tai, William, and Love. 2,755,992.
- Glaciux, George, to Einson-Freeman Co., Inc. Animated display device. 2,774,157, 12-18-56, Cl. 40-68.
- Glaciux, George W., to Einson-Freeman Co., Inc. Rotatable card exhibitor. 2,755,578, 7-24-56, Cl. 40-72.
- Glacken, George T. Paint roller with guide plate. 2,762,022, 9-1-56, Cl. 15-248.
- Gladd, Nicholas C., to United Aircraft Corp. Helicopter air circulating system. 2,774,552, 12-18-56, Cl. 244-17.11.
- Gladd, William D. License plate mounting for vehicle fenders. 2,760,289, 8-28-56, Cl. 40-125.
- Gladson, John N., to Gladson Products Corp. Vehicle track. 2,733,968, 2-7-56, Cl. 305-10.
- Gladson Products Corp.: *See*—  
Gladson, John N. 2,733,965.
- Gladning, McBean & Co.: *See*—  
Le Clercq, Leon J. 2,732,590.  
Ragan, Randall C. 2,771,339.
- Gladis, Cyril M., to Pittsburgh Forgings Co. Multiple gang disk harrow. 2,773,342, 12-11-56, Cl. 55-83.
- Glawford, Elroy M.: *See*—  
Kimberlin, Charles N., Jr., and Gladrow. 2,734,022.  
Kimberlin, Charles N., Jr., and Gladrow. 2,754,270.  
Kimberlin, Charles N., Jr., and Gladrow. 2,762,852.  
Kimberlin, Charles N., Jr., and Gladrow. 2,773,810.  
Kimberlin, Charles N., Jr., and Gladrow. 2,773,841.  
Kimberlin, Charles N., Jr., and Gladrow. 2,773,842.  
Kimberlin, Charles N., Jr., and Gladrow. 2,773,843.
- Glawford, Elroy M., and A. B. Small, to Esso Research and Engineering Co. Purification process of petrochemicals. 2,762,792, 9-11-56, Cl. 260-96.5.
- Gladson, David and L. Folding table legs with gravity lock. 2,774,643, 12-18-56, Cl. 311-86.
- Gladson, Lester: *See*—  
Gladson, David and L. 2,774,643.
- Gladstone, Joseph, to Melnor Metal Products Co., Inc. Slide valve for garden hose. 2,760,754, 8-28-56, Cl. 251-344.
- Gladstone, Martell M.: *See*—  
Epstein, Solomon, Fuchs, and Gladstone. 2,733,212.  
Gladstone, Martell M., and B. R. Harris, to B. R. Harris. Production of improved dried egg whites. 2,744,828, 5-8-56, Cl. 99-210.
- Gladstone, Nathan H. Orthodontic arch wire lock. 2,767,469, 10-23-56, Cl. 32-14.
- Glagovsky, Bernard. Tassel. 2,762,056, 9-11-56, Cl. 2-278.
- Glanz, Milton: *See*—  
Glanz, Samuel N. and M. 2,754,870.
- Glanz, Samuel N. and M. Bowling ball bag. 2,754,870, 7-17-56, Cl. 150-52.
- Glanville, Roy, and P. J. Wise. Lavatory and like brushes. 2,764,773, 10-2-56, Cl. 15-188.



- Glanzer, Clarence J., and J. K. Brixius, to Air-Maze Corp. Oil conserving apparatus for oil bath filter. 2,753,951, 7-10-56, Cl. 183-15.
- Glaw, Herman H. Lever action stone splitter. 2,742,890, 4-24-56, Cl. 125-23.
- Glasy, Francis G. *See*—  
Robinson, Ernest B., and Glasy. 2,734,432.
- Glascoc Brothers Mfg. Co. *See*—  
Shepard, Orlando J. 2,752,763.
- Glascote Products, Inc. *See*—  
Brown, Carl S. 2,753,893.
- Glaser, Donald M. Marine plow. 2,765,548, 10-9-56, Cl. 37-77.
- Glaser, Frank W., to Borolite Corp. Production of metal boride without and with an excess of boron. 2,735,155, 2-21-56, Cl. 25-156.
- Glaser, Frank W., to American Electro Metal Corp. Heater bodies and their production. 2,745,928, 5-15-56, Cl. 201-63.
- Glaser, Frank W., to American Electro Metal Corp. Electric resistor heaters and their production. 2,745,929, 5-15-56, Cl. 201-64.
- Glaser, Frank W., to American Electro Metal Corp. Electric resistor. 2,745,932, 5-15-56, Cl. 201-75.
- Glaser, Isador. Center piece divider for egg cases. 2,743,863, 5-1-56, Cl. 229-27.
- Glaser, Julius W. P. Reciprocating electric motor. 2,744,201, 5-1-56, Cl. 310-32.
- Glaser, Jules W. Electric reciprocating motor for animated displays and the like. 2,749,455, 6-5-56, Cl. 310-34.
- Glaser, Rolf, to Rigid Ltd. Servomotor control system for copying machine tools. 2,755,342, 2-21-56, Cl. 90-62.
- Glaser, William P., and S. A. Hornung, to Otis Elevator Co. Elevator dispatching and control system. 2,761,528, 9-4-56, Cl. 187-29.
- Glasgow, Clarence O. *See*—  
Walker, Jay P., Glasgow, and Francis. 2,747,002.
- Glasgow, Clarence O., to National Tank Co. Combination dehydrator-separators for petroleum well streams. 2,735,506, 2-21-56, Cl. 183-27.
- Glasgow, Clarence O., to National Tank Co. Low temperature gas separator. 2,739,460, 3-27-56, Cl. 62-122.
- Glasgow, Clarence O., to National Tank Co. Emulsion treating and emulsion treating methods. 2,751,998, 6-26-56, Cl. 183-27.
- Glasgow, Clarence O., and J. L. Maher, to National Tank Co. Systems for treating oil well emulsion streams. 2,732,070, 1-24-56, Cl. 210-525.
- Glasgow, Clarence O., and J. L. Maher, to National Tank Co. Low temperature separation process and unit. 2,738,026, 3-13-56, Cl. 183-27.
- Glasky Inc. *See*—  
Howald, Arthur M. 2,738,551.
- Glas-Laminates, Inc. *See*—  
London, Robert K. 2,768,023.
- Glass, George J., and G. L. Bruggemeier, to The Firestone Tire & Rubber Co. Reclaim processing apparatus. 2,730,759, 1-17-56, Cl. 18-12.
- Glass, Harry L. *See*—  
Whiting, Arthur A., Jr., Trudell, and Glass. 2,730,402.
- Glass, James W., 20% to A. Lusk and 26% to J. Solomon. Jack. 2,738,951, 2-20-56, Cl. 254-94.
- Glass, John P. Induction type tachometer. 2,759,116, 8-14-56, Cl. 310-171.
- Glass, John R., to Socony Mobil Oil Co., Inc. Electrode system for polarographic analysis. 2,732,335, 1-24-56, Cl. 204-1.
- Glass, Marvin, and Associates *See*—  
Zimentstark, Alfred. 2,749,660.
- Glass, Marvin I. *See*—  
Gibson, Carl A., Jr., and Glass. 2,775,062.
- Goldsfarb, Adolph. 2,732,658.
- Reed, Bayard C. 2,737,756.
- Zimentstark, Alfred. 2,749,660.
- Glass, Marvin I. Spring wound toys. 2,735,222, 2-21-56, Cl. 46-208.
- Glass, Marvin I., and C. Pearson, Jr. Musical toy. 2,763,959, 9-25-56, Cl. 46-118.
- Glass, Myron S., to Bell Telephone Laboratories, Inc. Tuning and frequency stabilizing arrangement. 2,751,499, 6-19-56, Cl. 250-36.
- Glassbrook, Eugene I. *See*—  
Chaikin, Saul W., Parks, and Glassbrook. 2,741,544.
- Glassburn, William E., to Westinghouse Electric Corp. Switching apparatus and systems. 2,760,124, 8-21-56, Cl. 317-152.
- Glasser, David. Toaster. 2,764,081, 9-25-56, Cl. 99-391.
- Glasser, Irving A., to the United States of America as represented by the Secretary of the Navy. Pressure release valve. 2,731,981, 1-24-56, Cl. 137-536.
- Glasser, Leo G., and D. J. Troy, Jr., to E. I. du Pont de Nemours & Co. Colorimeter. 2,774,276, 12-18-56, Cl. 58-14.
- Glassford, Donald C., and F. R. Redman; said Glassford assn. to Proctor & Schwartz, Inc. Apparatus and method for treatment of textile fabrics. 2,773,295, 12-11-56, Cl. 26-18.5.
- Glassford, Fred, to Chrysler Corp. Shock absorber valve. 2,753,888, 7-10-56, Cl. 137-513.7.
- Glassmacher, Bernard A. *See*—  
Lear, Robert E., and Glassmacher. 2,756,355.
- Glassman, James. Moccasin shoe process. 2,731,653, 1-24-56, Cl. 12-142.
- Glassmire, William F. *See*—  
Oosterhout, Johan C. D., Banks, and Glassmire. 2,741,597.
- Glattbar, George E., and A. W. Matteson, to The Art Metal Co. Lighting fixture. 2,773,976, 12-11-56, Cl. 240-78.
- Glauber, Siegfried. Adhesive composition. 2,744,023, 5-1-56, Cl. 106-148.
- Glauser, Walter, and M. Keller, to J. R. Geigy A.-G. Sealing baths. 2,755,239, 7-17-56, Cl. 204-35.
- Glaxo Laboratories Ltd. *See*—  
Hunt, John S., Walker, and Barton. 2,751,398.
- Hockenhuil, Donald J. D., Wilkin, and Quilter. 2,761,812.
- Glaze, Francis W., Jr., and S. B. Speck, to E. I. du Pont de Nemours & Co. Process of dyeing acrylonitrile textile by cuprous ion technique. 2,729,533, 1-3-56, Cl. 8-55.
- Glabrook, Robinson C., to Fairbanks, Morse & Co. Bladeless impeller balance means. 2,741,992, 4-17-56, Cl. 103-103.
- Glaber, Meyer. Tomato tray. 2,732,120, 1-24-56, Cl. 229-31.
- Glabier, Edwin M., to Gulf Research & Development Co. Process for separating water-oil mixtures containing fine solids. 2,740,504, 4-3-56, Cl. 260-450.
- Gleason, Anthony H. *See*—  
Young, David W., Cottle, and Gleason. 2,756,217.
- Gleason, Anthony H., to Esso Research and Engineering Co. Modified synthetic drying oil. 2,753,385, 7-3-56, Cl. 260-669.
- Gleason, Anthony H., to Esso Research and Engineering Co. Butadiene-diol drying oil and process for preparing same. 2,762,851, 9-11-56, Cl. 260-669.
- Gleason, Anthony H., to Esso Research and Engineering Co. Stabilizing drying oils. 2,767,229, 10-16-56, Cl. 260-669.
- Gleason, Anthony H., and J. F. Nelson, to Esso Research and Engineering Co. Accelerating sodium polymerizations. 2,732,412, 1-24-56, Cl. 260-669.
- Gleason, Anthony H., and J. F. Nelson, to Esso Research and Engineering Co. Thermo-setting resin. 2,772,254, 11-27-56, Cl. 260-85.1.
- Gleason, Frederick C., to Mailort Inc. Actuating mechanism for sorting machine. 2,758,163, 8-7-56, Cl. 200-5.
- Gleason, James D. Hold down necktie. 2,746,055, 5-22-56, Cl. 2-145.
- Gleason, Joseph P., to the United States of America as represented by the Secretary of the Air Force. Delayed pulse generator. 2,763,778, 9-18-56, Cl. 250-27.
- Gleason, Robert H. Apparatus for dispensing materials. 2,758,877, 8-14-56, Cl. 299-84.
- Gleason, Wayne E. *See*—  
Jacobs, Stephen, and Gleason. 2,733,611.
- Gleason, William W., to Nachman Corp. Spring assembly with spring support. 2,729,830, 1-10-56, Cl. 3-266.
- Gleason Works, The *See*—  
Adair, Robert V., Dammert, and Van Beers. 2,748,038.
- Carlsen, Leonard O., and Peck. 2,762,220.
- Critchley, William C. 2,747,871.
- Foster, Norman W., and Michelson. 2,773,426.
- Fume, Arthur. 2,741,871.
- Satterlee, Charles H., and Stark. 2,742,296.
- Wildhaber, Ernest. 2,747,468.
- Wildhaber, Ernest. 2,750,814.
- Wildhaber, Ernest. 2,750,850.
- Wildhaber, Ernest. 2,773,429.
- Gleaves, Wilfrid W., and J. P. Quin, to Imperial Chemical Industries Ltd. Electrolytic manufacture of titanium. 2,757,135, 7-31-56, Cl. 204-71.
- Glebar Co. *See*—  
Barhorst, Robert C. 2,756,548.
- Glebovich, Alex. Lock and wear plate assembly for tillers. 2,730,941, 1-17-56, Cl. 97-216.
- Gleen, Paul *See*—  
Schurr, Vernon D. 2,746,016.
- Gleeson, Claude P., and C. F. Pervier, to Baldwin-Lima-Hamilton Corp. Coupling. 2,742,769, 4-24-56, Cl. 64-9.
- Gleeson, William S., to Thompson Products, Inc. Automatic clearance adapter. 2,742,030, 4-17-56, Cl. 123-90.
- Gleim, William K. T. *See*—  
Gaydasch, Alexander, and Gleim. 2,730,535.
- Gleim, William K. T., to Universal Oil Products Co. Compounds for the stabilization of substances against the detrimental action of ultra-violet radiation. 2,740,761, 4-3-56, Cl. 252-300.
- Gleim, William K. T., to Universal Oil Products Co. Deactivating catalytic effect of metals. 2,747,980, 5-29-56, Cl. 44.
- Gleim, William K. T., to Universal Oil Products Co. Production of negatively substituted N-tertiaryalkylarylamines and derivatives thereof. 2,766,277, 10-9-56, Cl. 260-518.
- Gleim, William K. T., to Universal Oil Products Co. Dehalogenation of halo-substituted hydroxy aromatic compounds. 2,766,295, 10-9-56, Cl. 260-621.
- Gleiser, Nelson J., to Screen Equipment Co., Inc. Vibrating screen. 2,751,080, 6-19-56, Cl. 209-367.
- Gleissner, Bruce D., and D. E. Nagy, to American Cyanamid Co. Mth proofing with soluble dicyanamides. 2,732,277, 1-24-56, Cl. 8-94.14.
- Gleitsman, Harold. Combination ladder and receptacle. 2,775,499, 12-25-56, Cl. 312-235.
- Gleitsman's, Inc. *See*—  
Fuerst, Carl. 2,750,246.
- Glen, Bruce E. *See*—  
Glen, Enoch R., and B. E. 2,750,699.
- Glen, Enoch R., and B. E. Graining tool. 2,750,699, 6-19-56, Cl. 41-5.5.

- Glencoe Mfg. Co. : *See*—  
Rolf, Elmer A. 2,739,518.
- Glenmore Corp. : *See*—  
Hill, Herbert L. 2,752,075.  
Roth, Joseph J. 2,752,070.  
Strempel, Edward L. 2,742,183.
- Glenn, Carl. Flattening hammer for stove top. 2,734,550, 2-14-56, Cl. 153-48.
- Glenn, Harry D. : *See*—  
Barnhart, Robert R., and Glenn. 2,761,857.  
Glenn, Harry D., and R. J. Dowling, to United States Rubber Co. Stabilized chlorinated pesticidal compositions. 2,760,900, 8-28-56, Cl. 167-42.
- Glenn, John E. : *See*—  
Crawford, James E., Browne, Glenn, and Pigford. 2,774,555.
- Glenn, John E., to Northrop Aircraft, Inc. Aileron actuating mechanism. 2,738,519, 2-28-56, Cl. 244-90.
- Glenn, John W., to the United States of America as represented by the United States Atomic Energy Commission. Purification of nickel powder. 2,733,142, Cl. 75-119.
- Glenn, Robert E., to American Safety Razor Corp. Display rack. 2,743,021, 4-24-56, Cl. 211-72.
- Glenn, William E., to General Electric Co. Acoustic horn assembly. 2,765,864, 10-9-56, Cl. 181-31.
- Glenn, William E., and E. W. Hostetter, to the United States of America as represented by the United States Atomic Energy Commission. Method of making an electronic grid. 2,751,662, 6-26-56, Cl. 29-25,17.
- Glenn, William E., Jr., to the United States of America as represented by the United States Atomic Energy Commission. Time-of-flight mass spectrometer. 2,758,214, 8-7-56, Cl. 250-41,9.
- Glennwood Machinery Associates, Inc. : *See*—  
Sonntag, Helmut C. 2,745,220.
- Glenny, Arthur P., and D. L. Spencer, to The Sperry Gyroscope Co. Ltd. Flushing device for hydraulic servomotors. 2,742,878, 4-24-56, Cl. 121-38.
- Glenny, Clarence S., to The Washburn Co. Bicycle basket. 2,767,894, 10-23-56, Cl. 224-36.
- Glensky, William E., to The West Co., Inc. Container capping device. 2,732,990, 1-31-56, Cl. 226-84.
- Glensky, William K. : *See*—  
McMaster, Elmer L., and Glesner. 2,764,561.  
McMaster, Elmer L., and Glesner. 2,764,563.  
McMaster, Elmer L., and Glesner. 2,764,564.
- Glew, David N. : *See*—  
Robertson, Ross E., and Glew. 2,744,440.
- Gley, Paul. Helicopter sustained fluid propelled airplane. 2,753,132, 7-3-56, Cl. 244-6.
- Glickman, Lester M. : *See*—  
Maron, Irving, and Glickman. 2,753,529.
- Glickman, Samuel A., and J. M. Wilkinson, to General Aniline & Film Corp. Hydraulic fluids. 2,736,709, 2-28-56, Cl. 252-74.
- Glicksman, Richard : *See*—  
Morehouse, Clarence K., and Glicksman. 2,759,986.
- Glidden Co., The : *See*—  
Bain, Joseph P., Fugitt, and Gary. 2,741,645.  
Bain, Joseph P., and Gary. 2,767,215.  
Drapeau, Joseph E., Jr., and Halsted. 2,758,021.  
Drapeau, Joseph E., Jr., and Johnson. 2,758,014.  
Julian, Percy L., Cole, Meyer, and Karpel. 2,752,339.  
Julian, Percy L., and Iveson. 2,752,378.  
Julian, Percy L., Iveson, and Radlove. 2,752,376.  
Julian, Percy L., and Klein. 2,773,867.  
Kiebler, Myron W., Jr., and Euchner. 2,750,298.  
Miller, Ronald L. 2,768,149.  
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Souss, Daniel. 2,757,780.
- Glidden, Galen M., to Acme Protection Equipment Co. Optical gas masks. 2,737,659, 3-13-56, Cl. 2-14.
- Glidden, Herbert L. : *See*—  
Noak, Chester J. 2,744,187.
- Glidden, Le Roy L. : *See*—  
Wilamowski, Norbert J. 2,754,081.
- Gletenber, Eugen, and J. Hassmann, to Farbenfabriken Bayer Aktiengesellschaft. Process of preparing ice-colors in textile printing and dyeing. 2,758,001, 8-7-56, Cl. 8-45.
- Glinz, Karl. Butcher works, A. G. Apparatus for the continuous lixivation, extraction or the like of vegetable material. 2,764,474, 9-25-56, Cl. 23-270.
- Glintz, Georgia E. Portable shampoo cabinet. 2,760,207, 8-28-56, Cl. 4-159.
- Glitsch, Fritz W., & Sons, Inc. : *See*—  
Glitsch, Hans C. 2,754,909.  
Glitsch, Hans C., to Fritz W. Glitsch & Sons, Inc. Slotting machines. 2,754,909, 7-17-56, Cl. 164-87.
- Globe American Corp. : *See*—  
Hagman, Walter F. 2,767,139.
- Globe Automatic Sprinkler Co. Pennsylvania : *See*—  
Rowley, Arthur C. 2,730,900.
- Globe Co., The : *See*—  
Hill, John W. 2,756,907.  
Hill, John W. 2,756,959.
- Globe Industries, Inc. : *See*—  
Isaacson, Max. 2,743,508.
- Globe Oil Tools Co. : *See*—  
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- Globe Products-Heat Seal Corp. : *See*—  
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- Globe Slicing Machine Co., Inc. : *See*—  
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- Globe Tool and Gauge Works : *See*—  
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- Globe-Union Inc. : *See*—  
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Brownlee, Allen L., and Louis. 2,756,356.  
Gogolick, Roland M., and Tabler. 2,744,197.  
Guernsey, Glen A., Garen, and Green. 2,773,140.  
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Kilby, Jack S. 2,762,001.  
Kling, Arnold G., and Nygren. 2,766,411.  
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- Globe Venetian Blind Corp. : *See*—  
Radel, Aaron A., and Katz. 2,756,816.
- Globe-Wernicke Co., The : *See*—  
Brinker, John H., and Conley. 2,739,640.  
Budai, Steve G. 2,746,109.
- Glock, Richard F., to General Motors Corp. Machine for removing mold parts from a workpiece. 2,754,558, 7-17-56, Cl. 22-94.
- Gloess, Paul F. M., to Societe D'Electronique et D'Automatismes. Numeration converters. 2,729,811, 1-3-56, Cl. 340-347.
- Gloess, Paul F. M. Electric signalling systems by means of position modulated pulses. 2,769,167, 10-30-56, Cl. 843-13.
- Gloess, Paul F. M., and J. A. M. L. Gallavardin. Electronic distributor for counting and similar purposes. 2,770,417, 11-13-56, Cl. 235-61.
- Glogau, Manfred L., and L. H. Matthias, to Allen-Bradley Co. Drum switch. 2,762,876, 9-11-56, Cl. 200-11.
- Glogau, Richard E., and Davis. 2,762,876, 9-11-56, Cl. 200-11.
- Glogau, Richard E., Glogau, Lovig, and Swed. 2,736,261.
- Glo-Quartz Electric Heater Co., Inc. : *See*—  
Strokes, George T. 2,740,881.
- Glos, Martin : *See*—  
Sis, Oskar, Schmidt, and Glos. 2,773,765.
- Glozjak, Jack. Variable grip and adjustable multiple fur slicer. 2,772,476, 12-4-56, Cl. 30-304.
- Glover, Bill, Inc. : *See*—  
Glover, William C., Jr. 2,740,566.  
Glover, William C., Jr., and Manley. 2,748,619.  
Manley, William O. 2,762,527.
- Glover, Cyril. Reciprocating cutting assembly. 2,742,752, 4-24-56, Cl. 56-257.
- Glover, Raymond P. : *See*—  
Head, Cornelius R. 2,757,056.
- Glover, Roland L., to Union Carbide Canada Ltd. Dry cell. 2,773,926, 12-11-56, Cl. 136-107.
- Glover, Stewart : *See*—  
Williams, James, and Glover. 2,742,286.
- Glover, William C., Jr. Garment finishing machine. 2,735,595, 2-21-56, Cl. 223-70.
- Glover, William C., Jr., to Bill Glover, Inc. Shirt finishing machine. 2,740,566, 4-3-56, Cl. 223-70.
- Glover, William C., Jr., and W. O. Manley, to Bill Glover, Inc. Perforated drum control for automatic washing machines. 2,748,619, 6-5-56, Cl. 74-568.
- Glowen, Lawrence F., and J. J. Sennello, to Continental Can Co., Inc. Magnetically operated non-can-no-cover feed control. 2,755,762, 7-24-56, Cl. 113-114.
- Glowen, Lawrence F., and J. J. Sennello, to Continental Can Co., Inc. No-can-no-cover feed control. 2,755,763, 7-24-56, Cl. 113-114.
- Glowmeyer Corp. : *See*—  
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- Gluck, David, to Houdaille Industries, Inc. Device for controlling belt alignment. 2,744,363, 5-8-56, Cl. 51-139.
- Gluck, Jerome, and A. Q. Oaks, to Sanaspray Mfg. Co. Sanitary spray apparatus. 2,754,820, 7-17-56, Cl. 128-227.
- Gluckin, Edwin W. Shoulder support for brassieres. 2,752,601, 7-3-56, Cl. 2-42.
- Gluckin, Gerald W. Cup supporting frames for brassieres. 2,761,147, 9-4-56, Cl. 2-42.
- Gluck, Eugene. Denture articulators. 2,748,481, 6-5-56, Cl. 32-32.
- Gluesenkamp, Earl W., and M. Kosmin, to Monsanto Chemical Co. Method of operating a turbogjet engine. 2,765,617, 10-9-56, Cl. 60-35,4.
- Glubareff, Michael E., to United Aircraft Corp. Weighted blade for rotary wing aircraft. 2,754,918, 7-17-56, Cl. 170-159.
- Glubareff, Michael E., to United Aircraft Corp. Helicopter-airplane with engines mounted on fixed wings. 2,755,038, 7-17-56, Cl. 244-6.
- Glunt, John L. Sanitary neck duster. 2,748,414, 6-5-56, Cl. 15-226.
- Glur, Norris W. Coolant control. 2,751,186, 6-19-56, Cl. 251-294.
- Glycerine Corp. of America, Inc. : *See*—  
Zender, Justin. 2,759,889.
- Glynn, Edwin A., to Super Mold Corp. of California. Tread centering device for tire molds. 2,743,225, 2-14-56, Cl. 18-18.
- Glynn, Edwin A., to Super Mold Corp. of California. Power mechanism for tire molds. 2,738,060, 2-28-56, Cl. 18-18.
- Glynn, Edwin A., to Super Mold Corp. of California. Mold for retreading tires. 2,745,137, 5-15-56, Cl. 18-18.
- Glynn, Emmett P. : *See*—  
Sheely, Madison L., and Glynn. 2,738,335.



- Gnadke, Siegfried, to International Standard Electric Corp. Illuminated track diagram board. 2,764,751, 9-25-56, Cl. 240-225.
- Gnam, Gordon B., and L. B. Hedje. Electronic analog safety for automatic weapons. 2,741,162, 4-10-56, Cl. 89-135.
- Gnambis, Josef: See—
- Kraus, Ludwig, and Gnambis. 2,775,467.
- Gobel, Charles. Dialyser. 2,756,206, 7-24-56, Cl. 210-8.5.
- Göbel, Herwig: See—
- Mittendrein, Michael, and Göbel. 2,770,464.
- Gobiet, Viktor: See—
- Eisenhut, Franz, Gobiet, and Siegl. 2,738,287.
- Gobrecht, George W., to The Budd Co. Private room accommodations for vehicles. 2,760,443, 8-28-56, Cl. 105-315.
- Goetz, Edward M.: See—
- Bek, John C., and Goetz. 2,755,134.
- Goda, George, to Champion Implement Corp. Operating mechanism for spray guns. 2,772,119, 11-27-56, Cl. 209-97.
- Godat, Abel, to Bulova Watch Co. Inc. Reversible input unidirectional output transmission gearing. 2,749,779, 6-12-56, Cl. 74-812.
- Godat, Abel, to Bulova Watch Co. Inc., New York, Bienne Branch. Unidirectional driving gear. 2,765,679, 10-9-56, Cl. 74-812.
- Godat, Edmond, to United States Rubber Co. Mandrel. 2,734,691, 2-14-56, Cl. 242-72.
- Goddard, Charles H., and M. M. Thomsen, to Sylvania Electric Products Inc. Lighting and sound absorbing fixture. 2,759,094, 8-14-56, Cl. 240-2.
- Goddard, Charles C., and N. C. Wittwer, Jr., to Bell Telephone Laboratories, Inc. Broad band amplifier devices. 2,747,138, 5-22-56, Cl. 315-58.
- Goddard, Edwin G. Lamp holder. 2,775,743, 12-25-56, Cl. 339-52.
- Goddard, Esther C.: See—
- Goddard, Robert H. 2,749,706.
- Goddard, Robert H. 2,749,884.
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- Goddard, Robert H. 2,770,251.
- Goddard, Robert H. 2,770,253.
- Goddard, Herbert, and L. Rodstrom, to Cameron Machine Co. Rewind shaft injector. 2,759,678, 8-21-56, Cl. 242-66.
- Goddard, Robert H., deceased, by E. C. Goddard, executrix,  $\frac{1}{2}$  to The Daniel and Florence Guggenheim Foundation. Mechanism for cooling a combustion chamber in propulsion apparatus and for feeding combustion liquids thereto. 2,749,706, 6-12-56, Cl. 60-35.6.
- Goddard, Robert H., deceased, by E. C. Goddard, executrix,  $\frac{1}{2}$  to The Daniel and Florence Guggenheim Foundation. Pressure-operated feeding apparatus for combustion liquids in internal combustion chamber. 2,749,884, 6-12-56, Cl. 121-48.
- Goddard, Robert H., deceased, by E. C. Goddard, executrix,  $\frac{1}{2}$  to The Daniel and Florence Guggenheim Foundation. Apparatus for continuously feeding a liquid fuel and a liquid oxidizer to a combustion chamber of propulsion type and having an open discharge nozzle. 2,760,335, 8-28-56, Cl. 60-35.6.
- Goddard, Robert H., deceased, by E. C. Goddard, executrix,  $\frac{1}{2}$  to The Daniel and Florence Guggenheim Foundation. Quick-acting reducing valve. 2,770,251, 11-13-56, Cl. 138-10.
- Goddard, Robert H., deceased, by E. C. Goddard, executrix,  $\frac{1}{2}$  to The Daniel and Florence Guggenheim Foundation. Dual-range safety valve. 2,770,255, 11-13-56, Cl. 137-529.
- Goddard, Ruth M., to Milton E. Brown & Co. Ornamental attachments for eyeglass frames. 2,743,543, 5-1-56, Cl. 41-10.
- Goddard, Ruth M. Disposable protective footwear accessories. 2,759,275, 8-21-56, Cl. 36-72.
- Gödde, Franz: See—
- Häberle, Albert, and Gödde. 2,730,707.
- Godden, Thomas E., E. H. Morris, and A. H. W. Loynes, to Rotol Ltd. Fluid flow control devices. 2,763,279, 9-18-56, Cl. 137-99.
- Goddin, Clifton S., Jr., and T. Q. Elliot, to Stanolind Oil and Gas Co. Process for separation of acetone and methanol from complex mixtures. 2,751,337, 6-19-56, Cl. 202-39.5.
- Gödel, Herbert: See—
- Magnant, Dominique, Carabasse, Godeau, and Meunissier. 2,738,174.
- Godefrol, Erik F., to Parke, Davis & Co. Process for the production of  $\alpha$ - $\beta$ -diaminopropionic acid esters. 2,738,363, 2-14-56, Cl. 26-432.
- Godehn, Donald J., to American Enka Corp. Inhibition of dark spots on freshly spun viscose by washing with a specific sequestering agent. 2,735,742, 2-21-56, Cl. 8-137.5.
- Godet, Pierre: See—
- Mention, Maurice, and Godet. 2,740,806.
- Godoy, Charles S.: See—
- Holmes, William R., and Godfrey. 2,741,584.
- Godfrey, Frank C.: See—
- Miller, George, and Godfrey. 2,743,165.
- Godfrey, Frank C., and G. Miller. Production of sodium carbonate. 2,755,169, 7-17-56, Cl. 23-63.
- Godfrey, James H., to The Stanley Works. Router attachment. 2,756,785, 7-31-56, Cl. 144-134.
- Godfrey, John: See—
- Clarke, James H., and Godfrey. 2,728,916.
- Clarke, James H., and Godfrey. 2,752,977.
- Coates, John F., Clarke, and Godfrey. 2,752,616.
- Godfrey, Kenneth L.: See—
- Saul, George A., and Godfrey. 2,752,392.
- Godfrey Propeller Adjusting Corp.: See—
- Taft, John G. 2,732,021.
- Godfrey, William H. Self-sealing cap for collapsible tubes. 2,755,974, 7-24-56, Cl. 222-494.
- Godman, H. C., Co. The: See—
- Weber, Donald F. 2,730,734.
- Godon, Yvan A. Combined fishhook and gaff. 2,732,651, 1-31-56, Cl. 43-37.
- Godoy, Caesar O. Stick horse. 2,730,365, 1-10-56, Cl. 272-1.
- Godschalk, Adrian T.: See—
- Hosae, Everett E., and Godschalk. 2,750,459.
- Godsey, Ake. Fishing lure. 2,739,407, 3-27-56, Cl. 43-42.15.
- Godshall, Nicholas G., to Walter W. Moyer Co., Inc. Sewing machine attachment for making infant's garment. 2,742,870, 4-24-56, Cl. 112-114.
- Godshalk, Russell L.: See—
- Alexeff, Alexander V., and Godshalk. 2,775,216.
- Godsil, Thomas V., to Vickers Inc. Power transmission. 2,739,446, 3-27-56, Cl. 60-52.
- Godtel, William J. Portable decorticator for ramie or the like. 2,755,611, 2-24-56, Cl. 19-24.
- Godwin, Harry: See—
- Streckfus, John G., and Godwin. 2,770,868.
- Godwin, James R. Automatically retrieving floating reel. 2,742,242, 4-17-56, Cl. 242-89.
- Godwin, William S. Dowel apparatus for paving joints. 2,756,562, 10-30-56, Cl. 94-8.
- Godzyk, Nufer, Jr.: See—
- Longee, Nelson C., Godzyk, and Fodor. 2,735,684.
- Goebel, Gregory, to The Singer Mfg. Co. Bobbin case opener driving mechanisms. 2,763,226, 9-18-56, Cl. 112-184.
- Goebel, Max T., to E. I. du Pont de Nemours and Co. Method of activating and esterifying the surface of finely divided particles of silica having surface silanol groups. 2,736,669, 2-28-56, Cl. 117-54.
- Goebel, Max T., to E. I. du Pont de Nemours and Co. Product and process. 2,739,077, 3-20-56, Cl. 106-308.
- Goebel, Robert S., C. H. Myers, and R. E. Stephens, to The National Cash Register Co. Sorting machine for paper forms. 2,760,654, 8-28-56, Cl. 214-11.
- Goedertz, Frank G. Signal for lights of automobile. 2,736,014, 2-21-56, Cl. 340-252.
- Goekoop, Martinus L., to Stamicarbon N. V. Manufacture of carbonizing material from coal. 2,735,819, 2-21-56, Cl. 252-179.
- Goek, Eberhard, to Koppers Co., Inc. Control apparatus for gas producers combined with regenerative ovens. 2,732,289, 1-24-56, Cl. 48-76.
- Goemann, Richard P., to H. H. Robertson Co. Air conditioning distributing system apparatus. 2,729,429, 1-3-56, Cl. 257-8.
- Goepfert, George J., to The Carborundum Co. One-stage resin bonded diamond abrasive wheel. 2,769,700, 11-6-56, Cl. 51-298.
- Goepfrich, Rudolph A., to Bendix Aviation Corp. Seal actuator for hydraulic brake actuator. 2,752,755, 7-3-56, Cl. 60-54.6.
- Goepfrich, Rudolph A., and J. L. Mossey, to Bendix Aviation Corp. Sealed brake. 2,762,458, 9-11-56, Cl. 188-18.
- Goering, Hans G., and V. F. Mistretta, to Esso Research and Engineering Co. Process for the preparation of polyisobutylene with a slurry catalyst. 2,739,143, 3-20-56, Cl. 260-94.8.
- Goerrig, Dieter, and H. Jonas, to Farbenfabriken Bayer Aktiengesellschaft. Fluorinating organic compounds with hydrogen fluoride containing hydroxonium ions. 2,773,913, 12-11-56, 260-653.
- Goertz, Raymond C., R. G. Schmitt, Jr., and R. A. Olsen, to the United States of America as represented by the United States Atomic Energy Commission. Remote control manipulator. 2,764,301, 9-25-56, Cl. 214-1.
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- Goethert, Rudolf, to Franke & Heidecke, Fabrik Photographischer Präzisions-Apparate. Anti-reflective coating for lenses. 2,741,357, 4-10-56, Cl. 38-10.
- Goett, John J., to the United States of America as represented by the United States Atomic Energy Commission. Safety device for a neutronic reactor. 2,773,823, 12-11-56, Cl. 204-193.
- Goetz, Albert, to International Metal Products Co. Flow distribution valves for evaporative coolers. 2,731,252, 1-17-56, Cl. 261-71.
- Goettl, Gust. Metering tip for water distribution tubes in evaporative coolers. 2,738,232, 3-13-56, Cl. 299-141.
- Goettl, Gust. Flow control tip for water distribution pipes of evaporative coolers. 2,742,322, 4-17-56, Cl. 299-107.
- Goettsch, Walter J., to Samuel M. Langston Co. Machine for making box blanks. 2,764,217, 9-25-56, Cl. 154-1.
- Goettsch, Walter J., and W. C. George, to Crown Zellerbach Corp. Reinforcement for a container. 2,762,550, 9-11-56, Cl. 229-14.
- Goetz, Alexander. Means and method of producing and controlling cultures of microorganisms. 2,761,813, 9-4-56, Cl. 195-80.
- Goetz, George A.: See—
- Corson, John H., Goetz, and Lewis. 2,756,169.
- Goetz, Maurus T., to Teletype Corp. Character sequence transmitter. 2,735,887, 2-21-56, Cl. 178-17.

- Goetz, Maurus T., to Teletypesetter. Scale mechanism for typographic tape perforator. 2,755,859, 7-24-56, Cl. 164-112.
- Goetz, Michael B. Hygroscopic air conditioner. 2,769,313, 11-6-56, Cl. 62-6.
- Goetze, Alfred P.: *See*—  
Oberhuber, William F., Wollin, and Goetze. 2,743,521.
- Goetzl, Claus G., and J. L. Ellis, to Sintercast Corp. of America. Compressor blade. 2,749,029, 6-5-56, Cl. 23-134.
- Goetzl, Claus G., and J. B. Adamec, to Sintercast Corp. of America. Heat resistant titanium carbide containing body and method of making same. 2,752,666, 7-3-56, Cl. 29-182.8.
- Goetzl, Claus G., and J. B. Adamec, to Sintercast Corp. of America. Sintering process for forming a die. 2,753,261, 7-3-56, Cl. 75-204.
- Goetzl, Claus G., and R. L. Pettibone, to Sintercast Corp. of America. Titanium carbide composite material. 2,765,227, 10-2-56, Cl. 75-203.
- Goerwerke Friedrich Goetze Aktiengesellschaft: *See*—  
Müller, Max A. 2,766,085.
- Goff, Harold W., to Bell Telephone Laboratories, Inc. Tape perforator. 2,761,508, 9-4-56, Cl. 164-111.
- Goff, William F.: *See*—  
Corbitt, Harry W., and Goff. 2,763,348.
- Goggins, William C. Sand cleaning machine. 2,762,616, 9-11-56, Cl. 262-2.
- Gogolick, Roland M., and J. G. Tabler, to Globe-Union Inc. Frequency stabilization. 2,744,197, 5-1-56, Cl. 250-36.
- Gohel Tanabe & Co., Ltd.: *See*—  
Utsumi, Isang, and Harada. 2,770,624.
- Gohorel, Fernand P., to International Standard Electric Corp. Automatic telephone systems. 2,735,894, 2-21-56, Cl. 179-18.
- Gohorel, Fernand P., to International Standard Electric Corp. Telephone systems. 2,758,157, 8-7-56, Cl. 179-22.
- Gohorel, Fernand P., to International Standard Electric Corp. Automatic telephone systems. 2,761,907, 9-4-56, Cl. 179-22.
- Gohorel, Fernand P., to International Standard Electric Corp. Automatic telephone systems. 2,770,676, 11-13-56, Cl. 178-15.
- Gohrke, Raymond W., to Gerlinger Carrier Co. Laterally adjustable tines for a lift truck. 2,748,966, 6-5-56, Cl. 214-731.
- Goins, Edward K. Combination drain spout and cess tank for vehicular toilets. 2,755,482, 7-24-56, Cl. 4-8.
- Gohr, John. Well cable signal device. 2,771,654, 11-20-56, Cl. 116-67.
- Goins, Robert R., to Phillips Petroleum Co. Improved pebble heater. 2,774,572, 12-18-56, Cl. 257-2.
- Golar, Paul: *See*—  
Kendall, Fred E., and Golar. 2,756,159.
- Whitehouse, Irvine P., Kendall, and Golar. 2,748,066.
- Golaski, Walter M. Narrowing attachment for flat knitting machine. 2,755,646, 7-24-56, Cl. 66-89.
- Golay, Marcel J. E. Spectrometric method and apparatus for determining radiation ratios. 2,750,834, 6-19-56, Cl. 5-14.
- Golbert, Serge, to Societe Nationale de Constructions Aeronautiques du Sud-Est. Method of stretch-bending sheet metal. 2,734,474, 2-14-56, Cl. 113-51.
- Golby, Alan G.: *See*—  
Hertan, Melvin H. 2,755,361.
- Gold Abraham and H., and B. H. Bogin, to Gold Bros. Inc. Safety wrist watch bracelet band. 2,743,857, 5-1-56, Cl. 224-4.
- Gold Bros. Inc.: *See*—  
Gold, Abraham and H., and Bogin. 2,743,857.
- Gold, Heinrich, and S. Petersen, to Farbenfabriken Bayer Aktiengesellschaft. 4,4'-diamino-stilbene compounds. 2,764,582, 9-25-56, Cl. 260-249.6.
- Gold, Heinrich, and S. Petersen, to Farbenfabriken Bayer Aktiengesellschaft. 4,4'-diamino-stilbene compounds. 2,764,583, 9-25-56, Cl. 260-249.6.
- Gold, Heinrich: *See*—  
Gold, Abraham and H., and Bogin. 2,743,857.
- Gold, Meldon. Adjustable bed cover support. 2,750,604, 6-19-56, Cl. 5-319.
- Gold, Richard G.: *See*—  
Eberhardt, John E., Graham, and Gold. 2,766,108.
- Gold, Richard L., and P. Froeschel. Machine for improving the keeping qualities of plants and restoring wilted plants to full freshness. 2,745,217, 5-15-56, Cl. 47-1.
- Gold, Robert M.: *See*—  
Lincoln, George W., Gold, and Spiekerman. 2,775,664.
- Goldan, Theodore J.: *See*—  
Derosa, Louis A., Bucher, and Goldan. 2,749,524.
- Goldband, Samuel. Hangable display package. 2,751,071, 6-19-56, Cl. 206-45.31.
- Goldband, Samuel. Hangable doll dress package. 2,757,789, 8-7-56, Cl. 206-45.31.
- Goldbaum, Richard E.: *See*—  
Goldbaum, Robert H. 2,741,858.
- Goldbaum, Robert H., to R. E. Goldbaum. Heel and heel blank. 2,741,858, 4-17-56, Cl. 36-34.
- Goldberg, Alan A., to Ward Blenkinsop & Co., Ltd. Substituted 1,10-diaza-anthracenes. 2,775,595, 12-25-56, Cl. 260-288.
- Goldberg, Albert I., and R. F. Doering, to National Starch Products Inc. Manufacture of polymer-resin granules. 2,765,286, 10-2-56, Cl. 260-27.
- Goldberg, Arthur G., to Standard Box Co. Automatic serving tray. Re. 2,423,310-30-56, Cl. 229-28.
- Goldberg, Bertrand, to U. S. Industries, Inc. Wood cellular laminated railway car. 2,730,273, 2-28-56, Cl. 105-404.
- Goldberg, Bertrand, to U. S. Industries, Inc. Anchor for lading strapping. 2,740,381, 4-3-56, Cl. 105-369.
- Goldberg, David, to Schreiber & Goldberg. Pressing and shaping apparatus for multiple-ply fabric articles. 2,741,407, 4-10-56, Cl. 223-2.
- Goldberg, David N. Clutch or brake band. 2,774,455, 12-18-56, 12-18-56, Cl. 192-107.
- Goldberg, Emanuel and H. E. Refractometers. 2,768,553, 10-30-56, Cl. 88-14.
- Goldberg, Ernest W. Automatic slide changer. 2,756,630, 7-3-56, Cl. 88-23.
- Goldberg, George, to Metacomb Mfg. Co., Inc. Button-buckle dies. 2,729,122, 1-3-56, Cl. 79-5.
- Goldberg, Harold, to Bendix Aviation Corp. Automatic range gate. 2,740,112, 3-27-56, Cl. 343-7.3.
- Goldberg, Harold, to Bendix Aviation Corp. Chain oscillator in a multi-link system. 2,740,893, 4-3-56, Cl. 250-36.
- Goldberg, Harold D. and M. I. Electronic system. 2,747,130, 5-22-56, Cl. 315-8.5.
- Goldberg, Harry: *See*—  
Burrows, Milford D., Siwek, and Goldberg. 2,750,172.
- Goldberg, Herman: *See*—  
Goldberg, Emanuel and H. E. 2,768,553.
- Goldberg, Jacob B. Cox, and J. E. Heywood. Data sorting system. 2,735,082, 2-14-56, Cl. 340-147.
- Goldberg, Jerald F. Self-refrigerating container. 2,757,517, 7-7-56, Cl. 62-92.
- Goldberg, Julius M. Dental X-ray film holder. 2,753,461, 7-3-56, Cl. 250-70.
- Goldberg, Max, and R. J. Garwin. Machine having a plurality of hooked feeding needles and means for forming inter-linked hairs on a plastic head of a doll and the like. 2,747,530, 5-29-56, Cl. 112-79.5.
- Goldberg, Michael. Double-contact cam mechanisms. 2,741,132, 4-10-56, Cl. 74-54.
- Goldberg, Milton I.: *See*—  
Goldberg, Harold D. and M. I. 2,747,130.
- Goldberg, Morris I. Convertible bassinet and child's chair for automobiles. 2,730,163, 1-10-56, Cl. 155-44.
- Goldberg, Moses W., and S. Teitel, to Hoffmann-La Roche Inc. Diamine compounds. 2,736,746, 2-28-56, Cl. 260-501.
- Goldberg, Moses W., and S. Teitel, to Hoffmann-La Roche Inc. Butylamine derivatives. 2,736,747, 2-28-56, Cl. 260-563.
- Goldberg, Moses W., and S. Teitel, to Hoffmann-La Roche Inc. Di-alkylalkoxyalkyl-diphenylacetanilides. 2,746,992, 5-22-56, Cl. 260-558.
- Goldberg, Moses W., and H. H. Lehr, to Hoffmann-La Roche Inc. Thiamorpholones and their preparation. 2,755,278, 7-17-56, Cl. 260-243.
- Goldberg, Moses W., and S. Teitel, to Hoffmann-La Roche Inc. Polyalkyl sulfones. 2,761,865, 9-4-56, Cl. 260-294.8.
- Goldberg, Moses W., and S. Teitel, to Hoffmann-La Roche Inc. 3-Pyridine sulfonic acid and process. 2,761,866, 9-4-56, Cl. 260-294.8.
- Goldberg, Moses W., and A. I. Rachlin, to Hoffmann-La Roche Inc. Glycinamide derivatives. 2,765,202, 10-23-56, Cl. 260-558.
- Goldberg, Moses W., and S. Teitel, to Hoffmann-La Roche Inc. Basic esters. 2,774,766, 12-18-56, Cl. 260-294.7.
- Goldberg, Ralph. Metal window assembly. 2,771,971, 11-27-56, Cl. 189-75.
- Goldberg, Samuel D. Disposable cartridge type syringe. 2,745,403, 5-15-56, Cl. 128-218.
- Goldberg, Samuel D. Cartridge-type hypodermic syringe. 2,753,867, 7-10-56, Cl. 128-218.
- Goldberg, Sydney J.: *See*—  
Osterberg, Ralph H., Goldberg, Horsfall, and Wuerth. 2,769,492.
- Goldberger, Ernö M. Shoulder rest for violins. 2,747,452, 5-29-56, Cl. 84-280.
- Goldberger, Ernö M., and J. Menuhin. Damping attachment for string instruments. 2,765,692, 10-9-56, Cl. 84-274.
- Goldblatt, Leo A.: *See*—  
Fisher, Gordon S., and Goldblatt. 2,735,870.
- Fisher, Gordon S., and Goldblatt. 2,775,578.
- Fisher, Gordon S., Goldblatt, and Stinson. 2,750,411.
- Hancock, Harold E., Goldblatt, and Mason. 2,742,035.
- Pack, Frank C., and Goldblatt. 2,746,864.
- Goldblatt, Leo A., to the United States of America as represented by the Secretary of Agriculture. Alkyl iodide catalyzed tung oil isomerization. 2,744,123, 5-1-56, Cl. 260-405.6.
- Goldblatt, Samuel A. Indicator for high energy radiation sterilizing processes. 2,738,429, 3-13-56, Cl. 250-83.
- Golden, Abraham H., to The Yale & Towne Mfg. Co. Removable cylinder for lock. 2,750,785, 6-19-56, Cl. 70-224.
- Golden, Abraham H., R. W. Schmid, and P. P. Kubik, to The Yale & Towne Mfg. Co. Locking mechanism for tubular lock. 2,747,907, 5-29-56, Cl. 292-169.
- Golden, Abraham H., and D. L. Biblin, to The Yale & Towne Mfg. Co. Deadlocking latch bolt. 2,768,014, 10-23-56, Cl. 292-169.
- Golden, Carl E., to Ransome Co. Air heater. 2,756,040, 7-24-56, Cl. 263-19.
- Golden, Catherine C. Test tube cleaning device and method. 2,744,842, 5-8-56, Cl. 134-23.
- Golden, Clair W. Advertising display pad. 2,755,576, 7-24-56, Cl. 40-10.



- Golden, Daniel : *See—*  
Lubkin, Samuel, and Golden. 2,764,463.
- Golden, Harry. Flashlight. 2,775,688, 12-25-56, Cl. 240-10.66.
- Golden, Jonathan. Automobile clothes support. 2,746,660, 5-22-56, Cl. 244-42.1.
- Golden, Samuel J. Contour comb. 2,755,808, 7-24-56, Cl. 132-126.
- Golden, Sidney, to the United States of America as represented by the Secretary of War. Jet propelled device. 2,763,127, 9-18-56, Cl. 60-35.6.
- Golden, Thomas H., to Phillips-Jones Corp. Shirt packaging. 2,793,989, 7-10-56, Cl. 206-46.
- Goldenberg, David Z., to Industrial Rayon Corp. Thread-advancing reel. 2,738,052, 3-13-56, Cl. 203-183.
- Goldenson, Jerome, and L. Cohen, to the United States of America as represented by the Secretary of the Army. Thickener for hydrocarbon fuels. 2,769,697, 11-6-56, Cl. 44-4.
- Goldfarb, Adolph, to M. I. Glass. Doll head. 2,732,658, 1-31-56, Cl. 46-116.
- Goldfischer, Lester I., to General Precision Laboratory Inc. Analog to digital converter. 2,750,584, 6-12-56, Cl. 32-34.
- Goldhammer, Albert. Stereoscopic camera. 2,730,938, 1-17-56, Cl. 95-18.
- Goldheim, Samuel L. : *See—*  
Frankel, Edward M., and Goldheim. 2,772,206.  
Frankel, Edward M., and Goldheim. 2,772,207.
- Golding, Donald B., to Studebaker-Packard Corp. Air duct for automobile cooling system. 2,761,291, 9-4-56, Cl. 62-117.
- Golding, James L., J. J. Bosshard, and W. H. Comerford, to Plasti-Glo Mfg. Corp. Winding drum for strip material. 2,729,403, 7-3-56, Cl. 242-72.
- Goldestink, Myron. Self-setting snare hooks. 2,763,084, 9-18-56, Cl. 43-37.
- Goldman, Angela A. : *See—*  
Waller, Cov W., and Goldman. 2,744,932.
- Goldman, Arthur : *See—*  
Fechter, Henry G., Kleiman, and Goldman. 2,750,396.
- Goldman, Arthur, M. Kleiman, and H. G. Fechter, to Velsicol Chemical Corp. Production of halogenated polycyclic alcohols. 2,750,397, 6-12-56, Cl. 260-410.
- Goldman, Ernest A. : *See—*  
Lewin, Gerhard, and Goldman. 2,743,387.
- Goldman, Ida. Convertible hard top automobile body. 2,772,917, 12-4-56, Cl. 296-137.
- Goldman, Kenneth M. : *See—*  
Thomas, Donald E., Goldman, Gordon, and Johnson. 2,772,964.
- Goldman, Leon, and R. P. Williams, to American Cyanamid Co. Substituted 1-carboxyl-4-carbamyl piperazines and method of preparing the same. 2,756,232, 7-24-56, Cl. 260-268.
- Goldman, Louis, to Bancroft Cap Co. Fisherman's hat. 2,759,272, 11-6-56, Cl. 43-57.5.
- Goldman, Maurice : *See—*  
Gaines, Bernard, and Goldman. 2,753,049.
- Goldman, Max, to the United States of America as represented by the Secretary of the Army. Synchronizing circuit. 2,757,237, 7-31-56, Cl. 178-53.1.
- Goldman, Oscar G. Saw blade with inserted teeth. 2,736,312, 2-28-56, Cl. 125-18.
- Goldman, Oscar G. Portable pipe saw. 2,759,242, 8-21-56, Cl. 29-73.
- Goldman, Robert B. Water responsive control circuit. 2,754,400, 7-10-56, Cl. 318-102.
- Goldman, Sanford L. Display mount. 2,746,191, 5-22-56, Cl. 40-152.1.
- Goldman, Sylvan N. : *See—*  
Enders, William C. 2,764,419.  
Young, Fred W. 2,769,645.
- Goldmark, Peter C., to Columbia Broadcasting System, Inc. Television. 2,764,629, 9-25-56, Cl. 178-3.4.
- Goldmark, Peter C., and J. J. Reeves, to Columbia Broadcasting System, Inc. Television. 2,740,071, 3-27-56, Cl. 315-30.
- Goldner, Bernard B., and J. C. MacIntyre. Plastic welding composition. 2,729,573, 1-3-56, Cl. 106-287.
- Goldner, Richard. Shutter, window or the like. 2,729,287, 1-3-56, Cl. 160-33.
- Goldrich, Norman H. : *See—*  
Sheppard, Charles B., Goldrich, and Kraus. 2,736,823.
- Goldsborough, Shirley L., to Westinghouse Electric Corp. Ground distance relay. 2,743,396, 4-24-56, Cl. 317-18.
- Goldschein, Max H. Instant drying photostat. 2,773,769, 9-18-56, Cl. 96-84.
- Goldschmidt, Alfred, and J. R. Wright, to California Research Corp. Method for preparing hexaalkoxydisiloxanes. 2,758,126, 8-7-56, Cl. 260-448.8.
- Goldschmidt, Alfred, and J. R. Wright, to California Research Corp. Method of preparing silicon esters by reacting an alkoxysilanol with an alkoxysilamine. 2,758,127, 8-7-56, Cl. 260-448.8.
- Goldschmidt, Hans, to Magna Engineering Corp. Circular saw work supporting table. 2,747,626, 5-29-56, Cl. 144-1.
- Goldschmidt, Hans, to Magna Engineering Corp. Drill press assembly. 2,748,627, 6-5-56, Cl. 77-5.
- Goldschmidt, Hans, to Magna Power Tool Corp. Work holding and feeding device for use with table saws. 2,759,503, 8-21-56, Cl. 143-51.
- Goldschmidt, Th. A. G. : *See—*  
Brugger, Wilhelm. 2,755,325.  
Bungardt, Walter. 2,762,707.  
Schmitz, Adolf. 2,755,191.
- Goldsmith, Dale P. J., and R. Taub, to Merck & Co., Inc. Penicillin salts. 2,741,604, 4-10-56, Cl. 260-239.1.
- Goldsmith, Harold A., H. Herz, and A. Z. Guterman, to Magnetic Amplifiers, Inc. Automatic headlight dimmer. 2,757,599, 3-6-56, Cl. 307-41.
- Goldsmith, Henry A., to Colgate-Palmolive Co. Surface-active compounds and detergent compositions containing same. 2,738,333, 3-13-56, Cl. 252-152.
- Goldsmith, Hugo, to Sport Products, Inc. Baseball glove. 2,746,050, 5-22-56, Cl. 2-19.
- Goldsmith, James R. : *See—*  
Fleiszar, Mitchell J., Sr., Goldsmith, Lenc, and Pikicunas. 2,756,043.
- Goldsmith, John L. : *See—*  
Graham, Hulan E., and Goldsmith. 2,770,413.
- Goldsmith, Kurt, to Lever Brothers Co. Apparatus for measuring dielectric properties of material. 2,754,478, 7-10-56, Cl. 324-61.
- Goldsmith, Kurt, V. D. Worstall, and P. W. Heselgrave, to Lester Brothers Co. Method and apparatus for measuring progress of hydrogenation. 2,766,265, 10-9-56, Cl. 260-409.
- Goldsmith, Oliver B. : *See—*  
Bernier, Carl J., and Goldsmith. 2,755,159.
- Goldsmith, Paul : *See—*  
Roberts, Edward A., and Goldsmith. 2,745,278.
- Goldstaub, Henry H. Thermionic tube retainers. 2,768,360, 10-23-56, Cl. 339-75.
- Goldstein, Abraham. Collar stretcher. 2,769,585, 11-6-56, Cl. 223-62.1.
- Goldstein, Arthur, to Tru Balance Corsets, Inc. Foundation garment. 2,733,444, 2-7-56, Cl. 2-37.
- Goldstein, David. Billfold. 2,752,976, 7-3-56, Cl. 150-38.
- Goldstein, Herman B. : *See—*  
Mason, Scott, Goldstein, and Cotter. 2,758,123.
- Goldstein, Herman B., M. W. Pollock, and E. Zerner, to Sun Chemical Corp. Functional compositions comprising copper 8-quinolinolate solubilized with heavy metal salts of alkyl phosphoric acid esters. 2,756,175, 7-24-56, Cl. 167-33.
- Goldstein, Isidore. Combined pencil sharpener, extension grip and eraser. 2,757,638, 8-7-56, Cl. 120-1.
- Goldstein, Jacob M. Minnow trap. 2,736,986, 3-6-56, Cl. 43-103.
- Goldstein, Jacob M., and R. Berman. Tooth cleaning device with removable cleaning member. 2,736,917, 3-6-56, Cl. 15-210.
- Goldstein, Ladislav, D. J. Levine, and W. Sichak, to International Telephone and Telegraph Corp. Waveguide gas switching device. 2,745,072, 5-8-56, Cl. 333-98.
- Goldstein, Ladislav, and H. F. Engelman, to International Telephone and Telegraph Corp. Wave guide with dual purpose gas discharge device. 2,773,243, 12-4-56, Cl. 333-13.
- Goldstein, Ladislav, M. A. Lampert, and J. F. Heney, to International Telephone and Telegraph Corp. Gyration methods and means. 2,773,245, 12-4-56, Cl. 333-98.
- Goldstein, Maurice L. Intercommunication system for bowling alleys. 2,761,898, 9-4-56, Cl. 179-2.
- Goldstein, Morris L. Shirt. 2,758,312, 8-14-56, Cl. 2-212.
- Goldstein, Reuben. Mailing or shipping carton. 2,765,973, 10-9-56, Cl. 229-33.
- Goldstein, Samuel, and I. Lichtenstein, to Corro Ltd. Method and machine for making triple wall corrugated paper board. 2,759,523, 8-21-56, Cl. 154-33.05.
- Goldstein, Samuel E. Vehicular short-wave antenna. 2,771,604, 11-20-56, Cl. 343-749.
- Goldthwait, Richard G. : *See—*  
Beuther, Harold, and Goldthwait. 2,755,229.  
Beuther, Harold, and Goldthwait. 2,766,177.
- Goldwater, Maurice E. Reversible ratchet wrench. 2,758,493, 8-14-56, Cl. 81-58.2.
- Goldwater, Maurice H., and V. R. Hermanson. Friction action ratchet wrench. 2,735,324, 2-21-56, Cl. 81-60.
- Goldzwig, David M. : *See—*  
Hott, Ion V. K., and Goldzwig. 2,742,257.
- Golobay, Victor, to Valia S. Clary, Corp. Accumulator selection mechanism. 2,741,426, 4-10-56, Cl. 235-6.
- Goley, Donald E. : *See—*  
Reed, John C. 2,739,508.
- Golladay, Lawrence R., to Westinghouse Air Brake Co. Switching and control means for carrier current transmitters. 2,740,890, 4-3-56, Cl. 250-36.
- Gollaher, Merton G. : *See—*  
Bayley, Abraham, Gollaher, and McLamore. 2,745,838.
- Gollaher, Merton G., and E. J. Honohan, to Chas. Pfizer & Co., Inc. Bacitracin recovery. 2,763,590, 9-18-56, Cl. 167-65.
- Gollehon, Carroll T. Flow control device. 2,764,183, 9-25-56, Cl. 138-45.
- Gollhofer, Paul J. Crib annunciator. 2,734,104, 2-7-56, Cl. 200-61.75.
- Gollin, Alban W. J. : *See—*  
Gentry, Charles H. R., Gollin, and Herzfeld. 2,748,033.
- Gollobin Dental Co., Inc. : *See—*  
Gollobin, William. 2,775,014.
- Gollobin, William. 50% to L. Lawrence, and 50% to Gollobin Dental Co., Inc. Cushioning accessory for earrings. 2,775,014, 12-25-56, Cl. 24-263.

- Gollos, Wolfgang, E. Hedtmann, and W. Kotte, to Vereinigte Glanzstoff-Fabriken A. G. Clamping device for spools of textile machines. 2,757,875, 8-7-56, Cl. 242-46.2.
- Gollub, Fred. Position indicator-recording instrument. 2,761,216, 9-4-56, Cl. 33-147.
- Gollwitzer, Walter T., to Addressograph-Multigraph Corp. Sequentially operating address printing means. 2,732,793, 1-31-56, Cl. 101-47.
- Gollwitzer, Walter T., to Addressograph-Multigraph Corp. Manufacture of punches. 2,759,253, 8-21-56, Cl. 29-42.8.
- Gollwitzer, Walter T., to Addressograph-Multigraph Corp. Sheet detecting means in printing and punching machines. 2,765,733, 10-9-56, Cl. 101-19.
- Gollwitzer, Walter T., to Addressograph-Multigraph Corp. Printing machines with serial number punching. 2,765,849, 10-9-56, Cl. 164-111.
- Gollwitzer, Walter T., to Addressograph-Multigraph Corp. Machines for producing punched business instruments. 2,768,827, 10-16-56, Cl. 164-111.
- Gollwitzer, Walter T., and R. H. Lease, to Addressograph-Multigraph Corp. Skip-print control in address printing machines. 2,734,453, 2-14-56, Cl. 101-58.
- Gommel, Victor F., to E. J. Bruch & Sons. Partitioned box or carton. 2,765,971, 10-9-56, Cl. 229-15.
- Golomb, David L. Adjustable head guard. 2,768,380, 10-30-56, Cl. 2-3.
- Golubski, Joseph L., to Oliver Machinery Co. Labeling machine. 2,747,157, 5-29-56, Cl. 216-21.
- Golub, Richard. Automatic recording device for maneuvering ships. 2,772,940, 12-4-56, Cl. 346-8.
- Gombert, Frederick S., to Hall-Nell Furnace Co. Relative heat flow demonstrator. 2,745,195, 5-15-56, Cl. 35-50.
- Gomco Surgical Mfg. Corp. *See*—Henderson, Stanford A. 2,759,476.
- Gomersall, John R., to McGraw Electric Co. Steam iron. 2,750,690, 6-19-56, Cl. 38-77.
- Gomersall, John R., to McGraw Electric Co. Water feed for steam iron. 2,773,321, 12-11-56, Cl. 38-77.
- Gomersall, John R., to McGraw Electric Co. Water valve actuator for steam iron. 2,773,322, 12-11-56, Cl. 38-77.
- Gomerue Establishment: *See*—Burgsmüller, Karl H. 2,749,807.
- Gomes, Alviro. Jar holder. 2,745,616, 5-15-56, Cl. 248-138.
- Gommel, Dewey E., to Borg-Warner Corp. Process and apparatus for handling of carbonaceous or reactant materials. 2,769,772, 11-6-56, Cl. 196-63.
- Gonay, Jean M. B. Mechanism for a textile machine. 2,774,114, 12-18-56, Cl. 19-163.
- Gondell, John T. Structural joints. 2,746,579, 5-22-56, Cl. 183-36.
- Gondell, Peter. Ear protector. 2,738,514, 3-20-56, Cl. 2-209.
- Gongolas, Constantine J. Pocket tissue dispenser. 2,768,739, 10-30-56, Cl. 206-52.
- Gonsker, James C. Casing mechanism for gyros. 2,769,343, 11-6-56, Cl. 74-51.2.
- Gonia, August T., and H. H. Fante, to Rockwell Spring and Axle Co. Seat having adjustable deflection rate. 2,740,468, 4-3-56, Cl. 158-179.
- Gonsch, James J. *See*—Robertson, Frederic A., and Gonsch. 2,739,415.
- Gonser, Bruce W.: *See*—Campbell, Ivor E., Gonser, and Powell. 2,771,666.
- Gonsett, Faust R. Machines for the manufacture of multiple strand conductor leads. 2,760,892, 8-28-56, Cl. 154-2.4.
- Gonski, Joseph, to Goodman Mfg. Co. Continuous mining machine having a conveyor and an adjustable cutter bar. 2,736,547, 2-28-56, Cl. 262-29.
- Gonzales, Conrad L., and R. Selby. Metering dispenser and cut-off device for liquids. 2,754,034, 7-10-56, Cl. 222-335.
- Gonzales, James E.: *See*—Alvarez, Manuel M. 2,775,497.
- Gonzalez, Angel R. Power lifting device applicable to agricultural implements. 2,772,616, 12-4-56, Cl. 97-47.62.
- Gonzalez, Don J., to American Air Filter Co., Inc. Filter frame handle construction. 2,771,154, 11-20-56, Cl. 183-49.
- Gonzalez, Luis. Automatic interrupter device for the electrical circuit in automobile vehicles in case of collision or over-turning of same. 2,770,689, 11-13-56, Cl. 200-61.52.
- Gooch, Frederic P., to I-T-E Circuit Breaker Co. Ring forming machine. 2,765,021, 10-2-56, Cl. 153-54.
- Good, Byron E.: *See*—Anderson, Thomas M., and Good. 2,744,435.
- Good, George E.: *See*—Johnson, Howard A. 2,729,014.
- Good, Lowell H., and F. L. Futzrath, to Radio Corp. of America. Sound recording and reproducing circuit for pictures. 2,756,277, 7-24-56, Cl. 179-100.2.
- Good, Myron L., to the United States of America as represented by the United States Atomic Energy Commission. Linear accelerator. 2,770,755, 11-13-56, Cl. 315-5.
- Good, Raymond J. Outlet boxes and fixture studs. 2,758,810, 8-14-56, Cl. 248-343.
- Goodale, Robert J., to Monsanto Chemical Co. Heat transfer, hydraulic and thermoregulator fluids. 2,741,598, 4-10-56, Cl. 252-78.
- Goodale, Edmund E., and R. M. Lichtenstein, to General Electric Co. Magnetic switch. 2,768,312, 10-23-56, Cl. 307-88.
- Goodale, Elmer D., to Radio Corp. of America. Color television camera. 2,734,938, 2-14-56, Cl. 178-5.4.
- Goodale, Elmer D., to Radio Corp. of America. Light intensity controlling optical system. 2,737,232, 7-31-56, Cl. 178-5.4.
- Goodale, Walter D., Jr.: *See*—Ains, Andrew J. Botsford, Boysen, Dietze, Goodale, and Inglis. 2,732,436.
- Goodall, Marcus C., to International Standard Electric Corp. Electron discharge apparatus. 2,752,523, 6-26-56, Cl. 315-3.5.
- Goodall, William M., to Bell Telephone Laboratories, Inc. Pulse code modulation coder. 2,733,410, 1-31-56, Cl. 332-11.
- Goodall, William M., to Bell Telephone Laboratories, Inc. Amplitude-sensitive multistate device. 2,773,981, 12-11-56, Cl. 150-27.
- Goodall, William A., and R. G. Pratt, to The National Cash Register Co. Label printing and issuing mechanism for cash registers. 2,730,038, 1-10-56, Cl. 101-69.
- Goode, Rexford F.: *See*—Jarema, Joseph M., and Goode. 2,768,324.
- Goode, W. B.: *See*—Thompson, Albert A. 2,767,626.
- Goodell, Mont E.: *See*—Cohen, Sidney O., Goodell, Hilton, Somerville, and Street. 2,764,984.
- Goedfried, Lewis S. Reverberation generator. 2,748,192, 5-29-56, Cl. 179-1.
- Goodgame, Thomas H.: *See*—Michel, Laurent P., and Goodgame. 2,771,344.
- Goodhue, Lyle D.: *See*—Tissot, Carolyn E., and Goodhue. 2,746,899.
- Goodhue, Lyle D., to Phillips Petroleum Co. Cumene hydroperoxide, insect repellent compositions and method. 2,768,928, 10-30-56, Cl. 167-30.
- Goodhue, Lyle D., to Phillips Petroleum Co. Soil conditioning. 2,770,921, 11-20-56, Cl. 47-58.
- Goodhue, Lyle D., and J. E. Mahan, to Phillips Petroleum Co. Pyrimidines as plant response substances. 2,735,225, 5-21-56, Cl. 47-37.5.
- Goodhue, William, to Alexander Smith, Inc. Apparatus for treating continuous strip material. 2,758,357, 8-14-56, Cl. 28-1.
- Goodhue, William V., and R. E. Morton, to Universal Winding Co. Automatic bobbin winding machine. 2,763,443, 9-18-56, Cl. 242-27.
- Goodhue, William V., and F. W. Higgins, to Universal Winding Co. Winding machine. 2,764,362, 9-25-56, Cl. 242-35.6.
- Goodhue, William V., and R. E. Morton, to Universal Winding Co. Replenishing means for looms. 2,766,779, 10-16-56, Cl. 139-247.
- Goodhue, William V., and C. J. Rohland, to Universal Winding Co. Tension-device. 2,772,840, 12-4-56, Cl. 242-128.
- Gooding, Pamela E., and A. H. McKeag. Luminescent silicates. 2,736,711, 2-28-56, Cl. 252-301.4.
- Goodl, William L. Pea harvester. 2,769,294, 11-6-56, Cl. 56-21.
- Goodliffe, Arthur W., and P. G. Proctor, to Flight Refueling Ltd. Resilient pipe-connector with multipart clamp. 2,731,280, 1-17-56, Cl. 285-129.
- Goodloe, Alfred M., to Metal Textile Corp. Dampening means for and supporting springs. 2,775,445, 12-25-56, Cl. 267-9.
- Goodman, Abe E.: *See*—Tyler, Edward P., and Goodman. 2,744,510.
- Goodman, Abraham H.: *See*—Gibson, Rossier, and Goodman. 2,739,896.
- Goodman, Chester W. Golf ball carrier. 2,757,698, 8-7-56, Cl. 150-1.5.
- Goodman, Clark: *See*—Dewan, John T., and Goodman. 2,735,019.
- Goodman, Clark, to Schlumberger Well Surveying Corp. Apparatus for logging the fluorescence and phosphorescence of earth formations traversed by a borehole. 2,769,914, 11-6-56, Cl. 250-71.
- Goodman, George F., Jr. Variable speed adjustable power feed. 2,751,069, 6-19-56, Cl. 203-260.
- Goodman, Gilbert, to General Electric Co. Ferroelectric ceramic composition and method of making same. 2,729,757, 1-3-56, Cl. 310-8.
- Goodman, Gilbert, to General Electric Co. Ferroelectric ceramic composition. 2,731,419, 1-17-56, Cl. 252-62.9.
- Goodman, Isaac, A. Lambert, J. F. Smith, and G. E. Williams, to Imperial Chemical Industries Ltd. Preservation of natural and synthetic rubber and rubber articles. 2,762,787, 9-11-56, Cl. 260-45.95.
- Goodman, Jacob, to Delamere Co., Inc. Hair clip. 2,773,505, 12-11-56, Cl. 132-46.
- Goodman, Leo M., Sr. Fire extinguisher closure operator with spoke and rim engaging means. 2,758,495, 8-14-56, Cl. 81-80.



- Goodman, Louis S. Medicinal composition containing diphenyl dihydoro or tetrahydroxyxaline-4-one and method of producing anticonvulsant activity. 2,744,852, 5-8-66, Cl. 167-65.
- Goodman Mfg. Co.: See—
- Anderschock, Chester W. 2,734,400.
- Anderson, Edward L., and Bodin. 2,757,918.
- Anderson, Edward L., and Hlinsky. 2,772,870.
- Bergmann, Ernst R. 2,761,550.
- Bergmann, Ernst R. 2,772,770.
- Biedess, Anthony R. 2,757,746.
- Brown, Clarence H. 2,753,167.
- Budd, Robert D. 2,764,872.
- Caine, Kenneth E. 2,772,871.
- Cartledge, Frank. 2,730,344.
- Cartledge, Frank. 2,736,542.
- Cartledge, Frank. 2,736,545.
- Cartledge, Frank. 2,743,002.
- Cartledge, Frank. 2,750,175.
- Cartledge, Frank. 2,750,176.
- Cartledge, Frank. 2,750,197.
- Cartledge, Frank. 2,754,100.
- Cartledge, Frank. 2,757,917.
- Cartledge, Frank. 2,765,156.
- Cartledge, Frank, and Lindgren. 2,734,731.
- Cartledge, Frank, and Sussman. 2,743,093.
- Craggs, Joseph, and McCann. 2,773,257.
- Driebehaus, Herman W. 2,766,851.
- Eckley, William A. 2,747,418.
- Enyart, Roy B. 2,742,864.
- Evans, Nolan B., Hlinsky, and Ogden. 2,765,155.
- Gonski, Joseph. 2,736,542.
- Hagenbook, Loy D. 2,757,809.
- Hagenbook, Loy D. 2,757,950.
- Hagenbook, Loy D. 2,770,319.
- Kraft, Robert H. 2,745,652.
- Kraft, Robert H., and Lindquist. 2,754,102.
- Lindberg, Richard C. 2,750,177.
- Lindgren, Frank A. 2,745,654.
- Lindgren, Frank A. 2,750,153.
- Madeira, John R. 2,753,981.
- McCallum, Robert A. 2,736,422.
- McCallum, Robert A. 2,745,506.
- McCallum, Robert A. 2,750,178.
- McCallum, Robert A. 2,750,180.
- McCallum, Robert A. 2,764,897.
- McCallum, Robert A. 2,770,877.
- McCarthy, Timothy F. 2,770,378.
- Miller, Frederick B. 2,754,804.
- Miller, Frederick B. 2,764,903.
- Miller, Frederick B. 2,770,353.
- Miller, Frederick B. 2,770,448.
- Miller, Frederick B. 2,771,272.
- Robbins, James S. 2,738,093.
- Robbins, James S. 2,745,648.
- Robbins, James S. 2,745,649.
- Robbins, James S. 2,766,976.
- Robbins, James S. 2,766,977.
- Robbins, James S. 2,767,978.
- Sloane, William W. 2,730,342.
- Sloane, William W. 2,730,343.
- Sloane, William W. 2,730,345.
- Sloane, William W. 2,734,688.
- Sloane, William W. 2,750,551.
- Sloane, William W. 2,764,927.
- Slomer, Joseph J. 2,736,543.
- Slomer, Joseph J. 2,745,430.
- Slomer, Joseph J. 2,749,707.
- Slomer, Joseph J. 2,749,769.
- Slomer, Joseph J. 2,764,870.
- Smith, Herman E. 2,743,096.
- Smith, Herman E. 2,745,650.
- Stoltz, Charles E. 2,745,646.
- Tracy, Benjamin F. 2,734,732.
- Tracy, Benjamin F. 2,754,099.
- Tracy, Benjamin F. 2,762,869.
- Wilms, Carl A. 2,734,733.
- Wilms, Carl A. 2,765,154.
- Goodman, Morris. Golf club attachment. 2,739,331, 3-27-56, Cl. 15-184.
- Goodman, Morris. Folding garment hanger. 2,745,579, 5-15-66, Cl. 22-94.
- Goodman, Robert. Davenport. 2,771,614, 11-27-56, Cl. 5-13.
- Goodman, William D. Pivoted rod joint. 2,735,703, 2-21-56, Cl. 287-99.
- Goodrich, B. F., Co., The: See—
- Ardis, Alan E. 2,774,783.
- Brockway, Charles E. 2,741,800.
- Brockway, Charles E. 2,753,319.
- Clark, Eugene F., and Little. 2,759,344.
- Connell, Balfour Y. 2,765,018.
- Duff, Charles L. 2,753,593.
- Garver, Richard F. 2,751,980.
- Gilbert, Harry, and Miller. 2,740,769.
- Gilbert, Harry, and Miller. 2,740,770.
- Gilbert, Harry, and Miller. 2,743,814.
- Gill, Ray H. 2,763,314.
- Hasselquist, Victor H. 2,767,769.
- Herzegg, Frank. 2,737,237.
- Herzegg, Frank. 2,770,882.
- Herzegg, Frank, Wucher, and Strong. 2,769,476.
- Jansen, Jacob E., and Roha. 2,759,003.
- Juve, Arthur E., and Beatty. 2,768,068.
- Goodrich, B. F., Co., The: See—Continued
- Keller, Russell J. 2,762,737.
- Krupp, Carroll F., and Sabo. 2,756,458.
- Kuts, Mathew. 2,732,882.
- Kuts, Mathew. 2,762,431.
- La Rue, Albert M. 2,743,890.
- L'Hollier, Leslie H. 2,728,999.
- L'Hollier, Leslie H., and Riley. 2,761,159.
- Lombardi, Michael W. 2,734,239.
- Luke, Marvin B. 2,741,693.
- Metzger, Herbert G., and Held. 2,759,016.
- Mitchell, George R., and Sherwood. 2,744,099.
- Morrissey, Richard T., and Frederick. 2,732,354.
- Orr, Marcus O. 2,744,847.
- Owen, Harold F. 2,742,942.
- Parks, Clarence E., and Jennings. 2,753,322.
- Riley, Chester A., and Whittemora. 2,742,389.
- Sachara, Eugene F. 2,745,869.
- Schanz, George H. 2,757,710.
- Schollenberger, Charles S. 2,770,612.
- Schultz, Abner L., and Bloor. 2,767,115.
- Semegen, Stephen T. 2,730,159.
- Sprague, George R., and Scantlebury. 2,737,503.
- Stewart, William D., and Hoertz. 2,768,958.
- Talalay, Anselm, and Barton. 2,755,215.
- Talalay, Joseph A. 2,731,669.
- Talalay, Leon and J. A. and Bush. 2,758,980.
- Vesce, Vincent C. 2,772,982.
- Vesce, Vincent C. 2,773,044.
- West, Michael J. 2,757,708.
- Westfahl, Jerome C. 2,774,781.
- Whisman, Hyman L. 2,759,253.
- Wolf, Robert J., and Score. 2,765,507.
- Yoho, John R., and Strong. 2,754,878.
- Goodrich, Hunter C., to Radio Corp. of America. Band-pass amplifier systems. 2,729,708, 1-3-56, Cl. 179-171.
- Goodrich, Hunter C., to Radio Corp. of America. Electron beam convergence apparatus. 2,742,589, 4-17-56, Cl. 315-13.
- Goodrich, Hunter C., to Radio Corp. of America. Selectivity control circuit. 2,750,452, 6-12-56, Cl. 179-171.
- Goodrich, Hunter C., to Radio Corp. of America. Amplifier gain control. 2,752,431, 6-26-56, Cl. 179-171.
- Goodrich, Hunter C., to Radio Corp. of America. Transistor bias circuit with stabilization. 2,762,873, 9-11-56, Cl. 179-171.
- Goodrich, John J., and R. C. Roetger, to St. Regis Paper Co. Conveyor means having pusher fingers raisable at selectable intervals. 2,769,528, 11-6-56, Cl. 198-170.
- Goodrich, Robert R.: See—
- Forgue, Stanley V., and Goodrich. 2,745,032.
- Goodrich, Ross H., to Joy Mfg. Co. Auger drill head. 2,749,102, 6-5-56, Cl. 262-9.
- Goodrich, Ross H., and J. W. Shoulders, to Joy Mfg. Co. Mining auger drill head. 2,749,101, 6-5-56, Cl. 262-7.
- Goodridge, Laurence M.: See—
- Mann, Bertram H., and Goodridge. 2,763,250.
- Goodridge, Laurence M., to Carter Carburetor Corp. Two-stage manifold and carburetor. 2,733,695, 2-7-56, Cl. 123-52.
- Goodridge, Laurence M., to Carter Carburetor Corp. Vacuum motor electric booster. 2,748,561, 6-5-56, Cl. 60-6.
- Goodrie, Joseph J., to Wrightway Engineering Co. Vacuum breaker. 2,738,798, 3-20-56, Cl. 137-216.
- Goodrie, Joseph J., to Wrightway Engineering Co. Fluid mixing device. 2,738,962, 3-20-56, Cl. 261-18.
- Goodrie, Joseph J., to Wrightway Engineering Co. Aerator with horizontal discs. 2,738,963, 3-20-56, Cl. 261-76.
- Goodrie, Joseph J., to Wrightway Engineering Co. Aerating device. 2,761,682, 9-4-56, Cl. 261-76.
- Goodville, John E., to Beloit Iron Works. Winder machine. 2,733,019, 1-31-56, Cl. 242-66.
- Goodwin, Edwin W.: See—
- Bach, Emmon, and Goodwin. 2,749,967.
- Bach, Emmon, Goodwin, and Raunecker. 2,747,869.
- Goodwin, Ernest G., to Unitcast Corp. Counterbalanced end doors for drop end gondola cars. 2,769,406, 11-6-56, Cl. 105-406.
- Goodwin, Fred W. Brazier. 2,740,395, 4-3-56, Cl. 126-25.
- Goodwin, Fred W. Portable brazier. 2,747,567, 5-29-56, Cl. 126-25.
- Goodwin, Herman B., to Burton-Rodgers Inc. Two temperature portable refrigerator. 2,768,505, 10-30-56, Cl. 62-2.
- Goodwin, John S., to Globe Oil Tools Co. Milling machine for operating upon metal blanks. 2,734,427, 2-14-56, Cl. 90-11.62.
- Goodwin, Norris, to Centrifig Corp. Continuous centrifugal jig separator. 2,743,515, 3-1-56, Cl. 209-211.
- Goodwin, Norris, to Centrifig Corp. Method for mineral separation. 2,765,075, 10-2-56, Cl. 209-40.
- Goodwin, Richard M., to General Motors Corp. Commutator assembling machine. 2,729,882, 1-10-56, Cl. 29-205.
- Goodwin, Richard M., to General Motors Corp. Dynamo brush machine. 2,768,480, 10-30-56, Cl. 51-118.
- Goodwin, Roland D. Combination awning and shutter for window opening. 2,770,852, 11-20-56, Cl. 20-57.5.
- Goodwin, Vernon, Jr., to D. L. Evans. Medicine locker. 2,759,782, 8-21-56, Cl. 312-291.
- Goodwyn, Robert C. Window blinds. 2,742,681, 4-24-56, Cl. 20-62.

- Goodyear Aircraft Corp.: See—  
 Baum, Richard V. 2,773,641.  
 Gero, Doane R. 2,733,027.  
 Hillegass, Kenneth P. 2,756,848.  
 Langworthy, Richard E. 2,749,036.  
 Ross, Robert S. 2,730,514.  
 Wolf, Edward. 2,739,516.
- Goodyear Tire & Rubber Co., The: See—  
 Anderson, Malcolm G. 2,734,568.  
 Anderson, Malcolm G. 2,764,220.  
 Andresen, Gilbert J. C. 2,744,258.  
 Armstrong, Edward T. 2,764,371.  
 Baird, Roy W., and Snyder. 2,764,372.  
 Bender, Edward E., Gates, and Phane. 2,736,356.  
 Boytim, John E., and Jonard. 2,747,408.  
 Bricker, Carl E. 2,743,790.  
 Bricker, Carl E. 2,764,263.  
 Bruce, William L. 2,736,628.  
 Campbell, William H. 2,756,797.  
 Carson, Clarence M. 2,772,172.  
 Chamberlain, Richard K., and Olivo. 2,756,844.  
 Clifford, Albert M., Waisbroit, and Gates. 2,764,599.  
 Clifford, Richard P., and Gehman. 2,756,590.  
 Cook, Albert W. 2,734,778.  
 Cook, Albert W. 2,734,780.  
 Costick, Andrew J., and Jones. 2,734,227.  
 Cousins, Edward, and Jeffries. 2,772,249.  
 Curi, Mark I. 2,753,475.  
 Curi, Mark I., and H. H. Martse. 2,753,017.  
 Eubank, Robert S. 2,764,018.  
 Ferner, George W. 2,743,482.  
 Finelli, Anthony F. 2,748,159.  
 Gates, George H., and Osterhoff. 2,763,897.  
 George, Everett D. 2,747,650.  
 Haase, Jorgen L. 2,747,650.  
 Hardman, Albert F. 2,757,174.  
 Hardman, Albert F. 2,772,278.  
 Harper, Donald E., and Geisinger. 2,772,056.  
 Kamlet, Jonas. 2,734,798.  
 Kilbourn, Karl B., and Sulf. 2,740,459.  
 Knill, Robert B., and Hoessly. 2,752,979.  
 Leshin, Richard. 2,772,279.  
 Lintala, Donald E., and Lindstedt. 2,753,324.  
 Mauney, Paul, and Ford. 2,743,510.  
 Miller, Charles H. 2,752,635.  
 Pace, Henry A. 2,740,743.  
 Pace, Henry A. 2,744,042.  
 Pace, Henry A. 2,764,516.  
 Palko, Andrew J., and Shively. 2,756,798.  
 Phane, Walter J. 2,753,019.  
 Pose, Valentin C., and Jawry. 2,756,847.  
 Riggs, Mart B. 2,752,980.  
 Riggs, Mart B. 2,752,996.  
 Riggs, Mart B. 2,756,800.  
 Roberts, Winston J. 2,744,075.  
 Rogers, Thomas H., Jr., D'Annunzio, and Pierson. 2,753,311.  
 Runner, John W. 2,740,743.  
 Seeger, Nelson V. 2,760,953.  
 Seeger, Nelson V., and Mastin. 2,733,261.  
 Seeger, Nelson V., and Mastin. 2,764,592.  
 Smith, Herbert D. 2,772,101.  
 Snyder, James E., and Swartz. 2,743,761.  
 Snyder, James E., and Swartz. 2,744,019.  
 Sullivan, John K. 2,729,619.  
 Sullivan, John K. 2,729,620.  
 Sullivan, John K. 2,740,768.  
 Taylor, William H. 2,757,273.  
 Thornton, Max H. 2,744,077.  
 Vaughan, Paul J. 2,740,742.  
 Vaughan, Paul J., and Hockett. 2,740,741.  
 Vernon, Roy E., and Hoessly. 2,752,981.
- Gookin, Sylvester L., to United Shoe Machinery Corp. Visual gages for eyeletting machine spacing adjustment. 2,729,356, 1-3-56, Cl. 218-17.2.
- Gookin, Sylvester L., to United Shoe Machinery Corp. Electric wire terminals. 2,748,368, 5-29-56, Cl. 339-276.
- Gookin, Sylvester L., to United Shoe Machinery Corp. Eyeletting machines and methods for wire terminal forming. 2,766,802, 7-31-56, Cl. 233-1.
- Goolsbee, Charles C.: See—  
 Noble, Wiley B., Evans, and Goolsbee. 2,737,170.  
 Gopert, Gote Y. M. Folding bed. 2,731,650, 1-24-56, Cl. 5-44.
- Goppel, Johan M., and S. H. Zonneveld, to Shell Development Co. Production of aromatic hydroperoxides. 2,734,086, 2-7-56, Cl. 260-610.
- Gora, Chester, to S. G. Taylor Chain Co. Machine for trimming chain links. 2,737,013, 3-6-56, Cl. 59-29.
- Gora, Henry Z., to The Gora-Lee Corp. Safety crown cap. 2,739,724, 3-27-56, Cl. 215-40.
- Gora, Henry Z., to Anchor Hocking Glass Corp. Molding machine. 2,745,135, 5-15-56, Cl. 18-5.
- Gora-Lee Corp., The: See—  
 Gora, Henry Z. 2,739,724.
- Gordo, Fred L., and J. G. Stinde. Belt sander. 2,744,362, 5-8-56, Cl. 51-135.
- Gordon, Aaron: See—  
 Gordon, Harry B., and A., and Abdelnour. 2,775,751.
- Gordon, Alexander, Jr., to General Precision Laboratory Inc. Depth sounder. 2,755,455, 7-17-56, Cl. 340-3.
- Gordon, Alexander, Jr., and I. A. Greenwood, Jr., to General Precision Laboratory Inc. Sequential inspection indicator. 2,768,784, 10-30-56, Cl. 235-61.
- Gordon, Alexander M., to M. L. Grant. Coin deliverer for fare-collecting apparatus. 2,766,762, 10-16-56, Cl. 133-3.
- Gordon, Alexander M., and H. B. Miller, to Max L. Grant. Fare collection apparatus. 2,750,106, 6-12-56, Cl. 232-44.
- Gordon, Anthony, to Ekco Products Co. Ice cream disher. 2,761,399, 9-1-56, Cl. 107-48.
- Gordon, Arthur. Eye bolt latching assembly and method of assembling. 2,752,187, 6-26-56, Cl. 292-256.75.
- Gordon, Arthur. Flow control means for separation apparatus. 2,759,557, 8-21-56, Cl. 182-9.
- Gordon, Arthur F., to Dow Corning Corp. Method of preparing chlorosilanes. 2,753,295, 7-17-56, Cl. 260-448.2.
- Gordon, Bernard M., to Sperry Rand Corp. Triggered standard signal generator. 2,768,292, 10-23-56, Cl. 250-27.
- Gordon, Carlton C.: See—  
 Littleton, Cato M., Jr., and Gordon. 2,740,727.
- Gordon, Carroll G., R. D. Wallace, and L. E. Berthelson, to North American Aviation Inc. Aircraft control system. 2,753,134, 7-3-56, Cl. 244-85.
- Gordon, Edward, to Flexible Carbon Products, Inc. Insect repellent device. 2,766,579, 10-9-56, Cl. 43-127.
- Gordon, Emanuel: See—  
 Gruber, Bernard A., Gordon, and Jermain. 2,735,668.
- Gordon, Garland R.: See—  
 Higgins, Alfred P., and Gordon. 2,738,823.  
 Higgins, Alfred P., and Gordon. 2,751,871.
- Gordon, Hamilton: See—  
 Prendergast, Charles S. 2,731,919.  
 Prendergast, Charles S. 2,754,762.
- Gordon, Harry B., and A., and E. C. Abdelnour. Mobile electrical alarm. 2,775,751, 12-25-56, Cl. 340-70.
- Gordon, Howard R., to Park Sherman Co. Perpetual calendar. 2,757,467, 8-5-56, Cl. 40-111.
- Gordon, James F. Pneumatic joint. 2,750,014, 6-12-56, Cl. 189-36.
- Gordon, James F., to Bendix Aviation Corp. Magnetic indicator-recorder system. 2,760,840, 8-28-56, Cl. 346-8.
- Gordon, James F., to Helipot Corp. Variable inductor. 2,750,020, 9-1-56, Cl. 336-110.
- Gordon, James M. Collapsible lug box. 2,755,955, 7-24-56, Cl. 220-6.
- Gordon, Janice T.: See—  
 Miller, Charles S., Engelhardt, and Gordon. 2,753,347.  
 Miller, Charles S., Engelhardt, and Gordon. 2,753,348.  
 Miller, Charles S., Engelhardt, and Gordon. 2,773,872.
- Gordon, Jewell M. Fruit receiving conveyor. 2,734,611, 2-14-56, Cl. 193-7.
- Gordon, John E.: See—  
 Song, John, and Gordon. 2,752,353.
- Gordon, John E., and F. B. Dorf, to American Cyanamid Co. Chlorination process. 2,766,250, 10-9-56, Cl. 260-294.9.
- Gordon, John N.: See—  
 Nowicki, Aloysius A., and Gordon. 2,747,542.
- Gordon, Lella: See—  
 Gordon, Max and L. 2,736,655.
- Gordon, Max and L. to Electronic Associates, Inc. Rectifier. 2,762,008, 9-4-56, Cl. 321-27.
- Gordon, Mack. Method of quenching metals. 2,770,564, 11-13-56, Cl. 148-131.
- Gordon, Max and L. Process for making apple syrup. 2,736,655, Cl. 99-142.
- Gordon, Melvin J., to M. J. and S. Z. Gordon, and N. G. Stone, d. b. a. Manchester Hosiery Mills. Ladies' hose construction. 2,768,385, 10-30-56, Cl. 2-239.
- Gordon, Melvin J., to M. J. and S. Z. Gordon, and N. G. Stone, d. b. a. Manchester Hosiery Mills. Display stands. 2,769,262, 11-6-56, Cl. 40-126.
- Gordon, Moses, and G. E. Thompson, to Standard Oil Co. Sweetening of thermally cracked naphthas with alkali phenolate oxygen and sulfur. 2,739,101, 3-20-56, Cl. 196-29.
- Gordon, Moses, and R. C. Mallatt, to Standard Oil Co. Two stage thermal naphtha sweetening process. 2,754,251, 7-10-56, Cl. 196-29.
- Gordon, Murray A., to Berkeley Industries. Garment hanger. 2,775,379, 12-25-56, Cl. 223-95.
- Gordon, Ralph R. Machine tool attachment. 2,730,230, 1-3-56, Cl. 203-139.
- Gordon, Reuben. Vacuum cleaner scenting attachment. 2,759,228, 8-21-56, Cl. 21-127.
- Gordon, Reuben, and H. Hait. Carriage wheel cleaning device. 2,740,643, 4-3-56, Cl. 280-153.
- Gordon, Richard A. Trimming and method of making same. 2,730,724, 1-1-56, Cl. 2-273.
- Gordon, Richard A. Nylon trimming with a securing member thereon impregnated with a polyvinyl resin coupled to an acid radical. 2,769,740, 11-6-56, Cl. 154-46.
- Gordon, Robert, to Graphicolor, Inc. Fire extinguisher device. 2,731,091, 6-16-56, Cl. 169-35.
- Gordon, Robert B.: See—  
 Thomas, Donald E., Goldman, Gordon, and Johnson. 2,772,964.
- Gordon, Robert B., and E. F. Losco, to Westinghouse Electric Corp. Ingot molds provided with a hot-top. 2,759,230, 8-21-56, Cl. 22-139.
- Gordon, Robert N.  $\frac{1}{2}$  to M. Boyar. Fuel feeding apparatus for internal combustion engines. 2,764,139, 9-25-56, Cl. 123-32.
- Gordon, Sadye Z.: See—  
 Gordon, Melvin J. 2,768,385.  
 Gordon, Melvin J. 2,769,262.
- Gordon, Samuel: See—  
 Hutchings, Brian L., and Gordon. 2,757,178.



- Gordon, Thomas J. Cutting device for workpieces having an arcuate surface. 2,756,552, 7-31-56, Cl. 51-241.
- Gordon, William J. J. : *See*—  
 Davison, Robert T. T., Gordon, and Marden. 2,743,746.
- Gore, Ernest M., to Radio Corp. of America. Synchronizing apparatus. 2,753,396, 7-3-56, Cl. 178-69.5.
- Gore, Linn A. : *See*—  
 Givargy, John J., Gore, Augenstein, and Randels. 2,738,015.
- Gore, Warren J., to Bendix Aviation Corp. Electric probe. 2,736,784, 2-28-56, Cl. 201-63.
- Goren, Mayer B. : *See*—  
 Schonwald, Milton H. 2,732,024.
- Goren, Mayer B., to Kerr-McGee Oil Industries, Inc. Cation exchange materials and their preparation. 2,748,057, 5-29-56, Cl. 196-22.
- Gorenflo, Wilfred J. Support for fishing rod. 2,749,067, 6-5-56, Cl. 248-42.
- Gorey, Charles E., to National Steel Corp. Nail-receiving beams. 2,747,704, 5-29-56, Cl. 189-37.
- Gorham, George, to Scopicon, Inc. Safety device for electric lamp housing. 2,743,351, 4-24-56, Cl. 240-2.
- Gorham, George, and I. Grageroff. Safety device for gas burning appliances. 2,729,221, 1-3-56, Cl. 137-76.
- Gorham, George, and A. Ferrari, Jr., to Scopicon, Inc. Unitary microscope-support and lamp. 2,730,923, 1-17-56, Cl. 88-40.
- Gorin, Everett, to Socony Mobil Oil Co., Inc. Hydrocarbon separation. 2,759,915, 8-21-56, Cl. 260-96.5.
- Gorin, Everett, to Socony Mobil Oil Co., Inc. Urea-nitrile complex. 2,759,916, 8-21-56, Cl. 260-96.5.
- Gorin, Everett, to Socony Mobil Oil Co., Inc. Separation of hydrocarbons and hydrocarbon derivatives having different degrees of carbon-carbon unsaturation. 2,759,918, 8-21-56, Cl. 260-96.5.
- Gorin, Everett, to Socony Mobil Oil Co., Inc. Crystalline compounds of urea and straight chain alkyl monohalides. 2,759,919, 8-21-56, Cl. 260-96.5.
- Gorin, Manuel H. : *See*—  
 Rosentien, Ludwig, and Gorin. 2,746,884.
- Gorin, Manuel H., and L. Rosenstein. Cyclic urea-adduct. 2,750,361, 4-12-56, Cl. 260-96.5.
- Gorin, Manuel H., and L. Rosenstein. Method of preparing expanded urea. 2,773,858, 12-11-56, Cl. 260-96.5.
- Gorin, Manuel H., and L. Rosenstein. Process for treating hydrocarbons with thiourea. 2,774,752, 12-18-56, Cl. 196-5.
- Goring, Dudley J. Combined awning and shutter. 2,756,814, 7-31-56, Cl. 160-62.
- Goris, Johan R. H., to Stamicarbon N. V. Process for the preparation of phenol. 2,735,873, 2-21-56, Cl. 260-628.
- Gorkowski, Edward W. : *See*—  
 Miller, Sidney A., and Gorkowski. 2,751,640.
- Gorman Francis Corp. : *See*—  
 Francis, Geoffrey. 2,742,164.
- Gorman-Rupp Co., The : *See*—  
 Rupp, Herbert E. 2,755,748.
- Gormerue Establishment : *See*—  
 Burgsmüller, Karl H. 2,739,510.
- Gormley, Frederick : *See*—  
 West, James R., and Gormley. 2,772,153.
- Gormley, Patrick. Window scaffold. 2,736,615, 2-28-56, Cl. 304-27.
- Gornowski, Edward J. : *See*—  
 Feldhaus, George F., and Gornowski. 2,763,596.
- Gornowski, Edward J., and Gornowski. 2,766,311.
- Nelson, Karl J., and Gornowski. 2,729,552.
- Gornowski, Edward J., and W. C. Rich, Jr., to Esso Research and Engineering Co. Fluid hydroforming of hydrocarbons with catalyst regeneration. 2,751,352, 6-19-56, Cl. 196-50.
- Gorr, Walter O., Caliper. 2,768,446, 10-30-56, Cl. 33-148.
- Gorrie, Harvard H. : *See*—  
 Dickey, Paul S., Weaver, Gorrie, and Shannon. 2,729,222.
- Gorrie, Harvard H., to Bailey Meter Co. Fluid pressure control systems. 2,737,971, 1-10-56, Cl. 284-1.
- Gorrie, Harvard H., to Bailey Meter Co. Panel support structures. 2,756,369, 7-24-56, Cl. 317-122.
- Gorrie, Harvard H., and J. F. Shannon, to Bailey Meter Co. Control systems. 2,737,963, 3-13-56, Cl. 137-85.
- Gorski, Alexander A., to Philco Corp. Blocking oscillator circuit. 2,743,287, 5-29-56, Cl. 250-36.
- Gorsline, Fred C. : *See*—  
 Raab, Edward L., and Gorsline. 2,784,926.
- Gorter, Evert W. : *See*—  
 Went, Jan J., Van Oosterhout, and Gorter. 2,762,777.
- Gorter, Evert W., to Hartford National Bank and Trust Co., trustee. Magnetic material. 2,751,353, 6-19-56, Cl. 252-62.5.
- Gorter, Evert W., G. W. Rathenau, and A. L. Stuyts, to Hartford National Bank and Trust Co., as trustee. Method of making magnetically-anisotropic permanent magnets. 2,762,778, 9-11-56, Cl. 252-62.5.
- Gorton, Bert S., and R. L. Williams, to Monsanto Chemical Co. Process for the production of 2,4-diamino-6-chloro-s-triazine. 2,770,622, 11-13-56, Cl. 260-249.8.
- Gorton, George, Machine Co. : *See*—  
 Henkes, Peter M. 2,736,241.
- McNamee, Wallace J., and Adelt. 2,749,595.
- Gorwitz, Sam. Disc for film slides. 2,773,323, 12-11-56, Cl. 40-70.
- Goshaw, Irl R. : *See*—  
 Davison, Frank D. 2,769,620.
- Goshaw, Irl R., to Radio Corp. of America. Magnetic film erasing method and system. 2,756,278, 7-24-56, Cl. 17-100.
- Goshorn, Roland H., and W. W. Levis, Jr., to The Pennsylvania Salt Mfg. Co. Rubber vulcanization. 2,766,223, 10-9-56, Cl. 260-79.5.
- Goslin-Birmingham Mfg. Co. : *See*—  
 Mair, James. 2,744,571.
- Mair, James. 2,765,571.
- Goslin, Robert A. : *See*—  
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- Goss, Carlton B. : *See*—  
 Wagner, Robert, Fagin, and Goss. 2,768,340.
- Goss, Clinton G. : *See*—  
 Bell, Persa R., Kelley, and Goss. 2,775,698.
- Goss, Frank A., Jr., to Bell Telephone Laboratories, Inc. Electrical control. 2,734,975, 2-14-56, Cl. 201-48.
- Goss, George A. : *See*—  
 Melcher, Robert J. 2,755,331.
- Melcher, Robert J. 2,762,023.
- Goss, Harold J., to International Paper Box Machine Co. Diaphragm pump. 2,753,804, 7-10-56, Cl. 103-44.
- Goss, Harold J., to The International Paper Box Machine Co. Suction stripping and stacking apparatus. 2,774,287, 12-18-56, Cl. 93-51.
- Goss, Harry E. Inside pipe cutter. 2,731,718, 1-24-56, Cl. 30-107.
- Goss, Herbert C. Protective hood for exteriorly mounted meters and tanks. 2,737,754, 3-13-56, Cl. 45-68.
- Goss, Norman P. Porous mold for the continuous casting of metals. 2,747,244, 5-29-56, Cl. 22-57.2.
- Goss Printing Press Co., The : *See*—  
 Chase, Corson W. 2,732,798.
- Chase, Corson W. 2,754,753.
- Chase, Corson W. 2,774,299.
- Chase, Corson W. 2,774,313.
- Crafts, Curtis, 2,733,061.
- Knowles, Dennis H. 2,743,882.
- McWhorter, Henry L. 2,743,880.
- McWhorter, Henry L. 2,743,881.
- McWhorter, Henry L. 2,763,207.
- Goss, William A., to General Electric Co. Circuit for vehicle refrigeration. 2,740,904, 4-3-56, Cl. 307-64.
- Goss, Wilbur H., and D. A. Washburn, to the United States of America as represented by the Secretary of the Navy. Rocket type launching carriage for ordnance missile. 2,748,703, 6-5-56, Cl. 102-19.
- Goss, Wilbur A., to Detroit Harvester Co. Tractor with power take-off driven implement supported from the axle thereof. 2,732,023, 1-24-56, Cl. 180-53.
- Gosselin, Harry E. Toy bank. 2,729,390, 1-3-56, Cl. 232-4.
- Gosselin, Wilfrid J., to U. S. Bobbin & Shuttle Co. Yarn tension and trap for use in self-threading weaving shuttles. 2,731,043, 1-17-56, Cl. 139-217.
- Gosselin, Norman R. Shield device for an automobile convertible top. 2,746,791, 5-22-56, Cl. 296-107.
- Gossen, P., & Co., G. m. b. H. : *See*—  
 Dreyer, Helmut, and Boller. 2,747,161.
- Gossen, Robert W., to Deering Milliken Research Corp. Drawing roll cleaner. 2,741,803, 4-17-56, Cl. 19-139.
- Gossett, Corrine E. : *See*—  
 Gossett, John R. 2,769,982.
- Gossett, Fred C., to Don Baxter, Inc. Apparatus for forming, filling, and sealing plastic containers. 2,761,264, 9-4-56, Cl. 45-180.
- Gossett, John R., to C. E. Gossett. Portable miniature urinal. 2,769,982, 11-13-56, Cl. 4-110.
- Gosner, Louis E., to Treg, Inc. Double slide fastener sealing closures. 2,753,609, 7-10-56, Cl. 24-205.1.
- Gosswiller, Earl W., to Federal Sign and Signal Corp. Signal lamp. 2,740,103, 3-27-56, Cl. 340-50.
- Gotautas, Anton : *See*—  
 Janonis, George, and Gotautas. 2,732,954.
- Gotlib, Milton H., 33 $\frac{1}{4}$ % to E. W. Smith, and 33 $\frac{1}{4}$ % to R. Hayes. Automatic thawing device. 2,745,258, 5-15-56, Cl. 88-78.
- Gottfried, John, to National Rejectors, Inc. Coin separators. 2,768,727, 10-30-56, Cl. 194-102.
- Gottfried, Louis : *See*—  
 Berger, Jacob. 2,752,929.
- Gottfried, Louis,  $\frac{3}{4}$  to J. Berger. Combined brush and soap holder. 2,767,808, 8-29-56, Cl. 15-122.
- Gottfried, Paul, to Chambers Corp. Cooking vessel. 2,764,974, 10-2-56, Cl. 126-390.
- Gottfried, Robert E. : *See*—  
 Del Riccio, Lorenzo, Skeirik, Gottfried, and Hoffmann. 2,769,024.
- Hoffmann, Allan D., and Gottfried. 2,769,025.
- Loew, David L., Leserman, Del Riccio, and Gottfried. 2,769,023.
- Gottfried, Robert E., to International Telemeter Corp. Pulse responsive control apparatus in coin demand selling system. 2,731,620, 1-17-56, Cl. 340-147.
- Gottfried, Robert E., A. D. Hoffmann, and R. M. Skeirik, to International Telemeter Corp. Prepaid entertainment distribution system. 2,769,026, 10-30-56, Cl. 178-5.1.
- Gottfrucht, Adolph, to L-O-F Glass Fibers Co. Product for treating glass fibers for improving the adhesion of resins thereto. 2,763,629, 9-18-56, Cl. 260-29.2.
- Gotthart, Fred. Syringes. 2,771,880, 11-27-56, Cl. 128-218.
- Gottier, Thomas L., to the United States of America as represented by the Secretary of the Air Force. Magnetron keying circuit. 2,750,503, 6-12-56, Cl. 250-36.

- Gottlieb, David, and H. E. Carter, to The Upjohn Co. Endomycin and process for its production. 2,746,902, 5-22-56, Cl. 167-65.
- Gottlieb, Ellis J. *See*—
- Edwards, John M., and Gottlieb. 2,743,099.
- Gottsch, Frank, to Johns-Manville Corp. Apparatus for testing fabricated products. 2,760,374, 8-28-56, Cl. 73-437.
- Gottschalk, Robert. Moving picture viewer. 2,762,256, 9-11-56, Cl. 88-18.4.
- Gottschalk, Robert,  $\frac{3}{4}$  to C. J. Davis. Apparatus for viewing motion picture film. 2,763,178, 9-18-56, Cl. 88-18.4.
- Gottschalk, Herbert A. *See*—
- Coler, Myron A., and Gottschalk. 2,769,794.
- Gottschalk, Herbert A., to M. A. Coler. Electric transducer. 2,751,475, 6-19-56, Cl. 201-62.
- Gottschall, Paul P., to United States Steel Corp. Strip width gauge. 2,750,006, 1-10-56, Cl. 88-14.
- Gottsching, Arthur, deceased, by L. A. Hicks, administratrix, to L. A. Hicks. Apparatus for printing multicolored prints from single impressions. 2,733,656, 2-7-56, Cl. 101-175.
- Gottscho, Adolph, Inc. *See*—
- Alessi, Andrew J., Jr. 2,763,206.
- Alessi, Andrew J., Jr., Gottscho, and Hirschey. 2,746,389.
- Gottscho, Ira S. 2,737,388.
- Gottscho, Ira S. 2,746,380.
- Hirschey, Malcolm. 2,775,192.
- Hirschey, Malcolm, and Alessi. 2,761,379.
- Hoagland, Willard L. 2,761,545.
- Gottscho, Alfred M. *See*—
- Frankenburg, Walter G., and Gottscho. 2,747,583.
- Gottscho, Ira S. *See*—
- Alessi, Andrew J., Jr., Gottscho, and Hirschey. 2,746,389.
- Gottscho, Ira S., to Adolph Gottscho, Inc. Feeding mechanism for marking machines. 2,737,388, 3-6-56, Cl. 271-35.
- Gottscho, Ira S., to Adolph Gottscho, Inc. Marking devices. 2,746,380, 3-6-56, Cl. 101-35.
- Gottshall, Ralph E., and R. T. Kern, Jr., to Gulf Oil Corp. Partial fatty acid esters of alkoil aldehydes and a dimeric acid, as corrosion inhibitors. 2,767,144, 10-16-56, Cl. 252-57.
- Gütze, Fritz P. Device for making tools with shank and spiral cutting groove. 2,740,042, 9-25-56, Cl. 76-5.
- Goubau, Georg J. E., to the United States of America as represented by the Secretary of the Army. Antenna. 2,754,513, 7-10-56, Cl. 343-761.
- Goukenour, Robert L. *See*—
- Anderson, Jack C., and Goukenour. 2,755,907.
- Goudy, Carl T. Smoke stack cover. 2,771,834, 11-27-56, Cl. 98-59.
- Goudy, Paul R., and J. J. Gribble, to Square D Co. Enclosure for an electric switch. 2,759,054, 8-14-56, Cl. 200-50.
- Gouze, Arthur, to Saunders-Roe Ltd. Retractable floats for aircraft. 2,753,135, 7-3-56, Cl. 244-106.
- Gough, Boyd C. Sign holding and attaching clamps. 2,752,709, 7-3-56, Cl. 40-125.
- Gough, Dolores M., to White Sewing Machine Corp. Method of making button buttonholes. 2,767,673, 10-23-56, Cl. 112-264.
- Gougler, C. Machine Co., The *See*—
- Miller, Edward M. 2,756,582.
- Gouirand, Rene. Pneumatic suspension devices for vehicles. 2,747,862, 5-29-56, Cl. 267-65.
- Gouirand, Rene. Pneumatic suspension for vehicles. 2,762,633, 9-11-56, Cl. 280-124.
- Gouirand, Rene. Pneumatic suspension for tandem axle. 2,767,999, 10-23-56, Cl. 280-104.5.
- Goul, Ralph E. Crele coaster brake and reverse drive. 2,764,270, 9-25-56, Cl. 192-6.
- Gould, Georges *See*—
- Proust, Jacques, and Boulard. 2,737,991.
- Gould, Byron E., to The Murray Corp. of America. Laundering device. 2,757,530, 8-7-56, Cl. 68-22.
- Gould, David H. *See*—
- Hershberg, Emanuel B., and Gould. 2,774,714.
- Gould, David H., to Schering Corp. Process for producing 3,4-dio keto steroids from 16-substituted-20-keto steroids. 2,752,370, 6-26-56, Cl. 260-397.4.
- Gould, David H., E. B. Hershberg, and T. Clayton, to Schering Corp. Process for the recovery of saponins and saponinogens from vegetable matter. 2,774,713, 12-18-56, Cl. 135-32.
- Gould Engineering and Sales Co., Inc. *See*—
- Jones, Charles H., Jr. 2,772,586.
- Jones, Charles H., Jr. 2,772,670.
- Gould & Everhardt, Inc. *See*—
- Van Acker, Joseph E. 2,737,854.
- Gould, Harry E. Memorandum pad binders. 2,741,495, 4-10-56, Cl. 281-19.
- Gould, Herbert R., and R. I. Hamilton, to General Electric Co. Cast structure for induction device. 2,731,607, 1-17-56, Cl. 336-96.
- Goid, Herbert R., and A. Schevchuk, to General Electric Co. Magnetic core. 2,734,176, 2-7-56, Cl. 336-165.
- Gould, Jack R., to Reaction Motors, Inc. B-aminobenzazole compounds and their preparation. 2,754,177, 7-10-56, Cl. 23-190.
- Gould, Jack R., to Reaction Motors, Inc. Quaternary piperidinium borohydrides and their preparation. 2,765,312, 10-2-56, Cl. 260-293.
- Gould, James C. *See*—
- Gallatin, Victor, and Gould. 2,760,860.
- Gould, Jay P. Apparatus for handling a fitting under pressure. 2,744,310, 5-8-56, Cl. 29-213.
- Gould, Jay P. E. Adapter for handling fluid under high pressure. 2,752,228, 6-26-56, Cl. 73-422.
- Gould, John B. Focusing magnet systems for cathode ray tubes. 2,749,486, 6-8-56, Cl. 317-200.
- Gould, John H., to United States of America as represented by the Secretary of Commerce. Polarimeter. 2,731,875, 1-24-56, Cl. 88-14.
- Gould, Joseph C. Shoe Jack. 2,757,395, 8-7-56, Cl. 12-123.
- Gould, Marcus A., and E. L. Aronson. Beverage vending machine. 2,729,376, 1-3-56, Cl. 226-46.3.
- Gould, Merle L. *See*—
- Drummond, Virgil D., Gould, and Katzen. 2,752,363.
- Gould-National Batteries, Inc. *See*—
- Maybach, Gerald E. 2,759,465.
- Merritt, Clyde D. 2,751,648.
- Thompson, Niles J. 2,771,101.
- Goulding, Charles E., Sr. Open flame heating unit with combustion air preheating means. 2,733,705, 2-7-56, Cl. 126-127.
- Goulding, Edward *See*—
- Becker, Frederick G. L. 2,730,426.
- Becker, Frederick G. L. 2,769,710.
- Goulding, Frederick S., to The National Research Development Corp. Means for measuring time intervals. 2,740,091, 3-27-56, Cl. 324-68.
- Goulding, Frederick S., and C. H. Tossville, to The Mullard Radio Valve Co. Cold-cathode valve circuit. 2,768,330, 10-23-56, Cl. 315-168.
- Gouldsmith, Noel H., Jr. Center punching assembly. 2,730,811, 1-17-56, Cl. 33-189.
- Goumaz, James E. Pencil lead pointer. 2,767,686, 10-23-56, Cl. 271-35.
- Gouner, Aubrey L., to Wemby, Inc. Paneled necktie and method of manufacture. 2,728,917, 1-3-56, Cl. 2-146.
- Gourdon, Robert, to Societe Anonyme dite: Centre d'Etudes M. B. A. (Mecanique Ballistique, Armement). Portable indicating indicators and settable indicators therefor. 2,751,090, 6-19-56, Cl. 214-11.
- Gourdon, Robert, to Societe Anonyme dite: Centre d'Etudes M. B. A. (Mecanique Ballistique, Armement). Coding, decoding, and code sensing mechanisms for sorting apparatus. 2,751,092, 6-19-56, Cl. 214-11.
- Gourdeux, Joseph E., to Avertisseurs Rouliers Silencieux. Pass-signal device for road vehicles. 2,771,594, 11-20-56, Cl. 340-34.
- Gourevitch, Alexander *See*—
- Lein, Joseph, and Gourevitch. 2,739,924.
- Gourley, Fred. Nursing bottle holder. 2,733,883, 2-7-56, Cl. 148-105.
- Gourley, Joseph E. and L. M. Nursing bottle holder. 2,746,702, 5-22-56, Cl. 248-105.
- Gourley, Laura M. *See*—
- Gourley, Joseph E. and L. M. 2,746,702.
- Gouverneur, Minor E. H., II, Illinois Tool Works. Thread cutting screw with frangible shank. 2,740,315, 4-3-56, Cl. 85-47.
- Govatos, Charles A., to Polaroid Corp. Applicator device for applying liquid coating to photographic prints. 2,768,403, 10-30-56, Cl. 15-210.
- Gove, Emanuel C. Self-loading wheeled carrier for elongated rigid articles and method. 2,767,870, 10-23-56, Cl. 214-351.
- Governale, Luke J., to Ethyl Corp. Process for benzene hexachloride purification. 2,755,235, 7-17-56, Cl. 202-37.
- Govoni, Laura E. Thermometer covers. 2,768,736, 10-30-56, Cl. 206-16.5.
- Gow, James D. *See*—
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- Gowens, Ernest G. *See*—
- Folding, Hubert V., and Gowens. 2,774,530.
- Gowing, Lester. Vise-jaw-releasing mechanism. 2,758,492, 8-14-56, Cl. 81-36.
- Gowman, Daniel J. *See*—
- Erickson, Wallace A., and Gowman. 2,756,874.
- Graae, Johan E. A. Centrifugal separator. 2,743,865.
- Grab, Eugene G. Method for the manufacture of apple sauce. 2,744,016, 5-1-56, Cl. 99-101.
- Grab, Josef *See*—
- Weber, Josef, Grab, and Pribitzer. 2,757,050.
- Grabner, Arnold. Optical photoluminescent indicating device for high frequency therapeutic treatment circuit. 2,772,679, 12-4-56, Cl. 128-421.
- Graber, John N., to Graber Mfg. Co., Inc. Drapery cable with levelling feature. 2,766,897, 10-16-56, Cl. 211-95.
- Graber Mfg. Co., Inc. *See*—
- Graber, John N. 2,766,892.
- Graberg, Eric T., to Aktiebolaget Bofors. Direct-action fuse for a projectile. 2,737,891, 3-13-56, Cl. 102-78.
- Grabill, Maria. Cape. 2,763,868, 9-25-56, Cl. 2-88.
- Grabow, Paul W. Wing assembly for road graders. 2,750,688, 6-19-56, Cl. 37-155.
- Grace, Charles E., to Clausen Iron Co., Inc. Ramp apparatus. 2,739,325, 3-27-56, Cl. 14-72.
- Grace Hosiery Mills, Inc. *See*—
- Haddad, Salomao J. 2,756,575.
- Grace, Michael P. *See*—
- Del Mas, Christy M. 2,739,737.
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- Grace, W. R. & Co.: *See*—  
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- Grad, Adolf R., to The Oilgear Co. Bushing assembly press. 2,751,670, 6-26-56, Cl. 29—252.
- Grady, Charles B., Jr., to The W. L. Maxson Corp. Inverter control system. 2,747,156, 5-22-56, Cl. 322—24.
- Grady, Charles B., Jr., to The W. L. Maxson Corp. Frequency error sensing means. 2,751,495, 6-19-56, Cl. 250—27.
- Grady, Kenneth R.: *See*—  
 Stewart, Henderson Y., and Grady. 2,756,724.
- Grady, Maice W.: *See*—  
 Hunt, Arthur R. 2,742,259.
- Graeb, Herman C., and C. C. Wilson, to The Murray Co. of Texas, Inc. Machine for and method of side-filling gin and similar saws. 2,739,377, 8-21-56, Cl. 76—48.
- Graef, Charles G., T. Fisher, G. Deckman, and E. H. Simpson, to The McManis Co., Inc. Excreta disposing toilet. 2,768,886, 10-30-56, Cl. 4—31.
- Graef, Robert P., to Bell Telephone Laboratories, Inc. Time delay switching apparatus. 2,765,430, 10-2-56, Cl. 317—132.
- Graef, Alberto C. Bag with integral closing means. 2,746,502, 5-22-56, Cl. 150—3.
- Graenacher, Charles, and H. Bruenger, to Ciba Ltd. Process for fixing dyesuffs. 2,753,239, 7-3-56, Cl. 8—49.
- Graenz, Alfred P.: *See*—  
 Dunkelberger, Mark E., and Graenz. 2,739,767.  
 Fritz, Fritz. Dome structure for mantle type lantern. 2,739,229, 3-20-56, Cl. 240—31.  
 Fritz, Fritz. Vaporizer for liquid fuel burner. 2,756,579, 7-31-56, Cl. 67—50.
- Graevnitz, Henry L., and F. S. Dunham, to Otis Elevator Co. Joint for structural sections. 2,774,121, 12-18-56, Cl. 20—2.
- Graf, Edward H. Metallurgical flux compositions. 2,760,859, 8-28-56, Cl. 75—94.
- Graf, Fred V. Brassiere. Re. 24,111, 1-17-56, Cl. 2—42.
- Graf, Fred V. Strapless brassiere. 2,740,122, 4-3-56, Cl. 2.
- Graf, George L., Jr., to The Celastic Corp. Composition and method for impregnation of sheet materials with synthetic resin latices. 2,760,884, 8-28-56, Cl. 117—65.
- Graf, John J. Apparatus for waving hair. 2,758,604, 8-14-56, Cl. 132—41.
- Graf, Paul. Two-part expansible ring. 2,743,591, 5-1-56, Cl. 63—15.6.
- Graf, Robert. Identification devices. 2,732,644, 1-31-56, Cl. 40—142.
- Grafinger, Louis N., and B. J. O'Connor, to Bendix Aviation Corp. Fuel-air ratio control system for a ram-jet engine. 1-2,739,061, 1-2-56, Cl. 60—39.28.
- Grafix, Inc.: *See*—  
 Sahmel, Otto H. 2,745,051.
- Grafstein, Peter, to Axel Bros., Inc. Detachable ring guard for finger rings. 2,745,265, 5-15-56, Cl. 63—15.6.
- Grafstein, Peter, to Axel Bros., Inc. Ring guard with spring pressed pivot member. 2,745,266, 5-15-56, Cl. 63—15.6.
- Grageroff, Ignace: *See*—  
 Gorham, George, and Grageroff. 2,729,221.
- Graham, Alvin J.: *See*—  
 Graham, Patrick R. H., A. J., and G. H. 2,745,667.
- Graham, Archibald R.: *See*—  
 Abbott, Leslie S., and Graham. 2,762,813.
- Graham, Arthur H., and S. S. Staley; said Staley assignor to J. C. Wynne. Floating roof seals. 2,740,549, 4-3-56, Cl. 220—26.
- Graham and Barker: *See*—  
 Stinson, Evan H., Ramore, and Hughes. 2,770,961.
- Graham, Boynton: *See*—  
 Picard, John A., and Graham. 2,773,286.
- Graham, Boynton, to E. I. du Pont de Nemours and Co. Dispersions and use thereof. 2,753,317, 7-3-56, Cl. 260—26.
- Graham, Boynton, to E. I. du Pont de Nemours and Co. Non-woven sheet material. 2,765,247, 10-2-56, Cl. 154—46.
- Graham, Charles D., to General Motors Corp. Air heating and cooling apparatus. 2,739,794, 8-27-56, Cl. 257—9.
- Graham, Charles D., Jr., and R. J. Donley, to the United States of America, as represented by the United States Atomic Energy Commission. Lubricant for cold drawing of thorium wire. 2,736,700, 2-28-56, Cl. 252—25.
- Graham, Connelly L., to Northrop Aircraft, Inc. Blast deflector arrangement for jet propelled aircraft. 2,758,805, 8-14-56, Cl. 244—52.
- Graham, Edward K. P., to Svenska Aktiebolaget Gasaccumulator. Reflector for radar purposes. 2,763,000, 9-11-56, Cl. 343—18.
- Graham, Elizabeth N. Receptacle for atomizer or the like. 2,738,107, 8-13-56, Cl. 222—211.
- Graham-Enock Mfg. Co. Ltd.: *See*—  
 Enock, Arthur G. 2,730,276.
- Graham, Erwin W., to Cleveland Instrument Co. Automatic gaging apparatus. 2,752,687, 7-3-56, Cl. 33—147.
- Graham, Erwin W., and K. C. Schedler, to Cleveland Instrument Co. Comparator having pivotal fine adjustment means. 2,737,723, 3-13-56, Cl. 33—147.
- Graham, Frank H., to Amsler Morton Corp. Recuperator turbine. 2,733,908, 2-7-56, Cl. 263—20.
- Graham, George H.: *See*—  
 Graham, Patrick R. H., A. J., and G. H. 2,745,667.
- Graham, Harold J., to Mec-Elec Engineering Co. Electrical connector. 2,729,798, 1-3-56, Cl. 339—47.
- Graham, Harold J., to Graham Mfg. Corp. Electric arc welding. 2,768,076, 9-18-56, Cl. 219—98.
- Graham, Hugh S.: *See*—  
 Eberhardt, John E., Graham, and Gold. 2,766,108.
- Graham, Hugh S., and J. E. Eberhardt, to Bethlehem Steel Co. Reduction and fusion of metals. 2,774,662, 12-18-56, Cl. 75—26.
- Graham, John D.: *See*—  
 Kincaid, Homer F., Graham, Reynolds, and Wharff. 2,752,148.
- Graham, Lattrell. Method and apparatus for butt welding pipe sections. 2,753,428, 7-3-56, Cl. 219—10.
- Graham, Lawrence A., to Graham Mfg. Co., Inc. Method and apparatus for dispensing. 2,765,909, 10-9-56, Cl. 206—57.
- Graham, Leonard A.: *See*—  
 Thompson, William M., Graham, and Seidel. 2,769,749.
- Graham, Malcolm H. and W. C. Jr. Pneumatic cotton picking unit. 2,763,978, 9-25-56, Cl. 56—30.
- Graham Mfg. Co., Inc.: *See*—  
 Graham, Harold J. 2,763,755.  
 Graham, Lawrence A. 2,765,909.
- Graham, Marion E.: *See*—  
 Coolman, Ford L., and Graham. 2,744,005.  
 Crowley, Henry L., and Graham. 2,765,519.  
 Crowley, Henry L., and Graham. 2,766,117.
- Graham, Marion E., and W. A. Reed, to Republic Steel Corp. Process for making copper-iron powder. 2,754,193, 7-10-56, Cl. 75—0.5.
- Graham, Marion E., and W. A. Reed, to Republic Steel Corp. Process for making copper-iron powder. 2,754,194, 7-10-56, Cl. 75—0.5.
- Graham, Marion E., and W. A. Reed, to Republic Steel Corp. Process for making copper-iron powder. 2,754,195, 7-10-56, Cl. 75—0.5.
- Graham, Marion E., W. A. Reed, and J. R. Cameron, to Republic Steel Corp. Process of recovering metal values from complex ores containing iron and nickel. 2,766,115, 10-9-56, Cl. 75—119.
- Graham, Matthew P., to Thompson Products, Inc. Method of making ball studs. 2,744,309, 8-8-56, Cl. 29—148.4.
- Graham, Matthew P., to Thompson Products, Inc. Steering linkage with longitudinally reciprocating tie rod. 2,761,694, 9-4-56, Cl. 280—95.
- Graham, Matthew P., to Thompson Products, Inc. Vehicle front wheel suspension means with friction joint. 2,761,095, 9-4-56, Cl. 280—96.2.
- Graham, Patrick R. H., A. J., and G. H. Appliance for playing games. 2,745,687, 5-15-56, Cl. 273—134.
- Graham, Phillip. Portable general utility crane. 2,763,218, 9-18-56, Cl. 104—126.
- Graham, Phillip. Curved closure device. 2,770,850, 11-20-56, Cl. 2—4.
- Graham, Robert: *See*—  
 Garner, Philip J., and Graham. 2,756,162.
- Graham, Robert E., to Bell Telephone Laboratories, Inc. Differential photoelectric detector using junction semiconductor. 2,740,901, 4-3-56, Cl. 250—201.
- Graham, Robert E., to Bell Telephone Laboratories, Inc. Television pick-up tube. 2,740,912, 4-3-56, Cl. 313—68.
- Graham, Robert E., to Bell Telephone Laboratories, Inc. Monostable multivibrator. 2,764,677, 9-25-56, Cl. 250—27.
- Graham, Robert S., and R. V. Sperry, to Bell Telephone Laboratories, Inc. Equalizer. 2,760,164, 8-21-56, Cl. 333—28.
- Graham, Seymour P., to Illinois Baking Corp. Apparatus for molding and baking batter. 2,749,853, 6-12-56, Cl. 107—58.
- Graham, Stanley J. G., to Silentbloc Ltd. Spigot or dowel connections. 2,742,770, 4-24-56, Cl. 64—11.
- Graham, Von B. Stone cutting machine. 2,755,790, 7-24-56, Cl. 2—23.
- Graham, William C., Jr.: *See*—  
 Graham, Malcolm H. and W. C. 2,763,978.
- Graham, William R., Jr., to National Alfalfa Dehydrating & Milling Co. Apparatus for deaerating and storing oxidizable materials. 2,739,522, 3-27-56, Cl. 89—271.
- Graham, William R., Jr., G. O. Kohler, and C. G. Blauw, to The Quaker Oats Co. Method of activating the nutrient constituents of dehydrated leafy vegetation. 2,751,302, 6-19-56, Cl. 99—2.
- Grahame, James H., to The Texas Co. Pipe spacing device. 2,738,449, 2-21-56, Cl. 138—65.
- Grail, Godfrey F.: *See*—  
 Seudi, John V., Tenenbaum, and Grail. 2,739,986.
- Grail, Godfrey F., to Nepera Chemical Co., Inc. Heptadecyl amine compound. 2,742,504, 4-17-56, Cl. 260—583.
- Grailinski, Frank J. Sun visor awning. 2,755,523, 7-24-56, Cl. 26—27.5.
- Gram, Eugene M. Toilet flush control. 2,744,261, 5-8-56, Cl. 4—67.
- Gramelspacher, Clarence U. Rubber-coated plywood for road-bed on highways. 2,737,092, 3-6-56, Cl. 94—4.
- Gramelspacher, Clarence U., to Gramwood of Indiana. Panel and method of manufacture. 2,751,946, 6-26-56, Cl. 144—309.

- Gramelspacher, Clarence U. Apparatus for waste disposal. 2,763,202, 9-18-56, Cl. 100-32.
- Grames, Lloyd D., and A. W. Black, to The Air Preheater Corp. Rotary heater washer control system. 2,761,653, 9-4-56, Cl. 257-1.
- Gramkee, Bruce E.: *See—*  
 Fordyce, Charles R., and Gramkee. 2,739,069.  
 Fordyce, Charles R., and Gramkee. 2,739,070.
- Gramlich, Harold C.: *See—*  
 Courson, Iber C., Mason, and Gramlich. 2,769,677.
- Grammes, F. F., & Sons, Inc.: *See—*  
 Weindel, Fred, Jr. 2,737,069.
- Grams, Gladys: *See—*  
 Bogart, Frances E., and Grams. 2,763,869.
- Gramwood of Indiana: *See—*  
 Gramelspacher, Clarence U. 2,751,946.
- Granatek, Alphonse P.: *See—*  
 Buckwalter, Frank H., and Granatek. 2,768,115.
- Granberg, Albert J. Air separator and siphon breaker. 2,742,049, 4-17-56, Cl. 137-202.
- Granberg, Axel R. Loom warp reel. 2,733,499, 2-7-56, Cl. 28-32.
- Granberry, Doyle S., and S. Kuba, to Western Electric Co. High frequency apparatus for sealing glass to metal. 2,775,676, 12-25-56, Cl. 219-10-53.
- Granberry, Edgar H., and J. M. Wall, to West Point Mfg. Co. Slasher creel beam bearing. 2,744,801, 5-8-56, Cl. 308-236.
- Grancay, Stephen V., and L. Heinrich, to the United States of America as represented by the Secretary of the Army. Helmet suspensions. 2,758,306, 8-14-56, Cl. 2-3.
- Grancay, Stephen V., and L. Heinrich, to the United States of America as represented by the Secretary of the Army. Nape strap. 2,769,176, 11-6-56, Cl. 2-3.
- Grand Duchess Steaks, Inc.: *See—*  
 Condon, Howard M. 2,752,252.  
 Condon, Howard M. 2,757,411.
- Grandin, Clarence W. Cutting method and apparatus. 2,758,543, 8-14-56, Cl. 102-21-6.
- Grandjean, Philippe, W. Steinemann, and W. Wehrli, to Sandoz A. G. Dis- and polyazo dyestuffs and process of preparation. 2,734,053, 2-7-56, Cl. 260-147.
- Grandjean, Philippe, and W. Wehrli, to Sandoz A. G. Dis- and polyazo dyestuff. 2,746,954, 5-22-56, Cl. 260-166.
- Grandtjof, Walter. Audiometer. 2,744,158, 5-1-56, Cl. 179-1.
- Grand Rapids Hardware Co.: *See—*  
 Dickinson, Henry R. 2,739,344.  
 Teggehaar, Claude J. 2,774,996.
- Grandstaff, Otho D., to Automatic Electric Laboratories, Inc. Rotary interrupter. 2,742,538, 4-17-56, Cl. 200-30.
- Grandstaff, Otho D., to Automatic Electric Laboratories, Inc. Electronic tone generator. 2,745,008, 5-8-56, Cl. 250-36.
- Grandstedt, Karl Erik, to Arencio Aktiebolag. Cigar bunch machines. 2,745,412, 5-15-56, Cl. 131-52.
- Grand Union Co., The: *See—*  
 Just, George A. 2,760,519.  
 Just, George A. 2,769,551.  
 Just, George A., and Shield. 2,766,049.
- Grandy, Andrew J.: *See—*  
 Ratzell, Alfred P., and Grandy. 2,730,473.
- Granel, Charles, and G. Roland. Oscillation damper. 2,739,970, 9-20-56, Cl. 127-18-56.
- Grangaard, Donald H., and W. Plummer, to Kimberly-Clark Corp. Method of patching an opening in a plane member. 2,770,556, 11-13-56, Cl. 117-2.
- Grange, Raymond A., and E. C. Turner, to United States Steel Corp. Method of restoring hardenability of boron-containing steel. 2,745,776, 5-15-56, Cl. 148-21-55.
- Granger, Louis V. Antiskid device. 2,767,760, 10-23-56, Cl. 152-213.
- Granger, Ted N.: *See—*  
 Thomson, Jens H., and Granger. 2,749,137.
- Granger, Ted N. Center guide for flush valve ball. 2,758,314, 8-14-56, Cl. 4-57.
- Granite City Steel Co.: *See—*  
 Hodil, Ralph. 2,740,729.
- Graniteville Co.: *See—*  
 Converse, Sherman. 2,769,722.
- Grannon, Francis E. Separable button. 2,736,939, 3-6-56, Cl. 24-107.
- Grannelfelt, Allan. Sluice valve. 2,774,371, 12-18-56, Cl. 137-242.
- Grannoff, Budd: *See—*  
 Friesman, Sanford S., and Rosen. 2,749,920.
- Granqvist, Carl-Erik, to Hazeltine Research, Inc. Control apparatus for direction finder. 2,730,716, 1-10-56, Cl. 343-118.
- Granqvist, Carl-Erik, to Hazeltine Research, Inc. Antenna system. 2,743,441, 4-24-56, Cl. 343-815.
- Granqvist, Carl-Erik, to Svenska Aktiebolaget Gasaccumulator. Arrangement for direct reception of radio signals. 2,744,246, 5-1-56, Cl. 343-118.
- Granqvist, Carl-Erik, to Svenska Aktiebolaget Gasaccumulator. Radio goniometer. 2,746,038, 5-15-56, Cl. 343-124.
- Granqvist, Carl-Erik, to Hazeltine Research, Inc. Radio beacons. 2,747,181, 5-22-56, Cl. 343-106.
- Granqvist, Carl-Erik, to Svenska Aktiebolaget Gasaccumulator. Arrangement for automatic volume control in receivers for radio direction finding. 2,757,367, 7-31-56, Cl. 343-118.
- Granqvist, Carl-Erik, to Hazeltine Research, Inc. Apparatus for radiating in relative positions of a pair of elements. 2,759,365, 8-21-56, Cl. 74-10-6.
- Granqvist, Carl-Erik, to Hazeltine Research, Inc. Radio beacon. 2,744,966, 12-18-56, Cl. 343-106.
- Granstedt, Karl Erik, to Arencio Aktiebolag. Apparatus for shaping and drying cigar bunches or the like. 2,747,581, 5-29-56, Cl. 131-79.
- Grant, Casper E. Incinerating device for cigarette and cigar butts. 2,737,331, 3-6-56, Cl. 110-18.
- Grant, Charles H. Aircraft wing with means to increase lift through control of air flow. 2,772,058, 11-27-56, Cl. 244-42.
- Grant, Gordon A.: *See—*  
 Winthrop, Stanley O., and Grant. 2,767,180.
- Grant, Harry C., Jr., to Specialties Development Corp. Supervised apparatus for detecting the presence of suspended matters in fluids. 2,763,853, 9-18-56, Cl. 340-237.
- Grant, Irvin R. 50% to L. Countz. Advertising sign. 2,735,204, 2-21-56, Cl. 40-128.
- Grant, John L. Book support. 2,767,856, 10-23-56, Cl. 211-42.
- Grant, Maurice E.: *See—*  
 Davis, Richard E., and Grant. 2,764,365.
- Grant, Max L.: *See—*  
 Gordon, Alexander M. 2,766,762.  
 Gordon, Alexander M., and Miller. 2,750,106.  
 Strabel, Walter E., and Grant. 2,729,391.
- Grant, Max L. Fare box. 2,746,675, 5-22-56, Cl. 232-7.
- Grant, Max L. Coin collecting device. 2,774,533, 12-18-65, Cl. 232-44.
- Grant, Nicolas J., to Lukens Steel Co. Consumable glass fiber ingot mold liner. 2,763,043, 9-18-56, Cl. 22-159.
- Grant Oil Tool Co.: *See—*  
 Emanuel, Vincent, and Douglas. 2,756,968.
- Grant Pulley & Hardware Corp.: *See—*  
 Gussack, Nathan A. 2,739,027.
- Grant, Walter F. Cast spreader. 2,757,666, 8-7-56, Cl. 128-9.
- Grant, Walter F. Cable splitter. 2,761,211, 9-4-56, Cl. 30-91.
- Grant-MacKay, John A.: *See—*  
 Mitchell, William F., and Grant-MacKay. 2,753,245.
- Grantman, Hulan E., and J. L. Goldsmith, to Hudson Engineering Corp. Wood fan ring. 2,770,413, 11-13-56, Cl. 230-133.
- Grantham, Lloyd B.: *See—*  
 Mengelkamp, Richard A., and Grantham. 2,767,691.
- Granzow, Clarence A., to International Harvester Co. Hydraulically lockable ram and control therefor. 2,738,770, 3-20-56, Cl. 121-38.
- Graphic Arts Research Foundation, Inc.: *See—*  
 Higonet, Rene, and Moyroud. 2,736,249.  
 Higonet, Rene, and Moyroud. 2,758,693.  
 Higonet, Rene, and Moyroud. 2,775,172.  
 Higonet, Rene A., and Moyroud. 2,744,443.  
 Higonet, Rene A., and Moyroud. 2,744,457.  
 Higonet, Rene A., and Moyroud. 2,765,895.  
 Higonet, René A., and Moyroud. 2,767,628.
- Grashuler, André. 2,738,728.
- Graphicolor, Inc.: *See—*  
 Gordon, Robert. 2,731,093.
- Grass, Albert M. Oscillographs. 2,746,835, 5-22-56, Cl. 346-140.
- Grass, Albert M. Electrically operated automatic camera. 2,754,772, 4-17-56, Cl. 8-18.
- Grass, Leo J. Air pressure system for the skeleton wheels of an offset printing press. 2,730,950, 1-17-56, Cl. 101-420.
- Grassie, Vernon R., and E. D. Klug, to Hercules Powder Co. Preparation of cellulose ether derivatives. 2,748,111, 5-29-56, Cl. 260-226.
- Grassmann, Wolfgang, and G. Deffner. Apparatus for automatically filling uniform and exact volumes, in particular a fully automatic collector of fractions. 2,750,092, 6-12-56, Cl. 226-96.
- Grasso, Santo, and W. F. Kern. Flat-curl hair curler. 2,729,217, 3-3-56, Cl. 132-43.
- Grasso, Santo, and W. F. Kern. One-piece hair curlers. 2,762,379, 9-11-56, Cl. 132-43.
- Grasso's Machinefabriek N. V.: *See—*  
 Hoer, Cornelis. 2,768,507.
- Gratani, Joseph W., to General Dynamics Corp. Telemetering system. 2,730,699, 1-10-56, Cl. 340-212.
- Gratiani, Joseph W., to General Dynamics Corp. Musical instrument employing tape recording. 2,737,840, 3-13-56, Cl. 84-128.
- Gratiani, Joseph W., to General Dynamics Corp. Telemetering transmitter. 2,748,377, 5-29-56, Cl. 340-206.
- Gratiani, Joseph W., and L. C. Holmes, to General Dynamics Corp. Means for sensing magnetic flux. 2,756,276, 7-24-56, Cl. 179-100-2.
- Graton & Knight Co.: *See—*  
 Gaussey, Gardine K. 2,760,526.
- Gratz, Kurt. Impulse generator for medical use. 2,771,554, 11-20-56, Cl. 250-27.
- Gratzmuller, Jean L. Safety device for cable connections. 2,732,180, 1-24-56, Cl. 254-172.
- Gratzmuller, Jean L. Fluid-tight assembly. 2,746,486, 5-22-56, Cl. 138-89.
- Gratzmuller, Jean L. Conically tapered dual seal ring pipe connection. 2,768,846, 10-30-56, Cl. 285-342.
- Gratzmuller, Jean L. Hydraulic feeding unit. 2,769,399, 11-6-56, Cl. 103-223.
- Gratzmuller, Jean L. Crankpin-piston connecting means. 2,770,972, 11-20-56, Cl. 74-49.



- Grauer, Oscar H., to the United States of America as represented by the Secretary of Commerce. Precision refractometer. 2,772,597, 12-4-56, Cl. 88-14.
- Graulich, Wilhelm, to the United States of America as represented by the Secretary of Commerce. 2,757,813.
- Graumann, Raymond L. Auxiliary detonator fuze for anti-aircraft projectile. 2,748,707, 6-5-56, Cl. 102-79.
- Graumann, Raymond L., and W. J. Donahue, Jr. Centrifugal projectile fuze. 2,741,183, 4-10-56, Cl. 102-79.
- Graw, Theodore R. Muffler flange splitting tool. 2,750,665, 6-19-56, Cl. 30-91.
- Graupe, Milton M.: See—
- Krasner, Fred C., and Graupe. 2,737,029.
- Graustein, Walter W., Jr., to Acton Laboratories, Inc. Low frequency phase indicating system. 2,757,338, 7-31-56, Cl. 324-88.
- Grave, William, to National Lead Co. Method for preparation of composite pigments. 2,744,028, 5-1-56, Cl. 106-300.
- Grave, William, to National Lead Co. Method for making composite titanium dioxide pigment material. 2,760,880, 8-28-56, Cl. 106-300.
- Gravenhorst, Gordon P., and T. W. Elam, to The Glenn L. Martin Co. Wing mounted defensive units for airplanes. 2,737,853, 3-15-56, Cl. 89-37.5.
- Graver, John B.: See—
- Fill, Metro, and Graver. 2,754,767.
- Graver Tank & Mfg. Co., Inc.: See—
- McKelvey, Lawrence N., Jr., and Segrest. 2,734,593.
- Meyer, Amel R. 2,737,565.
- Meyer, Amel R. 2,742,553.
- Ulm, Regan C. 2,737,510.
- Graves, Benjamin P., to Brown & Sharpe Mfg. Co. Coolant return system. 2,770,172, 11-13-56, Cl. 90-11.
- Graves, Carl O., and H. Ernst, to The Cincinnati Milling Machine Co. Face mill. 2,761,196, 9-4-56, Cl. 29-105.
- Graves, Donald E., and D. M. Cameli, to General Electric Co. Electrical protective system. 2,745,020, 5-8-56, Cl. 250-95.
- Graves, Edward B., and M. G. Melden, to Picker X-Ray Corp. Control for X-ray apparatus. 2,763,791, 9-18-56, Cl. 250-95.
- Graves, Eliot D., and M. McDougal, to Contact Products, Inc. Apparatus for making pressure sensitive labels. 2,743,753, 5-1-56, Cl. 154-1.
- Graves, Elizabeth B., executrix: See—
- Moriarty, Francis C., and Graves. 2,744,055.
- Graves, Francis G.: See—
- Moriarty, Francis C., and Graves. 2,744,055.
- Graves, Frederick G., to J. W. Macklin, as trustee. Internal combustion engine construction. 2,765,779, 10-9-56, Cl. 121-194.
- Graves, Harold J., to Sawyer's Inc. Picture previewer and projector device. 2,746,545, 12-22-56, Cl. 88-27.
- Graves, Joseph R. Apparatus for producing colored display patterns. 2,763,078, 9-18-56, Cl. 40-130.
- Graves, Lloyd T.: See—
- Fisher, Peter. 2,745,503.
- Graves, Lloyd T., to W. B. Steele. Dozer-blade mounting. 2,734,292, 2-14-56, Cl. 37-144.
- Graves, Roy R.: See—
- Kuhles, Edward K., and Graves. 2,751,123.
- Graves, Roy R., to The Graves-Stambaugh Corp. Method for processing milk products. 2,772,979, 12-4-56, Cl. 99-184.
- Graves-Stambaugh Corp.: The: See—
- Graves, Roy R. 2,772,979.
- Kuhles, Edward K., and Graves. 2,751,123.
- Graves, Wayne H., and J. A. Melichar, to Collins Radio Co. Variable inductance device. 2,762,983, 9-11-56, Cl. 333-24.
- Graviner Mfg. Co. Ltd.: See—
- Bennett, Neill G. 2,742,542.
- Griffiths, Rupert, and Mathisen. 2,740,018.
- Mathisen, Anders. 2,731,532.
- Mathisen, Anders. 2,742,094.
- Mathisen, Anders. 2,766,832.
- Mathisen, Anders. 2,768,261.
- Mathisen, Anders, and Griffiths. 2,736,779.
- Gravley, Charles K., to Clevite Corp. Method of making circuit connections to a transducer unit. 2,768,421, 10-30-56, Cl. 29-25.35.
- Gray, Allan P.: See—
- Cavallito, Chester J., Gray, and Spinner. 2,767,179.
- Gray, Alvin N., to Western Electric Co., Inc. Electroplating apparatus. 2,737,488, 3-6-56, Cl. 204-206.
- Gray, Alvin N., to Western Electric Co., Inc. Apparatus for working and advancing a plastic material. 2,750,627, 6-10-56, Cl. 18-13.
- Gray, Alvin N., to Western Electric Co., Inc. Methods of and apparatus for applying strips to insulated conductors. 2,766,136, 10-9-56, Cl. 117-43.
- Gray, Bryant Y. Auxiliary generator charging rate control. 2,773,197, 12-4-56, Cl. 290-50.
- Gray, Charles H.: See—
- Coates, Colin, Gray, and Small. 2,735,901.
- Gray, Daniel, to Oneida Ltd. Antitarnish wrappers. 2,749,210, 6-5-56, Cl. 21-2.5.
- Gray, Ernest F. Earring with spring actuated clamp. 2,732,694, 1-31-56, Cl. 63-14.
- Gray, G. A., Co., The: See—
- Waite, John M. 2,744,450.
- Walter, John M. 2,759,240.
- Gray, Gene W. Games. 2,761,925, 9-4-56, Cl. 200-61.11.
- Gray, George F.: See—
- Pratt, Verneur E., and Gray. 2,746,344.
- Gray, George W., to Radio Corp. of America. Cathode-controlled wave generators. 2,759,502, 6-12-56, Cl. 250-36.
- Gray, Howard A., to Monsanto Chemical Co. Substantially non-caking compositions containing a normally coalescent copolymer of vinyl acetate and an ethylenically unsaturated organic carboxylic compound having at least one carboxyl group. 2,763,633, 9-18-56, Cl. 260-78.5.
- Gray, John, to Brentford Transformers Ltd. Roller contact for transformer coil. 2,738,472, 3-18-56, Cl. 339-9.
- Gray, John, and J. Brawn, to Brentford Transformers Ltd. Roller contact device for electrical coils. 2,757,348, 7-31-56, Cl. 339-9.
- Gray, John W., to Imperial Chemical Industries Ltd. Alkyl and cycloalkyl hydroperoxides. 2,730,495, 1-10-56, Cl. 204-162.
- Gray, John D.: See—
- Flusker, Robert E. and E. E. 2,757,565.
- Gray, John W., to General Precision Laboratory Inc. Digital unit converter. 2,738,504, 3-18-56, Cl. 340-347.
- Gray, John W., to General Precision Laboratory Inc. Navigational resolver-integrator. 2,744,683, 5-8-56, Cl. 235-61.
- Gray, John W., to General Precision Laboratory Inc. Homing radar receiver. 2,749,033, 6-5-56, Cl. 235-61.
- Gray, John W., to the United States of America as represented by the Secretary of the Navy. Control circuit. 2,751,494, 6-19-56, Cl. 250-27.
- Gray, John W., to General Precision Laboratory Inc. Cyclic function modifying circuit. 2,753,498, 7-3-56, Cl. 318-24.
- Gray, John W., to the United States of America as represented by the Secretary of the Navy. Rectangular to polar coordinate converter. 2,763,430, 9-18-56, Cl. 235-61.
- Gray, John W., to General Precision Laboratory Inc. Electrical control system. 2,772,889, 11-27-56, Cl. 323-45.
- Gray, John W., F. Hayek, R. A. Finkler, and H. J. Reed, Jr., to General Precision Laboratory Inc. Differential gear. 2,761,332, 9-4-56, Cl. 74-674.
- Gray, Kenneth R.: See—
- Van Blaricom, Lloyd E., and Gray. Re. 24,213.
- Van Blaricom, Lloyd E., and Gray. 2,732,352.
- Gray, Kenneth R., J. H. Holloway, and B. B. Thomas, to Rayonier Inc. Acylation of refined wood pulp. 2,767,169, 10-16-56, Cl. 260-212.
- Gray, Kenneth R., H. L. Crosby, and J. C. Steinberg, to Rayonier Inc. Recovery of chemicals in wood pulp preparation. 2,765,132-56, Cl. 92-2.
- Gray, Landon R., and H. P. Smith, Jr., to R. Seifried. Stretch-forming machine. 2,739,634, 3-27-56, Cl. 153-32.
- Gray, Lawrence L. Dehorning device. 2,748,475, 6-5-56, Cl. 30-167.
- Gray Mfg. Co., The: See—
- Poster, William C. 2,738,194.
- Moore, Frank L., and Roberts. 2,740,633.
- Gray Marine Motor Co.: See—
- Engstrom, Paul A. 2,767,699.
- Gray, Norman A., and L. R. Cederbaum, to Schick Inc. Shaver head securing means for electric shaver. 2,758,370, 8-14-56, Cl. 30-43.
- Gray, Pleasant P. Transportable raising and lowering device. 2,739,785, 3-27-56, Cl. 254-93.
- Gray, Preston R., to Bell Telephone Laboratories, Inc. Dial telephone system arranged for operator or machine announcement on intercepted calls. 2,764,636, 9-25-56, Cl. 179-27.
- Gray, Raymond K., to The Illinois Lock Co. Lock. 2,740,284, 4-3-56, Cl. 70-79.
- Gray, Robert B., to American Meter Co., Inc. Differential pressure responsive bellows. 2,747,614, 5-29-56, Cl. 137-78.
- Gray, Robert M. Grass cutter and blower. 2,738,635, 3-20-56, Cl. 56-23.
- Gray, Russell H., to E. I. du Pont de Nemours and Co. Photographic emulsions containing fluorine substituted ethylene polymers as delustering agents. 2,731,547, 1-17-56, Cl. 95-7.
- Gray, Russell H., to E. I. du Pont de Nemours and Co. Silver halide emulsion containing a polymeric polyamine as an acid dye mordant. 2,753,263, 7-3-56, Cl. 95-7.
- Gray, Russell L., and L. H. Lasswell. Fuel distributor for diesel engines. 2,742,050, 4-17-56, Cl. 137-312.
- Gray, Sidney, to Radio Corp. of America. Cathode ray tube and target. 2,770,746, 11-13-56, Cl. 313-65.
- Gray Tool Co.: See—
- Phillips, William N. 2,754,136.
- Watts, John D., and Hill. 2,766,829.
- Watts, John D., and Hill. 2,766,998.
- Watts, John D., and Hill. 2,766,999.
- Watts, John D., and Pierce. 2,751,235.
- Watts, John D., and Pierce. 2,754,134.
- Gray, Warren E., and F. B. Edwards. Tape dispenser. 2,750,990, 1-17-56, Cl. 118-23.
- Gray, Willard F. M., to General Electric Co. Magnetic actuating mechanism. 2,750,474, 6-12-56, Cl. 200-138.
- Gray, William C., to The Bailey Co., Inc. Glass run channels for vehicle windows. 2,758,871, 8-14-56, Cl. 296-44.5.
- Gray, William E. Draft gear. 2,745,560, 5-15-56, Cl. 213-34.
- Gray, William R., to Pittsburgh Plate Glass Co. Method and apparatus for continuous plating. 2,753,298, 7-3-56, Cl. 204-28.

- Graybeal, Bruce A. Apparatus for fiberizing molten material. 2,774,103, 12-18-56, Cl. 15-2-6.
- Graybeal, John O., to Kaiser Aluminum & Chemical Corp. Self baking electrode. 2,769,113, 10-30-56, Cl. 313-327.
- Graybeal, La Verne R., and D. J. Edgar, to North American Rayon Corp. Attachment for textile bobbin. 2,775,091, 12-25-56, Cl. 57-34.
- Graybeal, Paul E.: *See*—
- Boddicker, Floyd L., and Graybeal. 2,749,336.
- Graybeal, Paul E., and W. H. Stevenson, to Hercules Powder Co. Preparation of alkali cellulose. 2,767,170, 10-16-56, Cl. 260-233.
- Graybill, Howard W., to I-T-E Circuit Breaker Co. Switch jaw and latch construction. 2,735,402, 3-13-56, Cl. 200-169.
- Graybill, Howard W., to I-T-E Circuit Breaker Co. Low voltage, high current switch. 2,743,338, 4-24-56, Cl. 200-164.
- Graybill, Howard W., to I-T-E Circuit Breaker Co. High current disconnecting switch. 2,765,380, 10-2-56, Cl. 200-162.
- Graybill, Howard W., to I-T-E Circuit Breaker Co. Series parallel switching apparatus. 2,766,335, 10-9-56, Cl. 200-15.
- Grabb, Kenneth W., to Automatic Electric Laboratories, Inc. Switch wiper. 2,734,974, 2-14-56, Cl. 200-166.
- Grabb, Kenneth W., and C. E. Lomax, to Automatic Electric Laboratories, Inc. Rotary slider with graded multiple. 2,769,863, 11-6-56, Cl. 179-18.
- Grayek, Floyd E. Vehicle parking device and system of parking. 2,743,486, 5-1-56, Cl. 20-1-13.
- Grayson, Harry, to International Standard Electric Corp. Electric frequency dividers. 2,758,208, 8-7-56, Cl. 250-36.
- Grayson, Harry, A. E. Brewster, and T. H. Walker, to International Standard Electric Corp. Electric trigger circuits. 2,764,688, 9-25-56, Cl. 250-36.
- Grayson, Harry, and R. A. C. Dunkley, to International Standard Electric Corp. Trigger circuits. 2,770,739, 11-13-56, Cl. 307-88.
- Grayson, John R., and C. E. Evans, to The British Petroleum Co. Ltd. Regeneration of caustic alkali solutions containing mercaptans. 2,757,074, 7-31-56, Cl. 23-184.
- Grayson, Richard D., to General Controls Co. Valve structure. 2,741,266, 4-10-56, Cl. 137-628.
- Grayson, Richard D., to General Controls Co. Valve structure. 2,766,773, 10-16-56, Cl. 137-630.22.
- Graziani, Vincenzo. Haircutting device. 2,731,716, 1-24-56, Cl. 40-30.
- Graziano, Victor: *See*—
- Schlesinger, Kurt, and Graziano. 2,770,748.
- Greacen, Edmund, to American Seating Co. Folding table leg pivotal mounting and latch device. 2,760,838, 8-28-56, Cl. 511-99.
- Greacen, Edmund, Jr., to Personal Products Corp. Disposable cleaning device. 2,755,497, 7-24-56, Cl. 15-210.
- Greanias, Evon C.: *See*—
- Jacobs, Robert B., and Greanias. 2,752,777.
- Jacobs, Robert B., and Greanias. 2,757,290.
- Greanias, Evon C., to Standard Oil Co. Flash point measurement apparatus. 2,746,285, 5-22-56, Cl. 73-38.
- Greanias, Evon C., and R. B. Jacobs, to Standard Oil Co. Apparatus for automatic flash point testing. 2,746,286, 5-22-56, Cl. 73-36.
- Greanias, Evon C., and R. B. Jacobs, to Standard Oil Co. Electrical apparatus for gas and vapor testing. 2,753,247, 7-3-56, Cl. 23-253.
- Great American Plastics Co.: *See*—
- Bottleman, Ray. 2,749,662.
- Greathouse, Lucien H., B. A. Smith, H. M. Robinson, and C. H. Haydel, to the United States of America as represented by the Secretary of Agriculture. Process of separating proteins and vitamins from starch waste water. 2,744,014, 5-1-56, Cl. 99-2.
- Great Lakes Corp.: *See*—
- Shea, Frederick L., Jr. 2,757,549.
- Great Lakes Mills, Inc.: *See*—
- Schmidt, Arnold W. 2,752,953.
- Great Lakes Products, Inc.: *See*—
- Clay, Stanley B. 2,746,695.
- Hollenshead, Earl F. 2,756,531.
- Great Lakes Stamp & Mfg. Co., Inc.: *See*—
- Schuetz, Hilmar O. 2,775,677.
- Great Lakes Steel Corp.: *See*—
- Hall, William J. 2,737,270.
- Great Lakes Tractor Co., The: *See*—
- Kantz, John J., Jr. 2,756,615.
- Great Northern Paper Co.: *See*—
- De Luca, Robert A. 2,734,824.
- Greaves, Fred G., and F. E. Blumberg, to Greenco, Inc. Material handling valve. 2,766,911, 10-16-56, Cl. 222-148.
- Greaves, Herman B. Liquid dispensing apparatus. 2,751,114, 6-19-56, Cl. 222-70.
- Greaves, Joseph. Disk seeder attachment. 2,735,349, 2-21-56, Cl. 97-55.
- Greaves, Joseph. Flexible grain auger. 2,763,362, 9-18-56, Cl. 198-213.
- Greb, Arthur, and H. E. Tyler, to the United States of America as represented by the Secretary of the Navy. Adjustable work table. 2,753,175, 7-3-56, Cl. 266-23.
- Grebe, Konrad. Endless conveyors. 2,757,786, 8-7-56, Cl. 198-181.
- Grebe, Otto, A. Driller, and K. Bühring, to Licentia Patent-Verwaltungs-G. m. b. H. Arrangement for positioning electrodes of an electric arc furnace. 2,773,112, 12-4-56, Cl. 13-13.
- Grebmeier, Joseph, and L. Brunetti. Valve guide for water closet. 2,738,517, 3-20-56, Cl. 4-57.
- Greco, Albert. Alignable cans. 2,753,077, 7-3-56, Cl. 220-47.
- Greco, Frank. Adjustable presser foot for blind stitch sewing machines. 2,737,135, 3-6-56, Cl. 112-235.
- Greco, Thomas J. Circuit breaker or interrupter. 2,767,333, 10-16-56, Cl. 307-132.
- Gredell, Otto N., to Standard Steel Works, Inc. Power driven auger. 2,761,309, 9-4-56, Cl. 64-28.
- Greedy, Edwin F.: *See*—
- Schaff, Edward J., Greedy, and Devirian. 2,742,045.
- Greff, Carl E., to E. I. du Pont de Nemours and Co. Pneumatic cycle timer. 2,760,511, 8-28-56, Cl. 137-102.
- Greefkes, Johannes A., F. de Jager, and P. van Tilburg, to Hartford National Bank and Trust Co. as trustee. Pulse-code modulation transmitter. 2,744,959, 5-8-56, Cl. 179-15.
- Greefkes, Johannes A., and P. van Tilburg, to Hartford National Bank and Trust Co. as trustee. Time-multiplex pulse-code modulation signal transmission system. 2,744,960, 5-8-56, Cl. 179-15.
- Greefkes, Johannes A., F. de Jager, and P. van Tilburg, to Hartford National Bank and Trust Co. as trustee. Pulse-code modulation transmitter. 2,760,003, 8-21-56, Cl. 179-15.
- Greene, Kenneth J. Cigarette extinguisher. 2,740,411, 4-3-56, Cl. 131-256.
- Greeley, Kenneth J. Two wheeled self-dumping wheelbarrow. 2,766,063, 10-9-56, Cl. 298-5.
- Greeley, Leo O., to F. J. McCarthy, Inc. Mold barrow. 2,729,351, 1-3-56, Cl. 214-384.
- Greeley, Leo O. Powered hand plane. 2,746,499, 5-22-56, Cl. 145-42.
- Greeley, Leo O., to F. J. McCarthy Co. Road machinery. 2,760,285, 8-28-56, Cl. 37-155.
- Greeley, Mark S., and R. O. Kimbro, to Continental Gin Co. Automatic taper for belt conveyors. 2,730,228, 1-10-56, Cl. 198-136.
- Green, Arthur H.: *See*—
- Guernsey, Glen A., and Green. 2,731,540.
- Guernsey, Glen A., Green, and Green. 2,773,140.
- Green, Barrett K., and L. Schleicher, to The National Cash Register Co. Manifold record material. 2,730,456, 1-10-56, Cl. 117-36.
- Green, Barrett K., and L. Schleicher, to The National Cash Register Co. Pressure responsive record materials. 2,730,457, 1-10-56, Cl. 117-36.
- Green, Carl: *See*—
- Rayford, Charles K., Green, and Soffel. 2,766,621.
- Green, Charles E. Directional transducer. 2,761,117, 8-28-56, Cl. 340-8.
- Green, Charles R.: *See*—
- Cassidy, Frank, and Greene. 2,744,841.
- Green, Charles R., R. W. Landes, and T. J. Johnson, Jr., to Gillilan Bros. Inc. Differential amplifier method of cancelling ripple pick-up. 2,734,944, 2-14-56, Cl. 178-69.
- Green, Earnest R. Casket lift. 2,729,423, 1-3-56, Cl. 254-113.
- Green, Edward H., to Aerosol Research Co. Spraying devices. 2,731,295, 1-17-56, Cl. 299-99.
- Green, Ernest, to Marconi's Wireless Telegraph Co. Ltd. High frequency circuit arrangements. 2,765,444, 10-2-56, Cl. 333-6.
- Green, Frank L. Tool holder. 2,767,564, 10-23-56, Cl. 64-6.
- Green, Frank W., to Pullman-Standard Car Mfg. Co. Car turnover device. 2,747,263, 5-29-56, Cl. 29-284.
- Green, G. Edward: *See*—
- Bernhardt, Adolph C., Jr. 2,736,478.
- Green, George G., to General Dynamics Corp. Float support struts. 2,752,113, 6-26-56, Cl. 244-105.
- Green, George P. Blade and leveling apparatus for road machines. 2,745,325, 5-15-56, Cl. 94-44.
- Green, George P. Roller for road machines. 2,745,326, 5-15-56, Cl. 94-48.
- Green, Harry T.: *See*—
- Chiro, Michael A., and Green. 2,760,304.
- Green, Iris F.: *See*—
- Phillips, Violet, and Green. 2,734,288.
- Green, Irving R.: *See*—
- Gaylord, James K., and Green. 2,751,452.
- Green, James M., 50c, to W. A. Schmitz. Convertible amusement device. 2,754,120, 7-10-56, Cl. 272-52.5.
- Green, John. Animal hoof trimmer. 2,754,585, 7-17-56, Cl. 30-277.
- Green, John G. Folding tripod fishing pole stand. 2,752,115, 6-26-56, Cl. 248-46.
- Green, Joseph, to Sneytoeyculars Inc. Decorative cover plate. 2,731,751, 1-24-56, Cl. 41-10.
- Green, Lee B. Apparatus for forming ring-shaped fasteners from flat stock. 2,745,121, 5-15-56, Cl. 10-28.
- Green, Lee B. Method of producing ring-shaped articles. 2,745,122, 5-15-56, Cl. 10-34.
- Green, Lee B. Method and apparatus for stretch bending metal members. 2,759,513, 8-21-56, Cl. 153-48.
- Green, Leland W.: *See*—
- Theis, William T., and Green. 2,744,272.
- Green, Madeline L. Decorative house. 2,775,523, 12-25-56, Cl. 99-86.



- Green, Martin. Garment supporting bracket for automobile use. 2,734,639, 2-14-56, Cl. 211-96.
- Green, Martin J. Waste disposal unit. 2,767,927, 10-23-56, Cl. 241-33.
- Green, Maurice B.: *See—*  
Barber, Harry J., and Green. 2,733,257.  
Barber, Harry J., and Green. 2,733,271.  
Barber, Harry J., and Green. 2,733,918.
- Green, Milton. 12½% to D. M. Greenberg, 12½% to M. M. Greenberg, 5% to Mrs. J. Speken, and 5% to W. Greenberg. Direct reading intensity photographic photometer. 2,773,414, 12-11-56, Cl. 88-14.
- Green, Milton W.: *See—*  
Robinson, Kenneth W. Green, and Morton. 2,750,513.
- Green, Milton W., to Radio Corp. of America. Randomly pulsed radio ranging system. 2,768,372, 10-23-56, Cl. 343-12.
- Green, Percie F., to Rolls-Royce Ltd. Propeller-driving engines. 2,754,383, 7-10-56, Cl. 200-61-39.
- Green, Ralph W., to Radio Corp. of America. Wire stripping device. 2,735,320, 2-21-56, Cl. 81-9-8.
- Green, Richard M., to Phillips Petroleum Co. Crystal purification process and apparatus. 2,765,921, 10-9-56, Cl. 210-150-5.
- Green, Robert N. Dual side view vehicle reflector. 2,764,913, 10-2-56, Cl. 88-2-19.
- Green, Russell E.: *See—*  
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- Green, Stanley S. Humidity controller. 2,738,853, 3-20-56, Cl. 183-4-3.
- Green, Thomas A., to Bailey Meter Co. Pressure tight bearing. 2,757,053, 7-31-56, Cl. 308-187-1.
- Green, Walter P. Jr., and W. N. Meek, Jr., to Masonite Corp. Method of producing fire resistant lignocellulose hardboard products. 2,766,139, 10-9-56, Cl. 117-103.
- Green, Wilbert C. Centering device for artificial dentures. 2,738,833, 3-20-56, Cl. 32-1-9.
- Green, Willard E., to Joy Mfg. Co. Packed piston. 2,768,040, 10-23-56, Cl. 309-29.
- Green, William. Concave projection screens. 2,753,818, 7-10-56, Cl. 108-1.
- Green, Wilson P., and R. W. Roberts, to Fairbanks, Morse & Co. Gas engine ignition system. 2,763,248, 9-18-56, Cl. 123-65.
- Green, Wyman R. Multiblade hedge trimmer. 2,756,500, 7-31-56, Cl. 30-211.
- Green, Wyman R. Multi-blade hedge trimmer. 2,768,439, 7-31-56, Cl. 30-211.
- Green, Xan B. K., and H. Preble, Jr., to General Slicing Machine Co., Inc. Lock hinge. 2,735,134, 2-21-56, Cl. 16-144.
- Green, Xan B. K., and H. Preble, Jr., to General Slicing Machine Co., Inc. Detachably-mounted disc blade for food slicing machines. 2,743,468, 2-21-56, Cl. 146-102.
- Green, Xan B. K., and H. Preble, Jr., to General Slicing Machine Co., Inc. Detachably-mounted disc blade for food slicing machines. 2,748,820, 6-5-56, Cl. 146-102.
- Green, Xan B. K., and H. Preble, Jr., to General Slicing Machine Co., Inc. Positioning means for food-carrying platform of slicing machines. 2,748,907, 6-5-56, Cl. 189-36.
- Green, Xan B. K., and H. Preble, Jr., to General Slicing Machine Co., Inc. Base construction for compactly folding slicing machines and the like. 2,749,954, 6-12-56, Cl. 146-102.
- Green, Xan B. K., and H. Preble, Jr., to General Slicing Machine Co., Inc. Broilers. 2,758,589, 8-14-56, Cl. 126-41.
- Greenamyer, George P., to General Controls Co. Universal water heater control. 2,750,115, 6-12-56, Cl. 236-2-1.
- Greenamyer, George P., to General Controls Co. Universal safety temperature control unit. 2,750,116, 6-12-56, Cl. 236-2-1.
- Greenawalt, Frederick A., to Ranco Inc. Control apparatus. 2,775,687, 12-25-56, Cl. 200-116.
- Greenawalt, William E. Process of smelting copper sulfide ores. 2,735,759, 2-21-56, Cl. 75-74.
- Greenbaum, Arthur, to Academy Electrical Products Corp. Electric attachment plug receptacle having insulation penetrating means contacting twin conductors. 2,735,078, 2-14-56, Cl. 339-99.
- Greenbaum, Arthur, to Academy Electrical Products Corp. Electric attachment plug receptacle having insulation penetrating means contacting twin conductors. 2,735,078, 2-14-56, Cl. 339-99.
- Greenberg, David M.: *See—*  
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- Greenberg, Donald K., to Barnes Drill Co. Multiple spindle honing machine. 2,757,488, 8-7-56, Cl. 51-34.
- Greenberg, Emanuel M. Obstetrical forceps. 2,755,806, 7-24-56, Cl. 128-323.
- Greenberg, Emanuel M. Cervical cap. 2,764,975, 10-2-56, Cl. 128-131.
- Greenberg, Harry, to National Distillers Products Corp. Separation of acids. 2,749,364, 6-5-56, Cl. 260-537.
- Greenberg, M. M.: *See—*  
Green, Milton. 2,773,414.
- Greenberg, Morris. Ophthalmoscopes. 2,737,078, 3-6-56, Cl. 88-20.
- Greenberg, Sol, and P. W. Sokoloff, to International Telephone and Telegraph Corp. Device for detecting the sense and magnitude of a D. C. source. 2,773,946, 12-11-56, Cl. 179-171.
- Greenberger, William: *See—*  
Green, Milton. 2,773,414.
- Greenberger, William: *See—*  
Lutz, Harry H., and Greenberger. 2,770,898.
- Greenberger, William, to The Hopp Press Inc. Label structure. 2,756,525, 7-31-56, Cl. 40-20.
- Greenblatt, Albert. Static electricity grounding device. 2,767,659, 10-23-56, Cl. 102-25.
- Greenblatt, Bernard: *See—*  
Scharf, Murray M. 2,731,351.  
Scharf, Murray M. 2,731,352.
- Greenblatt, Jayson H.: *See—*  
Barnes, Kenneth N., Greenblatt, and Sullivan. 2,732,417.
- Greenblatt, Joseph. Adjustable nut and lobster cracker. 2,758,822, 8-14-56, Cl. 146-13.
- Greenburg, Reginald H., and J. A. Orsino, to National Lead Co. Storage battery active material. 2,759,036, 8-14-56, Cl. 136-2-1.
- Greenburg, Reginald H., and J. A. Orsino, to National Lead Co. Dry charged batteries. 2,759,037, 8-14-56, Cl. 136-2-6.
- Greene, Albert E. Process of directly reducing iron ore containing nickel. 2,767,075, 10-16-56, Cl. 75-31.
- Greene, Charles R., to Standard Oil Co. Polymerization of aliphatic conjugated diolefins. 2,762,790, 9-11-56, Cl. 260-82-5.
- Greene, Clarence K. Radio plotter. 2,738,096, 2-28-56, Cl. 33-75.
- Greene, Claude E., to The Monarch Machine Tool Co. Motor circuit. 2,737,620, 3-6-56, Cl. 318-258.
- Greene, Curtis. Method of forming radiant heat conduits in concrete buildings. 2,765,511, 10-9-56, Cl. 25-154.
- Greene, Edgeworth. Dash tire-pressure instruments for vehicles. 2,736,004, 2-21-56, Cl. 340-58.
- Greene, Edgeworth, to Inter-Seal Corp. Non-refillable closures. 2,759,061, 6-12-56, Cl. 215-22.
- Greene, Edward S. Masticating head for an extrusion machine. 2,732,587, 1-31-56, Cl. 18-12.
- Greene, George B.: *See—*  
Erdman, Donald C., and Greene. 2,743,429.
- Greene, Haskell M. Pressurizing of wells by gaseous release. 2,740,973, 4-3-56, Cl. 166-63.
- Greene, James: *See—*  
Battey, Alexander J., and Greene. 2,762,021.
- Greene, Joseph F., to Owens-Illinois Glass Co. Plural compartment vials and syringe cartridges. 2,766,755, 10-16-56, Cl. 128-272.
- Greene, Leo. Putty applicator or tool. 2,730,756, 1-17-56, Cl. 18-3-5.
- Greene, Leo. Putty applicator or tool. 2,755,504, 7-24-56, Cl. 18-3-5.
- Greene, Mary. Accessories for protection of, and additional material for, motor circuit. 2,752,603, 7-3-56, Cl. 2-46.
- Greene, Nolan O., to Gulf Oil Corp. Dual-zone producing apparatus. 2,752,855, 7-3-56, Cl. 103-46.
- Greene, Norman. Moldable cone bellows. 2,774,518, 12-18-56, Cl. 222-209.
- Greene, Oliver W. Expandable bead chain. 2,763,124, 9-18-56, Cl. 59-79.
- Greene, Ralph E.: *See—*  
Kienberger, Charles A., Greene, Flanders, and Flynn. 2,751,344.
- Greene, Raymond H., and J. M. Keyes, to Calumet & Hecla, Inc. Apparatus for fining metal tubes. 2,761,336, 9-1-56, Cl. 80-13.
- Greene, Robert H. Mount for web rolls. 2,738,935, 3-20-56, Cl. 242-58.
- Greene, Robert L.: *See—*  
Linn, Karl W., Smith, and Greene. 2,763,358.
- Greene, Tweed & Co.: *See—*  
Josephson, Walter S. 2,765,204.
- Greene, William D.: *See—*  
Holmes, Ellis C., and Greene. 2,773,672.
- Greene, William J., to Air Reduction Co., Inc. Torch spacing control. 2,747,152, 3-22-56, Cl. 318-286.
- Greene, William, to ACF Industries, Inc. Thrust reversal and variable orifice for jet engines. 2,753,684, 7-10-56, Cl. 60-35-6.
- Greener, Ray T., and J. B. Hazelton. Sprinkling device. 2,739,839, 3-27-56, Cl. 299-18.
- Greener, Raymond, and A. Hunter, to Western Electric Co., Inc. Terminal applying mechanism. 2,747,188, 5-29-56, Cl. 1-92.
- Greenfield, Alec, to The Greenfield Co. Vehicle clearance guide. 2,753,439, 7-3-56, Cl. 240-8-1.
- Greenfield, Alexander, to Bendix Aviation Corp. Checking circuit for correct number of received information pulses. 2,739,301, 3-20-56, Cl. 340-183.
- Greenfield, C. The: *See—*  
Greenfield, Alec. 2,753,439.
- Greenfield, Eugene W.: *See—*  
Widmer, Alfred E., and Greenfield. 2,762,770.
- Greenhut, Joseph. Constant-load spring-loaded stationary starting switch for electric motors. 2,768,260, 10-23-56, Cl. 200-80.
- Greenland, Leonard S., to H. M. Hobson Ltd. Fuel supply systems. 2,731,495, 9-4-56, Cl. 118-36-4.
- Greenlaw, Charles A. Device and method for preventing heating of a saw band. 2,746,495, 5-22-56, Cl. 143-158.
- Greenleaf, Nathaniel B. Winger type mop. 2,774,091, 12-18-56, Cl. 15-119.
- Greenlee, Claude A.: *See—*  
Greenlee, Eli M. 2,772,508.
- Greenlee, Eli M., deceased; C. A. Greenlee, administrator of the estate of said Eli M. Greenlee. Fish line pullaway sinker. 2,772,508, 12-4-56, Cl. 43-43.15.

- Greenlee, Sylvan O., to Devco & Reynolds Co., Inc. Epoxide resin cured with a polyhydric aliphatic alcohol. 2,731,444, 1-17-56, Cl. 260-47.
- Greenlee, Sylvan O., to Devco & Reynolds Co., Inc. Partial esters of epoxide resins. 2,759,901, 8-21-56, Cl. 260-18.
- Greenlee, Sylvan O., to Devco & Reynolds Co., Inc. Amino-epoxy compositions. 2,760,944, 8-28-56, Cl. 260-18.
- Greenlee, William B.: *See—*
- Tigrett, John B., and Greenlee. 2,759,245.
- Greenley, Henry R., to Airway Products, Inc. By-pass valve for power steering systems. 2,732,168, 1-24-56, Cl. 251-142.
- Greenman, Leo S. Ventilation system for automobiles and the like. 2,730,032, 1-10-56, Cl. 98-2.
- Greenough, Henry B.: *See—*
- Cutler, Wallace M., Kant, and Greenough. 2,746,047.
- Greenough, Mary R.: *See—*
- Cutler, Wallace M., Kant, and Greenough. 2,746,047.
- Greenough, Raymond E., to The Cleveland Pneumatic Tool Co. Self-sealing dirt relief means for ball screws. 2,756,608, 7-31-56, Cl. 74-459.
- Greenough, Raymond E., to The Cleveland Pneumatic Tool Co. Aircraft launching device, including a rocket propelled ball screw. 2,756,950, 7-31-56, Cl. 244-63.
- Greenough, Raymond E., to The Cleveland Pneumatic Tool Co. Sectional fluid seal. 2,768,036, 10-23-56, Cl. 309-23.
- Greensfelder, Elmer. Changeable profile toys. 2,755,577, 7-24-56, Cl. 40-28.
- Greensfelder, Elmer, O., and S. M. Frey, to The Budd Co. Method for roll-forming an annular disk. 2,750,820, 6-19-56, Cl. 80-60.
- Greenspan, Frank P., and R. J. Gall, to Food Machinery and Chemical Corp. Preparation of cyclohexene oxide. 2,745,848, 5-15-56, Cl. 260-348.5.
- Greenspan, Frank P., and R. J. Gall, to Food Machinery and Chemical Corp. In situ epoxidation of oleic acid using formic acid. 2,774,774, 12-18-56, Cl. 260-348.5.
- Greenspan, Lawrence, to The American Platinum Works. Mirror bright silver plating. 2,735,808, 2-21-56, Cl. 204-46.
- Greenspan, Lawrence, to The American Platinum Works. Mirror bright silver plating. 2,735,809, 2-21-56, Cl. 204-46.
- Greenspan, Stephen H. Supports for archery equipment. 2,745,558, 5-15-56, Cl. 211-60.
- Greenstein, Ben. Built-in uplift for ladies' garment. 2,752,600, 7-3-56, Cl. 2-42.
- Greenwald, Fred A.: *See—*
- Snow, Jack N., Greenwald, and Ticknor. 2,743,759.
- Wurtz, John W., and Greenwald. 2,757,423.
- Greenwald, Harold A., to The Garrett Corp. Engine starting mechanism. 2,737,938, 8-13-56, Cl. 123-179.
- Greenway, William T. Longitudinally adjustable fifth wheel construction for semitrailers. 2,750,207, 6-12-56, Cl. 280-407.
- Greenwood, Douglas, and H. A. Stevenson, to Boots Pure Drug Co. Ltd. Phthaloyl sulfide and acetalidial composition containing the same. 2,770,568, 11-13-56, Cl. 167-30.
- Greenwood, Henry B. Adjustable bed slide for printing and slotting machines. 2,756,113, 7-24-56, Cl. 308-5.
- Greenwood, Ivan A., Jr.: *See—*
- Chance, Britton, and Greenwood. 2,755,464.
- Gordon, Alexander, Jr., and Greenwood. 2,768,784.
- Greenwood, Murray. Toy projectile and means to propel same. 2,751,711, 6-26-56, Cl. 46-199.
- Greenwood, Paul, to R. Washer. Pile fabric cutting device. 2,754,564, 7-17-56, Cl. 26-14.
- Greer, Cecil B., and A. B. Coleman. Force indicating apparatus. 2,765,654, 10-9-56, Cl. 73-141.
- Greer, Edith S.: *See—*
- Gillespie, Russell A. 2,768,716.
- Greer, Edward M., to Greer Hydraulics, Inc. Test equipment for oil temperature regulating valves. 2,729,095, 1-3-56, Cl. 73-1.
- Greer, Edward M., and J. Kendall, to Greer Hydraulics, Inc. Material handling manipulator. 2,765,930, 10-9-56, Cl. 214-1.
- Greer, Edward M., and J. Mercier, to G. M. E. Corp. Power operated hatch cover. Re. 2,438, 11-13-56, Cl. 190-188.
- Greer, Elva O. Pocket protector. 2,746,058, 5-22-56, Cl. 2-249.
- Greer, Fred W., to J. W. Greer Co. Conveyor trays. 2,734,283, 2-14-56, Cl. 34-238.
- Greer, Fred W., to J. W. Greer Co. Tray conveyor mechanism. 2,736,417, 2-28-56, Cl. 198-31.
- Greer, Henry W., R. W. Hompe, and G. J. Pinel, to Smith, Kline & French Laboratories. Device for applying bands to containers. 2,760,321, 8-28-56, Cl. 53-292.
- Greer Hydraulics, Inc.: *See—*
- Greer, Edward M., and J. Kendall. 2,765,930.
- Greer, J. W., Co.: *See—*
- Greer, Fred W. 2,734,283.
- Greer, Fred W. 2,736,417.
- Greer, Leonard, to Burndy Engineering Co., Inc. Crimping press. 2,775,283, 12-25-56, Cl. 153-1.
- Greer, Walton J., to Halliburton Oil Well Cementing Co. Apparatus for determining density of fluids. 2,735,944, 2-13-56, Cl. 250-43.
- Greeson, Orion S. Multiple switch with release mechanism. 2,766,334, 10-9-56, Cl. 200-5.
- Greffe, André, to Societe d'Electro-Chimie d'Electro-Metallurgie et des Aciéries Electriques d'Ugine. Process for removing lead from ores. 2,733,989, Cl. 75-77.
- Greger, Edward J., to General Motors Corp. Odometer shaft retainer. 2,737,424, 3-6-56, Cl. 308-163.
- Gregersen, Halfdan: *See—*
- Facer, Leroy H. 2,739,885.
- Facer, Leroy H. 2,739,886.
- Facer, Leroy H. 2,740,115.
- Facer, Leroy H. 2,740,116.
- Gregersen, Hermann. Transmission line maintenance derrick. 2,733,818, 2-7-56, Cl. 212-S.
- Gregersen, Magnus I.: *See—*
- Facer, Leroy H. 2,739,885.
- Facer, Leroy H. 2,739,886.
- Facer, Leroy H. 2,740,115.
- Facer, Leroy H. 2,740,116.
- Gregg, Andrew P.: *See—*
- Stiehler, Robert D., and Gregg. 2,766,618.
- Gregg, Earl M. Fire extinguisher. 2,749,993, 6-12-56, Cl. 169-26.
- Gregg, Lowell E., K. O. Lange, W. H. Alcock, and J. H. Havens, to The Firestone Tire & Rubber Co. Repeated flexure testing machine. 2,754,681, 7-17-56, Cl. 73-100.
- Gregg, Robert A.: *See—*
- Doak, Kenneth W., and Gregg. 2,734,887.
- Gregg, Robert A., to United States Rubber Co. Air-drying resin made from allylic alcohol, an oxirane and an unsaturated basic acid. 2,729,623, 1-3-56, Cl. 260-78.5.
- Gregg, Wallace. Room cooler. 2,750,167, 6-12-56, Cl. 261-24.
- Greigore, Joseph P. Motor driven brush. 2,736,408, 2-28-56, Cl. 15-28.
- Gregorius, Joseph S., to Pittsburgh Plate Glass Co. Glass refining apparatus. 2,730,338, 1-10-56, Cl. 259-8.
- Gregory, Alfred T., and K. A. Browne, to Fairchild Engine and Airplane Corp. Fluid impeller structure. 2,743,053, 4-24-56, Cl. 230-120.
- Gregory, Charles E.: *See—*
- Russell, Charles, Hunter, and Gregory. 2,756,593.
- Gregory, Douglas A., to B. H. Bunn Co. Clamping devices. 2,761,377, 9-4-56, Cl. 100-232.
- Gregory, Edwin C., to Electronics Research, Inc. Weighing and feeding control system. 2,763,457, 9-18-56, Cl. 249-35.
- Gregory Industries, Inc.: *See—*
- Friedly, Robert C., Tawse, and Singleton. 2,761,229.
- Sholle, Roger W. 2,761,955.
- Sholle, Roger W. 2,761,957.
- Webster, Dale A. 2,775,685.
- Gregory, Ivan H., to Acme Steel Co. Steel band crimping machine. 2,752,807, 4-3-56, Cl. 81-91.
- Gregory, Marion B., to The Baldwin Piano Co. Audio amplifier compensated gain control. 2,756,287, 7-24-56, Cl. 179-171.9.
- Gregory, Paul, M. Genas, and O. Kostelitz, to "Organico." Pyrolysis of ricinoleic esters. 2,737,519, 3-6-56, Cl. 260-10.9.
- Gregory, Stanley O.: *See—*
- Brown, William D., and Gregory. 2,762,996.
- Gregory, Vance P.: *See—*
- Pfohl, Frank W., and Gregory. 2,736,658.
- Grady, Susan, Jan H., and Gregory. 2,733,206.
- Gregory, Walter A., to E. I. du Pont de Nemours and Co. Resolution of phenylaminopropanediols and intermediates. 2,740,809, 4-3-56, Cl. 260-519.
- Gregory, Walter A., to E. I. du Pont de Nemours and Co. N-(sulfonylphenacyl) hexamethylenetetraaminium halides. 2,744,111, 6-1-56, Cl. 260-243.5.
- Gregory, Walter A., to E. I. du Pont de Nemours and Co. Amides of Sulfonylserinophenones. 2,744,136, 5-1-56, Cl. 260-562.
- Gregory, Walter A., to E. I. du Pont de Nemours and Co. Hydrazinosulfonylphenylmidopropanediols and preparation. 2,761,876, 9-4-56, Cl. 260-556.
- Gregory, Walter A., to E. I. du Pont de Nemours and Co. Alpha-halogenated alkylsulfonylacetophenones. 2,763,692, 9-18-56, Cl. 260-592.
- Gregory, Walter A., and M. Paulshock, to E. I. du Pont de Nemours and Co. Resolution of phenylaminopropanediols and intermediates. 2,742,500, 4-17-56, Cl. 260-559.
- Gregory, Walter A., and A. Kreuchnas, to E. I. du Pont de Nemours and Co. 5-alkylmercapto-2-heterocyclic aldehydes and ketones. 2,746,973, 5-22-56, Cl. 260-332.3.
- Gregory, Walter A., and A. Kreuchnas, to E. I. du Pont de Nemours and Co. Preparation of 4-substituted mercapto-phenyl aldehydes and ketones. 2,761,873, 9-4-56, Cl. 260-516.
- Gregory, William C. Cleaning apparatus. 2,729,917, 1-10-56, Cl. 51-13.
- Gregory, William L., and F. C. Holmes, to Pye Ltd. Amplifier attenuators. 2,743,324, 4-24-56, Cl. 179-171.
- Gregson, Alvero C.: *See—*
- Lockwood, Robert C., Gregson, and Breischacher. 2,759,051.
- Greider, Harold W., and G. A. Fasold, to The Philip Carey Mfg. Co. Fire resistant bituminous composition. 2,738,286, 3-13-56, Cl. 106-281.
- Greif Bros. Coöperage Corp.: *See—*
- Suines, Alvis H. 2,745,455.
- Greig, Harold G., to Radio Corp. of America. Electrophotographic recorder. 2,730,023, 1-10-56, Cl. 95-17.
- Greig, Harold G., to Radio Corp. of America. Process of electrostatic printing. 2,735,785, 2-21-56, Cl. 117-17.5.



- Greig, Harold G., and C. J. Young, to Radio Corp. of America. Process of electrostatic printing. 2,735,784, 2-21-56, Cl. 117-17.5.
- Greiman, Benjamin F. Plant shield for cultivators. 2,762,287, 9-11-56, Cl. 97-188.
- Grein, Hermann, to Barmer Maschinenfabrik Aktiengesellschaft. Thread winding apparatus. 2,732,142, 1-24-56, Cl. 242-45.
- Greiner, Charles J.: *See—*
- Banks, Charles T., Greiner, and Sabee. 2,759,441.
- Rutkus, Harold V., and Greiner. 2,761,506.
- Rutkus, Harold V., and Greiner. 2,761,677.
- Sabee, Reinhardt N., Rutkus, and Greiner. 2,761,676.
- Greiner, Charles J., and R. N. Sabee, to Kimberly-Clark Corp. Apparatus for separating connected stacks of sheet material and transporting and turning the separated stacks. 2,760,509, 9-4-56, Cl. 164-84.5.
- Greiner, Emil, Co., The: *See—*
- Gilmont, Roger. 2,767,003.
- Greiner, John R., to Lennox Industries, Inc. Blower assembly. 2,764,341, 9-25-56, Cl. 230-117.
- Greisman, Bernard. Container. 2,750,100, 6-12-56, Cl. 229-31.
- Greissman, Louis. Apparatus for filling containers with fluid material. 2,757,844, 8-7-56, Cl. 226-95.
- Greist Mfg. Co., The: *See—*
- Baehr, Carl G. 2,753,388.
- Baehr, Carl G., and Connors. 2,735,387.
- Baehr, Carl G., and Connors. 2,770,206.
- Connors, John. 2,742,871.
- Johnson, Harry N. 2,763,440.
- Grela, Milton W., and G. F. Clifford, Jr., to International Equipment Co. Test tube rack for centrifuges. 2,755,018, 7-17-56, Cl. 232-26.
- Grell, La Verne E. Adjustable gate type neck stock. 2,732,827, 1-31-56, Cl. 119-99.
- Greiminger, George K., Jr., and M. A. Weaver, to The Dow Chemical Co. Thermoplastic compositions of water-soluble cellulose ethers. 2,771,377, 11-20-56, Cl. 106-186.
- Grie, Inc.: *See—*
- Greaves, Fred G., and Blumberg. 2,766,911.
- Grnell, Leland H., to General Motors Corp. Refrigerating apparatus. 2,745,936, 5-15-56, Cl. 219-12.
- Grnell, Leland H., to General Motors Corp. Method of joining an aluminum tube to a steel refrigerator compressor. 2,769,231, 11-6-56, Cl. 29-471.7.
- Grnell, Leland H., to General Motors Corp. Refrigerating apparatus of dissimilar metals. 2,769,318, 11-6-56, Cl. 62-115.
- Grnell, Leland H., and H. M. Campbell, to Olin Mathieson Chemical Corp. Method of making heat exchangers. 2,759,247, 8-21-56, Cl. 29-157.3.
- Grnell, Leland H., and C. H. Wurtz, to General Motors Corp. Refrigerating apparatus of dissimilar metals. 2,760,346, 8-28-56, Cl. 62-116.
- Grönbe, Herbert E., to General Electric Co. Induction heating apparatus. 2,764,660, 9-25-56, Cl. 219-10.51.
- Greppin, Ernest H., to Wilmot Castle Co. Surgical lighting system for television and other cameras. 2,758,196, 8-7-56, Cl. 240-1.3.
- Gres, Marcel E., and E. H. Block, to the United States of America, as represented by the Secretary of the Navy. Diaphragm actuated snap action switch. 2,766,350, 10-9-56, Cl. 200-83.
- Gresham, Donald C., to McCorquodale-Gresham, Inc. Photographic method of making intaglio printing elements. 2,731,846, 1-17-56, Cl. 99-5.
- Gresham, William F., and M. A. Naylor, Jr., to E. I. du Pont de Nemours and Co. Novel polyimides. 2,731,447, 1-17-56, Cl. 260-78.
- Gretnere, Edgar. Projection-color television receiver. 2,740,820, 4-3-56, Cl. 178-5.4.
- Gretnere, Edgar. Television optical projection system. 2,740,830, 4-3-56, Cl. 178-5.4.
- Gretnere, Edgar. Apparatus for simultaneous projection of a plurality of images composing a television image. 2,740,833, 4-3-56, Cl. 178-5.4.
- Gretnere, Edgar. Optical illumination system with homogeneous distribution of light for projectors. 2,771,001, 11-20-56, Cl. 88-24.
- Grether, Tobias. Distributor for fertilizers, dusts, and the like. 2,742,196, 4-17-56, Cl. 222-227.
- Greth, George J. Carburetors. 2,752,131, 6-26-56, Cl. 261-23.
- Gretzinger, John R.: *See—*
- Bowers, Roy L., and Gretzinger. 2,751,085.
- Gretzinger, John R., to General Motors Corp. Oil filter. 2,747,444, 9-25-56, Cl. 210-183.
- Gretzinger, John R., J. A. Chea, and M. G. Hanson, to General Motors Corp. Filters. 2,754,002, 7-10-56, Cl. 210-169.
- Greulich, Gerald G. Sheet metal airfield deck planks. 2,736,248, 2-28-56, Cl. 94-13.
- Greulich, Gerald G. Sheet metal airfield deck mats. 2,737,093, 3-6-56, Cl. 94-13.
- Greulich, Gerald G., to Coco Steel Products Corp. Metal wall panel assembly. 2,739,677, 3-27-56, Cl. 189-86.
- Greulich, Gerald G. Grating for bridge floors and the like. 2,740,355, 4-3-56, Cl. 94-30.
- Grevingoed, Paul H., to National Brass Co. Latch spindle spring device. 2,733,089, 1-31-56, Cl. 292-1.
- Grewe, Rudolf, to Hoffmann-La Roche Inc. Process for the manufacture of N-methyl-B-cyclohexen-(1)-ylethylamine. 2,744,137, 5-1-56, Cl. 260-563.
- Grewe, Theodor: *See—*
- Beerbaum, Friedrich, Grewe, and Steinbuch. 2,737,629.
- Grey, Gordon E. Self-unloading wagon. 2,748,965, 6-5-56, Cl. 214-505.
- Grey, Gregory F., to The Ohio Nut & Bolt Co. Electrode for attaching weld nuts. 2,731,535, 1-17-56, Cl. 219-4.
- Grey, John C., to Power Jets (Research & Development) Ltd. Gas turbine plant. 2,743,051, 4-24-56, Cl. 230-9.
- Grey, John C., to Power Jets (Research & Development) Ltd. Fluid cooling plant for mines. 2,767,560, 10-23-56, Cl. 62-134.
- Grey, John C., to Power Jets (Research & Development) Ltd. Mass flow monitor. 2,770,968, 11-20-56, Cl. 73-205.
- Grib, Boris F., to Philamon Laboratories, Inc. Temperature compensation for tuning forks. 2,732,748, 1-31-56, Cl. 88-187.
- Gribble, Robert. Flower pot or vase holder. 2,768,805, 10-30-56, Cl. 248-361.
- Gribble, Ernest O. Cutting attachment for sewing thimble. 2,774,978, 12-25-56, Cl. 7-14.5.
- Gribble, Joseph J.: *See—*
- Goudy, Paul R., and Gribble. 2,759,054.
- Gribble, Joseph J., to Square D Co. Reversing drum switch. 2,775,661, 12-25-56, Cl. 200-1.
- Gridley, Darrin H. Deflected beam tube binary adder. 2,735,936, 2-21-56, Cl. 250-27.
- Grieb, Benjamin C., to Whitin Machine Works. Bobbin clutch. 2,766,946, Cl. 249-46.5.
- Grieb, John J., N. Rigabar, and R. F. Taylor, to R. F. Taylor. Apparatus for grinding and refining material. 2,748,667, 6-5-56, Cl. 92-26.
- Griebel, Margaret A.: *See—*
- Shoemaker, Clarence J., and Griebel. 2,764,085.
- Grieco, Rocco P. Fixture for supporting a tool subject to grinding. 2,735,245, 2-21-56, Cl. 51-220.
- Grieff, Johann T. Hygienic milking buckets and like containers. 2,765,093, 10-2-56, Cl. 220-1.
- Grieg, Donald D., to International Telephone and Telegraph Corp. Bandpass filter system. 2,735,073, 2-14-56, Cl. 333-73.
- Grieg, Donald D., to International Standard Electric Corp. Supports for transmission line. 2,737,632, 3-6-56, Cl. 33-97.
- Grieg, Donald D., to International Telephone and Telegraph Corp. Microwave switching arrangements. 2,773,242, 12-4-56, Cl. 333-7.
- Grieg, Donald D., to International Telephone and Telegraph Corp. Band pass filter. 2,773,244, 12-4-56, Cl. 333-73.
- Grieg, Donald D., and H. F. Engelmann, to International Telephone and Telegraph Corp. Radio frequency filter. 2,751,558, 6-19-56, Cl. 333-73.
- Grier, James W. W. and V. P. Portable saw guide and meter attachment. 2,735,456, 2-21-56, Cl. 143-6.
- Grier, Verlee P.: *See—*
- Grier, James W. W. and V. P. 2,735,456.
- Griesbach, Otto, to Bayerische Berg-, Hütten- und Salzwerke A. G. Circular knitting machine. 2,749,728, 6-12-56, Cl. 66-14.
- Grieshaber, Emil, and P. S. Shirley, to Nordberg Mfg. Co. Turbo-charger system, involving plural turbine driven superchargers. 2,773,348, 12-11-56, Cl. 60-13.
- Grieshaber, Hermann. Surgical instrument. 2,743,726, 5-1-56, Cl. 128-321.
- Griesinger, Karl, to L. Schuler A. G. Drawing press. 2,764,114, 9-25-56, Cl. 113-46.
- Griesinger, Walter H. Orthodontic pacifier. 2,743,727, 5-1-56, Cl. 128-360.
- Griesser, Fritz. Venetian blinds. 2,732,010, 1-24-56, Cl. 160-170.
- Griesser, Fritz, to Rolladenfabrik A. Griesser A.-G. Venetian blinds. 2,742,962, 4-24-56, Cl. 160-170.
- Griest, Raymond H., to Hughes Aircraft Co. Multiplying lever. 2,771,353, 11-27-56, Cl. 116-114.
- Grieve, George P., and T. L. Hendry. Ventilated housing for radio apparatus and the like. 2,735,964, 2-21-56, Cl. 317-101.
- Grieve, George T. W.: *See—*
- Aubrey, Grieve, and Conning. 2,751,077.
- Grieve, John, to C. Harper. Inboard drive for water craft. 2,769,421, 11-6-56, Cl. 115-53.
- Griffes, Milton W.: *See—*
- Griffes, Orin B. and M. W. 2,753,035.
- Griffes, Milton W., and C. W. Merchant, to The Euclid Electric & Mfg. Co. Electric control device. 2,740,074, 3-27-56, Cl. 317-178.
- Griffes, Milton W., and G. R. Merchant, to The Euclid Electric & Mfg. Co. Overdrive control and braking system. 2,774,020, 12-11-56, Cl. 318-203.
- Griffes, Milton W., to The Euclid Electric & Mfg. Co. Overdrive control and braking system. 2,774,023, 12-11-56, Cl. 318-212.
- Griffes, Orin B. and M. W., to Addressograph-Multigraph Corp. Embossing machine. 2,753,035, 7-3-56, Cl. 197-6.
- Griffin, Anselm C., Jr.: *See—*
- Speakes, Charles C., and Griffin. 2,747,234.
- Griffin, Cecil M. Tube cleaner. 2,734,208, 2-14-56, Cl. 15-104.06.
- Griffin, Curtis E. Process for retardation of the deterioration of produce. 2,759,827, 8-21-56, Cl. 99-154.
- Griffin, George D.: *See—*
- Folk, Russell C. 2,745,544.
- Griffin & George Ltd.: *See—*
- Sutton, Gerald J. 2,731,696.

- Griffin, Ira L. Heated cover for slasher size box. 2,763,912, 9-25-56, Cl. 28-28.
- Griffin, John D., to Deering Milliken Research Corp. Method and means for eliminating set marks. 2,756,781, 7-31-56, Cl. 139-291.
- Griffin, Lelia. Orthopedic table. 2,749,911, 6-12-56, Cl. 128-70.
- Griffin, Leo L.: *See*—  
McClellan, Marcus E., Skromme, Sutherland, Adams, and Griffin. 2,746,233.
- Griffin, Lindsay J., Jr., to Esso Research and Engineering Co. Contacting of gases with fluidized solids with the use of chains in the fluidized bed. 2,769,771, 11-6-56, Cl. 196-52.
- Griffin, Mark C. Adjusting mechanism for endless conveyor type ditching machine. 2,747,307, 5-29-56, Cl. 37-90.
- Griffin, Nicholas E.: *See*—  
Sullivan, Lawrence J. 2,742,218.
- Griffin, Paul, to The Bristol Aeroplane Co. Ltd. Methods of manufacturing metal structures. 2,755,217, 7-17-56, Cl. 154-118.
- Griffin, Thomas S., and W. Rodgers, to National Lead Co. Dissolution of titaniferous ore concentrates with amine addition. 2,767,053, 10-16-56, Cl. 23-117.
- Griffin Wheel Co.: *See*—  
Sylvester, Edmund Q. 2,761,201.  
Sylvester, Edmund Q. 2,765,505.  
Sylvester, Edmund Q. 2,768,020.
- Griffin, William C.: *See*—  
Cross, Sherwood T., and Griffin. 2,746,868.
- Griffin, William D.: *See*—  
Joris, George G., and Griffin. 2,743,300.
- Griffith, Alan A., to Rolls-Royce Ltd. Aircraft and gas turbine power plant installations therefor. 2,759,686, 8-21-56, Cl. 244-15.
- Griffith, Andrew S., Jr., R. E. McDonald, and R. E. Wilfong, to E. I. du Pont de Nemours & Co. Pressure washing process. 2,733,121, 1-31-56, Cl. 18-54.
- Griffith, Brooks D., to Radio Corp. of America. Semi-conductor size generator. 2,745,960, 5-15-56, Cl. 250-36.
- Griffith, Carroll L.: *See*—  
Hall, Lloyd A., and Griffith. 2,770,550.
- Griffith, Carroll L., and L. Sair, to The Griffith Laboratories, Inc. Oil soluble synergistic antioxidant. 2,768,084, 10-23-56, Cl. 90-3.
- Griffith, Charles G., to Rohr Aircraft Corp. Method and machine for cutting metal. 2,765,394, 10-2-56, Cl. 219-69.
- Griffith, Donald I.,  $\frac{1}{2}$  to J. P. Ruth. Turbogenerator foundation. 2,733,029, 1-31-56, Cl. 248-13.
- Griffith, Edward F. Clothes hanger. 2,737,323, 3-6-56, Cl. 91-1.
- Griffith, Edward J., to Monsanto Chemical Co. Metaphosphate composition. 2,774,672, 12-18-56, Cl. 99-95.
- Griffith, Granville B. Sprinklers. 2,731,296, 1-17-56, Cl. 299-69.
- Griffith, James S.: *See*—  
Brundstreet, Samuel W., and Griffith. 2,763,569.
- Griffith, John D., to American Smelting and Refining Co. Apparatus for cooling gases. 2,767,025, 10-16-56, Cl. 299-133.
- Griffith Laboratories, Inc.: *See*—  
Hall, Lloyd A. 2,758,931.  
Hall, Lloyd A. 2,761,784.  
Hall, Lloyd A. 2,770,549.  
Hall, Lloyd A. 2,772,169.  
Hall, Lloyd A. 2,772,170.  
Hall, Lloyd A., and Griffith. 2,770,550.  
Hall, Lloyd A., and Kalcbbrenner. 2,770,548.  
Hall, Lloyd A., and Kalcbbrenner. 2,770,551.  
Griffith, Carroll L., and Sair. 2,768,084.
- Griffith, Le Roy A.: *See*—  
Frazel, Richard M., and Griffith. 2,767,584.
- Griffith, Le Roy A., to Minneapolis-Honeywell Regulator Co. Fuel duration computer. 2,772,049, 11-27-56, Cl. 235-61.
- Griffith, Le Roy A., and R. M. Frazel, to Minneapolis-Honeywell Regulator Co. Refueling control apparatus. 2,763,283, 9-18-56, Cl. 137-392.
- Griffith, Leweyn B. Selective solids removal. 2,733,816, 2-5-56, Cl. 210-172.
- Griffith, Park M.: *See*—  
Reynolds, Merle D., and Griffith. 2,729,115.
- Griffith, Raymond A.: *See*—  
Waschle, Leo P., and Griffith. 2,752,817.
- Griffiths, Rupert.: *See*—  
Griffiths, Window-mounted clothesline. 2,754,010, 7-10-56, Cl. 211-97.
- Griffiths, Edgar J. Stack type filter with channeled center standard. 2,770,370, 11-13-56, Cl. 210-183.
- Griffiths, Edward M., to National Glass Co., Inc. Method of surface treating and extruding die with chromium. 2,758,670, 2-28-56, Cl. 117-65.
- Griffiths Electronics, Inc.: *See*—  
Griffiths, Leighton E. 2,758,236.
- Griffiths, Leighton E., to Griffiths Electronics, Inc. Control of electron emission. 2,758,236, 8-7-56, Cl. 313-82.
- Griffiths, Michael J.: *See*—  
Munday, Charles W., Peakin, and Griffiths. 2,744,234.
- Griffiths, Rupert.: *See*—  
Mathisen, Anders, and Griffiths. 2,736,779.
- Griffiths, Rupert, and A. Mathisen,  $\frac{1}{2}$  to Graving Mfg. Co. Ltd., and  $\frac{1}{2}$  to The Wilkinson Sword Co. Ltd. Temperature change responsive devices. 2,740,018, 3-27-56, Cl. 200-137.
- Griffiths, Winfield S.: *See*—  
Drain, Gerbert D., and Griffiths. 2,748,693.
- Grifton, Alfred L. Scissors. 2,749,615, 6-12-56, Cl. 30-262.
- Grifo, Richard A., to General Aniline & Film Corp. Detergents. 2,766,212, 10-9-56, Cl. 252-152.
- Grizar, Otto. Combination fuel injection pump and fuel injection nozzles. 2,759,771, 8-21-56, Cl. 299-107.2.
- Griggs, Ernest T.: *See*—  
Wahlborn, Ernest T. 2,771,334.
- Griggs, Nelson S. Flexible running edge for ski. 2,743,113, 4-24-56, Cl. 280-11.13.
- Griggs, Osborn E.: *See*—  
Wahlborn, Ernest T. 2,771,369.
- Griggs, William H., and W. T. Heard, to Eastman Kodak Co. Method of sizing photographic paper and resultant product. 2,739,062, 3-20-56, Cl. 95-88.
- Griggs, William H., and H. C. Staehle, to Eastman Kodak Co. Light sensitive photographic paper and method for its production. 2,756,150, 7-24-56, Cl. 95-3.
- Griggs, William H., and G. R. Seclist, to Eastman Kodak Co. Water resistant coatings for photographic paper and method for producing same. 2,760,864, 8-28-56, Cl. 95-8.
- Griglak, Stephen I. Galley locks. 2,768,829, 10-30-56, Cl. 276-41.
- Grigall, Allison Co., Inc.: *See*—  
Allison, Kenneth C. 2,755,347.
- Grill, Raymond E., to Northrop Aircraft, Inc. Rocket and fuel pod. 2,763,189, 9-18-56, Cl. 89-1.7.
- Grilley, Frank C., and M. M. Smith, to Room-Temp Lockers, Inc. Refrigerated display cabinets. 2,774,225, 12-18-56, Cl. 62-89.5.
- Grilli, John P.: *See*—  
Mohr, Albert, Jr., and Grilli. 2,773,610.
- Grillo, Joseph, to Ward Leonard Electric Co. Conversion of reversible phase A, C signal to reversible polarity D, C signal. 2,740,950, 4-3-56, Cl. 340-178.
- Grillo, Joseph, to Ward Leonard Electric Co. Battery cell voltage comparison system. 2,745,090, 5-8-56, Cl. 340-253.
- Grillo, Joseph, to Ward Leonard Electric Co. Frequency regulating apparatus. 2,754,468, 7-10-56, Cl. 322-24.
- Grinard, Edward. Densitometer for hulling grains. 2,731,052, 1-17-56, Cl. 146-290.
- Grimes, Albert R.: *See*—  
Erhardt, John E., Jr., and Grimes. 2,770,793.
- Grimes, Lester A., to The Reliable Automatic Sprinkler Co., Inc. Pendant sprinkler head. 2,732,018, 1-24-56, Cl. 169-39.
- Grimes, Milton J.: *See*—  
Grimm, Albert C., and Grimes. 2,733,366.
- Grimes, T. S.: *See*—  
Wallace, Reynolds E. 2,752,087.
- Grimes, William M., Jr., to the United States of America as represented by the Secretary of the Navy. Electronic test equipment. 2,730,674, 1-10-56, Cl. 324-20.
- Grimes, William W., to The Standard Oil Co. Oxidation of waste gases. 2,756,121, 7-24-56, Cl. 23-1.
- Grinland, Charles J., to The Thompson Mfg. Co. Folding chairs. 2,753,922, 7-10-56, Cl. 155-142.
- Grimm, Albert C., and M. J. Grimes, to Radio Corp. of America. Target assemblies for color-kinescopes etc. 2,733,366, 1-31-56, Cl. 313-85.
- Grimm, Bruce F. Collapsible container. 2,751,953, 6-26-56, Cl. 150-0.5.
- Grimm, Godfrey, and A. A. Brizzolara, to E. I. du Pont de Nemours & Co. Organic pigment production. 2,772,983, 12-4-56, Cl. 106-289.
- Grimm, John F.: *See*—  
Bazarian, Albert V., Grimm, Gusman, and Silver. 2,767,350.
- Gusman, Leo, Bazarian, Silver, and Grimm. 2,774,915.
- Grimme, Walter, to Rheinpreussen Aktiengesellschaft fur Bergbau und Chemie. Preparation of p-aminosalicylic acid esters through the thionylaminosalicylic acid chloride. 2,763,678, 9-18-56, Cl. 260-471.
- Grimme, Walter, and J. Wöllner, to Rheinpreussen Aktiengesellschaft fuer Bergbau und Chemie. 2-hydroxy 1,1,1-trimethylol propane. 2,752,399, 6-26-56, Cl. 260-635.
- Grimme, Walter, and J. Wöllner, to Rheinpreussen Aktiengesellschaft fuer Bergbau und Chemie. Preparation of polymerization products from 2-hydroxymethyl-butene-1-one (3) ethers. 2,760,952, 8-28-56, Cl. 260-63.
- Grimme, Walter, H. Emde, H. Schmitz, and J. Wöllner, to Rheinpreussen Aktiengesellschaft fur Bergbau und Chemie. 4-monoalkylaminosalicylic acids and 4-monoalkyloxalkylaminosalicylic acids. 2,766,278, 10-9-56, Cl. 260-519.
- Grimshaw, Charles S.: *See*—  
Herrman, Howard E., and Grimshaw. 2,751,197.
- Grimshaw, Charles S., to General Electric Co. Motor protection device. 2,729,778, 1-3-56, Cl. 318-221.
- Grimshaw, Leonard C., to Firth Sterling, Inc. Low alloy high speed steel. 2,736,650, 2-28-56, Cl. 75-126.
- Grindle Corp.: *See*—  
Ekstrom, Regner A., Jr. 2,729,301.
- Griner, Clarence O., to United States Register Co. Butterfly damper. 2,735,353, 8-21-56, Cl. 98-2.
- Griner, Clarence O., to United States Register Co. Outlet damper assembly. 2,740,348, 4-3-56, Cl. 98-106.
- Griner, Clarence O., to United States Register Co. Rotary key operated register. 2,761,372, 9-4-56, Cl. 98-110.
- Griner, Leslie J., to Alico, Inc. Matrix drying apparatus and machine. 2,731,733, 1-24-56, Cl. 34-60.
- Griner, Leslie J.,  $\frac{1}{2}$  to H. L. McAtee, and  $\frac{1}{2}$  to R. K. Burgie. Storage battery guarantee label. 2,767,238, 10-30-56, Cl. 136-181.
- Gringer, Donald, to L. Gringer. Keyhole saw with rotary adjustment for the blade. 2,773,528, 12-11-56, Cl. 145-31.



- Gringer, Louis: *See*—  
Gringer, Donald, 2,773,528.
- Grinling, Patrick H. Secateurs. 2,734,268, 2-14-56, Cl. 30—193.
- Grinnell Corp.: *See*—  
Duncan, James A. 2,758,294.  
Loepinger, Albert J., and Duncan. 2,756,413.  
Sherburne, Philip C. 2,768,696.  
Williams, James H. 2,766,613.
- Grinstead, Carl E., and R. W. Prichard, to Photocopy Research Products. Sequential circuit control device. 2,774,063, 12-11-56, Cl. 340—345.
- Grinstead, Robert R.: *See*—  
Bailes, Richard H., and Grinstead. 2,770,522.  
Bailes, Richard H., Lindbom, and Grinstead. 2,768,059.
- Grip, Erik K., to Katielager Atvidberg-Facit. Translating device for calculating machines and the like. 2,744,686, 5-8-56, Cl. 235—140.
- Gripars, Andrew G. Device for producing audible signals. 2,756,416, 7-24-56, Cl. 340—405.
- Grisaniti, Amadeo. Belts. 2,764,762, 10-2-56, Cl. 2—322.
- Griscorn-Russell Co. The: *See*—  
Bonifrank, Jr. 2,766,903.  
Bruegger, Ernest. 2,766,805.  
Gardner, Karl A., and Bonifrank, Jr. 2,743,089.  
Wallace, Robert M. 2,774,384.
- Grisdale, Richard O.: *See*—  
Baker, William O., and Grisdale. 2,736,642.
- Grisdale, Richard O., and H. A. Sauer, to Bell Telephone Laboratories, Inc. Method for producing conducting coils. 2,739,371, 8-27-56, Cl. 29—155-57.
- Grisé, Alfred L.: *See*—  
Bills, Philip H., and Grisé. 2,742,188.
- Grisé, Alfred L., to Gilbert & Barker Mfg. Co. Hose mounting for fluid dispensing apparatus. 2,742,320, 4-17-56, Cl. 299—77.
- Grisé, Alfred L., to Gilbert & Barker Mfg. Co. Swinging arm hose retriever for fluid dispensing apparatus. 2,744,738, 5-7-56, Cl. 299—77.
- Griselle, Sherman W. Key case. 2,774,405, 12-18-56, Cl. 150—40.
- Griset, Ernest J. Jr., to American Enka Corp. Jet box. 2,774,237, 12-18-56, Cl. 68—181.
- Griset, Ernest J. Jr., to American Enka Corp. Safety device for use in the production of tow. 2,774,423, 12-18-56, Cl. 164—36.
- Griset, Ernest J. Jr., and D. L. Hart, to American Enka Corp. Abrading yarn. 2,734,333, 2-14-56, Cl. 57—2.
- Griskell, Philip R. Portable electric spot welder. 2,749,417, Cl. 54, Cl. 273—78.
- Griswold, David E., to D. G. Griswold. Surge pressure control means. 2,749,080, 6-5-56, Cl. 251—28.
- Griswold, David E., to D. G. Griswold. Valve closing speed control means. 2,771,905, 11-27-56, Cl. 137—488.
- Griswold, David G.: *See*—  
Griswold, David E. 2,749,080.  
Griswold, David E. 2,771,905.
- Griswold, Hector W.: *See*—  
Brownlee, Robert N., and Griswold. 2,773,503.
- Griswold, Hugh T., and J. W. Thomson, Jr., to Owens-Illinois Glass Co. Article handling apparatus. 2,764,274, 9-25-56, Cl. 195—30.
- Griswold, Lee M. System for converting mechanical movement into a related number of electrical pulses. 2,773,995, 12-11-56, Cl. 307—98.
- Griswold, Owen H. Angular transmission for shafts. 2,750,766, 6-19-56, Cl. 64—6.
- Griswold, Owen H. Safety caps for aircraft fuel tanks. 2,771,210, 11-20-56, Cl. 220—40.
- Griswold, Ray F., to Hazan Corp. Pneumatic cushions. 2,751,610, 6-26-56, Cl. 5—348.
- Griswold, Stanley M. Golf putting device. 2,742,294, 4-17-56, Cl. 273—78.
- Griswold, Walter R., and B. J. Nigrelli, to Container Corp. of America. Carton loading machine. 2,739,430, 3-27-56, Cl. 53—186.
- Griswold, Walter R., and B. J. Nigrelli, to Nekooza-Edwards Corp. Ream wrapping machine. 2,739,431, 3-27-56, Cl. 53—231.
- Gritman, Carl, to Electro-Acid Corp. Electric storage battery. 2,767,237, 10-16-56, Cl. 136—79.
- Grirot, Maxime: *See*—  
Dussaussoy, Pierre, and Grirot. 2,752,532.
- Groat, Joseph, to Champion Ltd. Squeezers for screen and stencil printing. 2,753,794, 7-10-56, Cl. 101—124.
- Groat, Francis P., to The Magee Carpet Co. Method of weaving pile fabrics. 2,729,246, 1-3-56, Cl. 139—39.
- Groat, Francis P., to The Magee Carpet Co. Pile fabric and method of making same. 2,754,578, 7-17-56, Cl. 28—72.
- Grob & Co. Aktiengesellschaft: *See*—  
Muller, Walter. 2,737,982.
- Grobey, Paul A., to Bryant Chucking Grinder Co. Taper gage. 2,735,187, 2-21-56, Cl. 33—174.
- Grobey, Paul A., to Bryant Chucking Grinder Co. Gage having damped gaging movement. 2,772,481, 12-4-56, Cl. 33—147.
- Grey, Paul A., to Bryant Chucking Grinder Co. Machine tool cycle control. 2,774,192, 12-18-56, Cl. 51—50.
- Grohl, Jon E., and R. J. Renhofs. Sinkler release structure. 2,735,211, 2-21-56, Cl. 49—43-12.
- Grobowski, Benny T., to The E. T. Rugg Co. Molded plastic wheel with semi-pneumatic tire. 2,766,802, 10-16-56, Cl. 152—384.
- Grodde, Karl-Heinz: *See*—  
Fischer, Carl, and Grodde. 2,745,546.
- Grody, Donald R., to The Clark-Aiken Co. Steel shaft for rolls of paper and the like. 2,733,922, 1-31-56, Cl. 242—72.
- Groen, Willem, to Onsrud Machine Works, Inc. Actuator. 2,745,320, 5-15-56, Cl. 90—14.
- Groen, William, to Bendix Aviation Corp. Speed-responsive control system for vehicle steering mechanisms. 2,734,589, 2-14-56, Cl. 180—79-2.
- Groendijk, Hendrik, to Hartford National Bank and Trust Co., trustee. Device of the kind comprising an electric discharge tube having a ribbon-shaped beam and unlateral deflection. 2,733,379, 1-31-56, Cl. 315—18.
- Groendijk, Hendrik, K. Rodenhuis, and J. V. C. M. Bruijsten, to Hartford National Bank and Trust Co., trustee. Triangular electric discharge tube with ribbon-shaped beam. 2,740,063, 3-27-56, Cl. 313—82.
- Groeninghe Verwerf P. V. B. A.: *See*—  
Steyerlynk, Baldwin. Re. 24,109.
- Groeper, Lawrence H., to the United States of America as represented by the Secretary of the Air Force. Variable reluctance rotary speed sensing element. 2,731,599, 1-17-56, Cl. 325—70.
- Groff, Dana M., and C. S. Stanley: *See* Stanley assor, to said Groff. Louvered window frame. 2,770,535, 11-20-56, Cl. 26—62.
- Groff, Edwin I., to Quinlan Pretzel Co., Inc. Groff stick depositor for pretzel twisting machine. 2,739,544, 5-27-56, Cl. 107—6.
- Groff, Edwin I., to Quinlan Pretzel Co., Inc. Pretzel twisting machine. 2,747,523, 5-29-56, Cl. 107—8.
- Groff, Edwin I., to Quinlan Pretzel Co., Inc. Roller apron assembly for pretzel twisting machine. 2,747,524, 5-29-56, Cl. 107—9.
- Groff, Frazier, and R. K. Dearing, to Union Carbide and Carbon Corp. Stabilization of synthetic rubber-modified polystyrenes with hydroquinone monoethers and dithiocarbamate acid salts. 2,765,292, 10-2-56, Cl. 260—45-5.
- Groff, Marshall I.: *See*—  
Faul, Allen C. 2,760,296.
- Grogan, Charles H., and L. M. Rice, to Geschickter Fund for Medical Research, Inc. Tertiary amine derivatives of N- and O-saccharin. 2,751,392, 6-19-56, Cl. 260—301.
- Grogan, Charles H., and L. M. Rice, to Geschickter Fund for Medical Research, Inc. Bis-isothioronium salts. 2,759,973, 8-21-56, Cl. 260—564.
- Grogan, Edward C., to Minneapolis-Honeywell Regulator Co. Self-adjusting control apparatus. 2,745,423, 5-15-56, Cl. 137—5.
- Grogan, Edward C., to Minneapolis-Honeywell Regulator Co. Controller. 2,749,927, 6-12-56, Cl. 137—86.
- Grogan, Edward C., to Minneapolis-Honeywell Regulator Co. Air-operated controller having manually adjustable restrictions giving integral or reset, differential or rate, and proportional band adjustment modes of operation. 2,774,367, 12-18-56, Cl. 137—86.
- Grohs, Felix: *See*—  
Cuscolea, Otwin, Grohs, Rösner, and Kuhnelt. 2,741,555.
- Grohsgal, Alexis C., to Cable Electric Products, Inc. Portable lantern. 2,763,443, 7-3-56, Cl. 240—10-63.
- Groll, Alvin F. Two speed press feeder. 2,729,447, 1-3-56, Cl. 271—2-4.
- Groll, Alvin F. Strip stock feeder. 2,731,213, 1-17-56, Cl. 242—78.
- Gronberg, Anton B. Device to treat straw or the like. 2,752,969, 7-3-56, Cl. 146—120.
- Groncy, Carl W., to The Firestone Tire & Rubber Co. Sheet material handling device. 2,754,953, 7-17-56, Cl. 198—33.
- Grondal, Bror L., and P. Zenczak, to Research Corp. Process of pulping cellulosic materials with triethylene glycol. 2,772,968, 12-4-56, Cl. 92—9.
- Gronek, John. Live fish bag holder. 2,744,709, 5-8-56, Cl. 248—99.
- Gronek, John. Combined fish bag holder and fishing pole rest. 2,773,603, 12-11-56, Cl. 211—1.
- Groner, Miriam G., to Philco Corp. Method of applying an insulating film to a phosphor layer. 2,749,252, 6-5-56, Cl. 117—33-5.
- Grönlund, Jonas E. Apparatus for making rail joints. 2,766,938, 10-16-56, Cl. 238—225.
- Gronneberg, Trygve, to Elgin National Watch Co. Expandable bracelet with detachable tongue connected links. 2,762,191, 9-11-56, Cl. 59—79.
- Groombridge, Walter H.: *See*—  
Lincoln, James, Hammond, and Groombridge. 2,739,958.
- Groome, George G.: *See*—  
Larsen, Herbert J., and Groome. 2,760,885.
- Groover, Aladdin, to General Motors Corp. Electrical apparatus. 2,774,839, 12-18-56, Cl. 200—83.
- Grooms, Lucius A. Candelabrum. 2,733,586, 2-7-56, Cl. 67—25.
- Gropen, Edward M.: *See*—  
Spiess, Newton E., Jr., Gropen, and Henze. 2,774,578.
- Groppell, Eugene. Infusion apparatus. 2,764,079, 9-25-56, Cl. 99—305.
- Grosdoff, Igor E., and R. O. Endres, to the United States of America as represented by the Secretary of the Air Force. Synchronizing electrostatic cross-coupling effects. 2,754,362, 7-10-56, Cl. 178—69.
- Grosdoff, Igor E., and R. O. Endres, to the United States of America as represented by the Secretary of the Air Force. Amplifier system. 2,754,376, 7-10-56, Cl. 179—171.

- Grosenbaugh, Downey A.: *See*—  
White, Frank B. 2,762,346.
- Grosch, Charles R., and J. R. Betters: said Betters assors. to said Grosch. Sound distribution system for automobiles using drive-in theaters. 2,765,865, 10-2-56, Cl. 179-1.
- Grosch, Jack F., to R. L. Grosch & Sons Scenic Studios. Roller carrier for curtains and the like. 2,753,588, 7-10-56, Cl. 16-95.
- Grosch, R. L., & Sons Scenic Studios: *See*—  
Grosch, Jack F. 2,753,588.
- Grosjean, Johan A., to Hartford National Bank and Trust Co. Device comprising a cathode-ray tube. 2,730,642, 1-10-56, Cl. 313-76.
- Grosjean, Johan A., to Hartford National Bank and Trust Co. Asbestos tubes. Single-sideband apparatus. 2,775,646, 12-25-56, Cl. 179-15.
- Groskopf, Edwin O., to The Philip Carey Mfg. Co. Sound deadening sheet material and bonding materials therefor. 2,742,373, 4-17-56, Cl. 106-277.
- Groskopf, Edwin O., to The Philip Carey Mfg. Co. Sound deadening sheet material and bonding materials therefor. 2,742,374, 4-17-56, Cl. 106-277.
- Grosplas, Pierre J., to Societe anonyme dite: Etablissements Grosplas. Cylindrical strainer or filter units. 2,746,552, 5-22-56, Cl. 166-235.
- Grosz, Arthur G., to Douglas Aircraft Co., Inc. Polarizing means for eliminating double images in gun sights. 2,750,833, 6-19-56, Cl. 88-23.
- Gross, Arthur G., to Protection Inc. Safety helmet. 2,758,305, 8-14-56, Cl. 2-3.
- Gross, Arthur G. Level control for tractor-drawn implements. 2,747,483, 5-29-56, Cl. 97-46-07.
- Gross, Arthur R., to Automatic Tow Bar Co., Inc. Automobile tow bar. 2,746,771, 5-22-56, Cl. 280-494.
- Gross, Bernard, to Rohr Aircraft Corp. Structures which require hermetical sealing. 2,737,266, 3-6-56, Cl. 189-34.
- Gross, Bernard, to Rohr Aircraft Corp. Indicator for resistance welding. 2,744,182, 5-1-56, Cl. 219-4.
- Gross, Bernard, to Rohr Aircraft Corp. Sealed joint. 2,750,069, 6-12-56, Cl. 220-46.
- Gross, Charles H. Flexible self-sealer oiler and fluid dispenser. 2,770,399, 11-19-56, Cl. 222-211.
- Gross, Charles J., to United Shoe Machinery Corp. Machines for pressing soles on shoe bottoms. 2,753,461, 2-7-56, Cl. 12-36.8.
- Gross, Charles J., to United Shoe Machinery Corp. Sole molding machines. 2,762,067, 9-11-56, Cl. 12-21.
- Gross, Edward. Drilling attachment. 2,741,144, 4-10-56, Cl. 17-5.
- Gross, Elmer J. Egg grader. 2,773,597, 12-11-56, Cl. 209-121.
- Gross, Frederick B. Airplane catapult. 2,759,688, 8-21-56, Cl. 244-63.
- Gross, Gustav A., to Ciba Ltd. Storage and discharge container with rotatable base or wall. 2,767,884, 10-23-56, Cl. 222-168.
- Gross, Howard H., to Texaco Development Corp. Method of refining oil with a selective solvent. 2,742,400, 4-17-56, Cl. 196-1-26.
- Gross, Howard H., and W. Kiersted, Jr., to Texaco Development Corp. Solvent dewaxing of petroleum oils. 2,734,849, 2-14-56, Cl. 196-19.
- Gross, Irving A., to Stewart-Warner Corp. Radio tuning apparatus. 2,760,056, 8-21-56, Cl. 250-13.
- Gross, Irving A., to Stewart-Warner Corp. Radio frequency oscillator mounting. 2,760,058, 8-21-56, Cl. 250-16.
- Gross, Isaac W.: *See*—  
McCoy, Robert L., and Gross. 2,741,321.
- Gross, Isadore, to Burroughs Corp. Control circuits. 2,742,595, 4-17-56, Cl. 317-46.
- Gross, Jerome A.: *See*—  
Tedaldi, John L., and Gross. 2,765,886.
- Gross, Leah K. Story game. 2,728,997, 1-3-56, Cl. 35-35.
- Gross, Malvern J., and R. B. Gustafson, to General Electric Co. Insulated electrical power translation apparatus. 2,756,868, 7-24-56, Cl. 317-103.
- Gross, Martin R., to Severn Engineering Co., Inc. Permeability standard. 2,738,460, 3-13-56, Cl. 324-34.
- Gross, Martin R., to the United States of America as represented by the Secretary of the Navy. Indicator for low permeability materials. 2,750,561, 6-12-56, Cl. 324-34.
- Gross, Milton: *See*—  
Brown, Arling D., Jr., Echeagaray, Gross, and Valenti. 2,772,565.
- Gross, Nedward N. Reversible blouse. 2,763,011, 9-18-56, Cl. 2-106.
- Gross, Peter F., to E. I. du Pont de Nemours and Co. Treatment of crude polychloro copper phthalocyanine. 2,765,318, 10-2-56, Cl. 260-314.5.
- Gross, Philipp, and D. L. Levi, to Fulmer Research Institute Ltd. Production and purification of titanium. 2,760,857, 8-28-56, Cl. 75-84.4.
- Gross, Philipp, and D. L. Levi, to Fulmer Research Institute Ltd. Production and purification of titanium. 2,764,480, 9-25-56, Cl. 75-84.4.
- Gross, Reinhold. Cutting implement. 2,742,697, 4-24-56, Cl. 30-228.
- Gross, Reinhold. Parachute delayed opening means for free fall containers. 2,759,693, 8-21-56, Cl. 244-138.
- Gross, Richard P. Operating mechanisms for windshield wipers. 2,752,796, 7-3-56, Cl. 74-75.
- Gross, Thomas A. O.: *See*—  
Kather, Erich N., and Gross. 2,750,555.
- Gross, Victor R., to Daimler-Benz Aktiengesellschaft. Diesel compression ignition engines. 2,743,711, 5-1-56, Cl. 123-32.
- Grosso, Aristid V. Method for combustion of metals. 2,764,109, 9-25-56, Cl. 110-1.
- Grosse-Lohmann, Ralph. Automatic critical aerodynamic limit actuator. 2,744,173, 5-1-56, Cl. 200-52.
- Grosser, Richard. Combination elastic double doup harness fabrics. 2,753,896, 7-10-56, Cl. 139-421.
- Grosset, William E., and W. V. Owens, to Paper Sacks Ltd. Multiply valve bags. 2,761,612, 9-4-56, Cl. 229-55.
- Grossfeld, Aaron M. Wiping implement with grooved beaded strip. 2,764,775, 10-2-56, Cl. 15-245.
- Grossman, Harold. Shower door enclosure structure. 2,761,633, 9-1-56, Cl. 139-46.
- Grossman, Morris: *See*—  
Tandler, William S., Walker, Grossman, and Sloan. 2,756,510.
- Grossmann, Paul, to Ciba Ltd. Process for the manufacture of anthraquinone dyestuffs suitable for dyeing cellulose acetate artificial silk. 2,731,477, 1-17-56, Cl. 260-378.
- Grossman, Ralph E. Method of painting in the reproduction of paintings. 2,744,349, 5-8-56, Cl. 41-26.
- Grossman, Ralph E., and H. W. Dorn. Apparatus for dispensing measured volumes of paint. 2,746,648, 5-22-56, Cl. 22-136.
- Grossmann, Samuel W.: *See*—  
Congdon, William J., and Grossmann. 2,761,761.
- Grossmith, George W., to Strachan & Henshaw, Ltd. Devices for moving rail wagons and the like. 2,729,172, 1-3-56, Cl. 13-14-172.
- Grosnick, Myron D.: *See*—  
Porsche, Jules D., Lesh, and Grossnickle. 2,765,299.
- Grosvenor, William M., Jr.: *See*—  
Osgood, Charles F., Jr., Grosvenor, McMartin, and Schirmer. 2,748,692.
- Grote, Henry W.: *See*—  
Haensel, Vladimir, and Grote. 2,740,751.
- Haensel, Vladimir, and Grote. 2,768,126.
- Grote, Henry W., to Universal Oil Products Co. Solvent extraction of hydrocarbons. 2,770,663, 11-13-56, Cl. 260-674.
- Grote, Milton C., Inc. The: *See*—  
Wiley, Fred E. 2,765,682.
- Groth, Endie P., and G. R. Weisz. Dual type flush valve and selective operator therefor. 2,731,647, 1-24-56, Cl. 4-67.
- Grottes, Carl C.: *See*—  
Van Leer, Oscar J., and Grottes. 2,733,502.
- Grottes, Carl C., to Grottes Machine Works, Inc. Combined flanging and beading machine for metallic drums. 2,740,450, 4-3-56, Cl. 153-3.
- Grottes Machine Works, Inc.: *See*—  
Grottes, Carl C. 2,740,450.
- Van Leer, Oscar J., and Grottes. 2,733,502.
- Grotthuss, John H. Image mount. 2,736,975, 3-6-56, Cl. 40-152.
- Grouard, Pierre, and M. Courtiere. Supporting device for a shaft of a centrifugal apparatus. 2,753,148, 7-17-56, Cl. 300-148.
- Grouse, Richard A., to A. H. Hunt Capacitors Ltd. Electrical capacitors. 2,729,878, 1-10-56, Cl. 29-25.42.
- Grouse, Richard A., to A. H. Hunt Capacitors Ltd. Manufacture of capacitors. 2,731,705, 1-24-56, Cl. 29-25.42.
- Grove, Frank C., to A. H. Hunt Capacitors Ltd. Manufacture of capacitors. 2,731,706, 1-24-56, Cl. 29-25.42.
- Grouse, Richard A., to A. H. Hunt Capacitors Ltd. Manufacture of capacitors. 2,738,567, 3-20-56, Cl. 29-25.42.
- Grove, Frank C., to The Hoover Co. Automatic stator winding machine. 2,770,424, 11-13-56, Cl. 242-1.
- Grove, Martin H., to Grove Valve and Regulator Co. Reinforced resilient sleeve type valve construction. 2,747,608, 5-29-56, Cl. 137-525.
- Grove, Marvin H., to Grove Valve and Regulator Co. Fluid pressure regulator. 2,770,441, 11-13-56, Cl. 251-58.
- Grove, Marvin H., and A. T. Bryant, to Grove Valve and Regulator Co. Seal guard. 2,772,068, 11-27-56, Cl. 251-332.
- Grove Valve and Regulator Co.: *See*—  
Bryant, Austin U. 2,760,925.
- Grove, Marvin H. 2,747,608.
- Grove, Marvin H. 2,770,441.
- Grove, Marvin H., and Bryant. 2,772,068.
- Grovemiller, Dale A., to General Electric Co. Lamp base. 2,733,421, 1-31-56, Cl. 339-145.
- Grover Co. The: *See*—  
Van Otteren, Wilbur M., and Hafner. 2,773,658.
- Grover, Donald P., to the United States of America as represented by the Secretary of the Army. Retractor. 2,750,846, 6-19-56, Cl. 89-33.
- Grover, Frank N.: *See*—  
Wihlers, Herbert C., Grover, Lentz, and Pauling. 2,730,194.
- Wihlers, Herbert C., Pauling, and Grover. 2,733,264.
- Grover, Martin M.: *See*—  
Been, Jerome, and Grover. 2,741,651.
- Grover Musical Products, Inc.: *See*—  
Thompson, Josephus. 2,739,502.
- Grover, Philip D., to Grover Products Corp. Snap switch. 2,774,837, 12-18-56, Cl. 200-67.
- Grover Products Corp.: *See*—  
Grover, Philip D. 2,774,837.



- Groves, Earl C., deceased; E. L. Monroe, administrator. Corner clamp with a plurality of right-angularly related clamping axes. 2,763,303, 9-18-56, Cl. 144-297.
- Groves, Jim S. Boat trailer. 2,745,567, 5-15-56, Cl. 214-506.
- Groves, Walter R., to British Industrial Plastics Ltd. Machine for dispensing predetermined quantities of material in loose or compressed form. 2,738,550, 3-20-56, Cl. 18-165.
- Grow, Harlow B. Threaded fastener having deformable locking flange with biting teeth. 2,741,289, 4-10-56, Cl. 151-37.
- Grow, Harlow B. Aeronautical toy. 2,750,711, 6-19-56, Cl. 46-74.
- Grubb, Henry M., and L. J. Schmauch, to Standard Oil Co. Oil-control equipment. 2,765,306, 10-23-56, Cl. 250-43.5.
- Grubb, John A. Specific gravity measuring apparatus. 2,746,298, 5-22-56, Cl. 73-444.
- Grubb, Willard T., to General Electric Co. Stabilizing methylpolysiloxane fluids. 2,754,313, 7-10-56, Cl. 260-448.2.
- Grubb, Willard T., Jr., to General Electric Co. Organic-HF emulsions. 2,737,499, 3-6-56, Cl. 252-309.
- Grubbs, John W., Sr. Frost preventer for freezer doors. 2,731,804, 1-24-56, Cl. 62-2.
- Grube, Frederick J., and L. A. Demchok, Sr., to General Electric Co. Filament mounting machine. 2,752,957, 7-3-56, Cl. 140-71.6.
- Grube, Karl P.: See—
- Abrahamson, Charles M., and Grube. 2,743,149.
- Grubenmann, Werner, to Ciba Ltd. Process for preparing pigment preparations. 2,755,195, 7-17-56, Cl. 106-309.
- Gruber, Arnold H.: See—
- Karnes, Herman F., and Gruber. 2,731,401.
- Gruber, Bernard A., and R. A. Jermain, to Metal Hydrides Inc. Recovery of sodium and calcium metals from electrolytic sludge. 2,735,668, 2-21-56, Cl. 266-19.
- Gruber, Eli H. Back and seat construction for chairs and the like. 2,737,232, 3-6-56, Cl. 155-187.
- Gruber, Frank A., to Brown & Bigelow. Pyrophoric gas lighters. 2,737,795, 3-13-56, Cl. 67-7.1.
- Gruber, Francis E., to Brown & Bigelow. Gas lighter control unit. 2,764,008, 9-25-56, Cl. 67-7.1.
- Gruber, Wolfgang, J. Heckmaier, and M. Doriat, to Wacker-Chemie G. m. b. H. Process for adhering polyvinyl chloride containing a softener to a non-metallic layer. 2,729,585, 1-3-56, Cl. 154-139.
- Grubich, Stephan A. Material digging and handling apparatus. 2,732,963, 1-31-56, Cl. 214-140.
- Grudin, Daniel, to Stroukoff Aircraft Corp. Nose landing gear with internally casted and steered wheel. 2,747,818, 9-29-56, Cl. 244-50.
- Gruel, William H. Poultry nest with removable nest bottom insert. 2,765,773, 10-9-56, Cl. 119-48.
- Gruen Watch Co., The: See—
- Fekula, Alexander M. 2,760,287.
- Gander, Philippe. 2,760,301.
- Maire, Aurele. 2,761,274.
- Gruenberg, Ivor J.: See—
- Muehling, Anthony A., Gruenberg, and Mustonen. 2,761,585.
- Gruenberg, Ivor J., to The Gear Grinding Machine Co. Apparatus for similarly orienting in longitudinally aligned series like prismatic bodies of non-symmetrical cross-sectional contour. 2,767,881, 10-23-56, Cl. 221-157.
- Gruender, Oscar C., to Nordberg Mfg. Co. Bowl liner for gyratory crushers. 2,770,423, 11-13-56, Cl. 241-299.
- Gruendler Crusher and Pulverizer Co.: See—
- Freeman, Leo. 2,760,234.
- Gruendler, William P. 2,742,237.
- Gruendler, William P., to Gruendler Crusher and Pulverizer Co. Garbage disposal machines. 2,742,237, 4-17-56, Cl. 24-46.
- Grueneberg, Willard G., W. C. Grueneberg, and B. C. Stockmann. Shell mold casting machine. 2,736,938, 3-6-56, Cl. 22-90.
- Grueneberg, William C.: See—
- Grueneberg, Willard G. and W. C., and Stockmann. 2,736,938.
- Gruenewald, Lou A. Marionette figures. 2,747,329, 5-29-56, Cl. 96-161.
- Gruessner, Andre: See—
- Fromherz, Konrad, Gruessner, and Schneider. 2,770,569.
- Gruetner, Frederick A., to A. O. Smith Corp. Method of forming a section for hollow propeller blades. 2,751,667, 6-26-56, Cl. 29-156.8.
- Gruettner, Gerhard G., to New Hermes Engraving Machine Corp. Multi-ratio engraving machine and workholder therefor. 2,729,892, 1-10-56, Cl. 33-23.
- Gruettner, Gerhard G., to New Hermes Ring Engraving Corp. Engraving machine attachment. 2,749,617, 6-12-56, Cl. 33-25.
- Gruhier, Eugen: See—
- Maruhn, Herbert F. W., and Gruhier. 2,775,315.
- Grumbblatt, Victor J.: See—
- Genheimer, Joseph R., and Grumbblatt. 2,772,649.
- Grumet, Alex. and J. P. Callahan, to Edo Corp. Electric time delay measuring devices. 2,768,348, 10-23-56, Cl. 324-68.
- Grumman Aircraft Engineering Corp.: See—
- Grumman, Leroy. 2,773,699.
- Grumman, Leroy, to Grumman Aircraft Engineering Corp. Trailer rear wheel torsion spring suspension. 2,773,699, 12-11-56, Cl. 280-124.
- Grummitt, Oliver J., to The Sherwin-Williams Co. Method of bodying oils. 2,754,308, 7-10-56, Cl. 260-406.
- Grummitt, Oliver J., and A. A. Arters, to The Sherwin-Williams Co. Aqueous vehicles for forming water resistant films. 2,758,102, 8-7-56, Cl. 260-29.6.
- Grünbaum, Heinrich, to Stahlkontor G. m. b. H. Mechanism for winding webs or strips. 2,760,379, 8-28-56, Cl. 74-368.
- Grunberg, Jacques, to L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procédes Georges Claude. 2,743,590, 5-1-56, Cl. 62-175.5.
- Grundberg, Donald N.: See—
- Churgin, Leopold, and Grundberg. 2,731,873.
- Churgin, Leopold, and Grundberg. 2,746,155.
- Grundig, Henry, to Esso Research and Engineering Co. Floating roof liquid storage tank structure. 2,772,505, 12-4-56, Cl. 220-26.
- Grundmann, Christoph J., and A. Kreutzberger, to Olin Mathieson Chemical Corp. Process for preparation of 3-substituted 1,2,4-triazoles. 2,763,661, 9-18-56, Cl. 260-308.
- Grundmann, Christoph J., and G. Ottmann, to Olin Mathieson Chemical Corp. 6-ethylmercury-thio-1,3,5 triazines. 2,766,234, 10-9-56, Cl. 260-242.
- Grundy, Richard J.: See—
- Fatch, Harold K., and Grundy. 2,771,824.
- Gruner, Frederick R., to Allis-Chalmers Mfg. Co. Vibratory screen mounting. 2,729,332, 1-3-56, Cl. 209-329.
- Gruner, Heinz E. R.: See—
- Boughton, Olin W., and Gruner. 2,747,461.
- Grunert, Ronald K., and W. S. Huss, to Marathon Corp. Package. 2,758,774, 8-14-56, Cl. 229-15.
- Grunewald, Glen E., and F. J. Pierce, to Universal Oil Products Co. Process and apparatus for countercurrently contacting fluids. 2,746,846, 5-22-56, Cl. 23-310.
- Grunwald, Edward. Cap remover and bottle opener for bottles and cans. 2,745,301, 5-15-56, Cl. 81-3.1.
- Grunwald, Frederick A., to Mead Johnson & Co. N-alkyl benzilic amides. 2,764,613, 9-25-56, Cl. 260-559.
- Grupe, William F., to Peerless Roll Leaf Co. Inc. Method and apparatus for printing blown bottles. 2,751,701, 6-26-56, Cl. 41-1.
- Grupe, William F., to Peerless Roll Leaf Co., Inc. Method of printing on machine for printing on collapsible articles. 2,751,841, 6-26-56, Cl. 101-44.
- Grupp, Edward L. Sash balance. 2,767,426, 10-23-56, Cl. 16-198.
- Grupposo, Salvi S.: See—
- Grard, Walter R., and Grupposo. 2,748,764.
- Gruskin, Benjamin, deceased, by I. K. Gruskin, executrix, to Rystan Co. Acid neutralizing abrasive chlorophyll dentifrice. 2,773,802, 12-11-56, Cl. 167-93.
- Gruskin, Irma K.: See—
- Gruskin, Benjamin. 2,773,802.
- Gruss, George A., to American Machine & Foundry Co. Self-leveling, storing, and dispensing device. 2,773,604, 12-11-56, Cl. 211-49.
- Grüssner, Andreas, and O. Schneider, to Hoffmann-La Roche Inc. (-)-3-hydroxy-N-propargyl-morphinanes. 2,740,788, 4-5-56, Cl. 260-283.
- Gruver, John H.: See—
- Addressograph-Multigraph Corp. Machine for feeding and treating lithographic address printing plates. 2,731,910, 1-24-56, Cl. 101-47.
- Gruver, John H., to Addressograph-Multigraph Corp. Printing machines. 2,740,354, 4-3-56, Cl. 101-134.5.
- Gruver, John H., and L. F. Mitchell, to Addressograph-Multigraph Corp. Inking roller for an imprinting means. 2,746,388, 5-22-56, Cl. 101-367.
- Grypma, Theodore J. Battery lifter. 2,756,092, 7-24-56, Cl. 294-92.
- Grypma, Theodore J. Battery strap. 2,772,112, 11-27-56, Cl. 294-103.
- Grzenkowski, Alfred E., and R. W. Rademaker, to Houdaille Industries, Inc. Apparatus for securing covers on viscous vibration damper units or the like. 2,748,736, 6-5-56, Cl. 113-52.
- Grzenkowski, Alfred E., and G. H. Davis, to Houdaille Industries, Inc. Machine for filling direct acting shock absorbers with hydraulic fluid. 2,765,817, 10-9-56, Cl. 141-160.
- Gschwind, Robert C. Safety device. 2,729,425, 1-3-56, Cl. 254-157.
- Guadagna, Clement T. Mechanical doll hands. 2,733,545, 2-7-56, Cl. 46-126.
- Guagliardo, Sylvester: See—
- Shadoin, George W., and Guagliardo. 2,738,909.
- Guala, John R., to Gulf Oil Corp. Particle transporting method and apparatus for use in the catalytic conversion of hydrocarbons. 2,767,327, 10-16-56, Cl. 196-52.
- Guanella, Gustav, to Radio Patents Co. Frequency-modulated high-frequency system. 2,747,083, 5-22-56, Cl. 250-15.
- Guanella, Gustav, P. Güttinger, M. Lattmann, and G. Weber, to "Patelhold" Patentverwertungs- & Elektro-Holding A.-G., and "Contra" A.-G. Method of and apparatus for guiding flight bodies along preselected flight paths. 2,730,715, 1-10-56, Cl. 343-106.
- Guanella, Gustav, and P. Güttinger, to Radio Patents Co. Proximity control device. 2,760,188, 8-21-56, Cl. 343-7.
- Guarantee Specialty Mfg. Co., The: See—
- Meyer, Robert W. 2,728,993.
- Urbas, Ernest J. 2,743,461.

- Guardado, Nestor J. Oscillating fan. 2,742,225, 4-17-56, Cl. 230-257.
- Guardian Container Co.: *See—*  
Beach, Wallace W. 2,749,012.
- Guardian Electric Mfg. Co.: *See—*  
Nelsen, Marvin G. 2,729,722.  
Obszarny, Theodore J. 2,733,422.  
Obszarny, Theodore J. 2,735,994.  
Obszarny, Theodore J. 2,744,216.  
Obszarny, Theodore J. 2,747,057.
- Guardian Lockers, Inc.: *See—*  
Garver, Curtis A. 2,767,570.
- Guardino, John. Combined safety razor and nostril hair trimmer. 2,764,811, 10-2-56, Cl. 30-29.5.
- Guardino, John. Safety razor blade holder with self-closing operation. 2,775,031, 12-25-56, Cl. 30-60.5.
- Guarino, Gaspar. Non-vibrating barber's razor blade holder. 2,758,373, 8-14-56, Cl. 30-331.
- Guarnaschelli, Stephen, to Titelhex, Inc. Reinforced hose. 2,748,803, 6-5-56, Cl. 138-5.
- Guarnaschelli, Stephen, to Titelhex, Inc. Reinforced hose. 2,748,804, 6-5-56, Cl. 138-60.
- Guarnaschelli, Stephen. Leakproof high pressure valve. 2,760,753, 8-28-56, Cl. 251-229.
- Guarnaschelli, Vincent, and E. F. Rauch. Fuel pump adjusters. 2,764,942, 12-2-56, Cl. 103-38.
- Guassio, Giuseppe. Apparatus for eye examinations. 2,740,322, 4-3-56, Cl. 88-20.
- Guasso, Francesco: *See—*  
Ferrarotti, Giuseppe, and Guasso. 2,760,603.
- Guay, Lucien. Lever and slide motion converting means with slidable connection. 2,748,613, 6-5-56, Cl. 74-104.
- Guba, Raymond J., to Audubon Wire Cloth Corp. of New Jersey. Woven wire conveyor belt. 2,769,531, 11-6-56, Cl. 198-203.
- Gubas, Julius J.: *See—*  
Burton, Charles T., Broadley, and Gubas. 2,756,953.
- Gübel, Vincenz.: *See—*  
Andermatt, Carl, and Gübel. 2,737,898.
- Gubernick, Saul. Shower curtain clamp. 2,764,382, 9-25-56, Cl. 248-206.
- Guboff, Edward H., to Chicago City Bank and Trust Co. Protecting and cleaning means for movable electrical contact elements. 2,750,479, 6-12-56, Cl. 200-166.
- Gudemann, Co.: *See—*  
Ellison, Michael C. 2,733,389.
- Gudgeon, Ronald P., to Brown & Green Ltd. Laundry presses. 2,735,201, 2-21-56, Cl. 38-21.
- Gudheim, Arn R.: *See—*  
Shafer, Stanley I., Gudheim, and Schmidt. 2,745,750.
- Gueffroy, Walter A., to American Can Co. Article sorting machine. 2,738,066, 3-13-56, Cl. 209-104.
- Gueffroy, Walter A., to American Can Co. Machine for emptying loaded cartons. 2,741,380, 4-10-56, Cl. 214-304.
- Guelson, Ledra C.: *See—*  
Guelson, Stanley. 2,732,848.
- Guelson, Stanley, deceased, by L. C. Guelson, executrix, to Milwaukee Gas Specialty Co. Safety control device. 2,732,848, 1-31-56, Cl. 137-66.
- Guenter, Richard G., to Hercules Powder Co. Priming device. 2,775,200, 12-25-56, Cl. 102-27.
- Guenther, Chester D. Electric clippers. 2,741,026, 4-10-56, Cl. 30-210.
- Guenther, Chester D. Hair cutting apparatus. 2,765,796, 12-9-56, Cl. 132-45.
- Guenther, Fredrick. Reciprocating hammer type nut cracking machine. 2,765,830, 10-9-56, Cl. 146-12.
- Guenther, Orrion A., to The National Cash Register Co. Method and apparatus for forming grinding wheels. 2,775,078, 12-25-56, Cl. 51-283.
- Guenther, John G.: *See—*  
Ellenberger, Stanley D., and Guenther. 2,775,730.
- Guentsche, Helmut: *See—*  
Schjolin, Hans O., Guentsche, and Parshall. 2,775,330.
- Guernsey, Edwin O., to Socony Mobil Oil Co., Inc. "K" factor control of reformat yield. 2,743,214, 4-24-56, Cl. 196-50.
- Guernsey, Edwin O., to Socony Mobil Oil Co., Inc. Recycle gas dehydration. 2,755,230, 7-17-56, Cl. 196-50.
- Guernsey, Glen A., and A. H. Green, to Veto Electric Co. Electric cigarette lighter. 2,731,540, 1-17-56, Cl. 219-32.
- Guernsey, Glen A., J. C. Green, and A. H. Green, to Globe-Union Inc. Circuit control apparatus for condenser-discharge ignition systems. 2,773,140, 12-4-56, Cl. 200-24.
- Guernsey, John F., and A. E. Vail, to Trio Mfg. Co. Composite dipole multi-channel television antenna. 2,772,413, 11-27-56, Cl. 343-801.
- Guerra, John P., L. R. Benemelis, and L. J. Sals, to Fedders-Guigan Corp. Air conditioner for passenger automobiles. 2,753,696, 7-10-56, Cl. 62-117.1.
- Guerrero, Joaquin. Feed mixing machine. 2,762,288, 9-11-56, Cl. 99-235.
- Guest, Howard R.: *See—*  
Stansbury, Harry A., Jr., and Guest. 2,731,489.  
Stansbury, Harry A., Jr., and Guest. 2,768,965.
- Guest, Howard R., and B. W. Kiff, to Union Carbide and Carbon Corp. Process for making 1,3-dimethylcyclopentyl-methylamine. 2,741,636, 4-10-56, Cl. 260-563.
- Guest Keen & Nettlefolds (South Wales) Ltd.: *See—*  
Phipps, George A. 2,756,821.
- Guest, Ruth L. Article grasping device. 2,762,647, 9-11-56, Cl. 294-22.
- Guettel, Charles L., to Driver-Harris Co. Thermocouple element composition. 2,757,221, 7-31-56, Cl. 136-5.
- Guge, Kenneth J., and P. J. Moore. Signal level control for transmitter. 2,767,245, 10-16-56, Cl. 179-4.
- Gugeler, Frederick D. Water pressure sealing closure for water softener tanks. 2,729,359, 1-3-56, Cl. 220-25.
- Guggenberger, Karl, to Fromson Urban Co., Inc. Polishing of aluminum and aluminum base alloys. 2,751,342, 6-19-56, Cl. 244-149.5.
- Guggenheim, Daniel and Florence, Foundation, The: *See—*  
Goddard, Robert H. 2,749,706.  
Goddard, Robert H. 2,749,884.  
Goddard, Robert H. 2,760,335.  
Goddard, Robert H. 2,770,251.  
Goddard, Robert H. 2,770,253.
- Guggenheim, Max M., to National Equipment Corp. Placques for confectionery machines. 2,731,134, 1-17-56, Cl. 198-108.
- Guggi, Walter B., to Westinghouse Electric Corp. Motor control system. 2,767,304, 10-16-56, Cl. 318-317.
- Guggi, Walter B., to Westinghouse Electric Corp. Motor control system. 2,767,365, 10-16-56, Cl. 318-327.
- Guggi, Walter B., to Westinghouse Electric Corp. Direct current transformation device. 2,773,200, 12-4-56, Cl. 307-110.
- Guglielmo, Paul: *See—*  
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- Gühling, Gottlieb: *See—*  
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Nädelin, Eugen. 2,770,929.
- Gul, Elmer G., ½ to J. M. Wilson. Combination tissue pack and disposal receptacle. 2,732,935, 1-31-56, Cl. 206-57.
- Guiberson Corp.: *See—*  
Davis, Roy C. 2,748,792.  
Lane, John J. 2,743,781.  
Losey, Thomas B. 2,749,078.
- Guida, Frank. Hammer head with removable tip. 2,761,478, 9-4-56, Cl. 145-36.
- Guide, Anthony. Pivot pin work holder for sewing machines. 2,761,400, 9-4-56, Cl. 112-2.
- Guidry, Don P. Multiple valve. 2,730,130, 1-10-56, Cl. 137-635.
- Guigo, Frustav, to Hawaiian Pineapple Co. Ltd. Planting device. 2,749,855, 6-12-56, Cl. 111-3.
- Guigas, Gustav, to Hawaiian Pineapple Co., Ltd. Stacking and unstacking machine. 2,774,489, 12-18-56, Cl. 214-6.
- Guignard, Arthur S., and C. P. and H. W. Schaumburg, to The Kerr Wire Products Co. Display rack. 2,738,075, 3-13-56, Cl. 211-56.
- Guignard, Donat. Binding instrument. 2,772,702, 12-4-56, Cl. 140-119.
- Guignard, Olyss O.: *See—*  
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- Guilbert, Inc.: *See—*  
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- Guilbert, Nicholas R., Jr., and W. B. Keller, to Guilbert, Inc. Braking mechanism for sliding doors and the like. 2,769,196, 11-6-56, Cl. 16-85.
- Guild, Lloyd V. Carbon train. 2,746,845, 5-22-56, Cl. 117-103.
- Guilleminot, Roger. Continuous manufacture of corrugated glass sheets. 2,735,227, 2-21-56, Cl. 49-3.
- Guilleminot, Roger, and D. Carlier. Package of bottles. 2,755,923, 7-24-56, Cl. 206-65.
- Guillet, James E.: *See—*  
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- Guillette, Louis J. Oscillator attachment for plating tanks. 2,746,732, 5-22-56, Cl. 259-112.
- Gullissen, Clement J., and A. Gancberg. Process of preparing organo-polyisiloxane coatings. 2,732,320, 1-24-56, Cl. 117-103.
- Guillot, Philip J.: *See—*  
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- Guimont, Nelson J. Mold. 2,763,909, 9-25-56, Cl. 25-121.
- Guinane, Edward J. Ceramic tile stackers. 2,738,564, 3-20-56, Cl. 25-153.
- Guinard, Gene, to V. Herter. Sealing members or elements. 2,768,762, 10-30-56, Cl. 215-41.
- Guio, Truby B. Draw-type twin bandage. 2,762,371, 9-11-56, Cl. 128-335.
- Guldner, Harry W.: *See—*  
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- Gulf Oil Corp.: *See—*  
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Cantrell, Troy L., and Smith. 2,736,704.  
Cantrell, Troy L., and Smith. 2,736,705.  
Corn, Lawrence H. 2,770,665.  
Cornell, Paul W., and Cotton. 2,757,067.  
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Guala, John R. 2,767,127.  
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Redeay, Aaron K. 2,735,879.  
Redeay, Aaron K. 2,735,885.  
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- Gulf Oil Corp.: *See*—Continued  
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- Gulf Research & Development Co.: *See*—  
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 Anhorn, Victor J. 2,740,752.  
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 Elder, Harry J. 2,761,769.  
 Emmett, Paul H. 2,744,457.  
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 Klicker, James D., and Stevens. 2,760,935.  
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 Rice, Theodore. 2,767,126.  
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 Stevens, Donald R., and Fareri. 2,760,852.  
 Tittle, Charles W. 2,769,915.  
 Tittle, Charles W. 2,769,916.  
 Tittle, Charles W. 2,769,918.  
 Ward, John V. 2,760,842.  
 Ward, John V. 2,760,917.  
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- Gulf States Asphalt Co., Inc.: *See*—  
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- Gulf States Paper Corp.: *See*—  
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- Gulick, Harold M.: *See*—  
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- Gulland, Donald A. Removable clamp shoe mounted for universal movement. 2,762,405, 9-11-56, Cl. 144-304.
- Gullett Gin Co.: *See*—  
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 Wallace, Jeffrey J. 2,731,674.  
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- Gulthelm, Marcus, to F. W. and H. D. Schletz. Anvil. 2,754,702, 7-17-56, Cl. 78-5.
- Gulnac, Howard D., to the United States of America as represented by the United States Atomic Energy Commission. Counting rate meter. 2,755,441, 7-17-56, Cl. 324-78.
- Gulnick, Adrien N.: *See*—  
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- Gulton Industries, Inc.: *See*—  
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- Gum, Clarence R.: *See*—  
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- Gumbert, Charles W., and J. C. Abbey, to Aeroquip Corp. Coupling with rotary sliding seal. 2,749,146, 6-5-56, Cl. 284-4.
- Gumt, Paul, to International Standard Electric Corp. Device for the purpose of clamping a foil, inserted into the gap formed by both of the pole ends of a sound top for magnetic sound implements. 2,749,391, 6-5-56, Cl. 179-100.2.
- Gumbinner, Robert: *See*—  
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- Gumbs, Frank J.: *See*—  
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- Gumlich, Willi: *See*—  
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- Gump, B. F. Co.: *See*—  
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- Gumphrey, Harold K. Support. 2,764,380, 9-25-56, Cl. 248-186.
- Gumpper, Harold D., and R. C. Marsh, to The Ready-Power Co. Auxiliary circulating air conditioner. 2,738,653, 3-20-56, Cl. 62-117.2.
- Gunas, Peter J. Adjustable corner clamp. 2,761,476, 9-4-56, Cl. 144-293.
- Gund, Konrad, H. Berger, and K. von Sanden. Device for controlling the flow of electrons in a betatron. 2,773,183, 12-4-56, Cl. 250-27.
- Gundelfinger, Richard: *See*—  
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- Gundelfinger, William E., to The Dazey Corp. Bottle opener with magnetic cap retainer. 2,762,246, 9-11-56, Cl. 81-3.1.
- Gundersen, Daniel T.: *See*—  
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- Gundersen, Frank S. Continuous sprinkle watering can. 2,737,417, 3-6-56, Cl. 299-102.
- Gunderson, Arthur O. Farm gate. 2,769,259, 11-6-56, Cl. 39-75.
- Gunderson, Charles F. Ripple compensator. 2,751,548, 6-19-56, Cl. 323-22.
- Gunderson, Charles F., and W. L. Denman, to Dearborn Chemical Co. Method of protecting metal with amines and composition therefor. 2,767,106, 10-16-56, Cl. 117-97.
- Gunderson, Ralph R. Hose support for vehicles. 2,733,033, 1-31-56, Cl. 248-51.
- Gunderson, Ralph R. Foldable signaling device. 2,757,891, 8-7-56, Cl. 248-33.
- Gunderson, Ralph R. Signal flare package. 2,763,369, 9-18-56, Cl. 206-65.
- Gunderson, Willard R., to The Frito Co. Vending machine. 2,758,751, 8-14-56, Cl. 221-81.
- Gundlach, Emanuel G. Liquid detergent dispensing shower head. 2,743,913, 3-1-56, Cl. 261-18.
- Gundlach, Theodore F., to J. M. J. Industries, Inc. Methods and apparatus for severing and reheating a metal tie. 2,754,906, 7-17-56, Cl. 164-17.
- Gunitie Foundries Corp.: *See*—  
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- Gunkel, Heinrich, to H. Putzer. Overload safety device for hoisting apparatus or the like. 2,731,814, 1-24-56, Cl. 64-30.
- Gunkel, Heinrich. Chain pulley block. 2,732,179, 1-24-56, Cl. 254-170.
- Gunn, Albert A., D. E. Lake, and B. C. Potts, to The Dow Chemical Co. Preparation of olefin bromides. 2,746,999, 5-22-56, Cl. 260-660.
- Gunn, Donald A., to Sperry Rand Corp. Visible card index trays. 2,737,184, 3-6-56, Cl. 129-16.
- Gunn, Donald A., and C. F. Wolters, to Sperry Rand Corp. Signal holders. 2,732,843, 1-31-56, Cl. 129-16.7.
- Gunn, Donald A., and C. F. Wolters, to Sperry Rand Corp. Signal holders. 2,759,479, 8-21-56, Cl. 129-16.7.
- Gunn, Earl G. Cell type filter. 2,755,937, 7-24-56, Cl. 210-169.
- Gunn, John C., Sr. Mixer attachment for electric mixers. 2,753,160, 7-3-56, Cl. 259-84.
- Gunn, John G.: *See*—  
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- Gunn, Kenneth C., and K. O. Holmes, to the United States of America as represented by the Secretary of the Air Force. Radio frequency power comparator. 2,735,982, 2-21-56, Cl. 324-95.
- Gunning, Alfred W.: *See*—  
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- Gunning, Harry E., and A. Kahn, to Illinois Institute of Technology. Method of producing hydrazine. 2,736,693, 2-28-56, Cl. 204-157.
- Gunning, Harry E., and C. C. McDonald, to Illinois Institute of Technology. Hydrazine production. 2,736,694, 2-28-56, Cl. 204-157.
- Gunning, Samuel D., to Westinghouse Air Brake Co. Portable drilling rig. 2,735,896, 2-7-56, Cl. 255-51.
- Gunnison, Richard N., to Enterprise Railway Equipment Co. Operating head for dump door mechanism. 2,730,967, 1-17-56, Cl. 105-311.
- Gunst, Raymond, to Ciba Ltd. Trisazo-dyestuffs. 2,731,459, 1-17-56, Cl. 260-171.
- Gunst, Raymond, to Ciba Ltd. Azo-dyestuffs of the stilbene series. 2,756,224, 7-24-56, Cl. 260-153.
- Gunst, Raymond, to Ciba Ltd. Tetrakisazo-dyestuffs. 2,762,793, 9-11-56, Cl. 260-155.
- Gunter, Lee, Jr.: *See*—  
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- Günthard, J., and A. Peter, to Sandoz A. G. 3'-henzoyl-4-amin-1,9-anthrapyridone-2-sulfonic acid. 2,734,060, 2-7-56, Cl. 260-278.
- Günther, Arnold. Device for automatically refilling tanks. 2,775,205, 12-25-56, Cl. 103-25.
- Günther, Hans, to Agfa Camera-Werk Aktiengesellschaft. Illuminating system for copying colored pictures. 2,741,944, 4-17-56, Cl. 88-24.
- Günther, Hans, to Kraftanlagen A. G. Device for producing auxiliary magnetic fields in electric arc welding. 2,773,969, 12-11-56, Cl. 219-130.
- Gurevitch, Morris, to N. Gurevitch. Calculating appliance. 2,764,822, 10-3-56, Cl. 35-33.
- Gurevitch, Nina: *See*—  
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- Gurewitsch, Anatole M.: *See*—  
 Westendorf, Willem F., and Gurewitsch. 2,755,014.
- Gurewitsch, Anatole M., and P. C. Noble, to General Electric Co. Resonator structure. 2,749,438, 6-8-56, Cl. 250-27.
- Gurewitsch, Samuel J. Bottle handling machine. 2,750,024, 6-12-56, Cl. 198-69.

- Gurin, Peter J. Automatic dynamic balancer. 2,771,240, 11-20-56, Cl. 230—134.
- Gurney, Gordon T., to Rockwood Sprinkler Co. Hydraulic turret control. 2,729,296, 1-3-56, Cl. 169—25.
- Gurney, Gordon T. and J. P. Gagliardo, to Rockwood Sprinkler Co. Hydraulic turret control. 2,753,003, 7-3-56, Cl. 169—25.
- Gurney, Harlan A., and M. D. Guyot. Calculating device. 2,732,128, 1-24-56, Cl. 235—61.
- Gurney, Theodore, to United Aircraft Corp. De-icing arrangements for engine cooling systems. 2,755,044, 7-17-56, Cl. 244—134.
- Gurney, William B. High pressure steam purifier. 2,739,663, 3-27-56, Cl. 183—1.
- Gurniak, John: *See—*
- Focht, Walter, Jr., Gurniak, and Starr. 2,743,796.
- Gurries, Albert G., and E. J. Rimple, to Be-Gel Mfg. Co. Reversible die press. 2,732,782, 1-31-56, Cl. 87—32.
- Gurry, Robert W., to United States Steel Corp. Method for electrolytically pointing wire. 2,773,024, 12-4-56, Cl. 204—142.
- Gurwitz, Harry M.: *See—*
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- Gusching, Nagle V., to The Monarch Machine Tool Co. Mist lubricator. 2,755,135, 7-17-56, Cl. 299—143.
- Gusdanovic, Theodore B. Artificial plug bait. 2,751,704, 6-26-56, Cl. 43—1248.
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- Bazarian, Albert V., Grimm, Gusman, and Silver. 2,767,350.
- Gusman, Leo, A. V. Bazarian, M. N. Silver, and J. F. Grimm. Ultra Cora counting and storage device. 2,774,915, 12-18-56, Cl. 315—84.6.
- Guss, Charles. Liquid cleaner and polisher and method of compounding the same. 2,757,094, 7-31-56, Cl. 106—8.
- Guss, David: *See—*
- Billett, Edward, and D. and J. Guss, and Horrow. 2,749,633.
- Guss, Joseph: *See—*
- Billett, Edward, and D. and J. Guss, and Horrow. 2,749,634.
- Gussack, Nathan A., to Grant Polley & Hardware Corp. Multi-position lock device. 2,739,027, 3-20-56, Cl. 312—353.
- Gussow, William A., to S & G Electric Co. Switch construction. 2,766,340, 10-9-56, Cl. 200—48.
- Gustafson, Aron, and B. E. Gomo. Stone polishing machine. 2,771,718, 11-27-56, Cl. 51—126.
- Gustafson, Arthur R. Book binder and machine for assembling same. 2,743,467, 5-1-56, Cl. 11—1.
- Gustafson, August W. Grain drill. 2,755,002, 7-17-56, Cl. 222—232.
- Gustafson, Blaine W.: *See—*
- Sutherland, Gail R., Gustafson, and Skromme. 2,731,995.
- Gustafson, Blaine W. to Deere Mfg. Co. Grain harvester attachment. 2,733,119, 9-18-56, Cl. 56—158.
- Gustafson, David A., to McGraw Electric Co. Wafler baker. 2,743,665, 5-1-56, Cl. 99—331.
- Gustafson, Eric W. Boat mooring means. 2,771,053, 11-20-56, Cl. 114—230.
- Gustafson, Gustav W., to Lamb-Grays Harben Co., Inc. Glue applying apparatus. 2,770,211, 11-13-56, Cl. 118—11.
- Gustafson, Gustaf. Pruning implement. 2,744,322, 5-8-56, Cl. 30—249.
- Gustafson, Ralph W., to General Electric Co. Switch. 2,741,676, 4-10-56, Cl. 200—67.
- Gustafson, Richard B.: *See—*
- Gross, Malvern J., and Gustafson. 2,756,368.
- Gustafson, Vernon A. Snowplow. 2,752,699, 7-3-56, Cl. 37—43.
- Gustafson, Viron O. E. Feeder for little pigs. 2,749,881, 6-12-56, Cl. 119—52.
- Gustafsson, Amuth. Soldering iron. 2,758,192, 8-7-56, Cl. 219—26.
- Gustafsson, Carl J.: *See—*
- Barth, Elmer J., and Gustafsson. 2,763,159.
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- Fessler, Frank. 2,762,375.
- Gustave, Miller: *See—*
- Puzarowski, Stanley J. 2,770,366.
- Gustavson, David W., to General Electric Co. Auxiliary waste receiver for waste disposal apparatus. 2,761,626, 9-4-56, Cl. 241—32.5.
- Gustavson, Inc.: *See—*
- Angust, Edwin H., Gustavson, and Hahn. 2,756,399.
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- Angust, Edward H., Gustavson, and Hahn. 2,756,399.
- Gustavson, Charles G. Device for turning stockings. 2,733,844, 2-7-56, Cl. 223—42.
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- Gustavsson, Karl A. G., to Aktiebolaget B. A. Hjorth & Co. Method of converting kinetic energy to pressure energy and a device for carrying out the method. 2,771,157, 11-20-56, Cl. 183—83.
- Gustin-Bacon Mfg. Co.: *See—*
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- Stephens, Joseph F., and Tilbrook. 2,768,026.
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- Huisken, Heinrich, and Thomas. 2,763,479.
- Gütternann, Richard C. Method and apparatus for winding textile bobbins. 2,753,124, 7-3-56, Cl. 242—18.
- Guth, Edwin F. Light diffusers for illuminating devices. 2,745,001, 5-8-56, Cl. 240—78.
- Guth, Lauren W., to General Electric Co. Dishwasher with cover latching mechanism. 2,759,485, 8-21-56, Cl. 134—58.
- Guthmann, Hans. Fluting machine. 2,753,917, 7-10-56, Cl. 153—70.
- Guthrie, David B., and W. S. Knowles, to Monsanto Chemical Co. Manufacture of DDT. 2,766,298, 10-9-56, Cl. 260—649.
- Guthrie, George B., to The Hall China Co. Roller tool jiggering machine. 2,729,870, 1-10-56, Cl. 25—24.
- Guthrie, George B., to Taylor, Smith & Taylor, The Hall China Co., and Harker Pottery Co. Centering and holding device. 2,731,126, 1-17-56, Cl. 198—19.
- Guthrie, James, to Esso Research and Engineering Co. Method for regenerating catalyst by combustion. 2,758,979, 8-14-56, Cl. 252—417.
- Guthrie, James E. File drawer support. 2,743,984, 5-1-56, Cl. 312—317.
- Guthrie, James M.: *See—*
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- Guthrie, John D.: *See—*
- Chance, Leon H., Warren, and Guthrie. 2,743,232.
- Flynn, Francis F., Reeves, and Guthrie. 2,743,299.
- Reeves, Wilson A., Corley, and Guthrie. 2,751,278.
- Reeves, Wilson A., and Guthrie. 2,750,249.
- Reeves, Wilson A., and Guthrie. 2,753,240.
- Reeves, Wilson A., and Guthrie. 2,768,997.
- Reeves, Wilson A., and Guthrie. 2,772,188.
- Guthrie, John D., to the United States of America as represented by the Secretary of Agriculture. Producing colored cellulosic textiles. 2,741,532, 4-10-56, Cl. 8—17.
- Guthrie, John S. Rope clutch. 2,764,949, 10-2-56, Cl. 104—229.
- Guthrie, Roy C., and J. P. Pierce. Ash tray with extinguisher. 2,760,514, 8-28-56, Cl. 131—237.
- Guthrie, William D., to Titanium Metals Corp. of America. Purification of titanium tetrachloride. 2,758,009, 8-7-56, Cl. 23—87.
- Gutkowski, George A., to Boeing Airplane Co. Fuel tank leak detector. 2,757,362, 7-31-56, Cl. 340—237.
- Gutman, Alfred S. Electrical connectors. 2,730,684, 1-10-56, Cl. 339—60.
- Gutman, Paul. Cartridge finishing machines. 2,748,449, 6-5-56, Cl. 29—1.3.
- Gutoff, Boris: *See—*
- Pizzarello, Roy A., and Gutoff. 2,773,071.
- Guttmann, Arthur Z.: *See—*
- Goldstein, Harold A., Herz, and Guttmann. 2,737,599.
- Guttmann, Harry. Fire extinguisher. 2,764,245, 9-25-56, Cl. 169—26.
- Guttmann, Robert P., and C. G. Small, to the United States of America as represented by the Secretary of the Army. Borehole camera. 2,737,864, 3-13-56, Cl. 95—11.
- Güttler, Paul: *See—*
- Guanella, Gustav, and Güttinger. 2,760,188.
- Guanella, Gustav, Güttinger, Lattman and Weber. 2,730,715.
- Güttinger, Walter, and G. Spiess, to Inventio Aktiengesellschaft. Braking devices for elevators. 2,746,567, 5-22-56, Cl. 23—29.
- Guttman, Frederick. Animated toy figure. 2,729,024, 1-3-56, Cl. 46—154.
- Gutton, Henri and F. Violet, to Compagnie Generale de Telegraphie Sans Fil. Apparatus with focalized electronic beam, such as microscopes. 2,730,652, 1-10-56, Cl. 315—14.
- Gutton, Henri, and C. Azéma, to Compagnie Generale de Telegraphie Sans Fil. Tube for ultra short waves. 2,761,091, 8-28-56, Cl. 315—39.75.
- Guttridge, Eric J., to Powers-Samas Accounting Machines Ltd. Record card controlled statistical machines. 2,771,293, 11-20-56, Cl. 271—88.
- Guttridge, Eric J., J. H. Lucas, and R. P. B. Yandell, to Powers-Samas Accounting Machines Ltd. Multiplying machines controlled by statistical record cards. 2,764,346, 9-25-56, Cl. 235—61.6.
- Guttwien, Gunter K., and C. E. Bessey, to the United States of America as represented by the Secretary of the Army. Tone control circuit. 2,745,907, 5-15-56, Cl. 179—171.
- Guzeit, Carlos L., to Socony Mobil Oil Co., Inc. Catalyst supports and process for preparing the same. 2,735,801, 2-7-56, Cl. 196—50.
- Guzeit, Carlos L., and W. H. Lang, to Socony Mobil Oil Co., Inc. Alumina-chromia-phosphorus pentoxide catalyst and method for preparing the same. 2,773,837, 12-11-56, Cl. 252—437.
- Guzeit, Gregoire: *See—*
- Talmey, Paul, and Guzeit. 2,762,723.
- Guy, David W., to Wade Guy Corp. Vehicle shifting device. 2,758,152, 7-3-56, Cl. 254—86.
- Guy, Frederick M., to U. S. Universal Joints Co. Shaft hanger. 2,740,673, 4-3-56, Cl. 308—28.
- Guy, Frederick M., to U. S. Universal Joints Co. Shaft hanger. 2,772,126, 11-27-56, Cl. 308—28.
- Guy, Joseph. Arch support. 2,755,569, 7-24-56, Cl. 36—71.



- Guy, Kenneth T.: *See*—  
Mills, Terence W., and Guy. 2,733,891.
- Guy, Wade, Corp.: *See*—  
Guy, David W. 2,753,152.
- Guyennon, André. Connecting rod bearing assembly for pump or like. 2,768,586, 10-30-56, Cl. 103-161.
- Guyer, John W.: *See*—  
Bender, Howard L., Farnham, and Guyer. 2,731,437.  
Bender, Howard L., Farnham, and Guyer. 2,744,882.  
Bender, Howard L., Farnham, Guyer, and Gibb. 2,754,335.
- Guyer, Reynolds, to Waldorf Paper Products Co. Surgical drap package. 2,735,844, 2-21-56, Cl. 206-63.2.
- Guyer, Reynolds, to Waldorf Paper Products Co. Method of making double-faced corrugated board having a tear strip therein. 2,751,964, 6-26-56, Cl. 154-33.05.
- Guyer, Reynolds, to Waldorf Paper Products Co. Method of producing a lined carton. 2,764,069, 9-25-56, Cl. 93-36.6.
- Guyer, Reynolds, to Waldorf Paper Products Co. Bacon tray. 2,773,637, 12-11-56, Cl. 229-87.
- Guyer, Walter R. F.: *See*—  
Arundale, Erving, Guyer, and Thorn. 2,758,062.  
Thorn, John P., Guyer, and Arundale. 2,739,945.
- Guyot, Walter R., to W. Wilchinsky, and J. P. Thorn, to Esso Research and Engineering Co. Hydrocarbon conversion catalysts. 2,739,946, 8-27-56, Cl. 252-466.
- Guyot, Hervé: *See*—  
Kohn, Samuel, and Guyot. 2,763,154.
- Guyot, Morel D.: *See*—  
Guyot, Guy, and Guyot. 2,732,128.
- Guyot, Reinhard. Tape cutter. 2,760,573, 8-28-56, Cl. 164-84.5.
- Guyss, Burton W., and S. Wixson. Utility clamp and holder. 2,749,073, 6-5-56, Cl. 248-226.
- Guyton, Glenn B. Semi-automatic valve for oil distributing systems. 2,765,805, 10-9-56, Cl. 137-122.
- Guyton, James H., to General Motors Corp. Signal seeking tuning circuit. 2,737,581, 3-6-56, Cl. 250-20.
- Guyton, James H., to General Motors Corp. Signal actuated tuner selective over noise level. 2,764,675, 9-25-56, Cl. 250-20.
- Guyton, Robert H. Refrigerator condenser. 2,768,508, 10-30-56, Cl. 62-115.
- Guzauski, Victor V. Device for indicating the change of speed necessary to maintain an average speed of a vehicle. 2,753,548, 7-3-56, Cl. 340-268.
- Guzzino, Leonard. Tufted upholstery and method of making same. 2,745,212, 5-15-56, Cl. 45-138.
- Gwaltney, Eugene C., to Saco-Lowell Shops. Spinning frame. 2,770,093, 11-13-56, Cl. 57-99.
- Gwynn, Joseph M., Jr., to Gar Wood Industries, Inc. Float-actuated ratchet and link hoist. 2,740,661, 4-3-56, Cl. 298-22.
- Gwynn, Harry M., Jr., and C. D. Laughlin, to Minerals Chemicals Corp. of America. Continuous percolation system. 2,762,510, 9-11-56, Cl. 210-42.5.
- Gwynn, Bernard H.: *See*—  
Anderson, Arnold G., and Gwynn. 2,731,501.  
Carter, Charles E., and Gwynn. 2,739,025.
- Gwynn, Bernard H., to Gulf Research & Development Co. Hydroformylation process using coil reactor. 2,748,168, 5-29-56, Cl. 260-604.
- Gwynn, Bernard H., to Gulf Research & Development Co. Process for hydrogenating aldehydes. 2,760,994, 8-28-56, Cl. 260-68.
- Gwynn, Bernard H., and J. H. Hirsch, to Gulf Research & Development Co. Hydroformylation of olefins. 2,734,922, 2-14-56, Cl. 260-604.
- Gwynn, Bernard H., and J. H. Hirsch, to Gulf Research & Development Co. Production of alcohols by oxo process. 2,743,302, 4-24-56, Cl. 260-638.
- Gwynn, Bernard H., and W. A. Horne, to Gulf Research & Development Co. Recovering metals from hydroformylation products. 2,747,986, 5-29-56, Cl. 75-28.
- Gwynne, Jacob M. Metal frame constructions. 2,736,403, Cl. 189-76.
- Gyllenberg, John L., to A. Brandenthaler. Safety razor construction. 2,735,174, 2-21-56, Cl. 30-49.
- Gyllenberg, John L., to A. Brandenthaler. Overload release clutch. 2,742,988, 4-24-56, Cl. 192-56.
- Gyllenberg, John L., to A. Brandenthaler. Pulp-wood bark-removing machine having pivotable angular supporting arms for rotatable cutters and brushes. 2,771,922, 11-27-56, Cl. 144-208.
- Gregory, Paul, and F. Zilkken, to American Home Products Corp. Enzymatic synthesis of 4-O-β-D-galacto-pyranosyl-N-acetyl-D-glucosamine using living cells. 2,768,116, 10-23-56, Cl. 195-23.
- Gyrgy, Paul, and F. Zilkken, to American Home Products Corp. Enzymatic synthesis of N-acetylglucosaminidol galactose and galactosidol-N-acetyl glucosamine. 2,770,573, 11-13-56, Cl. 195-28.
- Gyrodonc Co. of America, Inc.: *See*—  
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- Gysin, Hans: *See*—  
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Margot, Alfred, and Gysin. 2,762,741.
- Gysin, Hans, and A. Margot, to J. R. Geigy A. G. Phosphoric acid esters. 2,754,243, 7-10-56, Cl. 167-33.
- Gysin, Hans, and A. Margot, to J. R. Geigy A. G. New phosphoric acid esters. 2,754,244, 7-10-56, Cl. 167-33.
- Gysin, Hans, and A. Margot, to J. R. Geigy A. G. 2-β-dimethylphosphorino-phosphoric acid esters. 2,754,302, 7-10-56, Cl. 260-291.
- Gyurik, Stephan: *See*—  
Fullam, John P., and Gyurik. 2,763,449.
- H & B Enterprise Corp.: *See*—  
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- H & H Truck Tank Co., Inc.: *See*—  
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- H. & L. Tooth Co.: *See*—  
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- H. S. D. Laboratories, Inc.: *See*—  
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- H. & T. Industries Ltd.: *See*—  
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- H & V Specialties Co., Inc.: *See*—  
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- Haafkens, Ferdinand E. M., to Unicura N. V. Container-suspensers. 2,757,671, 8-7-56, Cl. 128-216.
- Haag, Emil G. Vacuum table. 2,763,254, 7-3-56, Cl. 311-38.
- Haage, Konrad. Hammer and starting device therefor. 2,740,385, 4-3-56, Cl. 123-7.
- Haagen, Karl, to Farbenfabriken Bayer Aktiengesellschaft. Catalyst. 2,729,607, 1-3-56, Cl. 260-2.2.
- Haagens, Robert G., and L. Katz, to Raytheon Mfg. Co. Directly-cooled electromagnetic components. 2,770,785, 11-13-56, Cl. 336-61.
- Haagensen, Duane B., to Raytheon Mfg. Co. Magnetron excitation generators. 2,748,277, 5-29-56, Cl. 250-36.
- Haagensen, Duane B., to Raytheon Mfg. Co. High-frequency modulation systems. 2,750,506, 6-12-56, Cl. 250-36.
- Haagensen, Duane B., to Raytheon Mfg. Co. Diathermy applicators. 2,774,068, 12-11-56, 343-770.
- Haak, Fred C.: *See*—  
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- Haak, Paul O. K. Pipette. 2,737,812, 3-13-56, Cl. 73-425.4.
- Haake, Paul T.: *See*—  
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- Haalek, Fritz, to Askania Werke, A. G. Magnetometer, mainly for geomagnetic determinations. 2,760,154, 8-21-56, Cl. 324-38.
- Haape, Rudolf. Combined adjustable fishing hook and trap. 2,759,289, 8-21-56, Cl. 43-37.
- Haapola, Arthur C.: *See*—  
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- Haardt, Heinz: *See*—  
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- Haarmann, Arnold, to Becorit-Grubenaussbau G. m. b. H. Mine post. 2,747,828, 5-29-56, Cl. 248-354.
- Haas, Arthur W.: *See*—  
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- Haas, Charles B., to Igbore-Grind Machine Co., Inc. Spindle and slide control assembly. 2,745,668, 5-15-56, Cl. 279-6.
- Haas, Earle C. Tampon applicators. 2,733,714, 2-7-56, Cl. 128-263.
- Haas, Edgar, to Herman Schwabe, Inc. Clutch release control for clicking machine. 2,749,414, 6-5-56, Cl. 200-157.
- Haas, Glenn B., to Formetal, Inc. Self-locking sash balance. 2,747,219, 5-29-56, Cl. 16-197.
- Haas, Harold G., to Bendix Aviation Corp. Voltage regulating system. 2,740,084, 3-27-56, Cl. 322-28.
- Haas, Howard C.: *See*—  
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- Haas, Otto R., to United Shoe Machinery Corp. Machines for lasting and sewing shoes. 2,729,836, 1-10-56, Cl. 12-9.1.
- Haas, Otto R., to United Shoe Machinery Corp. Automatic shoe machines. 2,729,837, 1-10-56, Cl. 12-17.2.
- Haas, Otto R., to United Shoe Machinery Corp. Baseball sewing apparatus. 2,747,529, 5-29-56, Cl. 112-2.
- Haas, Peter W., Jr. Viscosity meter. 2,747,398, 5-29-56, Cl. 73-56.
- Haas, Richard G., to Sutherland Paper Co. Carton erecting machine. 2,741,957, 4-17-56, Cl. 93-51.
- Haas, Sidney V., Jr., to Beunitt Mills, Inc. Stop motion for fabric making machines. 2,772,551, 12-4-56, Cl. 66-163.
- Haase, Kurt: *See*—  
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- Haas, J. J. J., to The Goodyear Tire & Rubber Co. Method and apparatus for building tires. 2,747,650, 5-29-56, Cl. 154-9.
- Haase, Richard J., to Shell Development Co. Seismic depth gauging system. 2,735,303, 2-21-56, Cl. 73-398.
- Haase, Walter E., and W. F. Scheld. Indicator gauge. 2,759,269, 8-21-56, Cl. 33-169.
- Haase, Warren M. Removable fur trimming for boots. 2,729,899, 1-10-56, Cl. 36-7.1.
- Haayman, Pieter W.: *See*—  
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- Haayman, Pieter W., P. C. Romeyn, and E. J. W. Verwey, to Hartford National Bank and Trust Co. Trustee. Method of manufacturing semi-conductive material. 2,735,824, 2-21-56, Cl. 252-519.
- Haayman, Pieter W., P. C. van der Linden, D. Veeneman, and G. H. Janssen, to Hartford National Bank and Trust Co., as trustee. Method of increasing the electrical conductivity of tin oxide films. 2,772,190, 11-27-56, Cl. 117-211.
- Habe, John L.: *See*—  
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- Häbeerle, Albert, and F. Gödde, to Koppers Co., Inc. Signalling devices for coke-oven batteries. 2,730,707, 1-10-56, Cl. 340-282.

- Haber, Elizabeth D. Disposable mop heads. 2,733,468, 2-7-56, Cl. 15-225.
- Haberich, Willi: *See*—
- Bonath, Richard, and Haberich. 2,760,888.
- Haberland, Fritz, and W. Johnner, to Klangfilm Gesellschaft mit beschränkter Haftung. Mounting racks for electro-acoustic apparatus. 2,730,322, 1-10-56, Cl. 248-127.
- Haberland, Hans: *See*—
- Stroh, Rudolf, and Haberland. 2,762,845.
- Häberle, Albert, and E. Kemper, to Koppers Co., Inc. Ignition system for the flare pipe of gas producers. 2,734,562, 2-14-56, Cl. 158-125.
- Häberle, Ernst: *See*—
- Blumenstock, Friedrich, and Häberle. 2,740,057.
- Häberle, Paul H. Pivoted-jaw wrench having a jaw-closing spring anchored in a hollow pivot. 2,742,808, 4-24-56, Cl. 81-99.
- Häberlin, Hans P.: *See*—
- Bischoff, Fritz N., and Häberlin. 2,773,339.
- Haberstump, Alfred H., to George C. Knight Co. Rearview mirror for a motor vehicle. 2,733,886, 2-7-56, Cl. 248-203.
- Haberstump, Alfred H. Clip delivering and clinching tool. 2,767,400, 10-23-56, Cl. 1-187.
- Haberstump, Alfred H. Air operated clip clinching tool. 2,767,401, 10-23-56, Cl. 1-187.
- Habeshaw, John, and C. J. Geach, to The British Petroleum Co. Ltd. Production of dialdehydes and derivatives thereof. 2,729,650, 1-3-56, Cl. 260-340.7.
- Habicht, Ernst: *See*—
- Martin, Henry, and Habicht. 2,751,382.
- Martin, Henry, Habicht, and Zutter. 2,741,620.
- Habighurst, Becker: *See*—
- Wagner, Jean I., Habighurst, and Terry. 2,744,890.
- Hachmuth, Karl H., to Phillips Petroleum Co. Fractional distillation method and apparatus. 2,731,810, 1-24-56, Cl. 2-122.
- Hachmuth, Karl H., to Phillips Petroleum Co. Multi-stage crystallization apparatus. 2,743,996, 5-1-56, Cl. 23-273.
- Hachmuth, Karl H., to Phillips Petroleum Co. Separation of nitrogen bases. 2,755,282, 7-17-56, Cl. 260-290.
- Hachmuth, Karl H., to Phillips Petroleum Co. Fractionation of gases. 2,755,282, 7-17-56, Cl. 260-290.
- Hachmuth, Karl H., to Phillips Petroleum Co. Multi-stage crystallization process and apparatus. 2,764,878, 10-2-56, Cl. 62-124.
- Hack, Heinrich: *See*—
- Sedern, Klaus, Hack, and Kurz. 2,746,299.
- Hackenberg, John H.: *See*—
- Ridings, Garvice H., Hackenberg, Wise, Worthen, and Zahrislike. 2,732,276.
- Hackenberg, Werner, to Siemens & Halske Aktiengesellschaft. Electrical capacitor and filter unit. 2,759,155, 8-14-56, Cl. 3-79.
- Hacker, Arnold. Safety-type clamp for electric plug and socket. 2,761,109, 8-28-56, Cl. 339-77.
- Hacker, Charles H. Chlorophyllin derivative and its production. 2,769,011, 10-30-56, Cl. 260-314.
- Hacker, Kurt: *See*—
- Draun, Dieter, and Hacker. 2,769,329.
- Hackerman, Norman: *See*—
- Krodel, William J., and Hackerman. 2,743,178.
- Hackethal Draht-und Kabel Werke A. G.: *See*—
- Sleven, Josef, and Scheffler. 2,756,394.
- Hackett, Harry H. Pneumatic feed attachment for tape dispensers. 2,763,481, 9-18-56, Cl. 271-24.
- Hackett, Jay W.: *See*—
- Reed, Claude D., Felty, Hackett, and Hottenstein. 2,730,730.
- Hackett, Theodore N.: *See*—
- Schwartz, Daniel M., and Hackett. 2,729,532.
- Schwartz, Daniel M., and Hackett. 2,732,053.
- Schwartz, Daniel M., and Hackett. 2,775,138.
- Hackett, Theodore N., and D. M. Schwartz, to The Elmco Corp. Material handling machine. 2,729,348, 1-3-56, Cl. 24-131.
- Hackett, William S., to General Motors Corp. Process for reinforcing shell molds. 2,748,435, 6-5-56, Cl. 22-193.
- Hacking, Joseph F. Ground measuring instrument for wheeled structures. 2,742,229, 4-17-56, Cl. 235-95.
- Hacklander, Hans, to The Singer Mfg. Co. Roller pressers for seams. 2,746,750, 5-22-56, Cl. 271-23.
- Hacklander, Hans, to The Singer Mfg. Co. Sewing machine balancing. 2,750,906, 6-19-56, Cl. 112-220.
- Hackleroad, Margaret F.: *See*—
- Fitzpatrick, Hugh M., and Hackleroad. 2,741,911.
- Hackey, Reginald A.: *See*—
- Rogers, Edward S., and Hackey. 2,771,557.
- Hackley, Reginald A., and E. S. Rogers, to Radio Corp. of America. Sonic depthometer. 2,738,487, 3-13-56, Cl. 340-3.
- Hackmann, Johannes T., to Shell Development Co. Hydrazine fungicidal and bactericidal compositions and methods. 2,758,050, 8-7-56, Cl. 167-30.
- Hackmann, Johannes T., to Shell Development Co. Isothiourea compound fungicidal compositions and method of controlling fungi. 2,768,110, 10-23-56, Cl. 167-22.
- Hackmann, Johannes T., and G. P. E. M. Dierick, to Shell Development Co. Method of protecting plants from fungi by applying hydrazine salts of inorganic phosphorous acids. 2,773,796, 12-11-56, Cl. 167-14.
- Hackmann, Johannes T., and W. A. Pel, to Shell Development Co. Fungicidal composition comprising S-hydrocarbyl isothiourea salts and method of applying the same. 2,774,706, 12-18-56, Cl. 167-22.
- Hackney, Edward J., C. D. Faucette, and F. R. Darks. Process for making aerosol filters. 2,774,680, 12-18-56, Cl. 117-17.
- Hackney, James S. Ice cream making apparatus. 2,731,809, 1-24-56, Cl. 62-114.
- Hackney, Floyd. End terminals for tape lines. 2,770,883, 11-29-56, Cl. 32-137.
- Hackney, Robert F., and B. N. Lyle. Attachment for lifting truck, with end loading means. 2,744,644, 5-8-56, Cl. 214-512.
- Hackworth, Virgil. Brake master cylinder assembly. 2,732,918, 1-31-56, Cl. 188-152.
- Hadeo Engineering Co., Inc.: *See*—
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- Haddad, Chefik. Non-drip pouring cap and spout. 2,732,108, 1-24-56, Cl. 222-564.
- Haddad, James H., to Socony Mobil Oil Co., Inc. Method and apparatus for the conversion of liquid hydrocarbons in the presence of a granular contact material. 2,770,583, 11-13-56, Cl. 196-52.
- Haddad, Salomao J., ½ to Grace Hosiery Mills, Inc., and ½ to Baker-Cammack Hosiery Mills, Inc. Pattern jack control mechanism and method. 2,756,575, 7-31-56, Cl. 66-43.
- Haddad, Samuel. Collapsible boxes or crates. 2,729,386, 1-3-56, Cl. 229-41.
- Hadden, Donald: *See*—
- Batten, Webster R., and Hadden. 2,775,204.
- Hadden, Stuart T., to Socony Mobil Oil Co., Inc. Dehydrogenation process. 2,772,315, 11-27-56, Cl. 260-683.3.
- Haddock, Earl C., 50% to C. Y. Furr. Saw table with guide means for portable electric saws. 2,739,624, 3-27-56, Cl. 143-6.
- Haddon, Edward L.: *See*—
- Crist, Buckley, to The Jeffrey Mfg. Co. Vibratory conveyor starting apparatus. 2,751,068, 6-19-56, Cl. 198-220.
- Hadfield, Bertram M., to Automatic Electric Laboratories, Inc. Electric relay systems. 2,729,771, 1-3-56, Cl. 317-138.
- Hadfield, Thomas F. Calibrated knitting needle. 2,748,582, 6-5-56, Cl. 66-117.
- Hadley, Benjamin H. Thrust block. 2,773,724, 12-11-56, Cl. 308-1.
- Hadley, Edwin M., Jr., to Castings Patent Co. Plastics extrusion method. 2,756,461, 7-31-56, Cl. 18-55.
- Hadley, Harlan A., to Metrogram Corp. of America. Weighing scales. 2,771,289, 11-20-56, Cl. 265-54.
- Hadley, Harlan A., to Metrogram Corp. of America. Dampening devices. 2,775,444, 12-25-56, Cl. 267-1.
- Hadley, Homer M. Bridges and box girders therefor. 2,751,824, 4-24-56, Cl. 272-122.
- Hadley, Wilfred N., to Park & Woolson Machine Co. Fabric carbon duster and method. 2,730,113, 1-10-56, Cl. 134-9.
- Hadley, Wilfred N., to Parks & Woolson Machine Co. Fabric napping mechanism. 2,749,593, 6-12-56, Cl. 26-29.
- Hadley, Wilfred N., to Parks & Woolson Machine Co. Burling machine and method. 2,754,665, 7-17-56, Cl. 26-27.
- Hadley, Willard C.: *See*—
- Ragosine, Victor E., and Hadley. 2,733,356.
- Hädrich, Herbert: *See*—
- Brune, Heinrich W., Hädrich, and Böhm. 2,772,701.
- Haedel, Alvin D. Chlorination apparatus. 2,750,265, 6-12-56, Cl. 23-285.
- Hadwich, Fritz, to Schiess Aktiengesellschaft. Twisting head. 2,752,748, 7-3-56, Cl. 57-51.4.
- Hadwich, Fritz, to Schiess Aktiengesellschaft. Drive for a twisting head. 2,755,615, 7-24-56, Cl. 57-92.
- Haecher, John A., to Shell Development Co. Water cut apparatus. 2,758,477, 8-14-56, Cl. 73-438.
- Haeckel, Rudolf: *See*—
- Adam, Ludwig, Haeckel, and Schanz. 2,761,684.
- Haede, Werner: *See*—
- Ehrhart, Gustav, Ruschig, and Haede. 2,745,852.
- Ehrhart, Gustav, Ruschig, Schmidt-Thomé, Haede, and Fritsch. 2,752,340.
- Ehrhart, Gustav, Schmidt-Thomé, Ruschig, Fritsch, and Haede. 2,758,121.
- Ruschig, Heinrich, Fritsch, Schmidt-Thomé, and Haede. 2,751,461.
- Haefeli, Jakob, to Actiengesellschaft Joh. Jacob Rieter & Cie. Split drum for traverse winding frames. 2,739,761, 3-27-56, Cl. 242-43.
- Haefl, Andrew V., to Hughes Aircraft Co. Electron stream amplifier tube. 2,740,917, 4-3-56, Cl. 315-3.5.
- Haefl, Andrew V., to Hughes Aircraft Co. Half-tone storage tubes. 2,761,089, 8-28-56, Cl. 315-12.
- Haefliger, William W.: *See*—
- Holzhausen, Glen H., and Haefliger. 2,735,247.
- Haefele, Rowland W., to Sylvania Electric Products Inc. Squeeze detector translators. 2,765,516, 10-9-56, Cl. 29-25.3.
- Hacker, Ernest. Liquid counter. 2,764,315, 9-25-56, Cl. 222-38.
- Haendeler, Walter: *See*—
- Billen, Peter, and Haendeler. 2,741,363.
- Haendeler, Walter, to Schloemann Aktiengesellschaft. Device for extruding thin-walled tubes. 2,753,044, 7-3-56, Cl. 207-4.
- Haensel, Vladimir: *See*—
- Ipatieff, Vladimir N., Pines, and Kvetinskas. 2,758,140.
- Pines, Herman, and Ipatieff. 2,753,380.



- Haensel, Vladimir, to Universal Oil Products Co. Separating and cracking of oil from oil-bearing sands. 2,733,193, 1-31-56, Cl. 196-52.
- Haensel, Vladimir, to Universal Oil Products Co. Method for removing hydrogen sulfide from gaseous streams. 2,733,979, 2-7-56, Cl. 23-2.
- Haensel, Vladimir, to Universal Oil Products Co. Conditioning catalysts employed in the reforming of hydrocarbons. 2,752,289, 6-26-56, Cl. 196-50.
- Haensel, Vladimir, to Universal Oil Products Co. Catalytic reforming of high nitrogen and sulfur content gasoline fractions. 2,758,064, 8-7-56, Cl. 196-50.
- Haensel, Vladimir, to Universal Oil Products Co. Regeneration of platinum-containing aromatizing catalysts. 2,758,098, 8-7-56, Cl. 252-416.
- Haensel, Vladimir, to Universal Oil Products Co. Preparation of silica-alumina catalyst of reduced cracking activity. 2,763,623, 9-18-56, Cl. 252-455.
- Haensel, Vladimir, to Universal Oil Products Co. Saturating of a hydrocarbon fraction with hydrogen and then hydrodesulfurizing said fraction. 2,770,578, 11-13-56, Cl. 196-24.
- Haensel, Vladimir, to Universal Oil Products Co. Hydrogen refining hydrocarbons in the presence of an alkali metal-containing platinum catalyst. 2,773,011, 12-4-56, Cl. 196-36.
- Haensel, Vladimir, and H. W. Grote, to Universal Oil Products Co. Reforming of both straight run and cracked gasolines to provide high octane fuels. 2,740,751, 4-3-56, Cl. 196-50.
- Haensel, Vladimir, and J. W. Ziglar, to Universal Oil Products Co. Hydrocarbon conversion process and catalyst therefor. 2,759,897, 8-21-56, Cl. 252-442.
- Haensel, Vladimir, and H. W. Grote, to Universal Oil Products Co. Multiple state reforming process. 2,768,126, 10-23-56, Cl. 196-50.
- Haensel, Vladimir, and C. G. Gerhold, to Universal Oil Products Co. Catalytic conversion of naphtha fractions. 2,773,809, 12-11-56, Cl. 196-50.
- Haentges, Jean. Shoes. 2,742,716, 4-24-56, Cl. 36-2.5.
- Haentges, Otto and W. D. Stuffling box. 2,743,120, 4-24-56, Cl. 286-4.
- Haentjens, Walter D.: *See—*
- Haentjens, Otto and W. D. 2,743,120.
- Haes, Eric A. M. Suitcase accessible from opposite sides. 2,738,041, 3-13-56, Cl. 190-51.
- Haegele, Walter M., to C.O. Two Fire Equipment Co. Two-way check valve. 2,738,977, 3-20-56, Cl. 137-113.
- Haessler, William J., to E. G. Staudt Mfg. Co., Inc. Box wrapping machine. 2,757,586, 8-7-56, Cl. 93-54.
- Hafekost, Frederick: *See—*
- Hafekost, Morris, and Hafekost, 2,750,244.
- Hafner, Edmund, to Steel Slides, Inc. Extension table and extension arm therefor. 2,751,269, 6-19-56, Cl. 311-75.
- Hafjager, Franz: *See—*
- Morel, Charles J., and Hafjager. 2,762,796.
- Schindler, Walter, and Hafjager. 2,764,580.
- Schindler, Walter, and Hafjager. 2,751,393.
- Häffiger, Franz, to J. R. Geigy A. G. Acetamide composition containing 4,4'-dichlorobenzilic acid esters. 2,743,780, 5-15-56, Cl. 167-30.
- Häffiger, Franz, to J. R. Geigy A. G. Substituted 1,2-diphenyl-3,5-dioxo-pyrazolidines. 2,745,783, 5-15-56, Cl. 167-65.
- Häffiger, Franz, and W. Schindler, to J. R. Geigy A. G. Tetra-substituted diamino alkanes. 2,739,984, 3-27-56, Cl. 260-570.5.
- Hafjager, Franz, and W. Schindler, to J. R. Geigy A. G. N-aryl-N'-aminoalkyl-ureas. 2,762,842, 9-11-56, Cl. 260-553.
- Hafner, Ernest, to Dubied Machinery Co. Method and flat knitting machine for the manufacturing of regular knitted fabrics. 2,755,647, 7-24-56, Cl. 66-127.
- Hafner, Klaus: *See—*
- Ziegler, Karl, and Hafner. 2,766,304.
- Hafner, Ludwig G. P.: *See—*
- Potter, Raymond E., and Hafner. 2,739,324.
- Quirk, Justin P., and Hafner. 2,752,735.
- Hafner, William J.: *See—*
- Van Otteren, Wilbur M., and Hafner. 2,773,658.
- Hafke, Edward. Apparatus for producing fire extinguishing foam. 2,774,583, 12-18-56, Cl. 261-76.
- Hagard, Raymond, to Finishline Laboratories, Inc. Abrading tool. 2,743,558, 5-1-56, Cl. 51-187.
- Hagard, Elmore W., to Finishline Laboratories, Inc. Storage chair. 2,759,529, 8-21-56, Cl. 155-190.
- Hagard, Elmore W., to Finishline Laboratories, Inc. Scaffold. 2,775,459, 12-25-56, Cl. 304-28.
- Hagan Corp.: *See—*
- Griswold, Ray F. 2,751,610.
- Markson, Alfred A. 2,756,774.
- Michaels, Franklin. 2,730,618.
- Shafer, Joseph R., and Waxman. 2,770,246.
- Vetter, Otto B. 2,746,292.
- White, John H. 2,744,663.
- Williams, Ray S. 2,731,024.
- Hagan, Richard A., to Sylvania Electric Products Inc. Microwave gas tubes. 2,768,320, 10-23-56, Cl. 313-198.
- Hagans, Kenneth W. Refrigerant charging and weighing devices. 2,746,258, 5-22-56, Cl. 52-1.
- Hagberg, Gideon N. Apparatus for removing impurities from liquids. 2,732,943, 1-31-56, Cl. 210-1.5.
- Hagby, Gustav V., and S. U. Jonsson, to A/B Svenska Maskinverkin. Extended surface heat exchanger. 2,765,152, 10-2-56, Cl. 237-263.
- Hage, Pieter W.: *See—*
- Vetter, Herman J., and Hage. 2,754,968.
- Hage, Pieter W., to Stamicarbon N. V. Corn-starch process involving vortical classification. 2,772,990, 12-4-56, Cl. 127-67.
- Hage, William T., to The Babcock & Wilcox Co. Tapping control system for melting furnaces. 2,730,500, 1-10-56, Cl. 13-73.
- Hage, William T., to The Babcock & Wilcox Co. Magnetic type temperature controller. 2,752,473, 6-26-56, Cl. 219-20.
- Hagedorn, Paul. Load distributing wheel supporting undercarriage for vehicles. 2,750,201, 6-12-56, Cl. 280-104.5.
- Hagel, Jakob, to C. C. Mauthe Soc. En Com. Pro Acciones. Slide tumbler shell plug cylinder lock. 2,766,611, 10-16-56, Cl. 70-364.
- Hagelbarger, David W., and L. R. Walker, to Bell Telephone Laboratories, Inc. Microwave oscillator. 2,745,984, 5-15-56, Cl. 315-4.
- Hagelin, Boris C. W. Keying mechanism. 2,765,364, 10-2-56, Cl. 178-22.
- Hagelton, Bror H., to Svenska Aktiebolaget Polva. Plastic strips. 2,739,089, 3-20-56, Cl. 154-43.
- Hagemann, August: *See—*
- Böttig, Walter, and Hagemann. 2,755,308.
- Hagemann, August, and K. Büchner, to Ruhrchemie Aktiengesellschaft, Oberhausen-Holten and Lurge Gesellschaft für Varmetechnik. Production of synthetic aliphatic alcohols. 2,750,430, 6-12-56, Cl. 260-638.
- Hagemann, Elisabeth C. M.: *See—*
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- Hagemann, French T., L. I. Katzin, and N. N. Hellman, to the United States of America as represented by the United States Atomic Energy Commission. Re-extraction of uranium from organic solvents. 2,745,157, 4-24-56, Cl. 20-15.
- Hagemann, Melloy S. Blood vessel drainage tube. 2,729,876, 1-10-56, Cl. 27-24.
- Hagemans, Karel L.: *See—*
- Swart, Karel, Hagemans, and Otto. 2,743,998.
- Hagemeyer, Hugh J., Jr.: *See—*
- Finch, Gaylord K., and Hagemeyer. 2,748,171.
- Gee, Robert E., Jr., and Hagemeyer. 2,734,909.
- Hagemeyer, Hugh J., Jr., to Eastman Kodak Co. Manufacture of carboxyl compounds. 2,739,169, 3-20-56, Cl. 260-540.
- Hagemeyer, Hugh J., Jr., to Eastman Kodak Co. Acrylonitrile polymers modified with amylose ethers. 2,763,627, 9-18-56, Cl. 260-17.4.
- Hagemeyer, Hugh J., Jr., to Eastman Kodak Co. Alkali hydroperoxides as olefin polymerization catalysts. 2,772,259, 11-27-56, Cl. 260-94.9.
- Hagemeyer, Hugh J., Jr., and D. C. Hull, to Eastman Kodak Co. Process of producing oxygenated organic compounds. 2,748,167, 5-29-56, Cl. 260-604.
- Hagemeyer, Hugh J., Jr., and M. A. Perry, to Eastman Kodak Co. Manufacture of aldehydes by the pyrolysis of acetals. 2,759,979, 8-21-56, Cl. 260-601.
- Hagemeyer, Hugh J., Jr., and W. J. Clegg, to Eastman Kodak Co. Process of hydrating ethylene with copper fluoborate catalyst. 2,763,697, 9-18-56, Cl. 260-641.
- Hagemeyer, Hugh J., Jr., and E. L. Oglesby, to Eastman Kodak Co. Resinous products containing free hydroxyl groups prepared by polymerizing acrylonitrile in admixture with an interpolymers of an alcohol and another unsaturated monomer. 2,770,607, 11-13-56, Cl. 260-30.2.
- Hagemeyer, James L.: *See—*
- Placke, Everett H., and Hagemeyer. 2,756,935.
- Hagen, Bernice E. Ash disposal unit for fireplace. 2,733,708, 2-7-56, Cl. 126-242.
- Hagen, Clarence R., to International Harvester Co. Pneumatic conveyor structure. 2,739,015, 3-20-56, Cl. 302-59.
- Hagen, Eugene. Flush box valve. 2,758,313, 8-14-56, Cl. 4-57.
- Hagen, Frances M.: *See—*
- Hagen, Oscar E. 2,749,878.
- Hagen, George, deceased: M. Hagen, administratrix of said G. Hagen. Fishing reel pump drives. 2,772,506, 12-4-56, Cl. 43-20.
- Hagen, Glenn E., C. R. Williams, and R. D. Hancock, to National Air, Inc. Gold cathode switch tube. 2,729,762, 1-3-56, Cl. 313-185.
- Hagen, Hans W.: *See—*
- Gielow, Christian, and Hagen. 2,765,153.
- Hagen, Jerry: *See—*
- Feigel, Richard S., and Hagen. 2,742,780.
- Hagen, Jerry, to Minneapolis-Honeywell Regulator Co. Electrically controlled self-steering apparatus for a vehicle. 2,742,099, 4-17-56, Cl. 180-79.1.
- Hagen, John. Wheel actuated toy vehicle. 2,772,513, 12-4-56, Cl. 46-205.
- Hagen Mfg. Co., Inc.: *See—*
- Hagen, Paul A. 2,735,915.
- Hagen, Marguerite: *See—*
- Hagen, George. 2,772,506.
- Hagen, Norbert: *See—*
- Hagen, Reinold and N. 2,774,993.
- Hagen, Oscar E., deceased, by F. M. Hagen, executrix, to Kimberly-Clark Corp. Paper coating apparatus. 2,749,878, 6-12-56, Cl. 118-249.
- Hagen, Paul A., to Hagen Mfg. Co., Inc. Tool life indicators. 2,735,915, 2-21-56, Cl. 200-153.

- Hagen, Reinold and N. Process for making grips for handles of pliers and similar handles. 2,774,993, 12-25-56, Cl. 18-59.
- Hagenboecker, Alfred, to Ciba Ltd. Process for the manufacture of solutions of 2-aminonaphthalene in organic solvents. 2,763,690, 9-18-56, Cl. 260-578.
- Hagenbook, Lloyd D., to Goodman Mfg. Co. Shock resistant mounting for vehicles. 2,757,809, 8-7-56, Cl. 214-83,36.
- Hagenbook, Loy D., to Goodman Mfg. Co. Bumper. 2,757,950, 8-7-56, Cl. 293-88.
- Hagenbook, Loy D., to Goodman Mfg. Co. Dust separator. 2,770,819, 11-13-56, Cl. 183-8.
- Hagenhaus, Kurt: See—  
Panzerbieter, Hans, Hagenhaus, Jabczynski, Bacher, and Tiesler. 2,739,185.
- Hagenhaus, Kurt, to Siemens & Halske, Aktiengesellschaft. Marker impulse generator for signalling systems. 2,747,023, 9-22-56, Cl. 179-18.
- Hagenhaus, Kurt, and G. Tiesler, to Siemens & Halske, Aktiengesellschaft. Apparatus for testing signal impulse generators. 2,747,033, 5-22-56, Cl. 179-173,2.
- Hagenlocher, Ernest. Torsionally resilient flexible couplings. 2,745,267, 5-15-56, Cl. 64-13.
- Hagensick, Charles G.: See—  
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- Hagensick, Charles G., to Westinghouse Electric Corp. Rectifier control apparatus. 2,733,400, 1-31-56, Cl. 321-14.
- Hager, C., and Sons Hinge Mfg. Co.: See—  
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- Stevens, Joseph H., and Hager. 2,760,805.
- Hager, Herman A. Log loading andiron. 2,762,363, 9-11-56, Cl. 126-298.
- Hager, Louis A., Jr.: See—  
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- Hager, Richard E., to Cameron Iron Works, Inc. Sealing and pressuring apparatus. 2,748,869, 6-5-56, Cl. 160-75.
- Hager, Robert E., to Gulf Research & Development Co. Electric motor control apparatus. 2,755,423, 7-17-56, Cl. 818-261.
- Hagerbaumer, William A.: See—  
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- Hagerman, Lawrence. Decorating machine. 2,739,531, 8-27-56, Cl. 101-126.
- Hägermann, Heinrich, to Aktien-Gesellschaft "Weser." Drive arrangement for exhaust steam turbines. 2,741,928, 4-17-56, Cl. 74-421.
- Hagerty, Andrew T., to The Adlake Co. Sash construction. 2,760,608, 8-28-56, Cl. 189-76.
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- Hagerty, Andrew T., and W. F. Ehret, to The Adlake Co. Ash receivers. 2,754,991, 7-17-56, Cl. 220-18.
- Hagerty, Andrew T., and C. A. Pressnall, to The Adlake Co. Window structure. 2,763,038, 9-18-56, Cl. 20-69.
- Hagerty, Charles L. Variable torque transmitting device. 2,742,111, 4-17-56, Cl. 188-86.
- Hagerty, William W., and R. A. Yagle, to the United States of America as represented by the Secretary of the Air Force. Spray analyzer. 2,756,591, 7-31-56, Cl. 73-119.
- Haggard, John M., to Delphi Products Co., Inc. Cattle chute. 2,764,129, 9-25-56, Cl. 119-99.
- Hagstatter, John W., Jr. Lock-nut having fastening zone and columnar supported locking zone. 2,750,980, 6-19-56, Cl. 151-21.
- Hagge, Walter, and M. Quaedvlieg, to Farbenfabriken Bayer Aktiengesellschaft. Washing and softening textile goods. 2,734,830, 2-14-56, Cl. 117-47.
- Haggerty, Patrick E., to Texas Instruments Inc. Apparatus and apparatus for canceling reverberations in water layers. 2,757,356, 7-31-56, Cl. 340-7.
- Hägglund, David O., and A. E. E. Jansson. Combined fuse and disconnecting device. 2,740,014, 3-27-56, Cl. 200-114.
- Hagiwara, Noboru. Pressure responsive pop valves. 2,754,842, 7-17-56, Cl. 137-470.
- Hagler, Thomas W., Sr., to Georgia Iron Works Co. Means for determining specific gravity of fluids and slurries in motion. 2,768,529, 10-30-56, Cl. 73-438.
- Häglund, Gustaf, to Aktiebolaget Hedemora Verkstad. Contracting apparatus for gases or vapours and liquids. 2,737,376, 3-6-56, Cl. 281-92.
- Hagman, Walter F., to Globe American Corp. Water softener. 2,767,139, 10-16-56, Cl. 210-24.
- Hagood, Ernest. Pressure control for slidable head in a propane filter drum. 2,750,046, 6-12-56, Cl. 210-180.
- Hagopian, Jacob J., to Northrop Aircraft, Inc. Differential ring counter. 2,764,349, 9-25-56, Cl. 235-92.
- Hagopian, Jacob J., and S. R. Hennies, to Northrop Aircraft, Inc. Automatic radio control system. 2,769,601, 11-6-56, Cl. 244-14.
- Hagopian, Jacob J., and N. Meadowcroft, to Northrop Aircraft, Inc. Remote control keyer. 2,774,864, 12-18-56, Cl. 250-2.
- Hagopian, Vahan, E. E. Barth, and W. B. Wilkins, to Stella Trust U/A. Method of making multilayer fibrous closed-end containers. 2,766,161, 10-9-56, Cl. 154-83.
- Hagstrom, Albert A.: See—  
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- Hagstrom, Albert G. Micrometer gauge having means to prevent lost motion. 2,741,847, 4-17-56, Cl. 33-164.
- Hague, Robert Z.: See—  
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- Hague, Robert Z., to Rockwell Mfg. Co. Register drive mechanism for compound fluid meters. 2,764,022, 9-25-56, Cl. 73-197.
- Hahn, Carl: See—  
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- Hahn, Edgar A., to Lyon Inc. Steel pickling process. 2,762,021, 10-9-56, Cl. 133-10.
- Hahn, George W. Garage door operator. 2,753,179, 7-3-56, Cl. 268-74.
- Hahn, Gilbert B.: See—  
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- Douglas, Alvin P., and Hahn. 2,755,095.
- Hahn, Herman E.: See—  
August, Edward H., Gustavson, and Hahn. 2,756,399.
- Hahn, Joel A. E. Garden tool. 2,769,385, 11-6-56, Cl. 97-58.
- Hahn, Ladislau A., and J. Fekete, to Aktiebolaget Ferrosan. New and biologically active diphenylmethane derivatives and method of making the same. 2,731,494, 1-17-56, Cl. 260-507.
- Hahn, Ladislau A., G. Ekström, and E. Frank, to A B Ferrosan. New biologically active polycyclic triaryl-methane derivatives and a process for their preparation. 2,766,263, 10-9-56, Cl. 260-393.
- Hahn, Oliver M., and R. S. Mallouk, to E. I. du Pont de Nemours and Co. Injection molding of polytetrafluoroethylene. 2,770,842, 11-20-56, Cl. 18-65.
- Hahn, Paul T.: See—  
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- Gaylord, James K., Carter, and Hahn. 2,762,476.
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- Gaylord, James K., and Hahn. 2,766,347.
- Gaylord, James K., Thatcher, and Hahn. 2,761,035.
- Hahn, Steven: See—  
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- Hahn, Willard E., and E. E. Burroughs, to St. Regis Paper Co. Method and apparatus for application of valve sleeves during tubing operation. 2,753,768, 7-10-56, Cl. 93-5.
- Hahn, William P., and E. R. Powell, to Johns-Manville Corp. Glass composition. 2,756,158, 7-24-56, Cl. 106-50.
- Hahn, William W., and R. H. Brodt, to Universal Paper Bag Co. Valve bag. 2,745,594, 5-15-56, Cl. 229-62,5.
- Hahn, Alwin, to the United States of America as represented by the Secretary of the Army. Frequency multiplier circuit. 2,730,831, 1-10-56, Cl. 250-36.
- Hahn, Alwin, to the United States of America as represented by the Secretary of the Army. Frequency multiplier. 2,745,963, 5-15-56, Cl. 250-36.
- Hahn, James O. Propelling mechanism for rowboats. 2,739,929, 8-27-56, Cl. 115-18.
- Haigh, Edgar, and P. F. Keydell, to General Motors Corp. Combustion chamber. 2,770,227, 11-13-56, Cl. 123-191.
- Haile, Clement, to Free Sewing Machine Co. Needle packet. 2,771,187, 11-20-56, Cl. 206-66.
- Haile, Frank O. Material handling systems. 2,752,118, 8-26-56, Cl. 249-7.
- Hailes, William D., to General Railway Signal Co. Contact assembly for electromagnetic relays. 2,738,400, 3-13-56, Cl. 200-166.
- Hailes, William D., to General Railway Signal Co. Contact assembly for electromagnetic relays. 2,769,881, 11-6-56, Cl. 200-166.
- Hallston, Ellis W.: See—  
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- Haines, Jesse H., to Allen B. Du Mont Laboratories, Inc. Mixed highs filter circuit. 2,737,628, 3-6-56, Cl. 333-6.
- Haines, Jesse H., to Allen B. Du Mont Laboratories, Inc. Electron optical filter. 2,753,763, 7-10-56, Cl. 88-61.
- Haines, John F.: See—  
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- Haines, Kenneth D., to The Standard Register Co. Strip feeding apparatus. 2,743,806, 5-1-56, Cl. 197-133.
- Haines, Marcus W., to McGaffey-Taylor Corp. Well tool and anchoring means therefor. 2,739,653, 3-27-56, Cl. 166-136.
- Hain, Robert M.: See—  
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- Annable, Weldon G., and Haines. 2,769,759.
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- Annable, Weldon G., Haines, and Lucas. 2,755,226.
- Annable, Weldon G., Lucas, and Haines. 2,770,579.
- Hainke, Oscar. Dust protector for internal combustion engines. 2,754,809, 7-17-56, Cl. 123-41,65.
- Hair, Richard T.: See—  
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- Haire, John. Submarine growth cutter. 2,741,080, 4-10-56, Cl. 56-8.
- Hairy, René E. Arc suppressors for electric switchgear. 2,753,423, 7-3-56, Cl. 200-144.
- Hait, Haskell: See—  
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- Hait, James M., to Food Machinery and Chemical Corp. Fruit transferring and rejecting means. 2,744,613, 5-8-56, Cl. 198-33.
- Hait, James M., to Food Machinery and Chemical Corp. Fruit inspecting and rejecting means. 2,769,521, 11-6-56, Cl. 195-33.
- Hajdu, Stephen: See—  
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- Hajos, Eugene, to The Howe Scale Co., Inc. Weighing machine printer. 2,730,303, 1-10-56, Cl. 235-138.



- Hajos, Joseph L. : *See*—  
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 Hake, Richard, to Joh. Friedrich Ohler O. H. G. Sawing machine. 2,769,224, 11-6-56, Cl. 29-67.  
 Hakogi, Ichiro. Process of and an apparatus for silk screen printing on curved surfaces of a cylindrical article. 2,767,647, 10-23-56, Cl. 101-126.  
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 Hakomaki, Raymond I., to the United States of America as represented by the Secretary of the Navy. Method of folding and launching balloons. 2,758,804, 8-14-56, Cl. 244-31.  
 Hakomaki, Raymond I. and W. F. Huch, to General Mills, Inc. Method of forming balloons containing messages. 2,770,933, 11-20-56, Cl. 53-29.  
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 Halahan, John, T. F. Aronson, and F. A. Lyon. Paper feeder. 2,770,458, 11-13-56, Cl. 271-29.  
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 Halerham, Tobias. Pneumatic umbrella. 2,753,878, 7-10-56, Cl. 135-20.  
 Halbig, Paul, to Lonza Electric and Chemical Works Ltd. Process for the production of crystalline cyclohexyl peroxides. 2,750,421, 6-12-56, Cl. 260-610.  
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 Haldeman, John M., to General Motors Corp. Method of making piston rings. 2,748,453, 6-5-56, Cl. 29-156.6.  
 Haldeman, John M., to General Motors Corp. Process and apparatus for grinding piston and other rings. 2,749,672, 12-4-56, Cl. 51-103.  
 Haldeman, William F. Testing semi-conductor rectifiers. 2,743,420, 4-24-56, Cl. 324-158.  
 Hale, Andrew, and B. A. McClellan, to The Aetna-Standard Engineering Co. Continuous mill. 2,730,753, 1-17-56, Cl. 18-2.  
 Hale, Arthur N., to The Singer Mfg. Co. Sewing machine presser mechanisms. 2,741,201, 4-10-56, Cl. 112-237.  
 Hale, Arthur N., to The Singer Mfg. Co. Sewing machines. 2,749,862, 6-12-56, Cl. 112-220.  
 Hale, Arthur N., to Union Special Machine Co. Electric transmitter for sewing machines. 2,745,525, 5-15-56, Cl. 192-35.  
 Hale, Arthur N., and R. T. Smith, to Union Special Machine Co. Hook lubrication system for sewing machines. 2,762,325, 9-11-56, Cl. 112-256.  
 Hale, Cecil H., to Esso Research and Engineering Co. Synthesis of alcohol and aldehyde from olefins, carbon monoxide and hydrogen. 2,757,208, 7-31-56, Cl. 260-604.  
 Hale, Cedric, and C. H. Koonz, to Swift & Co. Individual freezing of eggs. 2,756,155, 7-24-56, Cl. 99-196.  
 Hale, Chauncey C., to Esso Research and Engineering Co. Dehydrated distillation for preparation of alkali metal salts of 2,4,6-trialkylphenols. 2,745,832, 5-15-56, Cl. 260-42.  
 Hale, Clifford E., to Detroit Harvester Co. Convertible top linkage and actuating mechanism. 2,729,502, 1-8-56, Cl. 296-117.  
 Hale, Douglas, and E. J. Carpenter, to Ralston Purina Co. Apparatus for manufacturing a cereal food product. 2,743,685, 5-1-56, Cl. 107-2.  
 Hale, Eric : *See*—  
 Eales, John G. R., and Hale. 2,744,325.  
 Hale Fire Pump Co. : *See*—  
 Wendell, Evert J., and Young. 2,758,547.  
 Hale, Frank B., to the United States of America as represented by the Secretary of the Army. Inertia and point detonation impact fuse. 2,748,705, 6-5-56, Cl. 102-73.  
 Hale, Frank J. Apparatus for permanently waving hair on the human head. 2,730,110, 1-10-56, Cl. 132-42.  
 Hale, Ralph E., to Joy Mfg. Co. Motor operated drill. 2,730,332, 1-10-56, Cl. 255-45.  
 Hale, Ralph F., to Joy Mfg. Co. Apparatus for drilling mine roof-bolt holes. 2,766,012, 10-9-56, Cl. 255-51.  
 Hale, Randall H. Cervical brace. 2,736,314, 2-28-56, Cl. 128-87.  
 Hale, Robert W., to International Telephone and Telegraph Corp. Communications system checking apparatus. 2,773,977, 12-11-56, Cl. 250-6.  
 Haley, Hugh D., to American Viscose Corp. Device for gripping annular articles. 2,763,507, 9-18-56, Cl. 294-83.  
 Haley, Jesse E. Tie holder. 2,763,927, 10-9-56, Cl. 212-113.  
 Haley, John T. Timing device for boiling eggs. 2,762,201, 9-11-56, Cl. 99-336.  
 Haley, Kenneth M., and H. V. Trask, to Oglebay, Norton and Co. Shaft seal for furnaces. 2,761,708, 9-4-56, Cl. 286-8.  
 Haley, William B., to Chicago Rawhide Mfg. Co. Oil seal. 2,760,802, 8-28-56, Cl. 288-3.  
 Halford, Edward J. Dental prophylactic and hygienic instrument. 2,772,478, 12-4-56, Cl. 32-50.  
 Halford, Frank B., A. V. Cleaver, and E. B. Dove, to The De Havilland Engine Co. Ltd. Propellant injector valve for rocket motor. 2,742,921, 4-24-56, Cl. 137-516.27.  
 Halford, Frank B., A. V. Cleaver, and E. B. Dove, to The De Havilland Engine Co. Ltd. Fuel feeding and ignition means for rocket motors with non-self-igniting propellants. 2,763,126, 9-18-56, Cl. 60-35.8.  
 Halgren, Peter N., to Fiberglass Products Inc. Multiple unit carton. 2,737,334, 3-6-56, Cl. 229-15.  
 Halizeer, Marcus. Accordion-folded face mask. 2,752,916, 7-3-56, Cl. 128-139.  
 Halik, Raymond R., to Socony Mobil Oil Co., Inc. Hydrocarbon recycle gas moisture control. 2,758,065, 8-7-56, Cl. 196-50.  
 Halik, Raymond R., to Socony Mobil Oil Co., Inc. Method of feeding gaseous hydrocarbons in a moving bed hydrocarbon conversion process. 2,773,016, 12-4-56, Cl. 196-52.  
 Halkyard, Harold, and W. J. Fisher, to British Celanese Ltd. Yarn winding. 2,764,368, 9-25-56, Cl. 242-159.  
 Hall, Bertie R. Telephone handset holder. 2,761,914, 9-4-56, Cl. 179-156.  
 Hall, C. P. Co. of Illinois, The : *See*—  
 Higuchi, Takeru. 2,743,818.  
 Higuchi, Takeru. 2,744,067.  
 Hall, Norman C. 2,768,001.  
 Hall, Cecil R. L., and I. O. Lewis, to Imperial Chemical Industries Ltd. Ventless delay electric initiators. 2,773,447, 12-11-56, Cl. 102-28.  
 Hall, Cecil F. Direct coupled power amplifiers. 2,761,019, 8-25-56, Cl. 179-171.  
 Hall, Charles. Oil separating, citrus juice receiving pan adapted for cooperation with a citrus juice extractor. 2,774,297, 12-18-56, Cl. 100-105.  
 Hall, Charles T., to Molins Machine Co. Ltd. Machines for corrugating paper and like materials. 2,742,079, 4-17-56.  
 Hall, Charles T., to Molins Machine Co. Ltd. Embossing gear for foil or other material. 2,763,893, 9-25-56, Cl. 18-10.  
 Hall China Co., The : *See*—  
 Guthrie, George B. 2,729,870.  
 Guthrie, George B. 2,730,329.  
 Hall, Claude C., to Smith, Kline & French Laboratories. Article counting and packaging apparatus. 2,762,180, 9-11-56, Cl. 53-202.  
 Hall, Clayton R. : *See*—  
 Boxell, Samuel E., Richter, and R. E. and C. R. Hall, and 2,730,815.  
 Hall, Cyril C., to Specialities Development Corp. Smoke detecting apparatus. 2,731,874, 1-24-56, Cl. 88-14.  
 Hall, Dick S., to Phillips Petroleum Co. Pebble heat exchanger. 2,772,122, 11-27-56, Cl. 302-53.  
 Hall, Don F. : *See*—  
 Schisloin, Douglas S., and Hall. 2,766,113.  
 Hall, Donivan L., to North Electric Co. Electromagnetic relay. 2,767,279, 10-16-56, Cl. 200-87.  
 Hall, Donivan L., and H. C. Stanley, to The North Electric Co. Relay structure. 2,767,280, 10-16-56, Cl. 200-87.  
 Hall, Douglas V., and G. O. Eech, to Rolle-Tyrol Ltd. Egg carton fusible coating. 2,756,493, 7-31-56, Cl. 29-424.  
 Hall, Dudley O. : *See*—  
 Wanner, William F., Williamson, and Hall. 2,735,199.  
 Hall, Frank J., to M. B. Skinner Co. Wall service fitting. 2,762,388, 9-11-56, Cl. 137-360.  
 Hall, Frank R., to Amalgamated Wireless (Australasia) Ltd. Automatic gain control arrangement for pulse signalling system. 2,737,582, 3-6-56, Cl. 250-20.  
 Hall, Frederick W. : *See*—  
 Watton, Leonard H. N., Brown, and Hall. 2,751,224.  
 Hall, George L. Wet abrasive dispenser. 2,742,738, 4-4-56, Cl. 61-8.  
 Hall, George V., to Monroe Calculating Machine Co. Sign detection for crawl carry registers. 2,756,927, 7-31-56, Cl. 235-61.  
 Hall, George V., and W. S. Oliwa, to Monroe Calculating Machine Co. Overdraft detection for crawl carry. 2,744,681, 5-8-56, Cl. 235-1.  
 Hall, George V., and W. S. Oliwa, to Monroe Calculating Machine Co. Sign detection means for "crawl" carry registers. 2,775,403, 12-25-56, Cl. 235-61.  
 Hall & Hall Ltd. : *See*—  
 Jarvis, John S. 2,755,118.  
 Hall, Harold F. Rotary moldboard plow. 2,754,744, 7-17-56, Cl. 97-212.  
 Hall, Harry G. : *See*—  
 Draemel, Frederick C., Galstaun, and Hall. 2,761,818.  
 Hall, Herbert L., to Research Corp. Automatic voltage control of electrostatic precipitator with saturable reactor. 2,742,104, 4-17-56, Cl. 183-7.  
 Hall, Herbert J., to Research Corp. Electrical precipitator control system. 2,752,000, 6-26-56, Cl. 183-7.  
 Hall, Horatio V. : *See*—  
 Stratton, Frank E., and Hall. 2,760,616.  
 Hall, Irvin B. Lure casting device. 2,749,646, 6-12-56, Cl. 43-42.  
 Hall, James A., to Reynolds Metals Co. Evaporator incorporating accumulator wells and feed grid. 2,730,872, 1-17-56, Cl. 62/126.





- Hallerberg, Theodore W., and J. L. Pauly; said Pauly assor. to said Hallerberg. Heat controller. 2,769,890, 11-6-56, Cl. 219-20.
- Hallett Mfg. Co.; See—  
Baltzer, Vernon W. 2,732,975.  
Baltzer, Vernon W. 2,758,585.
- Hallett, Thomas S. Drill head or bit. 2,742,439, 4-17-56, Cl. 255-812.
- Halleux, Hubert, to Societe Alsacienne de Constructions Mecaniques. Automatic electric stopping device for textile machines in case of breaking of a roving. 2,756,296, 7-24-56, Cl. 200-6118.
- Hallewell, Harold S. Mounting of diamond dressing tools. 2,764,144, 9-25-56, Cl. 125-11.
- Halliburton, Erie P., to D. L. Bischof. Respirator. 2,774,346, 12-18-56, Cl. 128-29.
- Halliburton Oil Well Cementing Co.; See—  
Anderson, Terry O., and Broadus. 2,774,577.  
Greer, Walton J. 2,735,944.  
Schwegman, Harry E. 2,740,479.
- Halliercrafters Co., The; See—  
Sieze, Roland W. 2,761,321.
- Halliday, Donald D., and E. P. Hot air baseboard diffuser. 2,771,833, 11-27-56, Cl. 98-40.
- Halliday, Edward P.; See—  
Halliday, Donald D., and E. P. 2,771,833.
- Halliday, William, and H. M. Jefferys, to Kelvin and Hughes Ltd. Apparatus for non-destructive testing of solid bodies by acoustic oscillations. 2,770,966, 11-20-56, Cl. 73-67.9.
- Halling, Caleb C. Automatic screw slotting attachment for turret lathes. 2,761,156, 9-4-56, Cl. 10-5.
- Halliwell, Ronald H., to E. I. du Pont de Nemours and Co. Process for purification of an adiponitrile. 2,768,132, 10-25-56, Cl. 202-57.
- Hallman, Little L., to The Terrell Machine Co. Automatic bobbin loader for automatic winding machines. 2,733,014, 1-31-56, Cl. 242-35.5.
- Hallman, Nils J., to Aktiebolaget Zander & Ingstrom. Method for drying granular material. 2,764,819, 10-2-56, Cl. 3-13.
- Hallmark Cards, Inc.; See—  
Lohnes, Howard E. 2,749,657.
- Halloek, Archie C.; See—  
Atlee, Zed J., and Halloek. 2,743,393.
- Halloek, Clair L., to The Glenn L. Martin Co. Deburring tool. 2,732,671, 1-31-56, Cl. 29-90.
- Halloek, Edward C. Tie rod system for molds for concrete columns, walls, and the like. 2,750,648, 6-19-56, Cl. 25-131.
- Halloek, John H.; See—  
Halloek, Ruth G., and J. H. 2,734,464.
- Halloek, Robert L., to Elastic Stop Nut Corp. of America. Self-locking nails having channel-shaped deformable shanks. 2,741,939, 4-17-56, Cl. 85-23.
- Halloek, Ruth G., and J. H. Method and means for rolling pipe. 2,734,464, 2-14-56, Cl. 107-50.
- Hallowell, Jay S.; See—  
Power, James A., and Hallowell. 2,748,930.
- Halls, Simon A. Hand truck. 2,765,090, 10-2-56, Cl. 214-350.
- Hallsted, Richard H.; See—  
Castle, Donald L. 2,741,859.
- Hallum, Andrew. Soil warning device. 2,729,915, 1-10-56, Cl. 47-19.
- Hallowood, Thomas H., to W. G. Thieman. Paper roll holding and dispensing appliance. 2,756,004, 7-24-56, Cl. 242-55.5.
- Haloit Co., The; See—  
Bixby, William E., and Ullrich. 2,753,278.  
Forman, Ivin R. 2,740,716.  
Insalaco, Michael A. 2,772,991.  
Landrigan, Richard B. 2,753,308.  
Luffman, Lionel E., and Benson. 2,738,705.  
Luffman, Lionel E., and Benson. 2,758,503.  
Mayo, Clyde R., Crumrine, and Rosenthal. 2,771,002.  
McMaster, Robert C., and Phillips. 2,774,887.  
Mengali, Otavio J. 2,745,327.  
Reinfrank, John J., and Chapman. 2,741,959.  
Rebel, Edward R., and Galbrecht. 2,752,443.  
Steinhilper, Frank A. 2,756,676.  
Turner, Milo I., Jr., and Mayo. 2,751,616.  
Vyverberg, Robert G. 2,759,450.  
Walkup, Lewis E. 2,774,921.  
Walkup, Lewis E., and Carleton. 2,752,271.  
Walkup, Lewis E., Copley, and Beckdahl. 2,750,922.
- Halper, Walter M.; See—  
Chirtel, Joseph S., and Halper. 2,754,337.
- Halperin, Edward F. Combination garment label. 2,752,703, 7-3-56, Cl. 40-2.
- Halpern, Alfred, and C. H. Bradney, to E. Fougere & Co., Inc. Cardiac glycosides for intramuscular injection. 2,744,851, 5-8-56, Cl. 167-58.
- Halpern, Gregory, and R. Gumbinner, to Polychrome Corp. Planographic printing plate. 2,766,688, 10-16-56, Cl. 149-2.
- Hagern, Joseph. Dispensing receptacle for facial tissues or the like. 2,748,823, 6-5-56, Cl. 150-52.
- Halpert, Emanuel. Filters. 2,755,936, 7-24-56, Cl. 210-150.
- Halpin, Ralph P.; See—  
Hummert, Robert H., and Halpin. 2,752,117.
- Halsey, Edward S., deceased; F. D. Halsey, administratrix. Hum line drum. 2,767,881, 8-7-56, Cl. 242-96.
- Halsey, Flora D.; See—  
Halsey, Edward S. 2,757,881.
- Halsey, Norman W. Washing machine for bakery pans. 2,740,416, 4-3-56, Cl. 134-99.
- Halstead, Paul R., to General Container Corp. Machine for forming wire reinforced tying devices. 2,732,001, 1-24-56, Cl. 154-1.6.
- Halsted, Richard J.; See—  
Drapeau, Joseph E., Jr., and Halsted. 2,758,021.
- Haltenberger, Jules. Internal combustion ram inlet manifold. 2,759,462, 8-21-56, Cl. 123-52.
- Halter, Allan C., to Allis-Chalmers Mfg. Co. Control system utilizing magnetic amplifier for reference voltage. 2,752,545, 6-26-56, Cl. 318-7.
- Halter, Allan C., to Allis-Chalmers Mfg. Co. Control system for stopping and starting motor. 2,752,547, 6-26-56, Cl. 318-143.
- Halter, Allan C., and D. E. King, to Allis-Chalmers Mfg. Co. Nonarmature switch circuit for electric motor. 2,735,397, 1-31-56, Cl. 318-266.
- Halter, Allan C., and D. E. King, to Allis-Chalmers Mfg. Co. Voltage limiter. 2,753,516, 7-3-56, Cl. 323-75.
- Haltmeier, Alfred, to Fabrenfabriken Bayer Aktiengesellschaft. Manufacture of sulfuric acid. 2,730,431, 1-10-56, Cl. 23-167.
- Haltof, Henry; See—  
Britton, Roscoe C., and Haltof. 2,748,919.
- Halvorsen, Roy A., and J. O. Parker, to Parker Halvorsen Co. Method for forming a protective glaze on a surface. 2,741,565, 10-10-56, Cl. 117-54.
- Halvorsen, Kenneth M.; See—  
Halvorsen, Merlin L. 2,771,052.
- Halvorsen, Merlin L., to K. M. Halvorsen. Boat bailer. 2,771,052, 11-20-56, Cl. 114-185.
- Halvorsen, Milton A., to Design-Rite Co. Retractable ball type trailer hitch. 2,737,399, 3-6-56, Cl. 280-491.
- Halvorsen, Milton A., to Design-Rite Co. Trailer hitch and mounting bracket means therefor. 2,753,193, 7-3-56, Cl. 280-501.
- Halvorsen, Milton A., to Design-Rite Co. Boat trailer and anchoring strap therefor. 2,770,470, 11-13-56, Cl. 280-179.
- Halvorsen, Alvin G. Rotary hydraulic ratio pump. 2,753,744, 7-24-56, Cl. 103-121.
- Halvorsen, Jack R.; See—  
Gilkey, Escho V. 2,729,250.
- Halvorsen, Carl T. Removable fog light. 2,744,998, 5-8-56, Cl. 240-1.1.
- Ham, George E.; See—  
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Craig, Alfred B., and Ham. 2,775,573.
- Ham, George E., to The Chemstrand Corp. Method of dyeing structures comprising acrylonitrile polymers. 2,740,687, 4-3-56, Cl. 260-38.
- Ham, George E., to The Chemstrand Corp. Fiber-forming solution of acrylonitrile polymer and reductively aminated polymer. 2,740,763, 4-3-56, Cl. 260-32.6.
- Ham, George E., to The Chemstrand Corp. Process of producing polymeric acrylonitrile materials. 2,740,773, 4-3-56, Cl. 260-38.
- Ham, George E., to The Chemstrand Corp. Solutions of acrylonitrile vinyl chloride copolymer mixed with polymers of multinuclear aromatic monomers. 2,749,321, 6-5-56, Cl. 260-32.6.
- Ham, George E., to The Chemstrand Corp. Solutions of acrylonitrile polymers in 1,5-dimethylpyrrolidone-2. 2,756,218, 7-24-56, Cl. 260-30.2.
- Ham, George E., to The Chemstrand Corp. Polymeric vinyl chloride fiber-forming compositions. 2,761,855, 9-4-56, Cl. 260-45.5.
- Ham, George E., to The Chemstrand Corp. Composition comprising n-nitrosopiperidine and a copolymer of acrylonitrile. 2,769,791, 11-6-56, Cl. 260-30.2.
- Ham, George E., to The Chemstrand Corp. Fiber-forming vinyl chloride copolymer blends with acrylonitrile polymers. 2,769,792, 11-6-56, Cl. 260-32.6.
- Ham, George E., to The Chemstrand Corp. Fiber-forming acrylonitrile polymer blends. 2,769,793, 11-6-56, Cl. 260-32.6.
- Ham, George E., to The Chemstrand Corp. Dyeable copolymers of acrylonitrile and aminoesters of itaconic acid. 2,769,800, 11-6-56, Cl. 260-78.5.
- Hamacheck, Frank, Machine Co.; See—  
Diftenbaugh, Parke H. 2,741,956.
- Hamacher, Edward A., to North American Philips Co. X-Ray intensity measuring system. 2,745,019, 5-8-56, Cl. 250-83.6.
- Hamal, Ferdinand H., to Vinco Corp. Coated parts handling buggy and method of coating same. 2,746,882, 5-22-56, Cl. 117-102.
- Hamal, Heinrich; See—  
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- Haman, Ralph W.; See—  
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- Hamann, Alfred W.; See—  
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- Hamback, Edward J.; See—  
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- Hamblet, Clement H., and D. B. Hanson, to E. I. du Pont de Nemours & Co. Separation and oxidation of cyclohexylnitrate and related compounds. 2,750,415, 6-12-56, Cl. 260-336.
- Hamborg, Peter M., to A. F. Wintercorn. Post puller attachment for tractors. 2,740,210, 4-3-56, Cl. 37-2.

- Hambrecht, Albert H., and R. E. Onstad, to Research Products Corp. Gas filter. 2,754,928, 7-17-56, Cl. 183-49.
- Hambrock, Kenneth O., and J. A. Robertson, to E. I. du Pont de Nemours & Co. Production of 1,5-pentanediol from furfural. 2,768,979, 10-30-56, Cl. 260-635.
- Hamburg, Hector F., to J. A. Kunkin. Differential pressure switch. 2,766,349, 10-9-56, Cl. 200-83.
- Hamel, Frederic L. Grease packer for antifriction bearings. 2,729,305, 1-3-56, Cl. 184-1.
- Hamel, Ivan: *See—*
- Kelso, James W., and Hamel. 2,742,306.
- Hamel, William E.: *See—*
- Stearman, Lloyd C., and Hamel. 2,738,639.
- Hamel, William E., and L. C. Stearman, to Stearman-Hamel, Inc. Cotton picker. 2,741,858, 4-17-56, Cl. 56-12.
- Hamer, Alfred. Journal box lubricating device. 2,742,331, 4-17-56, Cl. 308-83.
- Hamer, Joseph P.: *See—*
- Forster, Eric O., and Hamer. 2,734,030.
- Hamer, William A.: *See—*
- Frost, Loyd T., and Hamer. 2,733,069.
- Hamil, A. B.: *See—*
- Norman, Joe, Jr., and Hamil. 2,773,669.
- Hamil, William W. Differential speed responsive device. 2,761,669, 9-5-56, Cl. 264-9.
- Hamilton, Archibald M. Masts, towers or like structure. 2,738,039, 3-13-56, Cl. 189-26.
- Hamilton, Bertis F., deceased; W. S. Hamilton, executor, to Hamilton Mfg. Corp. Chair having revolvable vertically adjustable seat. 2,740,464, 8-3-56, Cl. 315-100.
- Hamilton, Bertis F., deceased; W. S. Hamilton, executor, to Hamilton Mfg. Corp. Leaf-holding means for drop-leaf tables. 2,740,680, 4-3-56, Cl. 311-65.
- Hamilton, Bertis F., deceased; W. S. Hamilton, executor. Spring-back chair-gang-changing device. 2,740,681, 4-3-56, Cl. 155-157.
- Hamilton, Billy H., to Bell Telephone Laboratories, Inc. Transistor and electromagnetic control apparatus. 2,759,142, 8-14-56, Cl. 323-66.
- Hamilton, Carl. Control screw arrangement for feeding hoppers. 2,743,550, 5-1-56, Cl. 222-238.
- Hamilton, Carl R. Hair curling assembly. 2,757,676, 8-7-56, Cl. 132-42.
- Hamilton, Clark H. Drill, tap and die index. 2,736,426, 2-28-56, Cl. 206-17.
- Hamilton, Douglas J., to Hughes Aircraft Co. Transistor pulse generator. 2,758,206, 8-7-56, Cl. 250-36.
- Hamilton, Earl F. Chair base. 2,732,157, 1-24-56, Cl. 248-194.
- Hamilton, Earl F. and W. S. Swivel tilting chair. 2,729,273, 1-3-56, Cl. 155-77.
- Hamilton, Edgar K.: *See—*
- Bayley, Abraham, and Hamilton. 2,729,647.
- Bayley, Abraham, and Hamilton. 2,758,998.
- Bayley, Abraham, Hamilton, and Kraus. 2,738,352.
- Hamilton, Edgar K. Polishing composition. 2,738,282, 3-13-56, Cl. 106-8.
- Hamilton, Herbert R. Adjustable grill for outdoor fireplaces. 2,751,899, 6-26-56, Cl. 126-25.
- Hamilton, Francis E., G. V. Hawkins, R. E. Lawhead, Jr., and E. S. Hughes, Jr., to International Business Machines Corp. Data storage apparatus. 2,770,797, 11-13-56, Cl. 240-174.
- Hamilton, Harry H., and A. R. Barr. Outlet box and means for mounting same. 2,759,621, 8-21-56, Cl. 220-3.6.
- Hamilton, James A.: *See—*
- Alpert, Marshall B., and Hamilton. 2,760,930.
- Hamilton, John N.: *See—*
- Franks, George W., and Hamilton. 2,754,428.
- Hamilton, Liday E., Sr. and G. D. Safety roof bracket. 2,729,517, 1-3-56, Cl. 304-20.
- Hamilton, Lyle A.: *See—*
- Garwood, Lyle A., and Hamilton. 2,731,458.
- Hamilton, Lyle A., and R. H. Williams, to Socony Mobil Oil Co., Inc. Preparation of amides. 2,745,853, 5-15-56, Cl. 260-404.
- Hamilton Mfg. Corp.: *See—*
- Brown, Clifford S., and O'Neil. 2,750,052.
- Hamilton, Bertis F. 2,740,464.
- Hamilton, Bertis F. 2,740,680.
- Hamilton, Matthew E., to J. I. Case Co. Side delivery rake. 2,729,931, 1-10-56, Cl. 56-377.
- Hamilton, Merrill V., and M. E. Hoop, to United States Steel Corp. Strip supporting device. 2,745,663, 5-15-56, Cl. 271-2.1.
- Hamilton, R. L.: *See—*
- Bishop, Jerry W. 2,740,153.
- Hamilton, Richard L.: *See—*
- Gould, Herbert R., and Hamilton. 2,731,607.
- Hamilton, Richard W., to American Cyanamid Co. Preparation of guanidino from cyanates of alkali metals and sulfamates. 2,739,974, 8-21-56, Cl. 260-564.
- Hamilton, Richard W., to American Cyanamid Co. Preparation of guanidine sulfate. 2,768,203, 10-23-56, Cl. 260-564.
- Hamilton, Richard W., and W. C. Mallison, to American Cyanamid Co. Melamine purification. 2,734,059, 2-7-56, Cl. 260-249.7.
- Hamilton, Robert C.: *See—*
- Brandes, Roy H., Hamilton, and Moore. 2,766,731.
- Hamilton, Robert M.: *See—*
- Opie, Joseph W., Nordgren, and Hamilton. 2,767,167.
- Hamilton, Russell I., to The Garlock Packing Co. Floating packing ring assemblies for sealing rotary shafts. 2,729,477, 1-3-56, Cl. 286-11.16.
- Hamilton Shoe Co.: *See—*
- Morphy, John W. 2,770,824.
- Hamilton-Thomas: *See—*
- May, Frederick T., and Hamilton. 2,763,963.
- Hamilton-Thomas Corp.: *See—*
- Wiegiers, Irvin E. 2,739,610.
- Wiegiers, Irvin E. 2,753,146.
- Wiegiers, Irvin E., and Davis. 2,744,748.
- Hamilton Tool Co., The: *See—*
- Dillenburger, Robert A. 2,736,380.
- Franzmann, William H. 2,761,631.
- Franzmann, William H. 2,766,984.
- Hautman, Harold W. 2,729,982.
- Hamilton, Wallace, to Consolidated Car-Heating Co., Inc. Electric motor control for door operation. 2,737,621, 3-6-56, Cl. 318-266.
- Hamilton Watch Co.: *See—*
- Derr, Kenneth W. 2,756,559.
- Detwiler, Harry S. 2,739,682.
- Farmer, James W., and Thomson. 2,742,860.
- Hamilton, William C.: *See—*
- Harold, Robert M., and Hamilton. 2,758,015.
- Bovard, Robert M., and Hamilton. 2,764,475.
- Hamilton, William S.: *See—*
- Hamilton, Bertis F. 2,740,464.
- Hamilton, Bertis F. 2,740,680.
- Hamilton, Bertis F. 2,770,292.
- Hamilton, Earl F., and W. S. 2,729,273.
- Hamilton, William S. H.: *See—*
- Dormitzer, Henry, and Hamilton. 2,775,668.
- Hamilton, William S. H. Starting and operating circuits for fluorescent lamps. 2,729,768, 1-3-56, Cl. 315-100.
- Hamilton, William S. H. Starting and operating circuits for fluorescent lamps. 2,729,769, 1-3-56, Cl. 315-100.
- Hamilton, William S. H. Starting and operating circuits for fluorescent lamps. 2,735,961, 2-21-56, Cl. 315-100.
- Hamilton, William S. H. Starting and operating circuits for fluorescent lamps. 2,743,585, 4-24-56, Cl. 315-100.
- Hamlet, Sidney J., to White Sewing Machine Corp. Bobbin winder for sewing machine. 2,733,868, 2-7-56, Cl. 242-22.
- Hamlet, Sidney J., to White Sewing Machine Corp. Thread tensioning device for sewing machines. 2,764,366, 9-25-56, Cl. 242-150.
- Hamley, Lester H. Open sided golf bag. 2,739,631, 3-27-56, Cl. 150-1.5.
- Hamlin, John S. Container. 2,737,312, 3-6-56, Cl. 220-38.5.
- Hamm, Clarence L., to General Electric Co. Self-cleaning dynamoelectric machine. 2,753,473, 7-3-56, Cl. 310-60.
- Hamm, Douglas W., to Muskegon Piston Ring Co. Spacer and expander ring. 2,743,973, 5-1-56, Cl. 309-45.
- Hamm, Douglas W., to Muskegon Piston Ring Co. Piston ring oil sealing structure. 2,769,675, 11-6-56, Cl. 309-44.
- Hamm, Douglas W., to Muskegon Piston Ring Co. Unit piston ring. 2,770,512, 1-13-56, Cl. 309-44.
- Hamman, Harold E.: *See—*
- Larson, Robert T. 2,731,178.
- Hammarquist, Gustaf. Container for motor vehicle registration. 2,759,623, 8-21-56, Cl. 220-1.
- Hammarström, Johan E., to Sandvikens Jernverks Aktiebolag. Bow saw with spring metal saw bow. 2,747,630, 5-29-56, Cl. 145-33.
- Hammel-Dahl Co.: *See—*
- Curran, John R. 2,732,172.
- Hammell, Kemper M.: *See—*
- Kinkaid, Robert J., and Hammell. 2,774,951.
- Hammer, Allan C. Fluid pumps. 2,753,109, 7-3-56, Cl. 230-235.
- Hammer, Charles M.: *See—*
- Hardy, Benjamin G., and Hammer. 2,763,967.
- Hammer, Henry F., to Chas. Pfizer & Co., Inc. Isonicotinylaminobiguamide. 2,753,354, 7-3-56, Cl. 260-295.
- Hammer, Irving F., and J. B. Rust, Jr. to Montclair Research Corp., and J. Ellis-Foster Co. Preparation of water soluble salt of n-dialkylaminoalkoxyethyl polyamide. 2,744,883, 5-8-56, Cl. 260-72.
- Hammer, Samuel, to United Metal Box Co., Inc. Recessed handle for drawers, doors, and the like. 2,771,627, 11-27-56, Cl. 16-124.
- Hammer, Steffen. Method and arrangement to carry out welding operations on plastic film webs. 2,738,828, 3-20-56, Cl. 154-42.
- Hammers, Raymond E., and E. F. Bowdish, to Bowdish and Associates, Inc. Lead-copper-silver alloys and process for producing same. 2,744,008, 5-1-56, Cl. 75-166.
- Hammerberg, Chester A., to Armour and Co. Meat-shaping method. 2,732,153, 1-31-56, Cl. 99-194.
- Hammerli, Harold E.: *See—*
- Kristoff, Andrew A., and Hammerli. 2,768,043.
- Hammerly, Herman J., to General Electric Co. Electric terminal connector. 2,732,535, 1-24-56, Cl. 339-272.
- Hammerly, Herman J., to General Electric Co. Fusible electric switch unit. 2,738,399, 3-13-56, Cl. 200-163.
- Hammerly, Herman J., R. T. Casey, and W. H. Yeamans, to General Electric Co. Panelboard construction. 2,738,445, 3-13-56, Cl. 317-119.
- Hammermills, Inc.: *See—*
- Oberhellmann, Theodore A. 2,734,686.
- Hammers, William J. Exhaust fume eliminator. 2,766,714, 10-16-56, Cl. 115-0.5.



- Hammerlag, Julius: *See*—  
Volf, Charles, and Hammerlag. 2,735,036.
- Hammerstrom, Henry H., and L. B. Woodruff. Alternating current dynamo-electric machine. 2,732,509, 1-24-56, Cl. 810-168.
- Hammal, Le Roy L., and V. C. Benoit. Roofing materials and roof construction. 2,734,466, 2-14-56, Cl. 108-12.
- Hammill, Edward B., to Western Electric Co., Inc. Broaching tool for forming tapered openings in tubes. 2,770,174, 11-13-56, Cl. 90-33.
- Hammitt, Andrew B., and H. L. Birum, Jr. Weather plate. 2,769,212, 11-6-56, Cl. 20-4.
- Hammitt, Homer H., and A. W. Sheldon; said Hammitt assor. to D. Boyd. Row crop mulcher. 2,758,529, 8-14-56, Cl. 97-35.
- Hammock Package Ltd.: *See*—  
Mastrorob, Robert S., to General Motors Corp. Automobile hood hinge. 2,740,155, 4-3-56, Cl. 16-163.
- Hammond, Arthur C. E., to Davey, Paxman & Co. Ltd. Internal combustion engines. 2,734,496, 2-14-56, Cl. 123-139.
- Hammond, Cecil F., and W. Shackleton, deceased (C. F. Hammond, administrator),  $\frac{1}{2}$  to Lining Components Ltd. Liquid container. 2,771,221, 11-20-56, Cl. 222-111.
- Hammond, Charles F., to Gemmer Mfg. Co. Manual and hydraulic power actuated steering gear. 2,754,924, 7-17-56, Cl. 280-79.
- Hammond, Charles F., to Gemmer Mfg. Co. Manual and power actuated steering mechanism for motor vehicles. 2,769,348, 11-6-56, Cl. 74-388.
- Hammond, Charles T., to Redwing Ltd. Spring actuated latch device for doors and like closures. 2,752,184, 6-26-56, Cl. 122-71.
- Hammond, Edmund B., Jr., to Sperry Rand Corp. Compensated gyroscopic horizon. 2,734,278, 2-14-56, Cl. 33-204.
- Hammond, Edmund B., Jr., to Sperry Rand Corp. Three axis tracking system. 2,740,962, 4-3-56, Cl. 343-74.
- Hammond, Edmund B., Jr., to Sperry Rand Corp. Gyro roll compensating system. 2,756,598, 7-31-56, Cl. 74-544.
- Hammond, George, Jr., to Armstrong Cork Co. Apparatus for producing crown closure. 2,750,910, 6-19-56, Cl. 113-42.
- Hammond, Gordon. Structural material. 2,772,757, 12-4-56, Cl. 123-34.
- Hammond Iron Works: *See*—  
Fino, Alexander F., 2,735,573.
- Hammond, John H., Jr.: *See*—  
Purlington, Ellison S., 2,762,018.
- Hammond, John H., Jr. Cooking stove with renewable cooking surface. Re. 2,4188, 7-31-56, Cl. 126-214.
- Hammond, John H., Jr. Moving ball on magnetic track. 2,746,206, 5-22-56, Cl. 46-43.
- Hammond, John H., Jr. Smoke dissipating ash tray. 2,747,101, 5-22-56, Cl. 250-48.
- Hammond, John H., Jr. Pipe organ system. 2,761,343, 9-4-56, Cl. 84-104.
- Hammond, Kathleen M.: *See*—  
Lincoln, James, Hammond, and Groombridge. 2,739,958.
- Hammond, Philip D., to Merck & Co., Inc. Racemization of  $\alpha$ -hydroxy- $\beta$ , $\beta$ -dimethyl-gamma-butyrolactone. 2,739,157, 8-20-56, Cl. 260-343.6.
- Hammond, Titus, and C. Principale, to Alarm Products, Inc. Burglar alarm systems. 2,760,084, 8-21-56, Cl. 307-66.
- Hammond, William E., to The Air Preheater Corp. Supporting rotor independently of housing in air preheaters. 2,732,183, 1-24-56, Cl. 257-6.
- Hammond, William E., and J. A. Lidford, to The Air Preheater Corp. Circumferential sealing leaves. 2,740,614, 4-3-56, Cl. 257-6.
- Hammond, William H. Barn cleaner. 2,752,029, 6-26-56, Cl. 198-79.
- Hamner, Glen P.: *See*—  
Jones, Thomas G., Hamner, and Fuqua. 2,757,206.
- Hamner, Glen P., to Esso Research and Engineering Co. Recovery of cyclo and methylcyclopentadiene by liquid vapor phase cracking. 2,733,280, 1-31-56, Cl. 260-666.
- Hamner, Glen P., to Esso Research and Engineering Co. Process for recovery of aromatics separated from cyclic dienes. 2,733,283, 1-31-56, Cl. 260-674.
- Hamner, Glen P., to Esso Research and Engineering Co. Process for recovery of aromatic hydrocarbons by dimerizing cyclic diolefins, distilling to obtain a C<sub>8</sub>-cut, phosphoric acid polymerizing the olefins, and distilling to obtain an aromatic rich fraction. 2,733,284, 1-31-56, Cl. 260-674.
- Hamner, Glen P., to Esso Research and Engineering Co. Recovery of hydrocarbons from highly cracked petroleum fractions by dimerizing the cyclic diolefins distilling to obtain a C<sub>8</sub>-C<sub>10</sub> cut, clay polymerizing the olefins and distilling to obtain a benzene rich fraction. 2,733,285, 1-31-56, Cl. 260-674.
- Hamner, Glen P., to Esso Research and Engineering Co. Petroleum resins from heavy fractions. 2,753,326, 7-3-56, Cl. 260-82.
- Hamner, Glen P., to Esso Research and Engineering Co. Polymers from piperylene concentrates. 2,753,382, 7-3-56, Cl. 260-666.
- Hamner, Glen P., to Esso Research and Engineering Co. Process for improving engine cleanliness characteristics of cracked gasolines by treating with phosphorus pentoxide. 2,753,181, 7-24-56, Cl. 196-23.
- Hamner, Glen P., to Esso Research and Engineering Co. Process for recovery of acyclic diene dimers. 2,773,106, 12-4-56, Cl. 260-666.
- Hamner, Glen P., and T. G. Jones, to Esso Research and Engineering Co. Resins from steamcracked C<sub>8</sub> distillate fractions. 2,750,359, 6-12-56, Cl. 260-82.
- Hamner, Glen P., and T. G. Jones, to Esso Research and Engineering Co. Petroleum resins of improved color from 180-35° C. stream. 2,753,575, 12-25-56, Cl. 260-82.
- Hamner, Glen P., T. G. Jones, J. A. McDaniel, Jr., and M. C. Fuqua, to Esso Research and Engineering Co. Polymers from steam cracked distillate streams of 180-54° C. boiling range. 2,753,576, 12-25-56, Cl. 260-82.
- Hamner, Lewis T., to Vacuum Motor Corp. Fluid pressure motor. 2,739,573, 3-27-56, Cl. 121-157.
- Hamontre, Hugh C., F. G. Mueller, and F. E. Armstrong. Instrument to measure the diameter of subsurface well bores. 2,771,686, 11-27-56, Cl. 33-178.
- Hampton Brass and Aluminum Co.: *See*—  
Mastrforte, Otil F., 2,758,155.
- Svezet, Edward B., Sr. 2,744,547.
- Hampel, Clifford A.: *See*—  
Williamson, Hilding V., and Hampel. 2,768,877.
- Hampel, Kenneth, to Jervis Corp. Process of sealing anodized aluminum and aluminum base alloys. 2,767,134, 10-16-56, Cl. 204-35.
- Hampf, Edwin F., to Aktiebolaget Harbor. Flexible pocket conveying means. 2,758,703, 8-14-56, Cl. 198-153.
- Hampson, John C., to Rockwell Spring and Axle Co. Attachment for wire coiling machine. 2,746,512, 5-22-56, Cl. 33-38.
- Hampson, John C., to Rockwell Spring and Axle Co. Wire forming attachment for cut-off. 2,752,956, 7-3-56, Cl. 140-71.
- Hampton, Leon N.: *See*—  
Havyn, Clayton B., and Hampton, and Thiel. 2,774,821.
- Hampton, Lucian W., and Hampton, and Thiel. 2,774,821. motorcycles, and the like. 2,764,529, 9-25-56, Cl. 224-41.
- Hampton, Robert W.: *See*—  
Avery, Harold T., and Hampton. 2,771,505.
- Hampton, Robert W., to Marchant Calculators, Inc. Counting device. 2,741,560, 11-20-56, Cl. 250-27.
- Hampton, Robert W., to Marchant Calculators, Inc. Counting circuits. 2,771,551, 11-20-56, Cl. 250-27.
- Hampton, Robert W., to Marchant Calculators, Inc. Diode capacitor regenerator. 2,771,575, 11-20-56, Cl. 320-1.
- Hampton, Ronald, to Patents and Investments Ltd. Apparatus for use in picking bars, tubes, and the like. 2,751,916, 6-26-56, Cl. 134-160.
- Hampton, William J.: *See*—  
Hueber, Carl J., and Hampton. 2,739,533.
- Hamran, Olav. Tractor mounted blasting punch. 2,730,972, 1-17-56, Cl. 111-29.
- Hanaway, Paul A.: *See*—  
Woodell, Victor A., and Hanaway. 2,752,039.
- Hanby, Oscar H., Can opener. 2,755,547, 7-24-56, Cl. 30-4.
- Hancock, Albert S., Jr. Manual reset mechanical time actuator. 2,761,501, 9-4-56, Cl. 161-7.
- Hancock Brick and Tile Co.: *See*—  
Schmuuk, Fred D., 2,770,861.
- Hancock, Harold E., S. Goldblatt, and J. M. Mason; said Hancock and said Mason assors. to said Goldblatt. Device for determining vibration sensitivity. 2,742,035, 4-17-56, Cl. 311-2.
- Hancock, Helen C. Disappearing support. 2,735,737, 2-21-56, Cl. 311-2.
- Hancock, Henry E.: *See*—  
Robinson, Cecil, and Hancock. 2,739,072.
- Hancock, James L.: *See*—  
Giegley, Alexander M., and Hancock. 2,766,408.
- Hancock Mfg. Co.: *See*—  
Marple, Rollo. 2,729,492.
- Marple, Rollo. 2,736,188.
- Marple, Rolo. 2,762,643.
- Hancock, Noel W.: *See*—  
McCoy, David O., and Hancock. 2,760,189.
- Hancock, Noel W., to Collins Radio Co. R. F. pulsed amplifier. 2,755,379, 7-17-56, Cl. 250-27.
- Hancock, Ralph H.: *See*—  
Emblem, Harold G., Cloherty, and Hancock. 2,752,653.
- Hancock, Robert D.: *See*—  
Hagen, Glenn E., Williams, and Hancock. 2,729,762.
- Hancock, Robert D., to Northrop Aircraft, Inc. Pulse generator. 2,732,497, 1-24-56, Cl. 250-36.
- Hancock, Robert D., to Northrop Aircraft, Inc. Read-out tube. 2,735,038, 2-14-56, Cl. 313-334.
- Hancock, Robert D., to Northrop Aircraft, Inc. Multi-contact switch. 2,740,851, 4-3-56, Cl. 200-6.
- Hancox, Burton W. Low pressure sealing valves. 2,736,333, 2-28-56, Cl. 137-232.
- Hand, George J., Sr., to Decelo-Chute Corp. Aerodynamic airfoil brake. 2,729,409, 1-3-56, Cl. 24-113.
- Hand, Leslie T., to Morsegraph Inc. Web folding machine and method. 2,765,164, 10-2-56, Cl. 270-73.
- Hand, Peter, Brewery Co.: *See*—  
Wakely, Richard D., 2,758,923.
- Wakely, Richard D. 2,758,924.
- Hand, William L. Automatic air regulating control device. 2,745,602, 5-15-56, Cl. 236-13.
- Handa, Itsuo. Measuring meter for a tape recorder. 2,757,456, 8-7-56, Cl. 33-129.
- Handel, Neil E.: *See*—  
Jones, Floyd B., Schuck, and Handel. 2,751,689.
- Handel, Neil E., to The Foxboro Co. Electronic time constant system. 2,743,358, 4-24-56, Cl. 250-27.
- Handelmaatschappij "Avedko" C. V.: *See*—  
Kooiman, Pieter L., and de Graaff. 2,766,620.

- Handfield, Leopold. Ejector. 2,750,708, 6-19-56, Cl. 43—147.  
 Handler, Elliot, S., Adler, and L. T. Stormon. Acrobatic figure toy. 2,740,232, 4-3-56, Cl. 46—118.  
 Handley Brown Heater Co.: *See—*  
 Handley, Harold E., 2,756,776.  
 Handley, Harold E., to Handley Brown Heater Co. Safety shut-off cock for burners with pilot lighter. 2,756,776, 7-31-56, Cl. 137—637.1.  
 Handley, John,  $\frac{1}{2}$  to J. N. Browne. Pit prop. 2,771,264, 11-20-56, Cl. 248—356.  
 Handley Page Ltd.: *See—*  
 Lachmann, Gustav V., 2,742,247.  
 Handling Equipment & Mfg. Co.: *See—*  
 Bowen, Max E., Hanish, and Carlson. 2,772,344.  
 Hands, Filzroy J., to Ricardo & Co., Engineers (1927) Ltd. Air cooled cylinder heads for internal combustion engines. 2,753,853, 7-10-56, Cl. 123—41.67.  
 Hands, Sidney, to Imperial Chemical Industries Ltd. Surface treatment of titanium or titanium base alloys. 2,734,537, 2-14-56, Cl. 134—27.  
 Handschin, Max G., to Promundo. Method and apparatus for the arbitrary repetition of parts of automatic telephograph messages which were not understood. 2,766,323, 10-9-56, Cl. 179—6.  
 Handschin, Max G., to Promundo. Method and device for distant control of a telephograph by code signals over a telephone line. 2,773,123, 12-1-56, Cl. 179—6.  
 Handschin, Max G., to Promundo. Method and device for controlling a telephograph. 2,773,124, 12-1-56, Cl. 179—6.  
 Handschin, Max G., and W. Spieser, to Promundo. Device for the erasure of recordings on magnetic sound carriers in the form of discs or endless tapes. 2,766,328, 10-9-56, Cl. 179—100.2.  
 Handwerk, David P. Condensation trap. 2,737,364, 3-0-56, Cl. 251—157.  
 Handy & Harman: *See—*  
 Cox, Charles D., 2,739,375.  
 Haneberg, Raymond A.: *See—*  
 Hobing, John W., 2,735,284.  
 Haneberg, Richard H.: *See—*  
 Hobing, John W., 2,735,284.  
 Haney, Daniel R., Jr. Syringe scabbard. 2,753,094, 7-3-56, Cl. 224—5.  
 Haney, Donald W.: *See—*  
 Daly, George F., Haney, and Phillips. 2,753,793.  
 Hanft, Charles: *See—*  
 Bockelmann, John B., and Hanft. 2,736,190.  
 Bockelmann, John B., and Hanft. 2,736,191.  
 Hanhart, Walter, to Ciba Ltd. Metalliferous trisazo-dyestuffs. 2,769,805, 11-6-56, Cl. 260—145.  
 Hanington, Charles A. Heat indicator for pot handles. 2,750,916, 6-19-56, Cl. 116—102.  
 Hanjak, Dean K., and R. E. Clague, to General Motors Corp. Sand cores having high-temperature strength and method of producing same. 2,732,600, 1-31-56, Cl. 22—165.  
 Hanjak, Dean K., and R. E. Clague, to General Motors Corp. Investment mold and core assembly. 2,756,475, 7-31-56, Cl. 22—196.  
 Hanjak, Dean K., and R. F. Thomson, to General Motors Corp. Process for brazing. 2,757,269, 7-31-56, Cl. 219—12.  
 Hanish, Joseph A.: *See—*  
 Bowen, Max E., Hanish, and Carlson. 2,772,344.  
 Hanke, William. Method of and means for producing heads on metal wire or rod. 2,768,540, 10-30-56, Cl. 78—62.  
 Hanken, George H.: *See—*  
 Junglohmann, Vernon H., Hanken, and Robinson. 2,750,810.  
 Hankey, Ernest H., to Monsanto Chemical Co. Pressure head for extruders. 2,770,836, 11-20-56, Cl. 18—12.  
 Hankin, Donald C., to RTC Shipbuilding Corp. Propulsion control system. 2,772,759, 12-1-56, Cl. 192—098.  
 Hankin, Ralph L., to The Erie Machine Co. Electrode and roll assembly for tube mills. 2,762,902, 9-11-56, Cl. 219—59.  
 Hankinson Corp.: *See—*  
 Hankinson, Paul M., 2,755,245.  
 Hankison, Paul M., to Hankinson Corp. Measured flow control of liquid. 2,755,245, 7-17-56, Cl. 210—17.  
 Hankovich, Bernice B., administratrix: *See—*  
 Brant, Gilbert W., 2,744,080.  
 Hanks, Donald E. Release mechanism. 2,747,412, 5-29-56, Cl. 74—2.  
 Hanks, Emily G. Head form for artists' and sculptors' use. 2,743,535, 5-1-56, Cl. 35—26.  
 Hanks, Harold M. Fluid evacuating apparatus. 2,740,420, 4-3-56, Cl. 37—20.  
 Hanks, Hugh C., Jr.: *See—*  
 Schutz, Harold, Thomas, and Hanks. 2,735,981.  
 Hanley, Frank H.: *See—*  
 Foley, Daniel E., and Hanley. 2,761,896.  
 Hanley, Frank H., to American Telephone and Telegraph Co. Selective call circuit for signaling systems. 2,734,935, 2-14-56, Cl. 178—2.  
 Hanley, Harvey H., to Rembeu chamber and method of mixing and burning fuel. 2,736,168, 2-28-56, Cl. 60—39.63.  
 Hanley, Stanley M.: *See—*  
 Bixby, William H., 2,733,402.  
 Bixby, William H., 2,752,551.  
 Bixby, William H., 2,774,930.  
 Hanlon, Patricia L. Liquid soap dispenser. 2,765,964, 10-9-56, Cl. 222—340.  
 Hanly, Fred J.: *See—*  
 Foehr, Edward G., and Hanly. 2,753,307.  
 Hanly, Fred J., to California Research Corp. Filters coated with thickened oils. 2,751,039, 6-19-56, Cl. 183—44.  
 Hanly, Fred J., to California Research Corp. Filters coated with polyamide-thickened oils. 2,751,040, 6-19-56, Cl. 183—44.  
 Hanly, Fred J.: *See—*  
 Myklebust, James A., and Hanly. 2,748,859.  
 Hann, Melvin M.: *See—*  
 Cardillo, Joseph S., and Hann. 2,769,393.  
 Cardillo, Joseph S., Hann, Sadler, and Lundgard. 43—31.  
 Hann, Victor A., to The Welshberg Corp. Suppression of spontaneous ignition. 2,761,872, 9-4-56, Cl. 260—514.  
 Hanna, Aubrey L.: *See—*  
 Weimer, Paul E., and Hanna. 2,729,685.  
 Weimer, Paul E., and Hanna. 2,767,226.  
 Hanna, Clinton R., G. R. Douglas, and K. A. Oplinger, to Westinghouse Electric Corp. Pressure sensitive systems and apparatus. 2,763,450, 9-18-56, Cl. 244—77.  
 Hanna Coal & Ore Corp.: *See—*  
 Vidmar, John P., 2,744,514.  
 Hannable, Daniel W., and E. W. Stacey, deceased (by H. M. Stacey, executrix), to United Shoe Machinery Corp. Machines for preparing soils for attachment. 2,730,735, 1-15-56, Cl. 35.1.  
 Hannafin, Jerome J. Quick-convertible camera back. 2,747,477, 5-29-56, Cl. 95—36.  
 Hannafin, Joe C., to The Fluor Corp., Ltd. Operating a re-boiler system for fractionating absorber-stills which comprises separately introducing vapors and liquid from the re-boiler into the still and mixing absorbed vapor vaporized from the still bottoms with the liquid before its introduction into the still. 2,729,588, 1-3-56, Cl. 196—8.  
 Hannah, Ottis B. Live bait bucket. 2,734,305, 2-14-56, Cl. 43—31.  
 Hannay, Clifford B., & Son, Inc.: *See—*  
 Hannay, George A., 2,738,143.  
 Hannay, George A., to Clifford B. Hannay & Son, Inc. Hose reel. 2,738,143, 2-13-56, Cl. 242—157.  
 Hannay, Norman B., to Bell Telephone Laboratories, Inc. Method of forming junctions in silicon. 2,743,200, 4-24-56, Cl. 148—1.5.  
 Hannay, Robert S. E., and W. Kilby, to Standfast Dyers & Printers Ltd. Method of and apparatus for continuously maintaining uniform the composition of a composite liquid. 2,742,914, 4-24-56, Cl. 137—1.  
 Hannay, Robert S. E., and W. Kilby, to Standfast Dyers and Printers Ltd. Dyeing of textile materials using molten metal. 2,772,136, 11-27-56, Cl. 8—1.  
 Hannes, Paul, to Koppers Co., Inc. Roll crusher with means to axially adjust the position of at least one roll. 2,736,504, 2-28-56, Cl. 241—231.  
 Hanney, Angus F., to The American Laundry Machinery Co. method of and apparatus for. 2,737,038, 3-6-56, Cl. 68—12.  
 Hannifin Corp.: *See—*  
 Hicks, Frederick W., Jr. 2,754,840.  
 Hannon, Cyril H.: *See—*  
 Briggs, James L., Jr., and Hannon. 2,744,822.  
 Hannon, Michael J.: *See—*  
 Svoboda, Martin C., 2,730,183.  
 Hannon, William F., to The Fafnir Bearing Co. Chucking means. 2,757,493, 8-7-56, Cl. 51—237.  
 Hannon, Leonard: *See—*  
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 Hannunkari, Lasze J., and G. Kulvik. Washer for fibrous materials. 2,765,645, 10-9-56, Cl. 68—181.  
 Hanovia Chemical and Mfg. Co.: *See—*  
 Anderson, William T., Jr. 2,763,806.  
 Druff, Harold E., 2,732,502.  
 Kneff, Hermann E., Harris, and Koerbis. 2,763,803.  
 Hanscom, H. F. & Co., Inc.: *See—*  
 Hanscom, H. F., and Harris. 2,770,183.  
 Hanscom, Harris F., to H. F. Hanscom & Co., Inc. Tying machine. 2,770,183, 11-13-56, Cl. 200—10.  
 Hanse, Albert B., to Pettibone Mulliken Corp. Hammer rotor for hammermills. 2,747,808, 6-29-56, Cl. 241—191.  
 Hanse, Albert B., and F. W. Rollins, to Pettibone Mulliken Corp. Plural stage impact breaker with impacting rotors and adjacent deflector screen grates. 2,767,928, 10-23-56, Cl. 241—86.  
 Hansel, Paul G., to Servo Corp. of America. Controlled oscillator. 2,749,442, 6-5-56, Cl. 250—36.  
 Hansel, Paul G., to Servo Corp. of America. Direct-reading frequency meter. 2,749,515, 6-5-56, Cl. 324—79.  
 Hansel, Paul G., to the United States of America as represented by the Secretary of the Army. Frequency determining apparatus. 2,769,091, 10-30-56, Cl. 250—36.  
 Hansel, Paul G., to the United States of America as represented by the Secretary of the Army. Frequency coincidence indicator. 2,774,037, 12-11-56, Cl. 324—79.  
 Hansel, Sydney. Cal-type bark-removal devices. 2,760,534, 8-28-56, Cl. 144—208.  
 Hansell, Clarence W., to Radio Corp. of America. Electromagnetic amplitude limiters. 2,742,567, 4-17-56, Cl. 250—27.  
 Hansell, Clarence W., to Radio Corp. of America. Frequency shift signalling. 2,743,354, 4-24-56, Cl. 250—8.  
 Hansell, Clarence W., and W. D. Houghton, to Radio Corp. of America. Directional reducing in time division multiplex systems. 2,763,721, 9-18-56, Cl. 179—15.  
 Hansell, Erik B.: *See—*  
 Devol, George C., and Hansell. 2,741,757.



- Hansell, Erik B., deceased, by M. B. Hansell, administratrix. Ultrasonic generator and crystal holder. 2,761,076, 8-28-56, Cl. 310-9-1.
- Hansell, Fred E., and J. Edens, to Brammer Mfg. Co. Pan rack assembly. 2,758,904, 8-14-56, Cl. 312-348.
- Hansell, Marjorie B.: *See*—
- Hansell, Erik B. 2,761,076.
- Hansella Werk Albert Hankel A. G.: *See*—
- Thürding, Hermann. 2,737,909.
- Hansmann, Norman K. Method of packaging compressible articles. 2,764,859, 10-2-56, Cl. 53-22.
- Hansen, Aage C. C., to Elastic Stop Nut Corp. of America. Holders for rotary tools. 2,736,561, 2-28-56, Cl. 279-75.
- Hansen, Alfred J., now by change of name J. A. Hansen, to Alis-Chalmers Mfg. Co. Thread arrangement for engaged male and female members having different coefficients of thermal expansion. 2,770,997, 11-20-56, Cl. 85-1.
- Hansen, Arnold A. Wall supported shoe holder and stretcher. 2,735,121, 2-21-56, Cl. 12-128-6.
- Hansen, Charles P.: *See*—
- Fricke, Guy C., and Hansen. 2,749,265.
- Hansen, Charles W., to J. I. Case Co. Deflector for delivery pipe. 2,742,329, 4-17-56, Cl. 302-61.
- Hansen, Clarence E., to Birtman Electric Co. Vacuum cleaner air valve. 2,754,048, 7-10-56, Cl. 230-47.
- Hansen, Clarence E., to Birtman Electric Co. Air flow apparatus. 2,750,959, 8-21-56, Cl. 230-47.
- Hansen, Dennis G.: *See*—
- Tapp, Raymond P. J., Avenell, and Hansen. 2,758,730.
- Hansen, Edward H., and H. L. Stettler, Jr., to Elkhart Brass Mfg. Co., Inc. Spray nozzle for fire hose and the like. 2,763,644, 9-18-56, Cl. 299-131.
- Hansen, Ejvind M.: *See*—
- Hansen, Jens M., S. F. M., and E. M. 2,742,000.
- Hansen, Elmer F., to General Electric Co. Vapor generator cartridge chamber and cartridge for dynamoelectric machine collectors. 2,744,206, 5-1-56, Cl. 310-228.
- Hansen, Elmer K. Wagon unloader. 2,772,796, 12-4-56, Cl. 214-83.14.
- Hansen, Elmer K. Detachable end gate apparatus. 2,772,914, 12-4-56, Cl. 296-53.
- Hansen, Francis F. Bread dough loaf curling. 2,730,051, 2-7-56, Cl. 107-54.
- Hansen, Francis F. Sheeted dough turner. 2,732,927, 1-31-56, Cl. 198-33.
- Hansen, Francis F. Cross or diagonal sheeting of dough. 2,735,382, 2-21-56, Cl. 107-54.
- Hansen, Francis F. Bread moulding. 2,746,403, 5-22-56, Cl. 99-308.
- Hansen, Francis F. Baking grease. 2,758,928, 8-14-56, Cl. 99-118.
- Hansen, Fred C., Sr. Golfing aids. 2,771,678, 11-27-56, Cl. 33-46.
- Hansen, Fred E., to The Hansen Mfg. Co. Valved coupling. 2,761,469, 9-4-56, Cl. 137-614.
- Hansen, Frithjof N. C., to Sylvania Electric Products Inc. Induction lamp. 2,774,905, 12-18-56, Cl. 313-161.
- Hansen, Fritz B.: *See*—
- Moore, James F., and Hansen. 2,733,067.
- Hansen, George E.: *See*—
- Carr, Edward W., Daehler, Adelman, and Hansen. 2,753,889.
- Hansen, George E., to Crane Co. Ballococks. 2,730,121, Cl. 137-457.
- Hansen, George E., to Crane Co. Tank filling valve. 2,730,127, 4-10-56, Cl. 137-591.
- Hansen, George E., F. D. Catterman, and E. P. De Craene, to Crane Co. Valve. 2,750,960, 6-19-56, Cl. 137-609.
- Hansen, Gerald D., Jr., to Calgon, Inc. Calcium carbonate dispersions and method of making same. 2,750,299, 6-12-56, Cl. 106-308.
- Hansen, Gilbert H., N. H. Koertge, and P. F. White, to Furnas Electric Co. Duplex switch actuator. 2,747,035, 5-22-56, Cl. 200-17.
- Hansen, Hans H.: *See*—
- Pearson, Roy W., and Hansen. 2,768,282.
- Siedoff, Melvin M., and Hansen. 2,730,995.
- Hansen, Hans H., and M. M. Seeloff, to The Taylor-Winfield Corp. Fluid pressure actuator for machine components. 2,751,534, 1-17-56, Cl. 219-4.
- Hansen, Hans R. A., and E. G. Conger, to The Louis Allis Co. Current and torque limit circuit for electric motor. 2,754,463, 7-10-56, Cl. 318-308.
- Hansen, Harding B., S. S. Stenersen, W. C. Sealey, and K. P. Wiederkehr, to Allis-Chalmers Mfg. Co. Coil clamping device for a transformer. 2,774,047, 12-11-56, Cl. 356-197.
- Hansen, Harold S. Logarithmic computer. 2,767,915, 10-23-56, Cl. 235-61.
- Hansen, Harry. Apparatus for attaching stop elements to the strings of sliding fasteners. 2,766,452, 10-16-56, Cl. 1-187.
- Hansen, Harry J., and A. P. Wiedemann, to United States Steel Corp. Method and apparatus for making grommets. 2,753,678, 7-10-56, Cl. 57-21.
- Hansen, Howard J., to The Hansen Mfg. Co. Processing connector. 2,739,612, 3-27-56, Cl. 137-614.
- Hansen, J. Richard, and G. Sprengling, to the United States of America, represented by the Secretary of the Navy. Ultrasonic coupling means for piezoelectric crystals. 2,731,573, 1-17-56, Cl. 310-8.3.
- Hansen, Jens M., S. F. M., and E. M., to A/S Toms Laboratorium. Machines for the extrusion of chocolate paste or a similar plastic mass. 2,742,000, 4-17-56, Cl. 107-27.
- Hansen, John A.: *See*—
- Hansen, Alfred J. 2,770,997.
- Hansen, John E.: *See*—
- Edwards, Edward M., Woodward, and Hansen. 2,732,361.
- Hansen, John E., and T. J. Dietz, to the United States of America as represented by the Secretary of Agriculture. Vulcanization of acrylic acid copolymers. 2,772,251, 11-27-56, Cl. 260-79.5.
- Hansen, Kai H., to General Motors Corp. Independent vehicle wheel suspensions. Re. 24,248, 12-4-56, Cl. 267-8.
- Hansen, Kai H., to General Motors Corp. Independent vehicle wheel suspensions. 2,731,257, 1-17-56, Cl. 267-8.
- Hansen, Klaus L., to Harnischfeger Corp. Induced current rotary apparatus. 2,762,940, 9-11-56, Cl. 310-105.
- Hansen, Klaus L. Synchronous rectifier and inverter. 2,764,727, 9-25-56, Cl. 321-50.
- Hansen, Louis I., to Archer-Daniels-Midland Co. Lacquer plasticizer. 2,754,306, 7-10-56, Cl. 260-404.8.
- Hansen Mfg. Co., The: *See*—
- Hansen, Fred E. 2,761,469.
- Hansen, Howard J. 2,739,612.
- Hansen, Oscar A., and A. Mohr, to Andersen & Bruuns Fabrikker A/S. Apparatus for singly separating conical cups from a nested stack. 2,738,899, 3-20-56, Cl. 221-251.
- Hansen, Ralph H., H. O. Powers, and G. A. Thwaites, to Libbey-Owens-Ford Glass Co. Pallet case. 2,738,058, 3-13-56, Cl. 206-62.
- Hansen, Richard M. Paper bottle spout. 2,757,830, 8-7-56, Cl. 222-528.
- Hansen, Roy C.: *See*—
- Hansen, Wilbur O., to General Electric Co. Electrostatic storage devices. 2,767,345, 10-16-56, Cl. 315-12.
- Hansen, Siegfried, to Hughes Aircraft Co. X-ray image intensifier system. 2,775,719, 12-25-56, Cl. 315-11.
- Hansen, William M.: *See*—
- Hansen, Jens M., S. F. M., and E. M. 2,742,000.
- Hansen, Warren, to Gellman Mfg. Co. Holding means for bobbin winders of sewing machines. 2,737,915, 3-13-56, Cl. 112-218.
- Hansen, Wilbur O., to General Electric Co. Vacuum tube balancing network. 2,768,347, 10-23-56, Cl. 324-41.
- Hansen, William W.: *See*—
- Varian, Russel H., and Hansen. 2,737,356.
- Hansen, William W., deceased, by O. D. Ross, executrix, and R. H. Varian, to The Board of Trustees of the Leland Stanford Junior University. Tuning means for cavity resonator device. 2,757,312, 7-31-56, Cl. 315-6.
- Hanser, Charles A.: *See*—
- Kuhn, Robert A., and Hanser. 2,768,275.
- Hansley, Virgil L., to E. I. du Pont de Nemours and Co. Production of imino substituted acetones and their hydrolyzable substituted acetones. 2,742,503, 4-17-56, Cl. 260-566.
- Hanslick, Roy S.: *See*—
- Bruce, William F., Hanslick, and Freed. 2,746,959.
- Hanslick, Roy S., to American Home Products Corp. Amine salt of penicillin. 2,742,465, 4-17-56, Cl. 260-239.1.
- Hanslick, Roy S., and W. F. Bruce, to American Home Products Corp. Imidazolidine salts of penicillin. 2,750,379, 6-12-56, Cl. 260-239.1.
- Hanslick, Roy S., and R. Bogash, to American Home Products Corp. Diaralkylalkylenediamine preparation. 2,770,653, 11-2-56, Cl. 260-270.9.
- Hansman Industries, Inc.: *See*—
- Hansman, John E. 2,738,133.
- Hansman, John E., to Hansman Industries, Inc. Temperature control for heating systems. 2,738,133, 3-13-56, Cl. 236-9.
- Hanson, Alden W. J. Method and means for maintaining hot water temperatures in supply pipes. 2,760,047, 8-21-56, Cl. 219-39.
- Hanson, Alden W., to The Dow Chemical Co. Continuous method for making solid polymeric materials. 2,769,804, 11-5-56, Cl. 260-56.7.
- Hanson, Alfred H.: *See*—
- French, George F. and R. 2,775,265.
- Hanson, Alfred H., to The Fairbanks Co. Appliance hand truck provided with stair-climbing attachment. 2,772,096, 11-27-56, Cl. 280-5.24.
- Hanson, Carl S., and W. F. Finlay, to Boeing Airplane Co. Aircraft control mechanism. 2,756,951, 7-31-56, Cl. 244-75.
- Hanson, Clarence E., Jr., and P. L. Vermaire, to General Motors Corp. Bearing. 2,743,714, 5-1-56, Cl. 123-90.
- Hanson, Joyce S.: *See*—
- Hamblet, Clement H., and Hanson. 2,750,415.
- Hanson, Edward C., to Protection Equipment Co., Inc. Apparatus for conveying articles. 2,763,446, 9-18-56, Cl. 243-7.
- Hanson, Edward S.: *See*—
- Reid, Robert J., Hanson, and Pikna. 2,755,314.
- Hanson, Estyle D., to Western Electric Co., Inc. Apparatus for holding and advancing articles. 2,767,623, 10-23-56, Cl. 90-58.
- Hanson, Estyle D., to Western Electric Co., Inc. Wire payoff apparatus. 2,774,548, 12-18-56, Cl. 242-128.
- Hanson-Gorrill-Brian, Inc.: *See*—
- Brian, William S. 2,758,790.
- Hanson, Hartwig M., to The C. M. Kemp Mfg. Co. Proportioning and mixing apparatus. 2,774,657, 12-18-56, Cl. 48-184.

- Hanson, Hazel M.: *See*—  
Openorth, John E., and Hanson. 2,771,215.
- Hanson, Hugh D. Valved fitting. 2,775,256, 12-25-56, Cl. 137-322.
- Hanson, Karl M., to Woodward Governor Co. Magnetic amplifier. 2,752,429, 6-26-56, Cl. 179-171.
- Hanson, Lars, to Carrier Corp. Automatic service valves for use in refrigeration systems. 2,762,204, 9-11-56, Cl. 62-3.
- Hanson, Lars, to Carrier Corp. Self-contained ice making unit. 2,773,101, 12-25-56, Cl. 62-105.
- Hanson, Miles G.: *See*—  
Gretzinger, John R., Chea, and Hanson. 2,754,002.
- Hanson, Newell B. Silage chopping device. 2,765,157, 10-2-56, Cl. 262-20.
- Hanson, Robert H.: *See*—  
David, Donald J., and Hanson. 2,738,298.
- Hanson, Robert L., and W. E. Kock, to Bell Telephone Laboratories, Inc. Distant-talking telephone system. 2,736,771, 2-28-56, Cl. 179-1.
- Hanson, Rodney L., and H. L. Mitten, Jr., to The Creamery Package Mfg. Co. Valve construction. 2,748,802, 6-5-56, Cl. 138-42.
- Hanson, Ross A.: *See*—  
Kay, Nicholas L., Hendricks, and Hanson. 2,744,053.
- Hanson, Ross A., to Union Oil Co. of California. Process for hydro-desulfurization of light hydrocarbons using a nickel oxide catalyst. 2,746,907, 5-22-56, Cl. 196-28.
- Hanson, Ross A., to Union Oil Co. of California. Conversion catalysts and processes for bonding the catalyst composites. 2,759,899, 8-21-56, Cl. 252-450.
- Hanson, Russell O. Warning flag. 2,732,823, 1-31-56, Cl. 116-173.
- Hanson, Selmer O. Ice auger head. 2,766,014, 10-9-56, Cl. 255-1.
- Hanson, Theodore L., to Tele-Trip Policy Co., Inc. Stamp dispenser for insurance policy vending and validating mechanism. 2,732,271, 1-24-56, Cl. 312-39.
- Hanson, Thomas K., and M. Kinnard, to Esso Research and Engineering Co. Process for preparing aryl thiophenes. 2,748,144, 5-29-56, Cl. 260-329.
- Hanson-Van Winkle-Munning Co.: *See*—  
Hauk, Paul A. 2,736,441.
- Hauk, Paul A., to General Motors. 2,769,519.
- Todd, Guerin, and Hauk. 2,738,888.
- Hanson, Wallace E., to Sample-Durick Co., Inc. Portable cardboard display members. 2,735,638, 2-21-56, Cl. 248-35.
- Hanson, Walter J.: *See*—  
Owen, Edwin H., and Hanson. 2,771,726.
- Rouan, Francis J., and Hanson. 2,741,982.
- Hanson, Walter J., to Pitney-Bowes, Inc. Value printing die cover means. 2,748,352, 5-22-56, Cl. 101-91.
- Hanson, Walter J., to Pitney-Bowes, Inc. Folding machine of the buckle chute type. 2,751,221, 6-19-56, Cl. 270-68.
- Hanson, Walter J., and A. G. Russell, to Pitney-Bowes, Inc. Postage printing die protection means. 2,743,668, 5-1-56, Cl. 101-91.
- Hanson, Walter J., and R. H. Van Wagener, to Pitney-Bowes, Inc. Inking device. 2,748,698, 6-5-56, Cl. 101-350.
- Hanson, Walter J., F. J. Rouan, and J. W. Bach, to Pitney-Bowes, Inc. Folding machine with part-circular buckle chutes. 2,766,040, 10-9-56, Cl. 270-68.
- Hanson, Wesley T., Jr., to Eastman Kodak Co. False-color or false-sensitized photographic film containing colored couplers. 2,763,549, 9-18-56, Cl. 95-2.
- Hanson, William E.: *See*—  
Coggeshall, Norman D., and Hanson. 2,767,320.
- Lewis, Alexander, Jr., and Hanson. 2,738,309.
- Hanssen, Petter M., to Ellison Bronze Co., Inc. Door check with fluid bumper. 2,769,195, 11-6-56, Cl. 16-82.
- Hansson, Karl G. L.: *See*—  
Strömberg, Tage A., and Hansson. 2,771,684.
- Hanszen, Eugene W., and L. B. Trenholme, to Union Carbide and Carbon Corp. Catalyst and process for making vinyl esters. 2,750,410, 6-12-56, Cl. 260-498.
- Hantelmann, Edward.: *See*—  
Pirot, Ernst, and Hantelmann. 2,773,047.
- Hanthorn, Horace F., to Radio Corp. of America. Ultrahigh frequency sweep generator. 2,752,499, 6-26-56, Cl. 250-36.
- Hanzys, Eugene A., and E. F. Weller, Jr., to General Motors Corp. Thermoelectric instrument for testing materials. 2,750,791, 6-19-56, Cl. 73-15.
- Hanze, Arthur R.: *See*—  
Marlatt, Paul, and Hanze, McIntosh, and Levin. 2,752,365.
- Schneider, William P., and Hanze. 2,769,823.
- Weisblatt, David I., Magerline, Myers, Hanze, and Rolfson. 2,737,523.
- Hanze, Arthur R., and R. H. Levin, to The Upjohn Co. 4-chloropropene 1,2-epoxide-3,1,1,2,0-riol and 21-esters thereof. 2,751,401, 6-19-56, Cl. 260-397.45.
- Hanzlik, Jay J.: *See*—  
Krampe, Paul T., and Hanzlik. Re. 24,107.
- Hapman, Hannah J.: *See*—  
Hapman, Henry W. 2,735,534.
- Hapman, Henry W. 2,738,887.
- Hapman, Henry W. 2,747,723.
- Hapman, Henry W., 40% to H. J. Hapman. Flight conveyor. 2,735,534, 2-21-56, Cl. 198-170.
- Hapman, Henry W., 40% to H. J. Hapman. Boom conveyor apparatus. 2,738,887, 3-20-56, Cl. 214-21.
- Hapman, Henry W., 40% to H. J. Hapman. Bucket conveyor with protected pivot shaft. 2,747,723, 6-29-56, Cl. 198-148.
- Happe, Melvin J.: *See*—  
Skromme, Lawrence H., and Happe. 2,750,729.
- Happe, Melvin J., and E. B. Nolt, to Sperry Rand Corp. Intermittent drive mechanism. 2,774,246, 12-18-56, Cl. 74-84.
- Happe, Ralph A., to Battelle Development Corp. Metallic powders. 2,734,817, 2-14-56, Cl. 75-5.
- Happe, Reynold, to The Singer Mfg. Co. Ventilating structures for small insulated induction motors. 2,763,796, 2-2-56, Cl. 310-62.
- Happe, Reynold, to The Singer Mfg. Co. Power operated control units for sewing machines. 2,764,112, 9-25-56, Cl. 112-67.
- Happe, Reynold, and H. B. Fuge, to The Singer Mfg. Co. Snap switch mechanisms. 2,759,198, 3-20-56, Cl. 200-67.
- Happe, Wilhelm.: *See*—  
Huss, Richard, Happe, Siebert, and Weissert. 2,758,109.
- Happel, Herman E., M. J. Arvin, and F. J. Murphy, to Unitex, Inc. Auxiliary keyboard and operating mechanism for typesetting, typesetting, message transmission, tape perforating and similar machines. 2,739,649, 3-27-56, Cl. 164-113.
- Happel, John, and C. J. Marsel. Manufacturing process for acetylenic hydrocarbons. 2,752,405, 6-26-56, Cl. 260-678.
- Happel, John, and C. J. Marsel. Cracking of isobutylene with steam to produce substituted acetylenes and diolefins. 2,763,703, 9-18-56, Cl. 260-678.
- Happoldt, William B., to E. I. du Pont de Nemours and Co. Polyethylene modified with ethylene distearamide. 2,763,293, 10-2-56, Cl. 260-45.9.
- Happoldt, William B., Jr.: *See*—  
Barker, Harold C., Lewis, and Happoldt. 2,770,608.
- Hara, James R. Golf practice device. 2,755,091, Cl. 273-190.
- Harada, Henry, to General Motors Corp. Quick reset wheel assembly. 2,737,845, 3-6-56, Cl. 235-144.
- Harada, Kiyoshi.: *See*—  
Utsumi, Isamu, and Harada. 2,770,624.
- Haralson, Jesse S. Filing cabinet. 2,740,684, 4-3-56, Cl. 312-23.
- Haralson, Robert H., Jr. Pharmaceutical dispenser. 2,731,965, 1-24-56, Cl. 128-272.
- Harasek, Richard J., to Motorola, Inc. Printed circuit chassis and tube clip. 2,730,690, 1-10-56, Cl. 339-193.
- Haras, Richard J., to Motorola, Inc. Radio receiver apparatus. 2,738,419, 3-13-56, Cl. 250-16.
- Harbaugh, Watson D. Transmissions. 2,772,583, 12-4-56, Cl. 74-758.
- Harbaugh, Watson D. Photoelectric musical instrument. 2,774,272, 12-18-56, Cl. 84-1.18.
- Harbaugh, Willis E., to Radio Corp. of America. Method of making a non-deforming laminated electrode support. 2,761,197, 9-4-56, Cl. 29-155.5.
- Harbs, Glenn C., and E. D. Sharpe, to Cook Bros. Equipment Co. Transit concrete mixer. 2,729,435, 1-3-56, Cl. 259-172.
- Harbert, William J. Check device for heavy springs. 2,758,833, 8-14-56, Cl. 267-4.
- Harber, George A., and J. A. Ford. Pressure fluctuation arrester. 2,761,472, 9-4-56, Cl. 138-26.
- Harbison, George C.: *See*—  
Horvay, Julius B., and Harbison. 2,754,663.
- Harbison-Walker Refractories Co.: *See*—  
Coffman, James B., and Lloyd. 2,736,187.
- Harbo Mfg. Co.: *See*—  
Baines, Charles H. 2,743,933.
- Harbulak, Harry J., to ACF Industries, Inc. Mine car. 2,741,998, 4-17-56, Cl. 105-364.
- Harcourt, George T., to Chicago Pneumatic Tool Co. Mechanical movement for seam cap riveting and the like. 2,749,760, 6-12-56, Cl. 74-110.
- Harcourt, Guy N.: *See*—  
Neubauer, Herman E., and Harcourt, and Angstadt. 2,760,791.
- Harcourt Knitting Co.: *See*—  
Jenard, Leonard J., and Fregeolle. 2,767,567.
- Harcus, Robert T., to Borg-Warner Corp. Open hole carrier. 2,749,760, 6-12-56, Cl. 74-110.
- Hård af Segerstad, Carl G., and A. T. Westberg, to Sandvikens Jernverks Aktiebolag. Balanced valve fluid-actuated control device. 2,746,424, 5-22-56, Cl. 121-38.
- Hård af Segerstad, Carl G., and A. H. Malmquist, to Sandvikens Jernverks Aktiebolag. Pneumatic gaging device. 2,729,968, 1-10-56, Cl. 73-37.6.
- Harden, Charles M.: *See*—  
Alexander, William G., and Harden. 2,747,178.
- Harden, William L. Fishing rod holder. 2,740,219, 4-3-56, Cl. 43-6.
- Hardenberg, Jan J. C.: *See*—  
Boldingh, Willem H., Hardenberg, Oosterkamp, and Verhoef. 2,751,504.
- Harder, Arthur J., to Concrete Aking devices for concrete wall form panels. 2,740,182, 4-3-56, Cl. 25-131.
- Harder, Arthur J., Jr., to The Rauland Corp. Cathode-ray tube sealing apparatus. 2,731,771, 1-24-56, Cl. 49-1.
- Harder, Arthur J., Jr., to The Rauland Corp. Line-contact sealing fixture. 2,731,947, 1-24-56, Cl. 118-500.
- Harder, August. Spray guns. 2,740,670, 4-3-56, Cl. 299-140.1.
- Harder, Clarence L., and H. H. Wright, to American Viscose Corp. Sealing process. 2,773,773, 12-11-56, Cl. 99-176.
- Harder, Ralph N.: *See*—  
Hughes, Guy N., and Harder. 2,744,240.
- Hardesty, George K. Illuminating assembly for indicating instruments. 2,738,759, 3-20-56, Cl. 116-129.



- Hardy, Edwin F. Cleaning, dusting and polishing device. 2,739,334, 3-27-56, Cl. 15-231.
- Hardfield Corp. *See*— 2,762,411.
- Haskins, Lewis S. To The Babcock & Wilcox Co. Fuel and air control damper for cyclone furnaces. 2,772,645, 12-4-56, Cl. 110-28.
- Hardgrove, Robert R. *See*—
- Lake, Ernest T., and Hardgrove. 2,774,142.
- Hardy, Harry L. Automatic valve apparatus. 2,736,037, 2-28-56, Cl. 4-26.
- Hardie, James H., to The Canadian Cutler Mail Chute Co. Ltd. Flush-type mail chutes. 2,763,724, 10-30-56, Cl. 193-8.
- Hardie Mfg. Co. *See*—
- Tuft, Miles H. 2,762,651.
- Hardt, Fritz H. *See*—
- Valeton, Josue J. P., Hardt, and van der Poel. 2,775,716.
- Hardimon, Robert H. Shoe. 2,736,110, 2-28-56, Cl. 36-58.5.
- Hardin, Hubert W., and C. C. Brinkoeter, to Ed Friedrich, Inc. Room air conditioners. 2,730,873, 1-17-56, Cl. 62-129.
- Hardin, N. A. *See*—
- Brandon, Clarence W. 2,732,687.
- Hardin, Stanford A. *See*—
- Striplin, Marcus M., Jr., Hardin, and Bundy. 2,744,944.
- Harding, Clarke T., M. W. Mayer, and R. O. Wright, to East Research and Engineering Co. Combination crude distillation and cracking process. 2,731,396, 1-17-56, Cl. 196-49.
- Harding, Francis, to American Machine & Foundry Co. Cigarette making machine. 2,759,482, 8-21-56, Cl. 131-66.
- Harding, George W. *See*—
- Jones, Harry H., and Hudock. 2,739,567.
- Harding Mfg. Co., Inc. *See*—
- Borushko, Michael J. 2,728,952.
- Harding, Milo Co. *See*—
- Bailey, Richard W. 2,743,670.
- Harding, Paul L. Fishhook. 2,733,540, 2-7-56, Cl. 43-44.82.
- Harding, William R., to Westinghouse Electric Corp. Manufacture of selenium rectifiers. 2,747,254, 5-29-56, Cl. 29-25.3.
- Hardinge Co., Inc. *See*—
- Hardinge, Harlowe. 2,753,998.
- Hardinge, Harlowe. Material handling mechanism. 2,750,038, 6-12-56, Cl. 210-55.
- Hardinge, Harlowe, to Hardinge Co., Inc. Method and apparatus for heavy-media separation. 2,753,998, 7-10-56, Cl. 20-170.
- Hardinge, Harlowe. Process and apparatus for classifying material. 2,758,713, 8-14-56, Cl. 209-144.
- Hardison, Wilbur T., to M. E. Bourns. Multiconductor cable. 2,749,261, 6-5-56, Cl. 154-224.
- Hardman, Albert F., to The Goodyear Tire & Rubber Co. New compositions. 2,757,174, 7-31-56, Cl. 260-247.1.
- Hardman, Albert F., to The Goodyear Tire & Rubber Co. Manufacture of sulfenamides. 2,772,278, 11-27-56, Cl. 260-306.6.
- Hardman, Harley F. *See*—
- Hughes, Everett C., Hardman, and Fink. 2,764,889.
- Hardman, Harley F., to The Standard Oil Co. Preparation of asphaltic material. 2,738,312, 3-13-56, Cl. 196-74.
- Hardman, Harley F., to The Standard Oil Co. Asphalt containing an aerogel. 2,759,842, 8-21-56, Cl. 106-281.
- Hardman, Harley F., E. C. Hughes, and F. Veatch, to The Standard Oil Co. Asphalt containing an aerogel. 2,759,843, 8-21-56, Cl. 106-281.
- Hardman, James A., to Utah Scientific Research Foundation. Counterbalance drive mechanism for reciprocating cutters. 2,736,156, 2-28-56, Cl. 56-296.
- Hardman, James A., to Utah Scientific Research Foundation. Power transmission means for reciprocating cutting assembly. 2,742,753, 4-24-56, Cl. 56-296.
- Hardt, Rudolf, to Maschinenfabrik Turner Aktiengesellschaft. Apparatus for determining pressure in splitting resilient materials. 2,749,982, 6-12-56, Cl. 164-39.
- Hardmath, L. & C., Inc. *See*—
- Danajcek, William E. 2,751,700.
- Hardware Products Co. *See*—
- Marsh, Luther. 2,729,253.
- Hardway, Edward V., Jr., to Consolidated Electrodynamics Corp. Electrokinetic transducers. 2,769,929, 11-6-56, Cl. 314-2.
- Hardwick, Robert F., to General Electric Co. Manufacture of decorative lamps. 2,749,203, 6-5-56, Cl. 316-18.
- Hardwicke, Norman L., and G. W. Walpert, to Monsanto Chemical Co. Cyanuric chloride. 2,762,798, 9-11-56, Cl. 260-248.
- Hardy, Albert L., to the United States of America as represented by the Secretary of the Army. Reloader and magnetic brake for automatic machine gun. 2,767,615, 10-23-56, Cl. 89-1.
- Hardy, Allen W. *See*—
- Duncan, Sydney F., and Hardy. 2,737,261.
- Hardy, Benjamin G., and C. M. Hammer, to A. P. de Sanno & Son, Inc. Abrasive cut-off machine. 2,765,967, 9-25-56, Cl. 51-98.
- Hardy, Charles H.-A. Closure remover, particularly for corks used on sparkling beverage bottles. 2,761,338, 9-4-56, Cl. 81-3.38.
- Hardy, Edgar E. *See*—
- Slocombe, Robert J., Hardy, and Saunders. 2,770,639.
- Hardy, Edgar E., and T. Reetz, to Monsanto Chemical Co. Esters of epoxidized phosphonic acids and halogenated organic materials stabilized therewith. 2,770,610, 11-13-56, Cl. 260-45.
- Hardy, Henry G. *See*—
- Tocci-Guilbert, B. 2,767,527.
- Tocci-Guilbert, B. 2,767,528.
- Hardy, Howard C., to Armour Research Foundation of the Illinois Institute of Technology. Apparatus for measuring vibrations. 2,733,597, 2-7-56, Cl. 73-89.
- Hardy, James A., to Schwitzer Corp. Method of assembling rubber bushings. 2,763,055, 9-18-56, Cl. 29-450.
- Hardy, James A., to Schwitzer Corp. Pump control mechanism. 2,768,583, 10-30-56, Cl. 103-120.
- Hardy, John L., to The Dow Chemical Co. Fungicidal fumigant composition comprising bromomethane and method of applying to soil. 2,763,962, 9-25-56, Cl. 47-58.
- Hardy, John L., to The Dow Chemical Co. Vinyl benzene compound composition and method for the treatment of soil. 2,769,745, 11-6-56, Cl. 167-39.
- Hardy, Leoid E. Model airplane propeller hub and cowl construction. 2,765,858, 10-9-56, Cl. 170-159.
- Hardy, Maurice E., to Zenith Radio Corp. Phonograph speed indicator. 2,736,228, 2-28-56, Cl. 88-14.
- Hardy, René, to Sepco. Intercommunication system. 2,761,018, 8-28-56, Cl. 179-.
- Hardy, Robert L., C. E. Hemminger, to Esso Research and Engineering Co. Method of regenerating hydroforming catalysts. 2,737,476, 3-6-56, Cl. 196-30.
- Hardy, Thomas J. *See*—
- Dobbratz, Edward J., and Hardy. 2,768,333.
- Hardy, William B., to American Cyanamid Co. Separation of position isomers. 2,732,393, 3-24-56, Cl. 260-457.
- Hardy, William B., to American Cyanamid Co. Preparation of sulfuric acid half esters of leuco vat dyes. 2,774,761, 12-18-56, Cl. 260-274.
- Hardy, William B., and F. H. Adams, to American Cyanamid Co. Bis-sulfonyltriazenes. 2,766,226, 10-9-56, Cl. 260-140.
- Hardy, William B., and F. H. Adams, to American Cyanamid Co. Sulfonyltriazenes. 2,766,227, 10-9-56, Cl. 260-140.
- Hardy, William B., and F. H. Adams, to American Cyanamid Co. Bis-sulfonyltriazenes. 2,766,228, 10-9-56, Cl. 260-140.
- Hardy, William B., and F. H. Adams, to American Cyanamid Co. Preparation of sulfonyltriazenes. 2,766,229, 10-9-56, Cl. 260-140.
- Hardy, William B., and R. B. Fortenbaugh, to American Cyanamid Co. Replacement of bromine by chlorine in aromatic compounds. 2,769,815, 11-6-56, Cl. 260-325.
- Hardy, William B., and W. S. Forster, to American Cyanamid Co. Process for benzophenones (dimethylformamide). 2,773,903, 12-11-56, Cl. 260-591.
- Hare, Charles L. Coin control attachment for dial telephones. 2,773,930, 12-11-56, Cl. 179-34.
- Hare, Donald G. C., to Magnetic Equipment, Inc. Magnetic sound reproducer. 2,768,243, 10-23-56, Cl. 179-100.2.
- Hare, George H. *See*—
- Toomin, Hershel, and Hare. 2,744,222.
- Hare, George H., and D. R. Margetts, to Beckman Instruments, Inc. Radio frequency mass spectrometer. 2,769,093, 10-30-56, Cl. 250-41.9.
- Hare, Leo A. *See*—
- Standard, John W. 2,733,533.
- Hare, Terence G. Centrifugal friction clutch with chain structure. 2,758,690, 8-14-56, Cl. 192-105.
- Hare, Terence G. Centrifugal friction type clutch with chain member. 2,762,484, 9-11-56, Cl. 192-105.
- Hare, Terence G. Centrifugal friction type clutch. 2,765,063, 10-2-56, Cl. 192-105.
- Hare, Terence G., to Miller Mfg. Co. Car top luggage carrier structure. 2,771,231, 11-20-56, Cl. 224-42.1.
- Hare, Terence G., to Miller Mfg. Co. Attaching and supporting means for automobile luggage carrier. 2,775,381, 12-25-56, Cl. 224-42.1.
- Hare, Weston A., to E. I. du Pont de Nemours and Co. Method of preparing resilient acrylonitrile polymer fibers. 2,764,468, 9-25-56, Cl. 18-34.
- Har'el, Abraham, and C. C. Cheng, to Radio Corp. of America. Transistor oscillator circuit. 2,757,289, 7-31-56, Cl. 250-36.
- Haresnap, Dorothy S., formerly Macken, and R. L. Denyer, to The British Petroleum Co. Ltd. Sweetening of petroleum oils containing mercaptans with alkali and oxygen and then with alkali, a solutizer and oxygen. 2,729,591, 1-3-56, Cl. 196-29.
- Haresnap, John N. *See*—
- Porter, Frederick W. B., and Haresnap. 2,769,755.
- Harfenist, Morton *See*—
- Bavley, Abraham, and Harfenist. 2,742,478.
- Bavley, Abraham, and Harfenist. 2,742,479.
- Bavley, Abraham, Harfenist, Lazier, and McLamore. 2,742,480.
- Bavley, Abraham, Harfenist, and McLamore. 2,750,428.
- Harfert, Arthur. Soil conditioner. 2,749,827, 6-12-56, Cl. 97-212.
- Hargenrater, Quentin, to American Viscose Corp. Warp beam package. 2,738,176, 3-13-56, Cl. 28-78.
- Hargett, Hayden M. Water ski foot binding device. 2,728,927, 1-9-56, Cl. 9-21.
- Hargett, Huston, to Commercial Display Corp. Adjustable partition clip for trays and shelving. 2,751,088, 6-19-56, Cl. 211-55.

- Hargis, Alexander H. Tire coating liquid. 2,752,256, 6-26-56, Cl. 106-36.
- Hargrave, John T., to Interchemical Corp. Multicolor printing press for round objects. 2,764,933, 10-2-56, Cl. 101-38.
- Hargreaves, Harry. Pickers for underpick looms. 2,740,431, 4-3-56, Cl. 139-159.
- Hargrove, Atwood H., to Bendix Aviation Corp. Noise squelch system. 2,751,493, 6-19-56, Cl. 250-20.
- Harinck, Peter J. Rotary mining machine. 2,730,331, 1-10-56, Cl. 255-22.
- Harjes, Frederick W., N. P. Salz, and J. W. Culp, to Sylvania Electric Products, Inc. Flashlamp contaminant detector. 2,767,325, 10-16-56, Cl. 250-83.3.
- Harku, Walter A. Vertical slat Venetian blind. 2,759,534, 8-21-56, Cl. 160-168.
- Harkenrider, Robert J., to Continental Can Co., Inc. Injection unit for molding machines. 2,737,686, 3-13-56, Cl. 18-30.
- Harkenrider, Robert J., to G. D. Miller. Traction motor lubricator. 2,738,242, 3-13-56, Cl. 308-132.
- Harkenrider, Robert J., to R. W. Miller and B. A. Miller. Handle for journal box packing. 2,747,952, 5-29-56, Cl. 308-243.
- Harkenrider, Robert J., to R. W. and B. A. Miller. Journal lubricator. 2,762,665, 9-11-56, Cl. 308-88.
- Harkenrider, Robert J., to R. W. and B. A. Miller. Journal box packing. 2,762,667, 9-11-56, Cl. 308-243.
- Harkenrider, Robert J., to G. D. Miller. Shaft lubricator. 2,768,035, 10-23-56, Cl. 308-132.
- Harker, Charles B., to Bartelt Engineering Co. Dispensing apparatus for double bags. 2,732,989, 1-31-56, Cl. 226-59.
- Harker, Charles B., to Bartelt Engineering Co. Dispensing device. 2,762,215, 9-11-56, Cl. 226-59.
- Harker, Charles B., to Bartelt Engineering Co. Packaging machine. 2,745,583, 5-15-56, Cl. 226-59.
- Harker, Charles B., to Bartelt Engineering Co. Folding and guiding mechanism for double wall bag machines. 2,762,273, 9-11-56, Cl. 93-20.
- Harker, George A.: See—  
Benjamin, William R., and Harker. 2,765,869.
- Harker Pottery Co.: See—  
Guthrie, George B. 2,731,126.
- Harkley, George D., Jr., to G. E. Hawk, to Aerojet-General Corp. Fluid delivery device. 2,771,915, 11-27-56, Cl. 141-116.
- Harkness, Andrew W. Flush valve and valve outlet. 2,744,258, 5-8-56, Cl. 4-52.
- Harkness, Andrew W. Valve ball cage. 2,744,260, 5-8-56, Cl. 4-57.
- Harkness, William L.: See—  
Cargill, Sylvester H., and Harkness. 2,747,350.
- Harks, Walter M., to Bowser, Inc. Sample holder. 2,749,797, 6-12-56, Cl. 85-14.
- Harks, Walter M. Multiple level indicator for a tank variety vehicle. 2,756,715, 7-31-56, Cl. 116-118.
- Harks, Walter M., and J. J. Delaney, to Bowser, Inc. Dual liquid dispenser. 2,732,536, Cl. 226-59.
- Harlan, Campbell A. Overhead carriage. 2,761,396, 9-4-56, Cl. 105-154.
- Harlan, Campbell A. Mobile tower with elevator for making overhead assemblies. 2,761,574, 9-4-56, Cl. 214-103.
- Harlan, John M.: See—  
Harlan, Campbell A. and J. M. 2,762,659.
- Harlan, R. K.: See—  
Harlan, Roger B. 2,757,317.
- Harlan, Roger B., to R. K. Harlan. Radiation responsive control units. 2,757,317, 7-31-56, Cl. 315-156.
- Harland, Campbell A. and J. M. Extensible scaffold. 2,762,659, 9-11-56, Cl. 304-29.
- Harland, Philip W.: See—  
Le Van, Ambrose E., and Harland. 2,739,480.
- Waite, Ralph D., and Harland. 2,739,306.
- Harland, Philip W., to American Machine and Metals, Inc. Anchoring devices for bottle closures. 2,732,106, 1-24-56, Cl. 222-361.
- Harland, Philip W., and J. T. Kunz; said Harland assor. to American Machine and Metals, Inc., and said Kunz assor. to Schumacher Electronics, Inc. Panel mounted casing containing synchrotransformer, amplifier and servomotor operated indicator. 2,738,497, 3-13-56, Cl. 340-315.
- Harle, Harold P.: See—  
Shell, Ernest F., and Harle. 2,758,448.
- Harle, Harold P., to General Electric Co. Sloping baffle for a refrigerator. 2,750,759, 6-19-56, Cl. 82-103.
- Harless, Charles A., to R. Hoe & Co., Inc. Partitioned fountain rotary intaglio printing machines. 2,744,464, 5-8-56, Cl. 101-157.
- Harless, Charles A., to R. Hoe & Co., Inc. Movable nipping roller delivery for a printing machine. 2,746,748, 5-22-56, Cl. 270-44.
- Harless, Charles A., and E. W. Worthington, to R. Hoe & Co., Inc. Impression adjusting mechanism for printing presses. 2,743,672, 5-1-56, Cl. 101-247.
- Harley-Davidson Motor Co.: See—  
Harley, William J. 2,770,869.
- Harley, Frank B. Releasable buckles. 2,769,220, 11-6-56, Cl. 24-193.
- Harley, Joseph J.: See—  
Travilla, James C., and Harley. 2,738,035.
- Harley, William J., to Harley-Davidson Motor Co. Method of making roller bearing cage. 2,770,869, 11-20-56, Cl. 29-148.4.
- Harlow, Earl V., to Koppers Co., Inc. Electrical precipitator. 2,737,258, 3-6-56, Cl. 183-7.
- Harlow, Earl V., to Koppers Co., Inc. Electrical precipitator. 2,737,259, 3-6-56, Cl. 183-7.
- Harlow, Earl V., to Koppers Co., Inc. Purification of gases. 2,746,563, 5-22-56, Cl. 183-114.
- Harlow, Earl V., to Koppers Co., Inc. Reduction of C<sub>1</sub> carbon content in tar. 2,775,550, 12-25-56, Cl. 196-147.
- Harlow, Loraine C., and Q. E. Smith, to Radio Corp. of America. Acoustic modulating apparatus. 2,743,478, 5-1-56, Cl. 18-53.
- Harman, Cameron G., and R. Rose, to Rare Earths Inc. Polishing material and method of making same. 2,744,001, 5-1-56, Cl. 51-308.
- Harman, Denham T.: See—  
Wheistone, Richard R., and Harman. 2,765,331.
- Harman, Gerald J. Fueling apparatus for aircraft. 2,735,717, 2-21-56, Cl. 299-78.
- Harman, Gerald J., H. D. Hooker, and R. T. Rummel, to Lockheed Air Terminal, Inc. Multiple refueling system. 2,769,572, 11-6-56, Cl. 222-26.
- Harman, Gerald J., H. D. Hooker, and R. T. Rummel, to Lockheed Air Terminal, Inc. Airplane refueling system with rate of flow meter. 2,769,575, 11-6-56, Cl. 222-71.
- Harman, Marion W., to Monsanto Chemical Co. Process of producing normal zinc mercaptobenzothiazole. 2,754,303, 7-10-56, Cl. 260-299.
- Harman, Marion W., to Monsanto Chemical Co. Preparing 2-thiazolecarboxylic acid. 2,766,250, 9-4-56, Cl. 260-247.1.
- Harman, Marion W., and J. D'Amico, to Monsanto Chemical Co. Halogen substituted alkyl diethiocarbamates. 2,744,898, 5-8-56, Cl. 260-247.1.
- Harman, Melvin H., to General Steel Products Co., Inc. Sofa bed hinge. 2,759,487, 7-24-56, Cl. 5-8.
- Harman, Robert A., to Allied Chemical & Dye Corp. Process for melamine production. 2,763,651, 9-18-56, Cl. 260-249.7.
- Harmon, Albert D., to Deering Milliken Research Corp. Attaching apparatus for automatic winders. 2,752,101, 6-26-56, Cl. 242-32.
- Harmon, Clement R., and C. R. Twenty. Collapsible rear seat service tray for automobiles. 2,774,640, 12-18-56, Cl. 311-21.
- Harmon, Cline H., to Waterloo Foundry Co. Closure for exhaust pipes. 2,749,832, 6-12-56, Cl. 98-59.
- Harmon, Dewey E. Hair blocking guide. 2,729,218, 1-3-56, Cl. 132-85.
- Harmon, Edward H., to Aluminum Co. of America. Forging aluminum alloy disc wheels. 2,736,674, 2-28-56, Cl. 148-12.7.
- Harmon, F. S., Mfg. Co.: See—  
Metz, Peter P. 2,753,586.
- Harmon, Louis O. Lure end cleaning tool. 2,758,429, 8-14-56, Cl. 51-184.2.
- Harmon, Louis O. Valve grinding attachment. 2,763,966, 9-25-56, Cl. 51-29.
- Harmon, Louis O. Valve grinding tool. 2,763,589, 10-9-56, Cl. 51-20.
- Harmon, Luther R., to H. E. Hayes, trustee. Combination flash and beacon light. 2,739,305, 3-20-56, Cl. 340-321.
- Harmon, Richard A. Golf ball markers. 2,756,670, 7-31-56, Cl. 268-58.
- Harmon, Samuel J. Gas saver. 2,738,903, 2-7-56, Cl. 261-63.
- Harms, Cecil A., and R. A. Kennedy. Slope gage. 2,754,594, 7-17-56, Cl. 32-70.
- Harms, John P., to Houdaille-Hershey of Indiana, Inc. Drain and emulsion preserving arrangement for clarifiers. 2,729,340, 1-3-56, Cl. 210-184.
- Harms, Walter L.: See—  
Foulds, Neil M., and Harms. 2,768,725.
- Harner, Harold R., and D. S. Trahin, to The Eagle-Picher Co. Recovery of germanium from scrap materials. 2,767,052, 10-16-56, Cl. 23-87.
- Harness, Wayne R., to Walter Kidde & Co., Inc. Thermo-static actuator. 2,765,379, 10-2-56, Cl. 200-137.
- Harney, Doran B.: See—  
Ecker, Murry F., and Harney. 2,735,701.
- Harney, Doran B., and W. O. Shepherd, to Pacific Pumps, Inc. Mixing pump. 2,772,863, 12-4-56, Cl. 259-7.
- Harney, William C.: See—  
Van Gilder, Carl F., and Harney. 2,771,458.
- Harnischfeger Corp.: See—  
Burdick, Will S., and Schneider. 2,735,559.
- Clark, John C. 2,756,321.
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- Jacobs, Henry S., and Curtin. 2,773,202.
- Jacobs, Henry S., and Curtin. 2,773,998.
- Jacobs, Henry S., and Henry S. 2,773,204.
- Pomazal, Jess W., and Corcoran. 2,762,988.
- Harold, Marshall C., to General Motors Corp. Electrical apparatus. 2,769,048, 10-30-56, Cl. 200-67.
- Harold, William, and W. Bilyk. Separable eye for a bolt. 2,748,646, 6-5-56, Cl. 85-9.
- Haronska, Gerd: See—  
Schumacher, Gustav, and Haronska. 2,736,991.
- Harp, Harry, to Massey-Harris-Ferguson Inc. Combine having side hill platform mounting and adjusting means. 2,753,675, 7-10-56, Cl. 56-209.
- Harper, Carolyn L.: See—  
Bergaustral, Frank H. 2,765,810.
- Lamar, Charles C. 2,765,869.
- Lamar, Charles C. 2,770,253.



- Harper, Carolyn L., Trust, The: *See*—  
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Lamar, Charles C. 2,770,253.
- Harper, Charles: *See*—  
Grieve, John. 2,769,421.
- Harper, Chester H., and K. M. Allen. Hydraulic tree shaker. 2,738,255, 2-21-56, Cl. 3-28.
- Harper, Edwin R. X-ray film-developing apparatus. 2,764,920, 10-2-56, Cl. 95-90.
- Harper, George C., and C. T. Wilson. Frog net. 2,771,701, 11-27-56, Cl. 43-7.
- Harper, George G. Collapsible buck saw. 2,734,536, 2-14-56, Cl. 143-32.
- Harper, James M.: *See*—  
Ardizzone, Joseph R., and Harper. 2,771,856.
- Harper, Laffie. Hydraulically actuated punch. 2,765,036, 10-2-56, Cl. 164-50.
- Harper, Leonard R., to International Business Machines Corp. Electronic counter. 2,731,201, 1-17-56, Cl. 235-92.
- Harper, Murry D. Egg beater. 2,760,763, 8-28-56, Cl. 259-135.
- Harper, Philip S.: *See*—  
Bergquist, Frank H. 2,765,810.  
Lamar, Charles C. 2,765,809.  
Lamar, Charles C. 2,770,253.
- Harper, Philip S., Trust, The: *See*—  
Lamar, Charles C. 2,765,809.  
Lamar, Charles C. 2,770,253.
- Harper, Samuel B. Lock for holding a spacing slug below the level of type bars. 2,764,088, 9-25-56, Cl. 101-403.
- Harper, Samuel D.: *See*—  
Flood, John E., and Harper. 2,760,160.
- Harper, Solomon. Mercury switch-inductor thermostat controlled electric hair treating implement. 2,748,782, 6-5-56, Cl. 132-113.
- Harper, Toby B. Copy-line illuminator. 2,760,049, 8-21-56, Cl. 240-2.
- Harper, Walter G.: *See*—  
Howard, Allan M., and Harper. 2,767,662.
- Harper, Wesley A., to Cockatoo Farm Equipment Ltd. Dual clutch arrangement. 2,752,022, 6-26-56, Cl. 192-23.
- Harper, Donald E., and A. F. Geisinger, to The Goodyear Tire & Rubber Co. Reel. 2,772,056, 11-27-56, Cl. 242-96.
- Harpold, Eddie D., to La Balsa Tile Co. Apparatus for laying tile. 2,738,745, 3-20-56, Cl. 111-5.
- Harpothian, Edward, and W. B. Oswald, to Douglas Aircraft Co., Inc. Gуст load alleviating device. 2,742,245, 4-17-56, Cl. 244-76.
- Harpothian, Edward, and W. B. Oswald, to Douglas Aircraft Co., Inc. Gуст load alleviating device. 2,745,613, 5-15-56, Cl. 244-76.
- Harrah, George R. Combination can and bottle opener. 2,773,272, 12-11-56, Cl. 7-14.25.
- Harralson, Robert W.: *See*—  
Albrecht, Harold D., Harralson, and Fricke. 2,759,135.
- Harre, Kurt J. S. Thumb tack having curved shank and bent sheet metal head. 2,731,307, 6-26-56, Cl. 85-16.
- Harred, George H., to Bostitch, Inc. Box-blank feeding machine. 2,740,629, 4-3-56, Cl. 271-44.
- Harrell, Charles D., to Walter Lutz. Toy clothes washing machines. 2,729,087, 1-3-56, Cl. 68-181.
- Harrell, Edwin A., to the United States of America as represented by the Secretary of Agriculture. Apparatus for the restoration of moisture to the fibers of seedcotton. 2,764,013, 9-25-56, Cl. 68-205.
- Harell, R. R., Jr.: *See*—  
Chilton, Samuel A. 2,736,169.
- Harrer, Theodore S., to Allied Chemical & Dye Corp. Ore roasting apparatus. 2,736,550, 2-28-56, Cl. 266-31.
- Harridge, Carl G. Hair clamp. 2,767,720, 10-28-56, Cl. 132-46.
- Harrigan, William. Grease pump. 2,731,173, 1-17-56, Cl. 222-227.
- Harriman, Arthur J., to Thomas J. Lipton Inc. Method and apparatus for making tea bags or the like. 2,769,290, 11-6-56, Cl. 53-29.
- Harriman, Benjamin R., to General Aniline & Film Corp. Photographic element with emulsion layer containing color forces and wetting agent. 2,768,894, 10-30-56, Cl. 95-6.
- Harriman, Charles S.: *See*—  
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- Harriman, Louis A.: *See*—  
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- Harriman, Loyd R.: *See*—  
Janzer, Lorin H., and Harriman. 2,733,950.
- Harrington, Daniel B.: *See*—  
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- Harrington, Donald F.: *See*—  
Bauman, William C., and Harrington. 2,738,322.  
Bauman, William C., and Harrington. 2,772,237.
- Harrington, Edward M., and E. N. Anderson, to James R. Kearney Corp. Pole guards. 2,749,380, 6-5-56, Cl. 174-5.
- Harrington, Frank A., to Marco Industries Co. Moistureproof cap assembly with pilot light test means. 2,756,412, 7-24-56, Cl. 340-252.
- Harrington, Frank A., and T. W. Jentges, to Marco Industries Co. Block type panel indicator light. 2,745,094, 5-8-56, Cl. 340-381.
- Harrington, James R., <sup>35</sup>/<sub>100</sub> to F. J. Schraeder, Jr. Apparatus for operating internal combustion engines. 2,749,223, 6-5-56, Cl. 45-107.
- Harrington, John A., to Continental Machines, Inc. Liquid cooled grinding wheel. 2,774,201, 12-18-56, Cl. 51-267.
- Harrington, Joseph, Jr.: *See*—  
Cardani, Charles P., and Harrington. 2,774,949.
- Harrington, Lawrence E., <sup>1</sup>/<sub>2</sub> to W. W. Bullock. Collapsible tube squeezer. 2,772,026, 11-27-56, Cl. 222-82.
- Harrington, Norman E. Wheel lug-bolt wrench. 2,761,340, 9-9-56, Cl. 81-54.
- Harrington & Richardson, Inc.: *See*—  
Davis, Elwood R. 2,770,152.
- Harrington, Roy E., to Deere & Co. Safety-shield power-transmitting assembly. 2,772,549, 12-4-56, Cl. 64-4.
- Harrington, Roy E., to Deere & Co. Shaft and shield assembly. 2,772,550, 12-4-56, Cl. 64-4.
- Harrington, Winfred O., R. M. McCready, and R. L. Olson, to the United States of America as represented by the Secretary of Agriculture. Process for preparing dehydrated potatoes. 2,729,566, 1-3-56, Cl. 99-207.
- Harris, Albert S., to Farnsworth Research Corp. Gain control circuit. 2,768,248, 10-23-56, Cl. 179-171.
- Harris, Arch W., to United States Steel Corp. Wire-reinforced rubber article and method of making the same. 2,746,135, 5-22-56, Cl. 29-195.
- Harris, Arthur A. Tenspins. 2,772,091, 11-27-56, Cl. 273-82.
- Harris, Artie B. Gun. 2,757,658, 8-7-56, Cl. 124-17.
- Harris, Asa J. Door latch. 2,749,168, 6-5-56, Cl. 292-230.
- Harris, Benjamin R.: *See*—  
Gladstone, Martell M., and Harris. 2,744,828.
- Harris, Bernard M., to The Emulsol Chemical Corp. Alkyl naphthyl quaternary ammonium compounds. 2,744,902, 5-8-56, Cl. 260-290.
- Harris, Bronson: *See*—  
Jones, Clifford, Harris, and McGee. 2,739,142.
- Harris, Carl C., to The Rivet-O-Matic Co. Spring biased valve with lock. 2,746,073, 5-22-56, Cl. 15-138.
- Harris, Carl C., to The Stencil Co. Adjustable display easel. 2,775,424, 12-25-56, Cl. 248-195.
- Harris, Charles F. Check controlled liquid dispenser. 2,754,950, 1-17-56, Cl. 194-13.
- Harris, Charles L. Staging rack. 2,749,654, 6-12-56, Cl. 43-57.5.
- Harris, Charles R., to Pneumafil Corp. Control for the operation of roving frames. Re. 24,212, 9-11-56, Cl. 57-81.
- Harris, Charles R., to E. I. du Pont de Nemours and Co. Acrylonitrile process and catalyst. 2,734,072, Cl. 260-465.3.
- Harris, Charles T. Combined ash tray and cigarette cutter. 2,740,410, 4-3-56, Cl. 131-233.
- Harris, Clinton H., and E. O. Zill, to Argus Cameras, Inc. Wind spool improvement. 2,760,733, 8-28-56, Cl. 242-74.
- Harris, Columbus W.: *See*—  
Egley, William D., and Harris. 2,770,495.
- Harris, Cyril M.: *See*—  
Dudley, Homer W., and Harris. 2,771,509.
- Harris, David A., and S. Stein. Sheet feed means for liquid press duplicating machine. 2,759,415, 8-21-56, Cl. 101-132.5.
- Harris, David B. Label assembly. 2,767,495, 10-23-56, Cl. 40-2.
- Harris, David P., to The Austin Motor Co. Ltd. Semi-automatic hydraulic gear change mechanisms. 2,753,726, 10-2-56, Cl. 74-334.
- Harris, David P., to The Austin Motor Co. Ltd. Automatic hydraulic selector-operating mechanism for change speed gears. 2,756,611, 7-31-56, Cl. 74-472.
- Harris, Donald S., to New Castle Products, Inc. Extensible link structure. 2,732,893, 1-31-56, Cl. 160-84.
- Harris, Donald S., to New Castle Products, Inc. Foldable closure. 2,732,894, 1-31-56, Cl. 160-84.
- Harris, Edgar L., and S. C. Harris, to Chain Belt Co. Endless sprocket chain. 2,751,791, 6-26-56, Cl. 74-254.
- Harris, Edward E.: *See*—  
Hickman, Kenneth C. D., and Harris. 2,748,151.
- Harris, Edward F. Vertically polarized high frequency antenna array. 2,750,589, 6-12-56, Cl. 343-827.
- Harris, Edward F. Helical antenna construction. 2,763,003, 9-11-56, Cl. 343-895.
- Harris, Edward H.: *See*—  
Hines, Lloyd Q., Sr., and Harris. 2,743,043.  
Hines, Lloyd Q., Sr., and Harris. 2,751,834.
- Harris, Edward, Jr.: *See*—  
Hickman, Kenneth C. D. 2,734,023.
- Harris, Edward L. Apparatus for handling corrosive acid substances. 2,756,129, 7-24-56, Cl. 23-259.
- Harris, Edward P.: *See*—  
Baker, Albert D., Muller, and Harris. 2,731,104.
- Harris, Edwin W., to Curtis Lighting, Inc. Lamp holder assembly. 2,765,397, 10-2-56, Cl. 240-31.11.
- Harris, Ellman, Inc.: *See*—  
Ellman, Samuel H. 2,747,242.
- Harris, Floyd H., to Bromo-Mint Co. Self-wrinking mop. 2,761,162, 9-4-56, Cl. 15-119.
- Harris, Frank O. Aerator bar for lawn rollers. 2,741,968, 4-17-56, Cl. 97-52.
- Harris, Frederic R., deceased, by F. B. Downs, M. S. Lobenthal, and M. P. Bloch, executors to Frederic R. Harris, Inc. Water-borne airplane terminal. 2,756,712, 7-31-56, Cl. 114-43.5.
- Harris, Frederic R., deceased, by F. B. Downs, M. S. Lobenthal, and M. P. Bloch, executors, to Frederic R. Harris, Inc. Water-borne airplane terminal. 2,761,409, 9-4-56, Cl. 114-43.5.

- Harris, Frederic R., deceased, by F. B. Downs, M. S. Lobenthal, and M. P. Bloch, executors, to Frederic R. Harris, Inc. Water-borne airplane terminal. 2,768,598, 10-30-56, Cl. 114-43.5.
- Harris, Frederic R., deceased, by F. B. Downs, M. S. Lobenthal, and M. P. Bloch, executors, to Frederic R. Harris, Inc. Water-borne airplane terminal. 2,768,599, 10-30-56, Cl. 114-43.5.
- Harris, Frederic R., deceased, by F. B. Downs, M. S. Lobenthal, and M. P. Bloch, executors, to Frederic R. Harris, Inc. Water-borne airplane terminal. 2,768,600, 10-30-56, Cl. 114-43.5.
- Harris, Frederic R., deceased, by F. B. Downs, M. S. Lobenthal, and M. P. Bloch, executors, to Frederic R. Harris, Inc. Water-borne airplane terminal. 2,774,322, 12-18-56, Cl. 114-46.
- Harris, Frederic R., deceased; M. S. Lobenthal, M. P. Bloch, and F. B. Downs, executors, of said F. R. Harris, to Frederic R. Harris, Inc. Method of erecting structures in water. 2,775,095, 12-25-56, Cl. 61-46.
- Harris, Frederic R., Inc.: See—  
Engstrand, Gunnar C. 2,740,367.
- Harris, Frederic R. 2,761,409.
- Harris, Frederic R. 2,768,598.
- Harris, Frederic R. 2,768,599.
- Harris, Frederic R. 2,774,322.
- Harris, Frederic R. 2,775,095.
- Harris, Frederic R., Downs, Lobenthal, and Bloch. 2,756,712.
- Quirin, Edward J. 2,732,818.
- Harris Foundry & Machine Co.: See—  
Thompson, Wallace M. 2,748,694.
- Harris, George C., to Hercules Powder Co. Triol of levopimaric acid-quinone adduct. 2,750,423, 6-12-56, Cl. 260-617.
- Harris, George M.: See—  
Krefft, Hermann E., Harris, and Koerbis. 2,763,803.
- Harris, Golon B.: See—  
Norment, Robert T., Dertinger, and Harris. 2,729,331.
- Harris, Guy H.: See—  
Fischback, Telegraph C., and Harris. 2,775,587.
- Harris, Guy H., and B. C. Fischback, to The Dow Chemical Co. Triethylamine salt of N-(2-thiazoyl)-dithiocarbamic acid. 2,764,593, 9-25-56, Cl. 260-306.8.
- Harris, Helen. Combination detachable brassiere, girdle, and the like. 2,768,581, 10-30-56, Cl. 2-42.
- Harris, James C., Jr., A. A. Caridis, and B. C. Kendall,  $\frac{1}{2}$  to Crown Zellerbach Corp., and  $\frac{1}{2}$  to Heat and Control, Inc. Apparatus and method for setting and drying moisture settable ink. 2,731,732, 1-24-56, Cl. 34-118.
- Harris, James L.: See—  
Kilby, William, and Harris. 2,768,051.
- Harris, James O., and W. P. Metzner, to Monsanto Chemical Co. Stabilization of a sulfur vulcanizable rubber with a mixture of 6- and 8-alkoxy dihydrotetraalkyl quinolines. 2,748,100, 9-25-56, Cl. 260-45.8.
- Harris, James S., to Radio Corp. of America. Pulsed oscillators. 2,741,701, 4-10-56, Cl. 250-36.
- Harris, James S., to Radio Corp. of America. Communication equipment. 2,760,122, 8-21-56, Cl. 317-101.
- Harris, James S., to Radio Corp. of America. Neutral-to-polar current conversion circuits. 2,770,677, 11-13-56, Cl. 178-70.
- Harris, James S., and C. W. Latimer, to Radio Corp. of America. Telegraph phase shifting equipment. 2,768,290, 10-23-56, Cl. 250-27.
- Harris, John C., Jr., to General Electric Co. Anti-icing device. 2,764,390, 9-25-56, Cl. 237-1.
- Harris, Joseph. Means for lubricating machinery. 2,751,044, 6-19-56, Cl. 184-3.
- Harris, Joseph H. Angle forming device. 2,758,380, 8-14-56, Cl. 33-137.
- Harris, Lawrence W., Jr., to Ames Harris Neville Co. Locator for bag closure tape. 2,731,998, 1-24-56, Cl. 150-11.
- Harris, Leonard B.: See—  
Wirth, Robert A. 2,755,717.
- Harris, Lesslie M. Safety glove. 2,737,663, 3-13-56, Cl. 2-161.
- Harris, Lorna B.: See—  
Nickerson, Elmer. 2,731,868.
- Harris Mfg. Co.: See—  
Bailey, Clifford D. 2,750,728.
- Witzel, Homer D. 2,742,298.
- Harris Products Co.: See—  
Thiry, Leon F., and Bradley. 2,774,620.
- Harris, Rhett G., to Texaco Development Corp. Processes employing homogenous mixture of inert adsorbent and substrate. 2,769,750, 11-6-56, Cl. 195-116.
- Harris, Richard A., M. Parker, and A. F. Carter, to The Forgrove Machinery Co. Ltd. Feeding of wrapping materials to wrapping machines and the like. 2,737,387, 3-6-56, Cl. 271-2.6.
- Harris, Robert L.: See—  
Corey, Albert E., and Harris. 2,739,042.
- Harris, Robert L. Adhesive applicator for tapes. 2,763,237, 9-18-56, Cl. 118-123.
- Harris, Robert L., and M. Lotherp, to Yuba Mfg. Co. Burner and combustion system. 2,734,560, 2-14-56, Cl. 158-4.
- Harris, Robert L., L. O. Pellinen, and M. Lotherp, to Yuba Mfg. Co. Water pump. 2,737,817, 3-13-56, Cl. 74-104.
- Harris, Samuel C.: See—  
Harris, Edgar L., and S. C. 2,751,791.
- Harris-Seybold Co.: See—  
Adriansen, John R., and Cochran. 2,773,231.
- Davis, Noel. 2,745,343.
- Johnson, Thomas H. 2,765,165.
- Johnson, Thomas H., and Mueller. 2,764,936.
- Johnson, Thomas H., and Mueller. 2,775,198.
- Norton, Robert K. 2,775,197.
- Spiller, William R. 2,765,166.
- Spiller, William R., and West. 2,734,577.
- Spiller, William R., and West. 2,767,688.
- Stobbs, Anton R. 2,764,087.
- Wood, James R. 2,746,312.
- Wood, James R. 2,773,445.
- Wood, William H. 2,760,432.
- Wood, William H., and Pritchard. 2,761,382.
- Wood, William H., and Pritchard. 2,753,796.
- Harris, Thomas A., to Joseph Lucas Ltd. Means for synchronizing the speeds of a pair of aircraft engines to which fuel is supplied by pumps and air by blowers. 2,769,306, 11-6-56, Cl. 60-39.15.
- Harris, Thomas A., O. N. Lawrence, and E. H. Warne, to Joseph Lucas (Industries) Ltd. Liquid fuel control means. 2,759,832, 8-21-56, Cl. 158-36.4.
- Harris, Thomas A., O. N. Lawrence, and E. H. Warne, to Joseph Lucas (Industries) Ltd. Liquid fuel control means. 2,769,488, 11-6-56, Cl. 158-36.4.
- Harris, Tony M. Food service plate. 2,764,005, 9-25-56, Cl. 6-15.
- Harris Transducer Corp.: See—  
Harris, Wilbur T. 2,749,532.
- Harris, Wilbur T. 2,756,405.
- Harris, Wilbur T. 2,758,203.
- Harris, Wilbur T. 2,761,077.
- Harris, Wilbur T. 2,767,338.
- Harris Trust and Savings Bank: See—  
Berquist, Frank H. 2,765,810.
- Lamar, Charles C. 2,765,809.
- Lamar, Charles C. 2,770,253.
- Harris, Velma C. Pre-filter for use in refining. 2,774,006, 7-10-56, Cl. 210-187.
- Harris, Wilbur E.: See—  
Langer, Francis, and Harris. 2,736,921.
- Harris, Wilbur T. to The Harris Transducer Corp. Hydrophone. 2,749,532, 6-5-56, Cl. 340-11.
- Harris, Wilbur T. to The Harris Transducer Corp. Variable-position transducer. 2,756,405, 7-24-56, Cl. 340-8.
- Harris, Wilbur T. to The Harris Transducer Corp. Sonobuoy. 2,758,203, 8-7-56, Cl. 250-17.
- Harris, Wilbur T. to The Harris Transducer Corp. Magnetostrictive ceramic transducer. 2,761,077, 8-28-56, Cl. 310-26.
- Harris, Wilbur T. to The Harris Transducer Corp. Magneto-elastic transducer. 2,767,338, 10-16-56, Cl. 310-26.
- Harris, William C., to S. C. Johnson & Son, Inc. Household appliance for treating floors. 2,739,333, 3-27-56, Cl. 15-231.
- Harris, William H. Crumb cleaner. 2,756,456, 7-31-56, Cl. 15-344.
- Harrison, Bertram M. to Raytheon Mfg. Co. Recording depth sounder. 2,729,803, 1-3-56, Cl. 340-3.
- Harrison, Charles H.: See—  
Fowler, Floyd, and Harrison. 2,750,151.
- Harrison, Charles R. Framework for Christmas tree lighting. 2,734,709, 2-14-56, Cl. 248-168.
- Harrison, Charles W.: See—  
Pearce, Herbert, and Harrison. 2,771,556.
- Harrison, Charles W., and G. Nielsen, Jr., to Bell Telephone Laboratories, Inc. Power amplifier for television. 2,771,517, 11-20-56, Cl. 179-171.
- Harrison, Desmond: See—  
Anderson, William A. 2,748,245.
- Harrison, Dewey L. Slotted frame construction for rotary printing press. 2,730,044, 1-10-56, Cl. 101-181.
- Harrison, Edwin T., to American Mfg. Co., Inc. Method and mechanism for roll handling. 2,740,474, 4-3-56, Cl. 164-84.
- Harrison, Gaines W. Loader forks. 2,730,250, 1-10-56, Cl. 214-131.
- Harrison, George, to The Thrissell Engineering Co. Ltd. Driving devices for rollers such as printing cylinders. 2,739,488, 3-27-56, Cl. 74-395.
- Harrison, Henry C., to Bell Telephone Laboratories, Inc. Electrical key. 2,775,662, 12-25-56, Cl. 200-1.
- Harrison, Homer S., to Allied Steel and Conveyors, Inc. Conveyor transfer mechanism. 2,731,127, 1-17-56, Cl. 198-20.
- Harrison, Howard R., to General Electric Co. Dual axis rotatable blade switch. 2,741,672, 4-10-56, Cl. 200-48.
- Harrison, James A. Machine for cleaning pipettes, petri dishes, and other articles. 2,734,518, 2-14-56, Cl. 134-56.
- Harrison, James A., and M. Troisi. Plug for test tubes and the like, and method and machine for making and inserting plugs. 2,764,860, 10-2-56, Cl. 53-41.
- Harrison, John B., to Dwyer Corp. Combined load-equalizing and safety device for lifts. 2,750,004, 6-12-56, Cl. 187-8.5.
- Harrison, John B., to Dover Corp. Truck dock ramp. 2,774,492, 12-18-56, Cl. 214-38.
- Harrison, John B., and G. A. Rowls, to General Motors Corp. Battery grid. 2,756,269, 7-24-56, Cl. 136-39.
- Harrison, John B., and G. A. Rowls, to General Motors Corp. Battery structure. 2,774,805, 12-18-56, Cl. 136-79.
- Harrison, John F., to The Buffalo-Springfield Roller Co. Trench rollers. 2,760,751, 6-19-56, Cl. 61-63.



- Harrison, John F., to The Buffalo-Springfield Roller Co. Road rollers. 2,753,772, 7-10-56, Cl. 94-50.
- Harrison, John F., to The Buffalo-Springfield Roller Co. Three-axle rollers. 2,755,713, 7-24-56, Cl. 94-50.
- Harrison, John O., to Dealers Tire Service, Inc. Vehicle tire. 2,770,279, 11-13-56, Cl. 152-209.
- Harrison, John W., to Westinghouse Electric Corp. Electric immersion heater. 2,769,891, 11-6-56, Cl. 219-38.
- Harrison, Jolly K., to Tractor mounted hydraulic loader. 2,763,385, 9-18-56, Cl. 214-142.
- Harrison, Kenneth W., and M. Simons, to Telephone Mfg. Co. Ltd. Mounting arrangements for electrical apparatus. 2,740,944, 4-3-56, Cl. 339-192.
- Harrison, Marvin E., to See—
- Bourne, Marian E., and Harrison. 2,756,777.
- Harrison, Paul E., to See—
- Porch, Arthur E., and Harrison. 2,772,819.
- Harrison, Ralph J., to the United States of America as represented by the Secretary of the Navy. Wave-guide directional coupler. 2,731,601, 1-17-56, Cl. 333-10.
- Harrison, Roland, and P. Keppele, to Kool Vent Metal Awning Corp. of America. Awning louvre fastener. 2,734,236, 2-14-56, Cl. 20-57.5.
- Harrison, Stuart A., to General Mills, Inc. Phosphite esters as esterification catalysts. 2,729,660, 1-3-56, Cl. 260-410.6.
- Harrison, Stuart A., to General Mills, Inc. Copolymers of phenolic resin esters and compounds containing a vinylbenzene nucleus. 2,731,428, 1-17-56, Cl. 260-19.
- Harrison, Stuart A., and K. E. McCaleb, to General Mills, Inc. Dimeric fatty acids. 2,731,481, 1-17-56, Cl. 260-410.6.
- Harrison, Thomas R., to Minneapolis-Honeywell Regulator Co. Measuring apparatus for the degree of supersaturation of solutions. 2,749,745, 6-12-56, Cl. 73-53.
- Harrison, Walter D., to See—
- Dyer, John B., and Harrison. 2,748,612.
- Harrison, William L., to Teddington Aircraft Controls Ltd. Fluid flow control valves. 2,734,529, 2-14-56, Cl. 137-82.
- Harrison, Walter M., to Teddington Aircraft Controls Ltd. Mixing valves. 2,772,695, 12-4-56, Cl. 137-625.4.
- Harrison, William C. Spark plug cleaner. 2,737,675, 3-13-56, Cl. 15-104.01.
- Harrison, Willard H. Color stereo system and attachment. 2,751,826, 6-26-56, Cl. 95-18.
- Harrison, William L. Fish holding device. 2,741,061, 4-10-56, Cl. 43-53.5.
- Harrison, William S. Severable seam boots. 2,755,566, 7-24-56, Cl. 36-47.
- Harrison, William V., to Borg-Warner Corp. Transmission control system. 2,753,732, 7-10-56, Cl. 74-472.
- Harrold, Marshall C., to General Motors Corp. Electrical apparatus. 2,758,176, 8-7-56, Cl. 200-136.
- Harrold, Marshall C., and H. A. Wheeler, to General Motors Corp. Refrigerant expansion control. 2,769,312, 11-6-56, Cl. 62-3.
- Harprow, Clifford B., to International Harvester Co. Cultivator clamp. 2,761,368, 9-4-56, Cl. 97-47.84.
- Harrow, Keith, to See—
- Hedquist, Milton T., Harrow, Mayhew, Van De Sempel, and Ray. 2,766,674.
- Harrow, W. W., and C. F. Wagner, to Marvel Industries, Inc. Ball and socket type vehicle coupling. 2,732,222, 1-24-56, Cl. 280-512.
- Harrow, William H., to See—
- Hart, Don, H. G., Senkowski, and Harrow. 2,735,416.
- Harrowe, Elliott D., to Ideal Toy Corp. Inflatable toy device. 2,731,768, 1-24-56, Cl. 64-87.
- Harrowe, Elliott D., to Ideal Toy Corp. Container for packaging and inflating pneumatic articles. 2,741,360, 4-10-56, Cl. 206-47.
- Harry, Charles H., and J. S. Attinello, to the United States of America as represented by the Secretary of the Navy. Acceleration responsive optical axis depressor. 2,766,667, 10-16-56, Cl. 95-12.5.
- Harry, Charles H., and J. S. Attinello, to the United States of America as represented by the Secretary of the Navy. Automatic depressor of the optical axis of a gun camera. 2,766,668, 10-16-56, Cl. 95-12.5.
- Harry, William R., to See—
- Van Ryan, Anthony, and Harry. 2,734,972.
- Harry, William R., to McGraw Electric Co. Circuit interrupter. 2,734,961, 2-14-56, Cl. 200-89.
- Harry, William R., to Bell Telephone Laboratories, Inc. Multivibrator circuit. 2,735,009, 2-14-56, Cl. 250-36.
- Harsh, Harold C., to General Aniline & Film Corp. Method of producing duplicate color positives by means of a color negative. 2,760,862, 8-28-56, Cl. 95-12.5.
- Harsh, Victor L. Lawn tool. 2,749,693, 6-12-56, Cl. 53-24.
- Harshaw Chemical Co., The, to See—
- Benjamin, Harry. 2,741,452.
- Blaine, Thomas. 2,745,801.
- Gianelos, Louis. 2,773,819.
- Morris, William C. 2,748,093.
- Moy, Paul W., and Du Rose. 2,737,818.
- Shenk, Wilbur J., Jr. 2,757,133.
- Shenk, Wilbur J., Jr. 2,766,284.
- Harstick, William H., to International Harvester Co. Compression disk assembly for power washing clean separators. 2,738,923, 3-20-56, Cl. 233-41.
- Harstick, William H., to International Harvester Co. Centrifugal speed governor. 2,775,665, 12-25-56, Cl. 200-80.
- Harstick, William H., F. G. Hodson, and H. W. Hein, to International Harvester Co. Pipe-line assembly and coupling means therefor. 2,769,647, 11-6-56, Cl. 285-31.
- Hart, Angus. Front wheel mounting for tractors. 2,750,199, 9-12-56, Cl. 280-93.
- Hart-Carter Co., to See—
- Long, Arthur R. 2,751,799.
- Hart, Charles H. Air-hydraulic booster. 2,765,625, 10-9-56, Cl. 60-54.6.
- Hart, Claude W., to Seymour Mfg. Co. Hinge and stop provisions for hand operated implements or tools. 2,735,112, 2-21-56, Cl. 294-50.5.
- Hart, David L., to See—
- Griset, Ernest J., Jr., and Hart. 2,734,333.
- Hart, Elmer J. Saw driver having a disc shaped bit. 2,750,976, 6-19-56, Cl. 145-50.
- Hart, Frank A. Ratchet actuated pipe bending tool. 2,732,743, 1-31-56, Cl. 81-15.
- Hart, Fred V., to United Shoe Machinery Corp. Clutches. 2,743,802, 5-1-56, Cl. 192-27.
- Hart, Hal L., to Standard Oil Co. Method and apparatus for hydrocarbon alkylation. 2,768,987, 10-30-56, Cl. 260-683.4.
- Hart, Harold W. Automatic flexible conveyor poultry feeder. 2,738,765, 3-20-56, Cl. 119-52.
- Hart, Harold W. Automatic flexible conveyor poultry feeder. 2,738,766, 3-20-56, Cl. 119-52.
- Hart, Harold W. Flexible conveyors in troughs and tubes. 2,762,495, 9-11-56, Cl. 198-176.
- Hart, Harry, to See—
- Lavin, Esther. 2,760,539.
- Hart, Harry H., to See—
- Sweem, Leo F. 2,747,387.
- Hart, Harry J. Slicing and storing device. 2,737,721, 3-13-56, Cl. 31-20.
- Hart, Hubert E., S. C. Boyce, and B. C. Garneau; said Garneau assor. to said Hart and said Boyce. Boat haulout and launching device. 2,754,017, 7-10-56, Cl. 214-505.
- Hart, John A. H. Moisture measuring apparatus. 2,759,149, 8-14-56, Cl. 324-65.
- Hart Mfg. Co., The, to See—
- Boardman, Raymond H. 2,743,427.
- Boardman, Raymond H. 2,774,852.
- Miller, Edward E. 2,730,686.
- Hart, Norman E., to Toledo Scale Co. Bearing thrust adjustment. 2,731,309, 1-17-56, Cl. 308-178.
- Hart, Norman E., to Toledo Scale Co. Weighing scale housing support. 2,738,184, 3-13-56, Cl. 265-27.
- Hart, Robert E., E. B. Robinson, to Toledo Scale Co. Reciprocating feed device for printing apparatus. 2,762,300, 9-11-56, Cl. 101-227.
- Hart, Porter, to The Dow Chemical Co. Automatic control of concentrating evaporators. 2,748,849, 6-5-56, Cl. 159-44.
- Hart, Raymond G., to See—
- Chesley, Louis C., Jr., and Hart. 2,729,611.
- Hart, Richard H. Parachute. 2,746,699, 5-22-56, Cl. 244-145.
- Hart, Robert T., to S. D. Warren Co. Method of cast calendering paper. 2,769,725, 11-6-56, Cl. 117-64.
- Hart, Robert W. Signal detector. 2,750,665, 1-10-56, Cl. 318-128.
- Hart, Robert W. Signal comparator. 2,751,572, 6-19-56, Cl. 340-6.
- Hart, Una L., to See—
- Peter, Henry, and Hart. 2,760,977.
- Hart, Walter S., Jr. to F. Wilkins. Packing apparatus. 2,757,503, 8-7-56, Cl. 53-391.
- Hartbauer, Ellsworth A., to See—
- Engleson, Harry E., and Hartbauer. 2,746,222.
- Hartenberg, I. L., to See—
- Morgan, Porter S. 2,735,326.
- Morgan, Porter S. 2,768,664.
- Hartenstein, Albert L., to American Pipe and Construction Co. Runner ring. 2,754,563, 7-17-56, Cl. 25-126.
- Harter, Arthur H., Jr., to Illinois Powder Mfg. Co. Explosive cartridge assembly. 2,755,735, 7-24-56, Cl. 102-24.
- Harter, Clair, to Flex-O-Glass, Inc. Sheet guiding apparatus. 2,757,703, 8-7-56, Cl. 153-2.
- Harter, Clair M., to Pacific Wire Works Co. Wire-weaving machine. 2,737,208, 3-6-56, Cl. 139-28.
- Harter, Edgar W., to The Babcock & Wilcox Co. Continuous casting mold. 2,769,218, 11-6-56, Cl. 22-57.2.
- Harter, Isaac, Jr., to See—
- Hubbard, Norman. 2,738,721.
- Harter, Isaac, Jr., Harter, Jr., and T. W. Ratcliffe, to The Babcock & Wilcox Co. Continuous casting mold. 2,767,448, 10-28-56, Cl. 22-57.2.
- Harter, Isaac, I. Harter, Jr., T. W. Ratcliffe, and F. W. Armstrong, Jr., to The Babcock & Wilcox Co. Continuous casting mold. 2,769,218, 11-6-56, Cl. 22-57.2.
- Harter, Isaac, Jr., to See—
- Harter, Isaac, I. Harter, Jr., Ratcliffe, and Armstrong. 2,769,218.
- Harter, Isaac, Jr., and T. W. Ratcliffe, to The Babcock & Wilcox Co. Method of and apparatus for continuous casting. 2,770,021, 1-13-56, Cl. 22-57.2.
- Harter, Paul, to Eastman Kodak Co. Folding camera construction. 2,759,405, 8-21-56, Cl. 95-32.
- Harter, Paul A., to Warner Electric Brake & Clutch Co. Magnetic clutch with stationary winding. 2,729,318, 1-3-56, Cl. 192-84.

- Harter, Robert L., to Trabon Engineering Corp. Piston for divisional feeder. 2,742,924, 4-24-56, Cl. 137—625.42.
- Harter, Robert L., to Trabon Engineering Corp. Lubricating system and reverser therefor. 2,766,847, 10-16-56, Cl. 184—7.
- Harter, Robert R.: See—
- Faust, Killwood L., and Harter. 2,743,801.
- Faust, Ellwood L., and Harter. 2,754,032.
- Morris, David M., and Harter. 2,738,969.
- Hartford National Bank and Trust Co.: See—
- Addink, Claudius C. J. 2,740,031.
- Alink, Roelof J. H., Jaspers, and Van Rijssel. 2,758,943.
- Anderson, Charles H. J., and van Werd. 2,751,569.
- Apoix, Marcel, and Droche. 2,745,979.
- Bailey, Christopher E. G., and Paul. 2,745,064.
- Beers, Gerardus M. P. A. 2,747,144.
- Bemelmans, Alfons F. 2,765,268.
- Berggren, Detlof E. 2,775,496.
- Bergmans, Jan, and van Heuven. 2,745,623.
- Beukema, Jan J., and Camphuis. 2,760,000.
- Birkbeck, Guy. 2,740,064.
- Bisterfeld, Karl A. 2,749,423.
- Bitter, Franz H., and Bisterfeld. 2,736,834.
- Blok, Lourens. 2,751,502.
- Blok, Lourens. 2,756,314.
- Blok, Lourens. 2,768,270.
- Blok, Lourens, Starre, Zwaneburg, and de Ruiter. 2,773,192.
- Blok, Lourens, and van Iperen. 2,751,481.
- Böhme, Karl. 2,733,377.
- Boldingh, Willem H., Hardenberg, Oosterkamp, and Verhoeft. 2,751,504.
- Bordewijk, Jan L., Lansu, and Winkel. 2,775,655.
- Botden, Theodor Peter J., Teves, Tol, and de Boer. 2,748,304.
- Bourgonjon, Louis R. 2,775,703.
- Boutry, Georges A., and Pietri. 2,754,442.
- Brack, Dirk J. 2,756,328.
- Brack, Dirk J., Lier, and Romeijn. 2,773,176.
- Bril, Alfred, Klases, and Zalm. 2,770,749.
- Brouwer, Pieter H. J. 2,735,028.
- Bruilning, Hugo G. 2,730,650.
- Bruilning, Hugo G. 2,738,800.
- Bruilning, Hugo G. 2,752,500.
- Bügel, Roelof D. 2,743,841.
- Cluven, Johannes M. 2,769,870.
- Crowther, Gerald O., and Light. 2,775,723.
- De Boer, Johannes B. 2,762,905.
- De Boer, Sjoerd, and Winkel. 2,760,009.
- De Gier, Johannes, and Peper. 2,730,643.
- De Gier, Johannes, and Peper. 2,758,942.
- De Jager, Frank. 2,745,063.
- De Jong, Frans H., and van Rheenen. 2,775,735.
- De Jonge, Jelis, Jonker, Keuning, and Dippel. 2,764,484.
- De Kroes, Jan L., and Heetman. 2,775,726.
- De Lange, Leendert. 2,764,879.
- De Ruiter, Jacob W. 2,773,190.
- Diemer, Gesinus. 2,733,303.
- Diemer, Gesinus. 2,754,447.
- Diemer, Gesinus, and Joormann. 2,755,457.
- Dijkgraaf, Hermannes. 2,761,116.
- Dijkstra, Rinse. 2,745,816.
- Dijkstra, Rinse, and de Jonge. 2,735,838.
- Dippel, Cornelis J., and Houtman. 2,735,773.
- Dippel, Cornelis J., and Jonker. 2,750,292.
- Dorgelo, Eduard G. 2,751,521.
- Dorgelo, Eduard G. 2,753,482.
- Droin, Roger G. 2,739,289.
- Dros, Albert A., Yzer, and Hellingman. 2,746,241.
- Dros, Aris. 2,770,712.
- Dunker, Simon. 2,773,198.
- Edens, Jan W., and Stok. 2,737,580.
- Elenbaas, Willem, Kolkmann, and Hurx. 2,739,261.
- Elings, Garnt A. 2,769,910.
- Ensink, Johannes. 2,752,497.
- Ensink, Johannes. 2,775,647.
- Ensink, Johannes, and Hermes. 2,760,073.
- Franchen, Jan C. 2,774,909.
- Franchen, Jan C., and Schagen. 2,760,106.
- Gentry, Charles H. R., Gollin, and Herzfeld. 2,748,033.
- Gorter, Evert W. 2,751,353.
- Gorter, Evert W., Rathenau, and Stuyts. 2,762,778.
- Greefkes, Johannes A., de Jager, and van Tilburg. 2,744,959.
- Greefkes, Johannes A., de Jager, and Van Tilburg. 2,760,003.
- Greefkes, Johannes A., and van Tilburg. 2,744,960.
- Groendijk, Hendrik. 2,733,379.
- Groendijk, Hendrik, Rodenhuis, and Bruijsten. 2,740,063.
- Grosjean, Johan A. 2,730,642.
- Grosjean, Johan A. 2,775,646.
- Haayman, Pieter W., Bol, Romeyn, and Verwey. 2,735,824.
- Haayman, Pieter W., van der Linden, Veeneman, and Janssen. 2,772,190.
- Halberstadt, Johan. 2,745,718.
- Heetman, Alphonsus, and De Kroes. 2,760,001.
- Hehenkamp, Theodorus. 2,748,344.
- Hehenkamp, Theodorus, and Moerkens. 2,763,810.
- Hekelaar, Maarten. 2,751,525.
- Heilings, Simon J., and Krienen. 2,730,621.
- Hepp, Gerard. 2,764,695.
- Hess, Karl W. 2,730,659.
- Hiller, Everett O. 2,771,630.
- Hiller, Everett O. 2,771,631.
- Hartford National Bank and Trust Co.: See—Continued
- Honing, Wilhelm, and Winberg. 2,740,281.
- Hugenholz, Eduard H. 2,736,803.
- Hugenholz, Eduard H. 2,736,333.
- Hugenholz, Eduard H. 2,773,188.
- Hugenholz, Eduard H. 2,773,241.
- Hugenholz, Eduard H., and Mantz. 2,760,072.
- Huisman, Hendrikus G. 2,741,878.
- Huizenga, Foppe A., and Uiterwijk. 2,762,869.
- Hurx, Adrianus A. 2,748,309.
- Jansen, Geurt. 2,770,330.
- Janssen, Peter J. H. 2,730,622.
- Janssen, Peter J. H. 2,730,633.
- Janssen, Peter J. H. 2,760,110.
- Janssen, Peter J. H. 2,768,325.
- Janssen, Peter J. H. 2,773,121.
- Janssen, Peter J. H. 2,773,189.
- Jongsma, Jan. 2,760,692.
- Jonker, Hendrik, Alink, and van Rijssel. 2,738,272.
- Jonker, Johan L. H., and Diemer. 2,775,690.
- Jonkers, Cornelius O., and de Lange. 2,770,109.
- Jonkers, Cornelius O., Kohler, Liebe, and van der Ster. 2,771,751.
- Jurriaanse, Tom, and Horseling. 2,733,372.
- Kielenstijn, Hendrikus. 2,762,990.
- Klinkhamer, Jacob F. 2,730,633.
- Klinkhamer, Jacob F. 2,736,395.
- Klopping, Carel P. 2,760,000.
- Knol, Kornelis S., and de Vries. 2,775,739.
- Köhler, Jacob W. L. 2,734,354.
- Köhler, Jacob W. L. 2,745,262.
- Köhler, Jacob W. L. 2,747,127.
- Köhler, Jacob W. L., and Schaaijk. 2,750,765.
- Kolkman, Dirk. 2,733,368.
- Kolkman, Dirk, and de Visser. 2,743,308.
- Kruijsen, Frank. 2,763,782.
- Kruger, Ferdinand A., and Van Den Boomgaard. 2,750,344.
- Kuijvenhoven, Leendert M., and Westertorp. 2,734,902.
- Lahaye, Eugene L. 2,757,346.
- Leblans, Leopold M. L. J. 2,754,712.
- Leunens, Hendrikus J., Jansen, Haayman, and van der Linden. 2,737,607.
- Le Poole, Jan B. 2,749,464.
- Light, Leon H. 2,752,555.
- Lips, Eduard M. H., and Wiegersma. 2,734,243.
- Loosjes, Robert. 2,747,127.
- Lubben, Gerrit J. 2,736,798.
- Mann, Ernö. 2,736,842.
- Mantz, Marius R. 2,730,615.
- Martens, Günter. 2,752,496.
- Martens, Günter. 2,775,704.
- McCallister, Edward S., and Woznica. 2,748,202.
- Meier, Nicholas F. 2,730,471.
- Meijer, Barend M. 2,735,056.
- Meijer, Barend M. 2,741,115.
- Meijer, Roelf J., and Peters. 2,762,668.
- Moerkens, Jozef C. 2,760,118.
- Moerkens, Jozef C., and Hehenkamp. 2,752,557.
- Moerkens, Gerard. 2,770,753.
- Müllers, Josef. 2,770,029.
- Mollers, Josef, and Seidel. 2,772,186.
- Mulder, Harm H. 2,763,734.
- Müller, Friedrich W. 2,744,583.
- Müller, Friedrich W. 2,765,943.
- Neeteson, Pieter A. 2,738,804.
- Nienhuis, Kornelis. 2,766,397.
- Ober, Willy, and Fortuyn. 2,749,485.
- Oosterkamp, Wibe J. 2,736,833.
- Peek, Johannes J. A. 2,744,961.
- Peper, Jan. 2,751,515.
- Perilhou, Jean R., and Jonker. 2,748,313.
- Perilhou, Jean R., and Jonker. 2,774,814.
- Perilhou, Jean R., Jonker, and Juergens. 2,736,837.
- Perilhou, Jean R., Jonker, and Juergens. 2,736,890.
- Poldervaart, Leendert, Janssen, and Gits. 2,773,182.
- Rademakers, Adriaan, and Bruilning. 2,774,935.
- Rathenau, Gerhart W. 2,762,898.
- Rathenau, Gerhart W., Roosdorp, and Cluven. 2,756,595.
- Reiniger, Friedrich. 2,745,298.
- Reyn, Jan D. 2,765,481.
- Reynst, Maximilien F., and de Beer. 2,774,896.
- Richter, Gustav R. 2,752,433.
- Robinson, Norman W. 2,758,241.
- Robinson, Norman W., Turpie, and Hutchinson. 2,757,310.
- Rongen, Jacobus J., and Uijtens. 2,773,135.
- Roosdorp, Hermanus J. 2,755,421.
- Rothschild, Siegfried. 2,729,606.
- St. Leger Montague, Bryan W. 2,752,525.
- Schagen, Pieter. 2,730,653.
- Schagen, Pieter. 2,736,767.
- Scholten, Jacob W., and Fennis. 2,768,851.
- Six, Willem. 2,730,658.
- Six, Willem, and Domburg. 2,739,265.
- Six, Willem, and Domburg. 2,757,307.
- Six, Willem, and Domburg. 2,763,722.
- Slegers, Paulus A. W. M. 2,765,452.
- Smits, Hubertus J. 2,775,131.
- Speekman, Bernardus W. 2,751,318.
- Teves, Marten C., and Tol. 2,757,293.
- Teves, Marten C., and Tol. 2,760,882.
- Th Wink, Jan. 2,752,578.
- Thurp, Gunnar. 2,736,865.



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- Tosswill, Christopher H. 2,736,840.  
 Tosswill, Christopher H. 2,740,066.  
 Tosswill, Christopher H. 2,740,072.  
 Tosswill, Christopher H. 2,745,988.  
 Uijtens, Abraham G. W. 2,768,288.  
 Valetton, Josue J. P., Hardt, and van der Poel. 2,775,716.  
 Valetton, Josue J. P., Schenau, and Lubben. 2,748,336.  
 Van, Abo, Henri H., and Uijtens. 2,773,178.  
 Van Bergen, Jan A. 2,762,947.  
 Van de Lindt, Willem J. 2,768,356.  
 Van de Polder, Leendert J. 2,748,281.  
 Van der Lee, Albertus. 2,775,292.  
 Van der Willigen, Paul C. 2,730,465.  
 Van der Willigen, Paul C. 2,755,164.  
 Van De Wiel, Alfred. 2,748,317.  
 van Dorsten, Adrianus C., and Verhoef. 2,730,297.  
 Van Embden, Hendrik J. M. 2,769,252.  
 Van Gelder, Zeger. 2,755,411.  
 Van Gelder, Gozewijn, and Vervest. 2,769,963.  
 Van Heuven, Engelbert W. 2,762,909.  
 Van Hofweegen, Johannes M. 2,768,293.  
 Van Iperen, Bernardus B. 2,754,448.  
 Van Iperen, Dirk C. 2,759,085.  
 Van Iperen, Dirk C. 2,765,389.  
 Van Overbeek, Adrianus J. W. M. 2,760,067.  
 Van Overbeek, Adrianus J. W. M. 2,762,916.  
 Van Overbeek, Adrianus J. W. M. 2,768,294.  
 Van Overbeek, Adrianus J. W. M. 2,775,705.  
 Van Overbeek, Adrianus J. W. M., and Jonker. 2,754,375.  
 Van Rijssel, Tis W., Houtman, and Jonker. 2,733,144.  
 Van Suchtelen, Harold. 2,772,862.  
 Van Tol, Hendrikus J. M. 2,736,835.  
 Van Weel, Adelbert. 2,745,003.  
 Van Weel, Adelbert. 2,752,566.  
 Van Weel, Adelbert. 2,760,002.  
 Van Zeist, Johann J. 2,733,657.  
 Veenemans, Cornelis F. 2,743,808.  
 Verhoef, Adrianus. 2,745,966.  
 Verhoef, Adrianus, and de Vries. 2,741,260.  
 Vervest, Wilhelmus L., van Gelder, and Waarle. 2,770,130.  
 Vervest, Jan. 2,749,477.  
 Waarle, Godfried H., and Vervest. 2,754,690.  
 Warmoltz, Nicolaas. 2,748,291.  
 Warmoltz, Nicolaas. 2,749,468.  
 Warmoltz, Nicolaas. 2,769,911.  
 Weigel, Kurt, and Verse. 2,775,102.  
 Weigel, Kurt, and Verse. 2,775,709.  
 Wenke, Jan W. G. 2,741,170.  
 Went, Jan J., Van Oosterhout, and Gorter. 2,762,777.  
 Went, Jan J., and Verlinde. 2,730,681.  
 Went, Jan J., and Vermeulen. 2,750,658.  
 Went, Jan J., and Verse. 2,775,172.  
 White, Ezekiel F. 2,768,743.  
 Wijchman, Jan. 2,746,692.  
 Wijlemse, Theo W. 2,745,052.  
 Zalm, Pieter, Brill, and Klasens. 2,754,444.
- Hartford Specialty Machinery Co., The: *See*—  
 Johnson, Clarence. 2,733,273.
- Hartford, Winslow H., to Allied Chemical & Dye Corp. Composition of alcohol and lithium chromate. 2,764,553, 9-25-56, Cl. 252-74.
- Hartford City Paper Co.: *See*—  
 Hedstrom, Olof H. 2,755,213.
- Hartig, Donald H. Fish lure. 2,750,702, 6-19-56, Cl. 43-42.17.
- Harting, Wesley A. Regeneration system for water softening plant. 2,744,868, 5-8-56, Cl. 210-24.
- Hartl, Max. Safety seat construction for vehicles. 2,736,566, 2-28-56, Cl. 280-29.
- Hartle, Louis J., to Amsler Morton Corp. Soaking pit curb. 2,744,479, 5-8-56, Cl. 110-181.
- Hartle, Robert J., and G. W. Kinzer, to American Bosch Arma Corp. Polyiodinated benzotrifluorides. 2,744,941, 5-8-56, Cl. 260-651.
- Hartley, Arthur C., to Johnson & Phillips Ltd. Apparatus for holding, braking or winding cables, hawsers, threads or the like. 2,756,872, 7-31-56, Cl. 203-40.
- Hartley, Arthur C., and R. J. Ashby, to Johnson & Phillips Ltd. Apparatus for laying submarine cables. 2,756,873, 7-31-56, Cl. 209-40.
- Hartley, George C.: *See*—  
 Bray, Frederick H., Knight, and Hartley. 2,774,820.  
 Wright, Esmond P. G., Hartley, Weir, and Rice. 2,744,159.
- Hartley, Gilbert S., to Pest Control Ltd. Method and means for introducing a predetermined amount of a poisonous material beneath the surface of the soil. 2,759,300, 8-21-56, Cl. 47-58.
- Hartley, Henry J., and C. S. Rankin, to Pacific Foundry Co., Ltd. Incinerator. 2,744,477, 5-8-56, Cl. 110-8.
- Hartley, Lloyd S., and R. A. Newton, to General Electric Co. Apparatus for coating cathode ray tube bulbs. 2,763,233, 9-18-56, Cl. 118-11.
- Hartley, Nelson, to Hayco Controls Corp. Variable batch measuring system. 2,742,201, 4-17-56, Cl. 222-40.
- Hartlmaier, Willibald. Tile panel. 2,741,909, 4-17-56, Cl. 72-23.
- Hartman, Albert E. Spinning toys. 2,767,514, 10-23-56, Cl. 46-71.
- Hartman Co.: *See*—  
 Ritter, Julius P., Jr. 2,746,581.
- Hartman, Frank W., Jr., to Holley Carburetor Co. Circuit breaker arm. 2,740,853, 4-3-56, Cl. 200-30.
- Hartman, Fred W.: *See*—  
 De Puy, James R., Hartman, Jones, and Klein. 2,753,671.
- Hartman, Herbert L., to The General Industries Co. Plural-speed drive mechanisms for phonograph turntables. 2,746,306, 5-22-56, Cl. 74-149.
- Hartman, Joseph G.: *See*—  
 Nessler, Aldo E., and Hartman. 2,774,140.
- Hartman, Philip S.: *See*—  
 King, Kenneth J., and Hartman. 2,749,175.
- Hartmann, Robert F., E. H. Lynch, and L. P. Elliott, to California Research Corp. Method for the recovery of hydrocarbon vapors. 2,765,872, 10-9-56, Cl. 183-115.
- Hartmann, William W. Feed mechanism for bread slicing machine. 2,759,510, 8-21-56, Cl. 146-153.
- Hartmann, Adolph E. Combined picture frame and storage file. 2,737,745, 3-13-56, Cl. 40-158.
- Hartmann & Braun Aktiengesellschaft: *See*—  
 Endlich, Friedrich, and Hufbauer. 2,751,524.
- Hartmann, Carl E.: *See*—  
 Holub, Edward M., and Hartmann. 2,754,234.
- Hartmann, Eric, to The Porter-Cable Machine Co. Dove-tail template. 2,764,191, 9-25-56, Cl. 144-87.
- Hartmann, Eric, to The Porter-Cable Machine Co. Earth conditioning apparatus. 2,774,292, 12-18-56, Cl. 97-43.
- Hartmann, Eric, and W. A. Papworth, to Porter-Cable Machine Co. Portable power operated saw. 2,765,824, 10-9-56, Cl. 143-159.
- Hartmann, Harry: *See*—  
 D'Alberti, Michael, and Hartmann. 2,764,544.
- Hartmann, Leonhard T., and F. Wethly, to Allied Chemical & Dye Corp. Gas-liquid contact process and apparatus. 2,750,173, 6-12-56, Cl. 261-111.
- Hartmann Mfg. Co.: *See*—  
 Hartmann, Philip. 2,765,750.
- Hartmann, Philip, to Hartmann Mfg. Co. Fluid pump or motor. 2,765,750, 10-9-56, Cl. 103-138.
- Hartmann, Wilhelm: *See*—  
 Becker, Rudolf, and Hartmann. 2,737,784.
- Hartmann, William A., to Phillips Petroleum Co. Dew point tester. 2,758,470, 8-14-56, Cl. 73-17.
- Hartmeister, Ruben J.: *See*—  
 Thompson, Roy F., and Hartmeister. 2,762,242.
- Hartner, Leo: *See*—  
 Jungmans, Helmut, and Hartner. 2,731,790.
- Hartnett, Thomas P.: *See*—  
 Doran, John R., Hartnett, and Robinson. 2,761,207.
- Hartney, James L., to United States Steel Corp. Method of introducing air to burners of reversing type furnaces. 2,744,744, 5-8-56, Cl. 263-52.
- Hartop, William L., Jr., and E. J. Morrissey, Jr., to Abbott Laboratories. Rubber closure. 2,747,756, 5-29-56, Cl. 218-10.
- Hartough, Howard D., J. J. Dickert, Jr., and S. L. Meisel, to Socony Mobil Oil Co., Inc. Converting oxazine compounds to gamma-hydroxy amines. 2,774,790, 12-18-56, Cl. 260-584.
- Hartwig, William, to The Garlock Packing Co. Vibration rings for mechanical seals. 2,760,794, 8-28-56, Cl. 286-111.4.
- Hartzell, Arils C. Well fluid stabilizer. 2,739,652, 3-27-56, Cl. 166-121.
- Hartung, Richard S. Positive grip friction wrench. 2,764,049, 9-25-56, Cl. 81-58.
- Hartwell Aviation Supply Co.: *See*—  
 Hogan, John E. 2,737,697.  
 Hogan, John E., and Poe. 2,732,970.  
 Poe, Lloyd R. 2,732,582.
- Hartwell, Clark: *See*—  
 Hogan, John E. 2,737,697.  
 Hogan, John E., and Poe. 2,732,970.  
 Poe, Lloyd R. 2,732,582.
- Hartwell, Daniel H. Louver construction. 2,732,595, 1-31-56, Cl. 20-62.
- Hartwell, Eleanor M.: *See*—  
 Hogan, John E. 2,737,697.  
 Hogan, John E., and Poe. 2,732,970.  
 Poe, Lloyd R. 2,732,582.
- Hartwell, George W., to Worthington Corp. Unloader mechanism for compressors. 2,730,296, 1-10-56, Cl. 230-24.
- Hartwig, Edgar C.: *See*—  
 Stadium, Clarence B., Hartwig, and Van Ness. 2,735,037.
- Hartwig, Edward C., and H. W. van Ness, to Westinghouse Electric Corp. Electronic seam welder. 2,748,343, 5-29-56, Cl. 323-36.
- Hartwig, George M.: *See*—  
 Maycock, Russell L., and Hartwig. 2,767,068.
- Hartwig, Harry A. Motor drier. 2,731,735, 1-24-56, Cl. 34-104.
- Hartwig, Walter. Recuperator. 2,749,110, 6-5-56, Cl. 263-20.
- Hartwright, George, to United States Gypsum Co. Coating process of producing radiation-reflective roofing granules. 2,732,311, 1-24-56, Cl. 117-27.
- Harty, Edgar A., to General Electric Co. Unilaterally conductive device. 2,730,663, 1-10-56, Cl. 317-234.
- Hartz, Raymond J., and R. E. Morris, to Jack & Heintz, Inc. Actuators. 2,738,685, 3-20-56, Cl. 74-424.8.
- Hartzel, Francis W.: *See*—  
 Erickson, Harold V., and Hartzel. 2,759,805.
- Hartzell, Blanche D.: *See*—  
 Donehower, William P. 2,731,159.

- Hartzell, Gunnar. Golf cart with wheel and handle mechanism foldable within the bag thereof. 2,760,782, 8-28-56, Cl. 280—36.
- Hartzell, Herman L., and J. W. Dyer, to General Motors Corp. Spring biased diaphragm device. 2,738,808, 3-20-56, Cl. 137—790.
- Hartzell, Herman L., D. C. Redick, and C. L. Julian, to General Motors Corp. Distributor structure. 2,769,047, 10-30-56, Cl. 200—31.
- Hartzell, Jack W., and P. H. Haselton. Device for detecting a rapid rate of change. 2,759,173, 8-14-56, Cl. 340—227.
- Hartzell, Maurice: *See—*
- Donchehour, William P. 2,731,159.
- Hartzell, Oliver A., to Lombard Corp. Power circuit for electric induction furnaces. 2,767,292, 10-16-56, Cl. 219—10,75.
- Hartzell Propeller Fan Co.: *See—*
- Hartzell, Robert N., and Herman, to Hartzell Propeller Fan Co. 2,765,859.
- Hartzell, Robert N., and P. D. Herman, to Hartzell Propeller Fan Co. Fan. 2,765,859, 10-9-56, Cl. 170—160.6.
- Hartzler, John E., and C. S. Peter, said Hartzler assor. to E. H. Buller. Steam cleaning device. 2,733,101, 1-31-56, Cl. 299—84.
- Hartzler, Melvin E.: *See—*
- McKee, John F., Hartzler, Young, Ramirez, and George. 2,759,226.
- Hartzner, Harry O. Portable awning for trailers. 2,741,195, 4-10-56, Cl. 108—2.
- Harvard Mfg. Co., The: *See—*
- Blanke, Nathan E. 2,734,199.
- Entwistle, John E. 2,734,202.
- Jackson, Leslie K. 2,743,464.
- Jackson, Leslie K. 2,743,465.
- Roche, Melvin E., and Jackson, 2,772,424.
- Sands, Hillard J. 2,743,117.
- Harvel Corp., The: *See—*
- Caplan, Solomon. 2,754,283.
- Harvey, Mortimer T. 2,767,150.
- Wasserman, David. 2,739,955.
- Harvel Research Corp.: *See—*
- Harvey, Mortimer T. 2,738,338.
- Harvey, Mortimer T., and Rosamilia. 2,766,218.
- Harvengt, Edmond, to Link-Belt Co. Process and apparatus for releasing obstructions in discharge openings of concentrating pans. 2,731,148, 1-17-56, Cl. 209—465.
- Harvengt, Edmond, to Link-Belt Co. Treatments of materials in fine particles, particularly carbonaceous slimes. 2,764,287, 9-25-56, Cl. 203—18.
- Harvey, Allan M.: *See—*
- Johnson, Oscar H., Harvey, and West. 2,758,955.
- Harvey, Bruce F.: *See—*
- Barringer, Charles M., Harvey, Quattlebaum, and Sterling. 2,739,859.
- Harvey, Charles V.: *See—*
- Perrault, Art, and Harvey. 2,743,425.
- Harvey, Clarence C., to Ethyl Corp. Nitrate formulations. 2,742,492, 7-7-56, Cl. 275—1.
- Harvey, Clarence C., to Ethyl Corp. Temperature control of electrolytic cells. 2,755,244, 7-17-56, Cl. 204—247.
- Harvey, Clarence C., Jr.: *See—*
- Butler, Harry S., and Harvey. 2,768,111.
- Harvey, Draper M., to Automotive & Marine Products Corp. Top cylinder vapor lubricator. 2,741,237, 4-10-56, Cl. 123—196.
- Harvey, Draper M., to Automotive & Marine Products Corp. Top cylinder lubricator. 2,745,396, 5-15-56, Cl. 123—196.
- Harvey, Draper M. Hydraulic valve lifter mechanism. 2,746,436, 5-22-56, Cl. 123—90.
- Harvey, Draper M., to Automotive & Marine Products Corp. Top cylinder lubricator. 2,765,784, 10-9-56, Cl. 123—196.
- Harvey, Earle M., to the United States of America as represented by the Secretary of the Army. Magazine latching means. 2,736,977, 3-6-56, Cl. 42—50.
- Harvey, Earle M., to the United States of America as represented by the Secretary of War. Firing mechanism for automatic and semi-automatic firearms. 2,742,822, 4-24-56, Cl. 89—140.
- Harvey, Earle M., to the United States of America as represented by the Secretary of the Army. Clamp assembly for a trigger housing. 2,750,700, 6-19-56, Cl. 42—75.
- Harvey, Earle M., to the United States of America as represented by the Secretary of the Army. Gas relief valve for firearms. 2,750,849, 6-19-56, Cl. 89—193.
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- Harvey, Earle M., to the United States of America as represented by the Secretary of the Army. Butt plate assembly. 2,766,542, 10-16-56, Cl. 42—71.
- Harvey, Earle M., to the United States of America as represented by the Secretary of the Army. Breech mechanism for a firearm. 2,774,283, 12-18-56, Cl. 89—194.
- Harvey, George G.: *See—*
- Van Atta, Chester L., Harvey, and Fairbairn. 2,761,137.
- Harvey, George G., and L. Buchwalter, to the United States of America as represented by the Secretary of the Navy. Beacon antenna. 2,756,421, 7-24-56, Cl. 343—770.
- Harvey, Howard L., to American Viscose Corp. Abrasive wheel. 2,760,313, 8-28-56, Cl. 51—209.
- Harvey, John A., Jr.: *See—*
- Urban, Julius C., and Harvey. 2,763,182.
- Harvey, John F., A. W. Hermendorfer, and Jacob A. Mason, to The Babcock & Wilcox Co. High capacity oil burner with impeller hub air jet ring. 2,747,657, 5-29-56, Cl. 156—7.
- Harvey, John W., Jr., and F. G. Kraft, to E. I. du Pont de Nemours & Co. Machine for removing cores from yarn cakes and then supporting and wetting the cakes. 2,736,184, 2-28-56, Cl. 68—205.
- Harvey, Leo M.: *See—*
- Frick, Chester A. 2,730,259.
- Harvey, Lile W.: *See—*
- Berry, Ernest V., and Harvey. 2,737,761.
- Berry, Ernest V., and Harvey. 2,737,762.
- Harvey, Lile W., and Harvey. Magnetic fishing game. 2,747,872, 5-29-56, Cl. 273—1.
- Harvey, Louis A. Motor-simulating device for cycles. 2,768,474, 10-30-56, Cl. 46—175.
- Harvey, Mortimer T., to Harvel Research Corp. Copolymer of styrene and/or butadiene and partially hydrogenated furfural-ketone product. 2,738,338, 3-13-56, Cl. 260—43.5.
- Harvey, Mortimer T., to The Harvel Corp. Molding compound of cashew nut shell oil polymer and cashew nut shell as the filler. 2,767,150, 10-16-56, Cl. 260—9.
- Harvey, Mortimer T., and F. L. Rosamilia, to Harvel Research Corp. Method for reacting acetone-formaldehyde condensate with aniline and acidic agent. 2,766,218, 10-9-56, Cl. 260—45.2.
- Harvey, Philip G.: *See—*
- Taylor, Arthur W. C., and Harvey. 2,752,397.
- Harvey, Philip G., and S. A. Lamb, to Imperial Chemical Industries Ltd. Carbonylation of olefin-diolefin mixtures; selective diolefin removal. 2,752,395, 6-26-56, Cl. 260—44.
- Harvey, Philip G., and A. W. C. Taylor, to Imperial Chemical Industries Ltd. Carbonylation of olefin-diolefin mixtures. 2,752,396, 6-26-56, Cl. 260—604.
- Harvey, Robert D.: *See—*
- Dolza, John, and Harvey. 2,746,427.
- Harvey, Salmon C. Lather foam dispenser. 2,729,505, 1-3-56, Cl. 299—90.
- Harvey, Thabus R.: *See—*
- Palum, Cecil R., and Harvey. 2,734,623.
- Harvey-Whipple, Inc.: *See—*
- Sinclair, Donald C., and Wallans. 2,745,597.
- Harvey, Winston S., and H. Eisler, to Raytheon Mfg. Co. Motor speed control. 2,762,005, 9-4-56, Cl. 318—327.
- Harwadel, Walter M. Method of cleaning milking machine teat cups. 2,730,469, 1-10-56, Cl. 134—8.
- Harwill Inc.: *See—*
- Wiltse, Douglas G. 2,757,629.
- Harwin, C. W., Inc.: *See—*
- Roslund, Harold. 2,772,031.
- Harwin, Dixon E., A. Stern, and V. H. Bodle, to National Sponge Cushion Co., Inc. Carpet underlay. 2,740,739, 4-3-56, Cl. 154—49.
- Harwood, Douglas, to Canadian General Electric Co. Ltd. Lamp filament feeding apparatus. 2,764,800, 10-2-56, Cl. 29—25.19.
- Harwood, James: *See—*
- Abramitis, Walter W., O'Kane, and Harwood. 2,740,744.
- Harwood, Kenneth J.: *See—*
- Reger, Sedgewick C., and Harwood. 2,772,181.
- Harwood, Stanley G.: *See—*
- Kenney, Robert W. 2,729,230.
- Kenney, Robert W. 2,735,442.
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- Harza, Leroy F., deceased; F. H. Camphausen and E. W. Hillier, executors. Hydraulic control for butterfly valves. 2,759,897, 8-21-56, Cl. 251—25.
- Hasbrouck, Arthur E., to S. S. Petty. Positioning determining system. 2,746,034, 5-15-56, Cl. 343—15.
- Hasbrouck, Augustus, to United Aircraft Corp. Filter. 2,750,047, 6-12-56, Cl. 210—183.
- Hasbrouck, Augustus, and B. H. Shinn, to United Aircraft Corp. Compressor construction for compressors. 2,749,026, 6-5-56, Cl. 230—122.
- Hasbrouck, Augustus, and A. B. Miller, to United Aircraft Corp. Engine mount. 2,753,140, 7-3-56, Cl. 248—5.
- Haselkorn, Howard J., to Farrand Optical Co., Inc. Electron lens. 2,759,117, 1-14-56, Cl. 313—82.
- Hasche, Rudolph L., to Koppers Co., Inc. Process of producing acetylene by pyrolytic reaction from a suitable hydrocarbon. 2,751,424, 6-19-56, Cl. 260—679.
- Hasche, Rudolph L., to Koppers Co., Inc. Semi-make and heat regenerative process and apparatus. 2,755,321, 7-17-56, Cl. 260—679.
- Hasche, Rudolph L. Regenerative furnaces. 2,766,980, 10-16-56, Cl. 263—51.
- Hasche, Rudolph L., and L. F. McConnell. Valve control mechanism. 2,737,970, 3-13-56, Cl. 137—309.
- Hase, Alfred M.: *See—*
- Waldkötter, Erich G. R., and Hase. 2,750,540.
- Hase, Georg, H. Schneider, and K. Kirchhoff. Device for adjusting and holding a pair of stereoscopic pictures. 2,752,713, 7-3-56, Cl. 343—152.
- Haselkorn, Howard: *See—*
- Annis, Richard R., and Haselkorn. 2,758,225.
- Hasell, Henry P.: *See—*
- McGowan, Michael E., and Hasell. 2,748,738.
- McGowan, Michael E., and Hasell. 2,764,799.
- Haselmeier, Walter. Typewriter front-feed attachment. 2,731,125, 1-17-56, Cl. 197—128.



- Haseloff, Fritz, to Licentia Patent-Verwaltungs, G. m. b. H. Print roll securing means. 2,745,341, 5-15-56, Cl. 101-212.
- Haselton, Merton L.: *See*—  
Bush, George L., Dennis, and Haselton. 2,737,650.
- Haselton, Philip H.: *See*—  
Hartzell, Jack W., and Haselton. 2,759,173.
- Hasenberg, Werner: *See*—  
Kidd, Marshall C., and Hasenberg. 2,769,906.
- Hasenbuhler, Millard. Snow shovel conveyor. 2,747,306, 5-29-56, Cl. 57-45.
- Haserodt, Oscar P. Detachable automatic mail box signal. 2,730,298, 1-10-56, Cl. 232-35.
- Haske, John R.: *See*—  
Blake, James C., Deady, and Haske. 2,763,274.
- Haskeite Mfg. Corp.: *See*—  
Kloote, George E. 2,760,240.
- Haskell, Alden H. Window. 2,771,133, 11-20-56, Cl. 160-89.
- Haskell, Clarence A.: *See*—  
Jarosh, John J., Haskell, and Dunnell. 2,752,791.
- Haskell, Donald M., and D. L. McKay, to Phillips Petroleum Co. Purification of polymerizable heterocyclic nitrogen compounds at low temperatures. 2,768,169, 10-23-56, Cl. 260-290.
- Haskin, Lawrence H., Jr.: *See*—  
Auerbacher, George N., and Haskin. 2,745,464.
- Haskin, Walter E., to Pressed and Welded Steel Products Co., Inc. 2,773,317, 12-7-56, Cl. 129-1.
- Haskin, Walter E., to Pressed and Welded Steel Products Co., Inc. Book rack. 2,770,913, 11-20-56, Cl. 45-58.
- Haskin, Walter E., to Pressed and Welded Steel Products Co., Inc. Binder. 2,771,075, 11-20-56, Cl. 129-1.
- Haskins, Lewis S., to Hartford Corp. Containers of capsule-like form. 2,762,411, 9-11-56, Cl. 150-8.
- Haslam, John H., to E. I. du Pont de Nemours and Co. Methods for insolubilizing coating compositions. 2,732,799, 1-31-56, Cl. 101-416.
- Haslam, John H., to E. I. du Pont de Nemours and Co. Method of coating surface with transparent film and product resulting therefrom. 2,768,909, 10-30-56, Cl. 117-121.
- Haslett, Elmer. Table ball game devices. 2,750,192, 6-12-56, Cl. 273-87.2.
- Haslett, Elmer. Door knob covers. 2,753,911, 7-10-56, Cl. 150-52.
- Haslett, Elmer. Containers. 2,773,633, 12-11-56, Cl. 229-8.
- Hass, Zygmunt K., to Her Majesty the Queen in the Right of Canada as represented by the Minister of National Defence. Frequency modulation relaxation oscillator. 2,767,378, 10-16-56, Cl. 332-14.
- Hassan, Fautha: *See*—  
Hassan, Joseph A. 2,769,942.
- Hassan, Joseph A.,  $\frac{1}{2}$  to F. A. Hassan. Voice coil for loud speakers. 2,769,942, 11-6-56, Cl. 317-158.
- Hassel, Lloyd W., and J. A. Parker, to Armstrong Cork Co. Belt saturators and method of making the same. 2,773,782, 12-11-56, Cl. 117-140.
- Hasselbaum, Oscar H., to Joseph Pollak Corp. Electric switch. 2,763,753, 9-18-56, Cl. 200-166.
- Hasseld, Frank E., Jr.: *See*—  
Hasseld, William E. 2,774,946.
- Hasselder, Clarence, to Stamicarbon N. V. Process for effecting double conversion between two solutions of ionogenic substances by using ion exchangers. 2,751,280, 6-19-56, Cl. 23-90.
- Hasselquist, Victor H., to The B. F. Goodrich Co. Heat-sealing thermoplastics. 2,767,769, 10-23-56, Cl. 154-42.
- Hasselstrom, Torsten. Pungent-tasting pentaavalent piperazine diacid salts. 2,753,350, 7-3-56, Cl. 260-268.
- Hasser, George L.: *See*—  
Horwitz, Henry L., and Hasser. 2,765,368.
- Hasid, Maurice, to N. S. F. Ltd. Picnic cases. 2,768,718, 10-30-56, Cl. 190-14.
- Hasid, Maurice A., and E. Venis, to The British Vacuum Flask Co. Ltd. Expandable stoppers. 2,765,945, 10-9-56, Cl. 215-54.
- Hassinger, Herman, to Herman Hassinger, Inc. Fluorescent lighting fixture. 2,743,424, 4-24-56, Cl. 339-52.
- Hassinger, Herman, Inc.: *See*—  
Hassinger, Herman. 2,743,424.
- Hassler, John E., deceased, by Borg-Warner Corp. Cutting chain for saws. Re. 24,129, 3-13-56, Cl. 143-135.
- Hassmann, Josef: *See*—  
Glettenberg, Eugen, and Hassmann. 2,758,001.
- Hassold, Victor C., to Steel Heddle Mfg. Co. Heddle frame. 2,730,137, 1-10-56, Cl. 139-92.
- Hastings Aluminum Products, Inc.: *See*—  
Silvers, Albert, and Cotter. 2,731,685.
- Hastings, Charles E., to Hastings Instrument Co., Inc. Temperature change compensated thermal measuring device. 2,745,283, 5-15-56, Cl. 73-204.
- Hastings, Courtland. Apparatus for crystallization of sugar bearing materials. 2,743,197, 4-24-56, Cl. 127-15.
- Hastings, Donald F., to Bendix Aviation Corp. Automatic stop mechanism. 2,746,573, 5-22-56, Cl. 188-69.
- Hastings, Homer R., to General Motors Corp. Gear shift position indicator mechanism. 2,736,003, 2-21-56, Cl. 840-52.
- Hastings Instrument Co., Inc.: *See*—  
Hastings, Charles E. 2,745,283.
- Hastings, John A., and C. Weber, to The Transportation Development Corp. Track and road bed construction. 2,750,118, 6-12-56, Cl. 238-25.
- Hastings Mfg. Co.: *See*—  
Johnson, Stephen L., and Wilkinson. 2,747,738.
- Phillips, Harold P. 2,732,836.
- Phillips, Harold P. 2,742,334.
- Wilkinson, James W. 2,750,042.
- Hastings, Norman R., to Walk Time, Inc. Anemometer. 2,749,750, 6-12-56, Cl. 73-189.
- Hastings, Norman R., to Walk Time, Inc. Anemometer wind vane. 2,749,751, 6-12-56, Cl. 73-189.
- Hastings, Randall, E. K., Drechsel, and E. Strazdins, to American Cyanamid Co. Novel sizing agents for paper. 2,771,461, 11-20-56, Cl. 260-101.
- Hastings, Sam H.: *See*—  
Schutze, Henry G., Hastings, and Anderson. 2,752,403.
- Hastings, Sam H., and A. T. Watson, to Esso Research and Engineering Co. Production of lubricating oils of high viscosity index. 2,754,254, 7-10-56, Cl. 196-147.
- Hastings, Warren W., to Rochester Mfg. Co., Inc. Pressure gauge diaphragm assembly. 2,762,394, 9-11-56, Cl. 137-788.
- Hastings, Warren W., to Rochester Mfg. Co., Inc. Electric switch. 2,774,939, 12-18-56, Cl. 324-70.
- Hat Corp. of America: *See*—  
Pascalle, Martin M., and Rickus. 2,749,546.
- Hatala, John. Knob clamp having detachable facing member. 2,765,675, 10-9-56, Cl. 74-553.
- Hatala, John. Knob. 2,770,983, 11-20-56, Cl. 74-553.
- Hatay, Charles G. Method of fabric finishing to reduce shrinkage and improve the feel and hand of cloth. 2,733,498, 2-7-56, Cl. 26-18.5.
- Hatch, Albert M., to Borg-Warner Corp. Turbine. 2,744,721, 6-8-56, Cl. 253-32.
- Hatch, Allen B., G. A. Hunt, and J. Lein, to Bristol Laboratories, Inc. Tetracycline production using cottonseed endosperm flour. 2,763,591, 9-18-56, Cl. 195-80.
- Hatch, Charles T., and S. R. McKim, to Union Steel Products Co. Conveyor system for advancing and dividing a series of articles to variably preselected separate conveyors. 2,763,438, 9-18-56, Cl. 198-31.
- Hatch, Charles T., and R. H. Marshall, to Union Steel Products Co. Belt type conveyor. 2,747,725, 5-29-56, Cl. 198-195.
- Hatch, Chauncey R., Jr.: *See*—  
Renillard, Camille. 2,751,802.
- Hatch, George B., to Calgon, Inc. Corrosion inhibiting composition and method of using same. 2,742,369, 4-17-56, Cl. 106-14.
- Hatch, Gerald G., to Quebec Iron and Titanium Corp. Casting of titanium slag concentrate. 2,749,667, 6-12-56, Cl. 49-52.
- Hatch, Gordon. Radiant heating unit and oven. 2,756,319, 7-24-56, Cl. 219-35.
- Hatch, Richard M., Jr.: *See*—  
Crandell, Paul A., and Hatch. 2,759,101.
- Hatch, Robert H., to the United States of America as represented by the Secretary of the Navy. Metal painted aperture or window for waveguides. 2,770,784, 11-13-56, Cl. 333-98.
- Hatch, Sidney L. File folder support. 2,749,915, 6-12-56, Cl. 129-16.7.
- Hatch, Wilfred E., to Keyes Fibre Co. Fruit and vegetable container. 2,738,914, 3-20-56, Cl. 229-2.5.
- Hatcher, Curtis M. Electro-magnetic vehicle door lock. 2,765,648, 10-9-56, Cl. 70-264.
- Hatcher, Merrel E. Lawn sprinkler. 2,757,960, 8-7-56, Cl. 269-65.
- Hatebur, Friedrich B. Transfer mechanism for nut forging machine. 2,736,909, 3-6-56, Cl. 10-76.
- Hatebur, Friedrich B. Method for the production of ball-bearing races and similar parts. 2,766,512, 10-16-56, Cl. 29-148.4.
- Hathfield, Doran O., to Bodine Electric Co. Dynamoelectric rotor. 2,767,339, 10-16-56, Cl. 310-162.
- Hathaway, Claude M., to Hathaway Instrument Co. Principal strain computers. 2,731,198, 1-17-56, Cl. 235-61.
- Hathaway Instrument Co.: *See*—  
Davis, William L. 2,735,917.
- Hathaway, Claude M. 2,735,917.
- Hathaway, Jarrett L., and R. E. Lafferty, to Radio Corp. of America. Artificial gun shot effects. 2,751,585, 6-19-56, Cl. 340-384.
- Hathaway, Richard: *See*—  
Abram, Leo, and Hathaway. 2,774,025.
- Hathorn, Clarence J., to Stackpole Carbon Co. Printed circuit electrical component. 2,754,486, 7-10-56, Cl. 339-17.
- Hathorn, Clarence J., and E. J. Schreiber, to Stackpole Carbon Co. Electric slide switch. 2,762,880, 9-11-56, Cl. 200-77.
- Hatte, Jacques L. Sound filtering apparatus. 2,765,044, 10-2-56, Cl. 181-47.
- Hatton, Roger E.: *See*—  
Gamrath, Harry R., and Hatton. 2,739,977.
- Gamrath, Harry R., and Hatton. 2,739,978.
- Hatton, William, to International Telephone and Telegraph Corp. Polarized magneto signal device. 2,740,956, 4-3-56, Cl. 340-373.
- Hatula, John E. Animal trap. 2,740,227, 4-3-56, Cl. 43-61.
- Hauben, Albert H., to Hercules Powder Co. Dithiadithiol S,S-bis-(O,O-dialkyl phosphorodithio) and its use as an insecticide. 2,766,163, 10-9-56, Cl. 167-33.
- Hauben, Albert H., to Hercules Powder Co. 2(dialkoxythionophosphorylthio)-1,4-dithianes. 2,766,166, 10-9-56, Cl. 167-33.

- Haubein, Albert H., to Hercules Powder Co. Thioxanethiol S(O,O-diethyl phosphorodithioate) and pesticides containing the same. 2,766,167, 10-9-56, Cl. 167-33.
- Haubein, Albert H., to Hercules Powder Co. Polychloro-poly-(dialkoxymethoxyphosphonylthio)-1,4-dithianes. 2,766,168, 10-9-56, Cl. 167-33.
- Haubein, Albert H., to Hercules Powder Co. Organic dithiophosphates having a chloro-p-thioxane nucleus. 2,766,169, 10-9-56, Cl. 167-33.
- Hauber, Erwin J. Operating mechanism for clutches and the like. 2,742,791, 4-24-56, Cl. 74-58.
- Hauber, Ferdinand R., and W. S. Gard, to Brown & Root, Inc. Submarine burying apparatus. 2,755,632, 7-24-56, Cl. 61-72.
- Hauber, Franz. Servomotor arrangement, more particularly for reducing valves. 2,754,843, 7-17-56, Cl. 137-492.5.
- Hauberg, Victor A. Stop motion attachment for a knitting machine. 2,765,642, 10-9-56, Cl. 66-166.
- Hauhourdin, Ferdinand A., and R. J. A. Rolland. Clutch control for motor vehicles. 2,763,347, 9-18-56, Cl. 192-052.
- Hauk, Paul A. See—
- Todd, Guerin, and Hauk. 2,738,888.
- Hauk, Paul A., to Hanson-Van Winkle-Munning Co. Processing machines for electroplating and like operations. 2,736,441, 2-28-56, Cl. 214-89.
- Hauk, Paul A., to Hanson-Van Winkle-Munning Co. Transfer mechanisms. 2,769,519, 11-6-56, Cl. 198-21.
- Hauk, Roy L., and A. L. Nathan, to Delia Heating Corp. Combustion type unit heater. 2,737,173, 3-6-56, Cl. 126-110.
- Hauk, Theodore, to General Bronze Corp. Window sill construction. 2,733,487, 2-7-56, Cl. 20-70.
- Hauk, Theodore, to General Bronze Corp. Reversible window structure. 2,750,015, 6-12-56, Cl. 189-69.
- Hauk, Theodore, to General Bronze Corp. Sash construction. 2,750,636, 6-19-56, Cl. 20-52.
- Hauk, Wilbur J. Falling block single shot breech action. 2,749,641, 6-19-56, Cl. 42-23.
- Hauke, Paul. See—
- Ustin, George, and Hauke. 2,759,163.
- Hauelsen, Batist R., and E. A. Wales. Method of coating metal surfaces. 2,745,798, 5-15-56, Cl. 204-25.
- Hauer, Harry M., to H. A. Rolland. 2,737,830.
- Hauer, Edward R. See—
- Furniss, Loree E. 2,757,805.
- Hauer, Edward R., and E. J. Herter. Counterbalanced coupler operating mechanism. 2,750,880, 7-31-56, Cl. 213-166.
- Haug, Anton J. Process and apparatus for mechanically working fibrous materials. 2,749,814, 6-12-56, Cl. 92-27.
- Haug, Richard J. Knee joint for portable tools. 2,765,666, 10-9-56, Cl. 74-58.
- Haug, Wilhelm, to Manufacture de Machines du Haut Rhin. Instrument for checking tolerances of workpieces. 2,743,328, 4-24-56, Cl. 200-61.41.
- Haugen, Glenn L., and G. D. Wofford, to Bendix Aviation Corp. Means for improving television interlace control. 2,744,956, 5-8-56, Cl. 78-69.5.
- Haugen, Syren J. Stock feed dispensing cart. 2,762,531, 9-11-56, Cl. 222-177.
- Haught, Clyde L. Adjustable scaffold support. 2,755,145, 7-17-56, Cl. 30-46.
- Haughton Elevator Co. See—
- Borden, Joseph H. 2,738,489.
- Borden, Joseph H. 2,759,564.
- Borden, Joseph H., and Mundy. 2,750,005.
- Borden, Joseph H., and Vlasak. 2,771,160.
- Nikazy, Walter A. 2,758,676.
- Thurston, Ernest B. 2,746,566.
- Thurston, Ernest B. 2,775,312.
- Hauversen, Charles J. Chance controlled electrical game. 2,766,988, 10-16-56, Cl. 273-135.
- Hauvi Maschinenfabrik Korber & Co. G. m. b. H. See—
- Aschenwald, Johann. 2,743,826.
- Haupt, Walter H., to Keleket X-Ray Corp. Cable attaching device. 2,738,488, 3-6-56, Cl. 287-20.3.
- Haupt, Walter H., and H. K. Hoy, to Keleket X-Ray Corp. X-ray apparatus. 2,737,596, 3-6-56, Cl. 250-91.
- Haupt, Wilhelm, to Kienzle Apparate G. m. b. H. Setting device for price indicator for liquids. 2,743,622, 5-1-56, Cl. 74-348.
- Hauptmann, Robert, to the United States of America as represented by the Secretary of the Navy. Electrical system. 2,731,593, 1-17-56, Cl. 323-30.
- Haury, Vernon E., to Shell Development Co. Method for preparing alkanes. 2,765,340, 10-2-56, Cl. 260-566.
- Hause, Norman L., to E. I. du Pont de Nemours and Co. Preparation of 4,5-dihydro-2-methylfuran. 2,758,118, 8-7-56, Cl. 260-346.1.
- Hauser, Herman. Portable barricades. 2,759,707, 8-21-56, Cl. 256-34.
- Hauser, Seymour. See—
- Speck, Kurt, Hauser, and Hajos. 2,747,779.
- Hauserman, E. F., Co., The. See—
- Kendall, Fred L., and Golar. 2,756,159.
- Hauserman, Frank R. See—
- Dalton, Richard L., and Hauserman. 2,733,182.
- Häusermann, Heinrich, to J. R. Geigy A.-G. Bis-triazinyl-amino stilbene compounds. 2,762,801, 9-11-56, Cl. 260-249.6.
- Häusermann, Heinrich, to J. R. Geigy A.-G. Optical brightening agents. 2,762,802, 9-11-56, Cl. 260-249.6.
- Haushalter, Fred L. Track construction. 2,738,236, 3-13-56, Cl. 305-110.
- Hausler, George M., to General Electric Co. Snap action switch. 2,771,527, 11-20-56, Cl. 200-67.
- Hausmann, Edgar C., and G. Wille. Parking guide. 2,731,934, 1-24-56, Cl. 16-28.
- Hausmann, George F., to United Aircraft Corp. Retractable handleholders for afterburners. 2,729,937, 1-10-56, Cl. 60-35.6.
- Hausmann, George F., to United Aircraft Corp. Blade passage construction for compressors and diffusers. 2,755,612, 2-21-56, Cl. 230-122.
- Hausmann, George F., to United Aircraft Corp. Boundary layer control apparatus for compressors. 2,738,921, 3-20-56, Cl. 230-122.
- Hausrat, Herbert. See—
- Rolli, Wendel, Hausrat, and Klett. 2,759,114.
- Hausser, O. & M. See—
- Weissbrodt, Max. 2,749,661.
- Hauswirth, Vernon O., to Ford Motor Co. Baler pickup and feeding mechanism. 2,731,783, 1-24-56, Cl. 56-343.
- Hauswirth, Vernon O., to Ford Motor Co. Bale density control device. 2,763,201, 9-18-56, Cl. 100-43.
- Hautzenroeder, Richard W., and R. A. Brown, to Harry Ferguson, Inc. Venting means for liquid storage tanks. 2,739,731, 3-27-56, Cl. 220-44.
- Haven, Allan M., to The American Oil Co. Catalyst sampling system. 2,771,776, 11-27-56, Cl. 73-421.
- Havens, Byron L., to International Business Machines Corp. Multi-rotor trigger circuit. 2,745,955, 3-15-56, Cl. 250-27.
- Havens, Byron L., to International Business Machines Corp. Binary-decade counter. 2,774,868, 12-18-56, Cl. 250-27.
- Havens, Gerald W. Fluid spraying device. 2,738,227, 3-13-56, Cl. 200-43.
- Havens, Glenn G. See—
- Meanor, Doyle W., and Havens. 2,737,998.
- Meanor, Doyle W., and Havens. 2,769,481.
- Havens, James H. See—
- Hagg, Joseph E., Lange, Alcock, and Havens. 2,754,681.
- Haverstick, Fern B., to Continental Oil Co. Separating C<sub>6</sub> petroleum mixtures. 2,729,291, 1-3-56, Cl. 166-7.
- Haverlie, Arnold H. Support-penetrating bracket. 2,732,158, 1-24-56, Cl. 248-216.
- Haverstick, Henry C., and H. C. Hydraulically operated load handling system for trucks. 2,751,095, 6-19-56, Cl. 214-75.
- Haverstick, Henry C. See—
- Haverstick, Harvey L., and H. C. 2,751,095.
- Haverstick, Merral P., to National Rejectors, Inc. Coin separators. 2,744,603, 5-8-56, Cl. 194-102.
- Haverstock, Julius J., to Avco Mfg. Corp. Method of washing and drying textiles. 2,760,639, 8-28-56, Cl. 210-66.
- Haves, Robert. See—
- Gottlieb, Milton H. 2,745,258.
- Haviland, Girard S. See—
- Stoner, Arthur M., and Haviland. 2,746,758.
- Haviland, Jack J. See—
- Haviland, Lucan, Joseph A., Jr., and Haviland. 2,756,431.
- Haviland, Lyman J. Tube clamps. 2,764,438, 9-25-56, Cl. 287-54.
- Haviland, Robert P., to General Electric Co. Fusible link jet motor control. 2,749,705, 6-12-56, Cl. 60-35.6.
- Haw, Robert. See—
- Haw, Robert. Semi-automatic dovetailing machine. 2,747,627, 5-29-56, Cl. 144-85.
- Hawaiian Canneries Co., Ltd. See—
- Horne, Albert. 2,732,957.
- Horne, Albert, and Story. 2,732,956.
- Hawaiian Pineapple Co., Ltd. See—
- Botley, Richard M. 2,767,863.
- Guigas, Gustav. 2,749,855.
- Guigas, Gustav. 2,774,489.
- Toud, James T. 2,775,191.
- Hawanczak, Mike. See—
- Threlfall, Mary J. and R., Threlfall, Hawanczak, and Sveda. 2,733,881.
- Hawes, Roland C. See—
- Harvey, J. G., Stickney, and Hawes. 2,741,941.
- Hawes, Roland C., and A. Strickler, to Beckman Instruments, Inc. Method and apparatus for automatic titration and control of variables. 2,770,531, 11-13-56, Cl. 23-230.
- Hawie, Edward M., to The Hawie Mfg. Co. Belt buckle. 2,760,246, 8-28-56, Cl. 24-75.
- Hawie, Gabriel S., to International Latex Corp. Adjustable fastening devices. 2,758,351, 8-14-56, Cl. 24-245.
- Hawie Mfg. Co., The. See—
- Hawie, Edward M. 2,760,246.
- Hawk, Carson E. See—
- Harkey, George D., Jr., and Hawk. 2,771,915.
- Hawk, Le Roy R., to Gerber Products Co. Canned egg yolk puree and process of producing same. 2,766,126, 10-9-56, Cl. 99-182.
- Hawk, Le Roy R., and D. Eolkin, to Gerber Products Co. Process for producing a strained meat product. 2,753,269, 7-3-56, Cl. 99-187.
- Hawk, Watson L., to Rheem Mfg. Co. Apparatus for applying plastic sheeting to metal plates. 2,732,880, 1-31-56, Cl. 154-1.
- Hawke, Frank T. See—
- Fisher, Roy R., Sr., and Hawke. 2,755,372.
- Hawke, John A. See—
- Bode, Robert H., Holiday, and Hawke. 2,750,028.
- Hawkes, Arthur S., and I. T. Krohn, to Ethyl Corp. Process of treating metal mixtures. 2,759,896, 8-21-56, Cl. 252-303.



- Hawkes, Arthur S., and D. O. Remter, to Ethyl Corp. Treatment of hydrocarbon stocks with sodium. 2,772,211, 11-27-56, Cl. 196-26.
- Hawkins, Albert E., and G. R. Linden, to J. M. Lehmann Co., Inc. Roller grinding mill. 2,759,774, 8-21-56, Cl. 308-59.
- Hawkins, Alvin T., and T. E. Taylor, to Federal Electric Products Co. Draw-out switch gear. 2,767,266, 10-16-56, Cl. 200-50.
- Hawkins, Arthur H.: *See—*
- Broscomb, Dennis G., Hawkins, and Ellens. 2,764,351.
- Hawkins, Christine: *See—*
- Janeway, Price W., Jr. 2,743,171.
- Hawkins, Eileen J., administratrix: *See—*
- Hawkins, Harvey G., and Tudge. 2,743,752.
- Hawkins, Elmer W. Brush rake attachment for a tractor. 2,770,056, 11-13-56, Cl. 37-2.
- Hawkins, Eric D. Machine for punching nut kernels from their shells. 2,745,452, 5-15-56, Cl. 146-8.
- Hawkins, Ernest L. Separable paint brush. 2,732,578, 1-31-56, Cl. 15-202.
- Hawkins, George A., to Purdue University. Injector pump for breech cooling of guns. 2,774,281, 12-18-56, Cl. 59-1.
- Hawkins, George V.: *See—*
- Hamilton, Francis E., Hawkins, Lawhead, and Hughes. 2,770,797.
- Hawkins, Harvey G. deceased, by E. J. Hawkins administrator, and T. T. Tudge, to Imperial Chemical Industries Ltd. Flexible liquid containers. 2,743,752, 3-1-56, Cl. 150-8.
- Hawkins, Havilah S. Work engaging bandsaw blade guide. 2,765,008, 10-2-56, Cl. 143-167.
- Hawkins, Havilah S. Animal-simulating rider-driven walking toy. 2,765,177, 10-2-56, Cl. 280-1177.
- Hawkins, James E., and W. E. Pugh, to Seismograph Service Corp. System and method of generating seismic waves in the earth. 2,730,187, 1-10-56, Cl. 181-5.
- Hawkins, James E., and W. E. Pugh, to Seismograph Service Corp. Apparatus for generating seismic waves. 2,757,750, 8-7-56, Cl. 181-0.5.
- Hawkins, James F., to American Can Co. Support for devices for internally treating moving can bodies. 2,760,465, 8-28-56, Cl. 118-317.
- Hawkins, James R., to Armour and Co. Sheet forming and stacking apparatus. 2,751,981, 6-26-56, Cl. 164-68.
- Hawkins, Jesse: *See—*
- Kennedy, Gertrude E., and Hawkins. 2,775,243.
- Hawkins, Luty. Fowl pen floor. 2,753,841, 7-10-56, Cl. 119-21.
- Hawkins, Paul E. Co.: *See—*
- Hawkinson, Earle W. 2,757,702.
- Hawkins, Raymond L. Water resistant adhesive. 2,764,568, 9-25-56, Cl. 260-17.
- Hawkins, Robert E. Liquid level gauge. 2,732,715, 1-31-56, Cl. 73-323.
- Hawkins, Scott F., to North American Aviation, Inc. Venturi control device for aircraft brake system. 2,746,250, 5-22-56, Cl. 60-51.
- Hawkins, Stanley W., and W. J. Levy, to Imperial Chemical Industries Ltd. Water proofing and stabilising of soil-ement bricks and mixtures. 2,752,260, 6-26-56, Cl. 108-90.
- Hawkins, Willis M., Jr., and P. E. Le Veille, to Lockheed Aircraft Corp. Multiple wheel main landing gear. 2,750,134, 6-12-56, Cl. 244-102.
- Hawkinson, Earle W., to Paul E. Hawkinson Co. Mold for retreading pneumatic tire casings. 2,729,851, 1-10-56, Cl. 18-18.
- Hawkinson, Earle W., to Paul E. Hawkinson Co. Mold for retreading pneumatic tire casings and method of forming same. 2,729,852, 1-10-56, Cl. 18-18.
- Hawkinson, Earle W., to Paul E. Hawkinson Co. Tire retreading apparatus. 2,743,451, 5-1-56, Cl. 18-18.
- Hawkinson, Earle W., to Paul E. Hawkinson Co. Tire mold. 2,748,423, 6-5-56, Cl. 18-18.
- Hawkinson, Earle W., to Paul E. Hawkinson Co. Rim for pneumatic tire casings. 2,757,702, 8-7-56, Cl. 152-413.
- Hawkinson, Paul E. Co.: *See—*
- Hawkinson, Earle W. 2,729,851.
- Hawkinson, Earle W. 2,729,852.
- Hawkinson, Earle W. 2,743,451.
- Hawkinson, Earle W. 2,748,423.
- Hawkinson, Raymond P. 2,729,853.
- Hawkinson, Raymond P. 2,748,462.
- Hawkinson, Raymond P. 2,759,220.
- Hawkinson, Raymond P., to Paul E. Hawkinson Co. Mold for retreading pneumatic tire casings. 2,729,853, 1-10-56, Cl. 18-18.
- Hawkinson, Raymond P., to Paul E. Hawkinson Co. Method of making tire treading molds. 2,748,462, 6-5-56, Cl. 29-505.
- Hawkinson, Raymond P., to Paul E. Hawkinson Co. Tire treading mold. 2,759,220, 8-21-56, Cl. 18-18.
- Hawskwell, John S., and G. F. Porter, to The Self-Opening Tin Box Co. Ltd. Snap-on securing clips for the lids of sheet metal containers. 2,743,128, 4-24-56, Cl. 292-258.
- Hawley, Alfred E.: *See—*
- McDonald, Louis, and Hawley. 2,741,599.
- Hawley, George P., and E. T. Tune, to Union Carbide and Carbon Corp. Apparatus utilizing detonation waves for spraying powders. 2,774,625, 12-18-56, Cl. 299-28.6.
- Hawley, Harold K., and R. D. Dobson, to The Procter & Gamble Co. Molecule rearrangement process. 2,733,251, 1-31-56, Cl. 260-410.7.
- Hawley, Henry C.: *See—*
- Elles, Edward S., and Hawley. 2,734,788.
- Hawley, Jesse E. Railroad rail joint construction. 2,754,065, 7-10-56, Cl. 238-244.
- Hawley, Moses E., to the United States of America as represented by the Secretary of the Navy. Third order pressure gradient responsive microphone. 2,773,933, 12-11-56, Cl. 179-1.
- Hawley, William G.: *See—*
- Brazier, Leslie G., and Hawley. 2,731,510.
- Hawn, Ralph A., to William L. Ulmer. Photographic apparatus. 2,760,413, 8-23-56, Cl. 95-14.
- Haworth, Holly G., to Certain-Teed Products Corp. High expansion plaster compositions. 2,741,562, 4-10-56, Cl. 106-109.
- Haworth, Howard H., to Belden Mfg. Co. Constant tension take-up and let-off mechanism. 2,741,437, 4-10-56, Cl. 242-45.
- Haworth, Howard H., and C. M. Huth, to Belden Mfg. Co. Electrical connector. 2,756,402, 7-24-56, Cl. 339-103.
- Haworth, Lionel, to Rolls-Royce Ltd. Separable joints. 2,764,268, 9-25-56, Cl. 189-36.
- Haworth, Russell G.: *See—*
- Nutt, John G., and Haworth. 2,754,101.
- Hawthorne, Herman F., and F. D. Hoppert. Variable recoil mount. 2,729,975, 1-10-56, Cl. 73-167.
- Hawthorne, Nathaniel E., to Friden Calculating Machine Co., Inc. Mechanism for the automatic feed mechanism for adding machines. 2,732,924, 1-31-56, Cl. 197-162.
- Hawthorne, Omer V., to H. J. Moll. Universal mast mounting device. 2,733,030, 1-31-56, Cl. 248-40.
- Hawthorne, Thomas A.: *See—*
- Leonard, Anthon A., Hawthorne, and Borberg. 2,733,434.
- Hawtin, Selwyn G.: *See—*
- Taylor, William I., and Hawtin. 2,758,909.
- Haxby, Robert O.: *See—*
- Lyman, Joseph, Caldwell, Maeder, Haxby, and Tawney. 2,733,437.
- Hay, Chester B. Mortar applying device. 2,733,593, 2-7-56, Cl. 72-128.
- Hay, Harry K.: *See—*
- Haupt, Walter H., and Hay. 2,737,596.
- Hay, Robert J., and S. M. Richardson, to The Firestone Tire & Rubber Co. Tertiary amine oxides in foam rubber. 2,755,258, 7-17-56, Cl. 260-2.5.
- Hay, William D., to Alexander Smith, Inc. Crimping apparatus. 2,734,228, 2-14-56, Cl. 19-66.
- Haybar Ltd.: *See—*
- Haycock, George W. 2,729,374.
- Haycock, George W. 2,739,095.
- Hayden, George W., to Haybar Ltd. Machines for packing articles into containers. 2,729,374, 1-3-56, Cl. 226-14.
- Haycock, George W., to Haybar Ltd. Control mechanism in or for machines for working on bottles and other like articles. 2,739,095, 3-27-56, Cl. 198-34.
- Haydel, Chester H.: *See—*
- Greathouse, Lucien H., Smith, Robinson, and Haydel. 2,744,014.
- Hayden, David H., to Beach & Shore, Inc. Erosion control apparatus. 2,755,631, 7-24-56, Cl. 61-4.
- Hayden, David H., to Beach & Shore, Inc. Table with folding legs rigidly held extended. 2,756,118, 7-24-56, Cl. 311-87.
- Hayden, Ernest A.: *See—*
- Stone, Albert F., and Hayden. 2,747,621.
- Hayden, Helen M. Slipper. 2,770,055, 11-13-56, Cl. 36-51.
- Hayden, James F.: *See—*
- Hinz, Harvey P., Hayden, and Offensend. 2,738,704.
- Hayden, Kenneth F.: *See—*
- Backensto, Elwood B., and Hayden. 2,747,969.
- Hayden, Martin W., to Fildcrest Mills, Inc. Sheet folding apparatus. 2,749,116, 6-5-56, Cl. 270-84.
- Hayden-Pigg, Godfrey E., to Marconi's Wireless Telegraph Co. Ltd. Sync pulse-emphasizing amplifier. 2,750,575, 1-10-56, Cl. 179-171.
- Haydon, Arthur W., to Consolidated Electronics Industries Corp. Motor speed governor. 2,740,080, 3-27-56, Cl. 318-311.
- Haydon, Arthur W., to Haydon Switch, Inc. Snap action switch. 2,773,954, 12-11-56, Cl. 200-67.
- Haydon, Arthur W., and H. H. Walley, to Haydon Switch, Inc. Snap action switch. 2,773,955, 12-11-56, Cl. 200-67.
- Haydon, John E. Threadless power saw of reciprocating blade type. 2,764,189, 9-25-56, Cl. 143-159.
- Haydon, Edward K.: *See—*
- Dunn, Harold G., Sibbald, and Haydon. 2,734,366.
- Haydon, Edward K., to The Hoover Co. Receptacle arrangement for washing machines. 2,755,650, 7-24-56, Cl. 68-131.
- Haydon Mfg. Co., Inc.: *See—*
- Poole, Arthur B. 2,747,116.
- Haydon Switch, Inc.: *See—*
- Haydon, Arthur W. 2,773,954.
- Haydon, Arthur W. and Walley. 2,773,955.
- Hayek, Arthur F.: *See—*
- Uvoisin, Jean A., and Hayek. 2,757,234.
- Gray, John W., Hayek, Finkler, and Reed. 2,761,332.
- Hayek, Samuel, to E. I. du Pont de Nemours and Co. Water insoluble polymeric quaternary ammonium carboxylate salts and the treatment of textiles therewith. 2,741,568, 4-10-56, Cl. 117-139.5.
- Hayes, Arthur F. Apparatus for removing fly. 2,774,994, 12-19-56, Cl. 19-98.
- Hayes, Barbara G. Exerciser. 2,729,271, 1-8-56, Cl. 155-17.

- Hayes, Brice E.: *See*—  
McMillan, John L. 2,763,931.
- McMillan, John L. 2,763,932.
- Hayes, Charles F.: General Motors Corp. Combustion chamber with swirler. 2,768,497, 10-30-56, Cl. 60—30.65.
- Hayes, Charles W.: *See*—  
Laurence, Lawton L. and Hayes. 2,768,118.
- Hayes, Cletus T.: to Oxy-Catalyst, Inc. Drying oven and operation therefor. 2,743,529, 5-1-56, Cl. 34—35.
- Hayes, Dale L.: to American Zinc, Lead and Smelting Co. Self-loading transport vehicle and dump gate therefor. 2,743,828, 5-1-56, Cl. 214—78.
- Hayes, Dale L.: to American Zinc, Lead & Smelting Co. Coupling mechanism for coupling self-loading transport to powered vehicle. 2,768,006, 10-23-56, Cl. 280—481.
- Hayes, Daniel L. 50% to R. W. Ciscio, Jr. Automatic guide rail for rotatable-pallet conveyor systems. 2,775,333, 12-25-56, Cl. 198—19.
- Hayes, Harold L. Removable insert for a lunch box. 2,731,996, 1-24-56, Cl. 150—5.
- Hayes, Hugh E.: *See*—  
Harmon, Luther R. 2,739,305.
- Hayes Industries, Inc.: *See*—  
Hall, Karl J. and Cary. 2,731,193.
- Hayes, James H. Overrunning clutch and one way brake with disabler for fishing reel. 2,769,510, 11-6-56, Cl. 188—82.3.
- Hayes, James H. One way brake. 2,769,511, 11-6-56, Cl. 188—82.9.
- Hayes, John H.: *See*—  
Darling, Jack C. and Hayes. 2,731,204.
- Hayes, John M. Time and weather indicator. 2,763,122, 8-18-56, Cl. 58—58.
- Hayes, Kenyon J.: *See*—  
Drake, Gordon D., Gever, and Hayes. 2,740,792.
- Drake, Gordon D., Gever, and Hayes. 2,759,931.
- Ebeto, Frank F., Gever, and Hayes. 2,759,932.
- Hayes, Kenyon J., and G. D. Drake, to The Norwich Pharmacal Co. Method of preparing saturated aliphatic beta-secondary and tertiary-amino alcohols. 2,744,141, 5-1-56, Cl. 260—584.
- Hayes, Lester P.: *See*—  
Wolff, Hans, and Hayes. 2,754,309.
- Hayes, Martin E., and G. A. Kiesel, to Westinghouse Electric Corp. X-ray apparatus. 2,748,287, 5-29-56, Cl. 250—65.
- Hayes, Marvin F., to T. W. Hallerberg. Indicator lamp housing. 2,769,974, 11-6-56, Cl. 340—366.
- Hayes, Millard F. Driving mechanism. 2,765,677, 10-9-56, Cl. 74—689.
- Hayes, Monson H.: *See*—  
West, James L., and Hayes. 2,771,578.
- Hayes, Monson H., to Link Aviation, Inc. Anti-loading circuits. 2,767,102, 10-30-56, Cl. 307—149.
- Hayes, Richard H., and D. D. Wendt, to Bemis Bro. Bag Co. Bandleader construction. 2,739,746, 3-27-56, Cl. 224—17.
- Hayes, Robert A., to The Firestone Tire & Rubber Co. Compositions of styrene resins, butadiene rubbers and graft copolymers of styrene on butadiene rubbers. 2,755,270, 7-17-56, Cl. 260—45.5.
- Hayes, Robert A., and G. M. Reimer, to Union Special Machine Co. Feed mechanism for sewing machines. 2,730,977, 1-17-56, Cl. 112—214.
- Hayes, Robert W. Automatic feed and egg conveyor type laying cage battery. 2,756,721, 7-31-56, Cl. 119—48.
- Hayes, Stanley A. Valve. 2,741,453, 4-10-56, Cl. 251—298.
- Hayes, Stanley W., to Hayes Track Appliance Co. Wheel stop. 2,737,125, 3-6-56, Cl. 104—258.
- Hayes, Stanley W., to Hayes Track Appliance Co. Wheel retainer with wedge actuated clamps. 2,762,314, 9-11-56, Cl. 104—258.
- Hayes, Thomas B. Pump speed control arrangement. 2,734,458, 2-14-56, Cl. 103—35.
- Hayes Track Appliance Co.: *See*—  
Hayes, Stanley W. 2,737,125.
- Hayes, Stanley W. 2,762,314.
- Hayes, William, to Armstrong Cork Co. Cam-setting device. 2,741,212, 10-56, Cl. 165—124.
- Hayford, Benjamin I., and L. E. Keck, to Westinghouse Electric Corp. Metal clad switchgear. 2,735,042, 2-14-56, Cl. 317—99.
- Hayford, Donald S.: *See*—  
Hayford, John T. and D. S. 2,749,837.
- Hayford, John T. and D. S. Bundle packaging and wrapping machine. 2,749,837, 6-12-56, Cl. 100—28.
- Haygarth, Edward D., to Pneumatic Scale Corp., Ltd. Vacuum filling apparatus. 2,738,119, 3-13-56, Cl. 226—116.
- Hayhurst, Ernest R. Electrical moving chart. 2,730,826, 1-17-56, Cl. 40—32.
- Haylo Controls Corp.: *See*—  
Hartley, Nelson. 2,742,201.
- Hayman, George C., and W. M. Shepherd, Jr.: said Shepherd, Jr., assor. to said Hayman. Window construction. 2,740,999, 4-10-56, Cl. 20—54.
- Hayne, Lloyd E.: *See*—  
Pull, Bernard T., Fahlberg, and Hayne. 2,729,536.
- Hayner, Paul F., to Sanders Associates, Inc. Two-stage differential servo valve. 2,771,062, 11-20-56, Cl. 121—41.
- Haynes, Alex L., C. E. Rawden, and W. A. Van Wicklin, to Ford Motor Co. Power steering mechanism. 2,773,396, 12-11-56, Cl. 74—388.
- Haynes, Clyde H., to Aircraft-Marine Products Inc. Wire connector. 2,768,363, 10-23-56, Cl. 339—270.
- Haynes, Harold E., to Radio Corp. of America. Color correction systems. 2,740,828, 4-3-56, Cl. 178—5.2.
- Haynes, Herbert S., to International Telephone and Telegraph Corp. Pulse code modulator. 2,729,790, 1-8-56, Cl. 332—1.
- Haynes, Herman H., and J. V. Shattling, to United States Steel Corp. Automatic drip shield for coil baker. 2,739,393, 3-27-56, Cl. 34—57.
- Haynes, Joseph E. Window shaft tensioning device. 2,731,287, 1-17-56, Cl. 292—76.
- Haynes, Munro K.: *See*—  
Coward, Richard G., Haynes, and Whitney. 2,740,848.
- Haynes, Munro K., to International Business Machines Corp. Magnetic element memory matrix. 2,739,300, 3-20-56, Cl. 340—174.
- Haynes, Munro K., to International Business Machines Corp. Circuit board transfer circuits. 2,763,851, 9-18-56, Cl. 340—174.
- Haynes, Nelson R. Clothesline support. 2,774,482, 12-18-56, Cl. 211—119.09.
- Haynes, Walter O., to Abercrombie & Fitch Co. Tennis bag. 2,767,758, 10-23-56, Cl. 150—52.
- Haynes, William J., to Leavenworth Steel, Inc. Basket carrying cart. 2,745,675, 5-15-56, Cl. 280—47.24.
- Haynie, Edna R. Erasing shield for use with the typewriter. 2,755,773, 7-24-56, Cl. 120—11.
- Hayz, Clyde C. Sludge removing means. 2,732,944, 1-31-56, Cl. 210—55.
- Hayz Corp., The: *See*—  
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- Hayz Mfg. Co.: *See*—  
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- Hayz, Robert A., Jr. Apparatus for automatically setting and releasing vehicle brakes. 2,734,890, 2-14-56, Cl. 121—31.
- Hayzlip, Homer C., 1/2 to Edwards Mfg. Co. Shirt cardboard. 2,737,321, 3-6-56, Cl. 223—71.
- Hayer, Walter R., Jr.: *See*—  
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- Hayward, Albert J. Self-centering chuck. 2,765,176, 10-2-56, Cl. 279—114.
- Hayward, Frank W., C. J. Zablocki, and K. R. Scribner, to the United States of America as represented by the Secretary of the Navy. Oxy-hydrogen flash detonator tester. 2,730,890, 1-17-56, Cl. 73—39.
- Hayward, Harold N., and H. M. Diener. Drive mechanism for scanning devices. 2,743,616, 5-1-56, Cl. 74—31.
- Hayward, James R., and J. A. Schild, to McCord Corp. Apparatus for making connections. 2,761,195, 9-4-56, Cl. 28—33.
- Hayward, Leslie H.: *See*—  
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- Hayward, Robert D., to B. K. Sweeney Mgr. Co. Power-operated, remotely controlled, hollow shaft wrenches. 2,757,563, 8-7-56, Cl. 81—49.
- Hayward, Roger, to Lunden, Hayward & O'Connor. Bassinet mounting. 2,752,614, 7-3-56, Cl. 5—9.3.
- Hayward-Tyler & Co. Ltd.: *See*—  
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- Nicol, Kenneth, and Mansfield. 2,768,584.
- Haywood, George L., to Norton Co. Coated abrasives. 2,755,607, 7-24-56, Cl. 51—185.
- Haywood, Gerald, to Ionics, Inc. Method of producing sulfite cements by facilitating removal of offshore platform constituents therefrom. 2,736,635, 2-28-56, Cl. 23—129.
- Haywood, Vernon M., R. L. Cayoutte, and H. C. Turnage. Radio ranging system. 2,742,638, 4-17-56, Cl. 343—12.
- Haywood, William A.: *See*—  
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- Hayworth, Byron B., to Radio Corp. of America. Demountable film reel. 2,775,412, 12-25-56, Cl. 242—70.
- Hazak, John T., to Raymond Concrete Pile Co. Methods and means for facilitating removal of offshore platform supports from mud. 2,774,218, 12-18-56, Cl. 61—46.5.
- Hazard, René, J. Chermol, P. Chabrier, and J. E. Thuillier, to Les Laboratoires Bruneau & Cie (Société à Responsabilité limitée). Piperazine derivatives, production thereof and suppositories comprising the same. 2,762,744, 9-11-56, Cl. 167—64.
- Hazel, Stanley G., and R. B. Richards, to The Sherwin-Williams Co. Automatic closure machine. 2,734,673, 2-14-56, Cl. 228—88.1.
- Hazebrook, Kenneth M., R. R. Diesen, and J. O. Melton, to R. R. Kellogg Advertising Services, Inc. Reflector display device. 2,731,747, 1-24-56, Cl. 40—126.
- Hazeltine, James E., Jr., to Armstrong Cork Co. Plastic floor coverings and method for producing same. 2,731,358, 1-17-56, Cl. 117—15.
- Hazeltine Research, Inc.: *See*—  
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- Bloch, Alfred. 2,771,583.
- Douglas, Ronald W., and Ryde. 2,736,849.
- Espenlaub, Walter C. 2,734,356.
- Granqvist, Carl-Erik. 2,730,716.
- Granqvist, Carl-Erik. 2,743,441.
- Granqvist, Carl-Erik. 2,747,181.
- Granqvist, Carl-Erik. 2,759,565.
- Granqvist, Carl-Erik. 2,744,866.
- Halden, Frederick C. 2,770,686.
- Hirsch, Charles J. 2,754,481.
- Hirsch, Charles J., and Press. 2,735,015.
- Loughlin, Bernard D. 2,730,664.
- Loughlin, Bernard D. 2,734,940.
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 Okrent, Jasper J. 2,740,109.  
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 Hazen, Ethmer, to Pittsburgh Plate Glass Co. Plaster applicator. 2,736,997, 3-6-56, Cl. 51-262.  
 Hazen, Gretzolon L., to James Mfg. Co. Feed hopper for a reciprocating trough conveyor. 2,745,539, 5-15-56, Cl. 198-37.  
 Hazen, Lytle L. Electric socket and plug construction. 2,731,615, 1-17-56, Cl. 339-189.  
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 Heald, Bert L., to Western Electric Co., Inc. Electric furnace. 2,763,704, 1-18-56, Cl. 13-20.  
 Heald, Earl T., to Pillsbury Mfgs. Inc. Cutting and handling dough. 2,734,465, 2-14-56, Cl. 107-84.  
 Heald, Cornelius R.,  $\frac{1}{4}$  to R. P. Glover and  $\frac{1}{4}$  to B. H. Busby. Cylinder liner assembly for pumps and packing means therefor. 2,757,056, 7-31-56, Cl. 309-3.  
 Heald, James D., to The Dow Chemical Co. Preparation of 1-bis(aryl)methyl-2-arylimidazolidine compounds. 2,753,355, 7-3-56, Cl. 260-309.7.  
 Heald, James D., and O. D. Ivins, to The Dow Chemical Co. Method of forming phthalaldehyde acid from pentachloro-xylene. 2,748,161, 6-29-56, Cl. 260-515.  
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 Headland, Herbert N.: *See*—  
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 Healy, James H., and J. D. Sullivan, to A. O. Smith Corp. Preparation of steel for glassing and resultant article. 2,754,222, 7-10-56, Cl. 117-53.  
 Healy, James J. Eye-glass cleaning kits. 2,741,359, 4-10-56, Cl. 206-38.  
 Healy, James J. Pipe rests or holders. 2,768,632, 10-30-56, Cl. 131-260.  
 Healy, James W. Toggle wrench. 2,769,359, 11-6-56, Cl. 81-84.  
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 Healy, Joseph F., to Harvey Hubbell, Inc. Cord grip for electrical devices. 2,763,846, 9-18-56, Cl. 339-103.  
 Healy, Thomas F., to H. S. D. Laboratories, Inc. Method of treating liquids and method of sterilizing instruments therewith. 2,775,533, 12-25-56, Cl. 117-64.  
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- White, James E., and Heaps. 2,740,489.  
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 Heater, Charles L., and C. J. W. Clasen, to American Steel Foundries. Spring bolster truck. 2,751,857, 6-26-56, Cl. 105-197.  
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 Heath, Alfred E., to Radio Corp. of America. Process for manufacturing small parts from thin metals. 2,735,763, 2-21-56, Cl. 95-3-7.  
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 Heath, Charles W., and H. G. A. Kay, to United Carr Fastener Corp. Electrical plug-in connectors. 2,736,872, 2-28-56, Cl. 339-142.  
 Heath, John W., D. M. Hodgins, Jr., L. R. Spogen, Jr., and H. A. Stover, to Collins Radio Co. Flux control means. 2,758,425, 3-13-56, Cl. 250-40.  
 Heath, Leonard C., and A. W. Birks, to Rolls-Royce Ltd. Inspection apparatus for engineering parts. 2,752,690, 7-3-56, Cl. 33-174.  
 Heath, Thomas C., to General Motors Corp. Generator regulation. 2,747,106, 5-22-56, Cl. 290-36.  
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 Heath, William W., to Watson-Flage Machine Co. Drive for deep regulated propeller. 2,737,920, 3-13-56, Cl. 115-41.  
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 Heaton, Lex L. Ash tray. 2,743,730, 5-1-56, Cl. 131-240.  
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 Heavener, Harvey R., to General Motors Corp. Machine for intermittently driving an actuating member. 2,760,380, 8-28-56, Cl. 74-424.8.  
 Hebard, Glen G., and E. S. Miles, to Phillips Petroleum Co. Well packer and tubing hanger therefor. 2,753,941, 7-10-56, Cl. 166-123.  
 Hebel, Edward S. Cable connections. 2,753,392, 7-3-56, Cl. 174-84.  
 Hebel, William F. Fingergrip wiper for bowling balls. 2,744,279, 5-8-56, Cl. 15-210.  
 Heberlein, Gustave E., to I-T-E Circuit Breaker Co. Disconnect switch. Re. 24,216, 9-11-56, Cl. 200-48.  
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 Hebrank, Charles R. Combination seat and fatigue-relieving back rest. 2,734,556, 2-14-56, Cl. 155-131.  
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- Hecht, Otto F., to General Aniline & Film Corp. Production of alkylnols and alkyneols. 2,763,215, 10-23-56, Cl. 260-638.
- Heck, Edwin R., to Bradley Associates, Inc. Hinge structure for molded plastic boxes. 2,732,881, 1-31-56, Cl. 16-171.
- Heck, John F., Jr., to New Algepheny Mfg. Co. Underground trap for leaks in gas pipes. 2,744,815, 5-8-56, Cl. 48-193.
- Heck, Norman C., *See*—
- Race, Austin T., Jr., and Heck. 2,746,772
- Hecker, Arthur C., *See*—
- Leistner, William E., and Hecker. 2,759,906.
- Hecker, Harvard K., to Curtis Mfg. Co. Lifting devices. 2,732,917, 1-31-56, Cl. 187-8.62.
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- Heckert, Richard E., to E. I. du Pont de Nemours and Co. N-tricyanovinylamines and a process for preparing them. 2,762,832, 9-11-56, Cl. 260-465.
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- Gruber, Wolfgang, Heckmaier, and Dorlat. 2,729,585.
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- Ehret, John, Jr., and Heckman. 2,731,772.
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- Hecox, William, *See*—
- Finlay, Alexander, Jr., Hecox, and Thompson. 2,773,951.
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- Hedberg, Carl W. J., *See*—
- Chamberlain, Ralph L., and Hedberg. 2,756,842.
- Hedden, Robert R., to Emeco Mfg. Co. Combination free swivel and controlled torque joint. 2,751,767, 6-26-56, Cl. 64-30.
- Hedding, Linnie K., *See*—
- Zygmunt, Henry J., and Hedding. 2,746,122.
- Hedding, Linnie K., to Westinghouse Air Brake Co. Manufacturing of small rectifier cells. 2,775,023, 12-25-56, Cl. 29-25.3.
- Hedlund, John W., *See*—
- Frevel, Ludo K., and Hedlund. 2,734,073.
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- Hedge, Lafayette B., *See*—
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- Hedges, Charles S., to The Vendo Co. Refrigerated vending machine. 2,732,974, 1-31-56, Cl. 221-184.
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- Engel, William R. 2,765,990.
- Hedges, Harry O., to Hedges Motor Co. Piston for internal combustion engine. 2,752,212, 6-26-56, Cl. 309-8.
- Hedges Motor Co., *See*—
- Hedges, Harry O. 2,752,212.
- Hedges, Robert O., *See*—
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- Getz, Delmond L., and Hedges. 2,760,564.
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- Hedin, Milton W., to Minnesota Mining & Mfg. Co. Package-dispenser for rolled strip material. 2,767,833, 10-23-56, Cl. 206-52.
- Hedin, Robert S., *See*—
- Fischer, Paul E., Hedin, Swanson, and Wissman. 2,738,714.
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- Hedley, Norman, *See*—
- Booth, Robert B., and Hedley. 2,729,557.
- Hedlun, Ernest E. Sheet feeding apparatus. 2,759,729, 8-21-56, Cl. 271-10.
- Hedlund, Harold R., and K. E. Burnham, to Waldorf Paper Products Co. Conveyor timing mechanism. 2,743,000, 4-24-56, Cl. 198-34.
- Hedlund, Junior M., *See*—
- Hedlund, Wilfred E., J. M., and M. R. 2,768,821.
- Hedlund, Wilfred E., M. R. and J. M. 2,754,103.
- Hedlund, Lars G., *See*—
- Carlsson, Lars E., and Hedlund. 2,761,073.
- Hedlund, Martin R., *See*—
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- Hedlund, Oscar, and J. A. Edwards, Jr., to Eaton Mfg. Co. Welding apparatus and method. 2,729,578, 1-3-56, Cl. 117-93.
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- Hedrich, Albert L., *See*—
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- Hedrich, Otto H., and C. O'Connor, to The Permutit Co. Water deaerating apparatus. 2,741,327, 4-10-56, Cl. 183-2.5.
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- Hedrick, Ross M., *See*—
- Mowry, David T., and Hedrick. 2,754,623.
- Hedrick, William R. Threadless bolt rail joint. 2,746,687, 6-26-56, Cl. 232.
- Hedstrom, Olof H., to Hartford City Paper Co. Laminated wrapping. 2,755,213, 7-17-56, Cl. 154-50.
- Hedstrom, Otto, to Armour and Co. Hog head coating apparatus. 2,741,311, 6-5-56, Cl. 17-1.
- Hedstrom, Union Co., *See*—
- Boucher, Raymond W. 2,733,755.
- Boudreau, Alban M. 2,733,928.
- Hedtmann, Eugen, *See*—
- Goros, Wolfgang, Hedtmann, and Kotte. 2,757,875.
- Hedu, Jon, to The Watertown Mfg. Co. Salt shaker. 2,756,909, 7-31-56, Cl. 222-459.
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- Winstead, Thomas W. 2,734,224.
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- Heesard, Eric, to International Minerals & Chemical Corp. Purification process. 2,742,482, 4-17-56, Cl. 260-326.3.
- Heeley, Roland, to United Shoe Machinery Corp. Inserting machines having rotary anvils. 2,746,041, 5-22-56, Cl. 1-2.
- Heide, Heinrich, to the United States of America as represented by the Secretary of the Navy. Pump and liquid shaft seal therefor. 2,764,945, 10-2-56, Cl. 103-111.
- Heeres, Jan M. Mirror for ladies' hose. 2,752,822, 7-8-56, Cl. 88-97.
- Heering, Harry, to Siemens-Schuckertwerke Aktiengesellschaft. Manufacture of copper wire for varnish-insulated wires. 2,736,957, 3-6-56, Cl. 29-528.
- Heesemann, Karl. Grinding machine. 2,747,341, 5-29-56, Cl. 51-141.
- Heetman, Alphonsus, *See*—
- De Kroes, Jan L., and Heetman. 2,775,726.
- Heetman, Alphonsus, and J. L. De Kroes, to Hartford National Bank and Trust Co., as trustee. Counter-supervising circuit arrangement. 2,760,001, 8-21-56, Cl. 179-7.
- Hefferan, Albert, and G. L. Jones, said Hefferan assor. of 50% of his right to G. L. Jones. Doll for simulation of pathological fever. 2,774,184, 12-18-56, Cl. 46-234.
- Hefley, Howard H., to The Toledo Plate and Window Glass Co. Glass polishing machine. 2,735,238, 2-21-56, Cl. 51-110.
- Heffner, Francis E., to General Motors Corp. Test chamber. 2,766,624, 10-16-56, Cl. 73-432.
- Heffner, Robert E., to Phillips Petroleum Co. Quench section for carbon black production furnace. 2,731,466, 1-17-56, Cl. 23-259.5.
- Hefner, Bert H., and R. C. Weide, to General Motors Corp. Air operated piston and cylinder assembly. 2,737,157, 3-6-56, Cl. 121-38.
- Heflter, Maurice B. Coasting economizers. 2,751,201, 6-19-56, Cl. 261-41.
- Hegarty, John J. Suspension apparatus for use with load carrying mechanism. 2,770,381, 11-13-56, Cl. 214-731.
- Hegesis, Balthasar, to Hoffmann-La Roche Inc. Novel diacylates hydrazines and process for the manufacture thereof. 2,746,968, 5-22-56, Cl. 260-295.
- Hegeman, Andrew S., Jr., *See*—
- Chatterton, Earl L., and Hegeman. 2,743,419.
- Heger, August, *See*—
- Wyth, Albert, and Heger. 2,755,073.
- Heger, James J., and M. A. Orehoski, to United States Steel Corp. Method of descaling steel. 2,757,107, 7-31-56, Cl. 148-121.
- Hegyi, Moses, *See*—
- Ingersoll, James H., White, Kovalick, Hegyi, Ruisard, and Levitt. 2,775,073.
- Hehenkamp, Theodorus, *See*—
- Moerkens, Josef C., and Hehenkamp. 2,752,557.



- Hehenkamp, Theodor, to Hartford National Bank and Trust Co., as trustee. Tapped-transformer system. 2,748,344, 5-29-56, Cl. 323-43.5.
- Hehenkamp, Theodor, and J. C. Moerkens, to Hartford National Bank and Trust Co., trustee. Lighting device. 2,763,810, 9-18-56, Cl. 315-98.
- Hehn, Louis F., to Mills Industries, Inc. Coin changing device. 2,732,054, 1-24-56, Cl. 194-10.
- Hehr Mfg. Co., See—
- Schneider, John, 2,749,648.
- Heibel, Jerome D., to Erie Resistor Corp. Resistors and method of making the same. 2,745,931, 5-15-56, Cl. 201-73.
- Heibel, Jerome D., to Erie Resistor Corp. Apparatus for producing printed circuits. 2,766,482, 10-16-56, Cl. 18-30.
- Heibel, Jerome D., to Erie Resistor Corp. Method and apparatus for making condensers. 2,766,510, 10-16-56, Cl. 29-25.42.
- Heibel, Jerome D., and B. L. Joyner, to Erie Resistor Corp. Method of making ceramic pieces. 2,760,314, 8-28-56, Cl. 51-283.
- Heide, Henry A., to The Peterson Oven Co. Means for controlling position of articles on conveyors. 2,739,696, 3-27-56, Cl. 198-34.
- Heide, Stanford M., to Chicago Coin Machine Co. Racing game apparatus. 2,732,210, 1-24-56, Cl. 273-30.
- Heidecke, Reinhold, to Franke & Heidecke Fabrik Photographischer Präzisions-Apparate. Stereoscopic camera. 2,729,153, 1-3-56, Cl. 95-18.
- Heidecke, Reinhold, to Franke & Heidecke, Fabrik Photographischer Präzisions-Apparate. Transparent film guide for photographic cameras. 2,739,515, 3-27-56, Cl. 95-31.
- Heidecke, Reinhold, and H. Brethauer, to Franke & Heidecke, Fabrik Photographischer Präzisions-Apparate. Mounting ring for camera accessories. 2,732,751, 1-31-56, Cl. 88-1.
- Heidenrich, Oliver R., to The Elwell-Parker Electric Co. Industrial truck trailer. 2,763,389, 9-18-56, Cl. 214-506.
- Heinard W., to E. I. du Pont de Nemours and Co. Production of monophosphoric acid. 2,765,216, 10-2-56, Cl. 23-165.
- Heiderich, Lloyd W. Live bait protector. 2,740,224, 4-3-56, Cl. 43-41.
- Heldler, Jacob L. Liquid container. 2,761,423, 9-4-56, Cl. 113-2.
- Heidman, William A., Jr. Direction signal switch. 2,766,344, 10-9-56, Cl. 200-61.29.
- Heidner, Richard C., K. R. Pike, and W. B. Burkett, to West Bend Aluminum Co. Two-cycle internal combustion engine with improved fuel induction means. 2,745,390, 5-15-56, Cl. 42-73.
- Heidorn, John H., to General Motors Corp. Method of forming passages in a forgedwelded sheet metal structure. 2,756,487, 7-31-56, Cl. 29-157.3.
- Heidorn, John H., to General Motors Corp. Two-temperature refrigerating system. 2,774,219, 12-18-56, Cl. 62-4.
- Heid, Lawrence J., to Sugar Research Foundation, Inc. Process for producing colorless sterile invert sugar solution. 2,758,040, 8-7-56, Cl. 127-41.
- Heighton, Harry W., See—
- Di Marco, Thomas J., and Heighton. 2,744,214.
- Heigl, John E., See—
- Hickok, John E., Smith, and Heigl. 2,767,123.
- Heigl, John J., to Esso Research and Engineering Co. Aircraft fuel filter system. 2,729,338, 1-3-56, Cl. 210-150.5.
- Heikes, Norman L., See—
- Stahl, Robert J., and Heikes. 2,743,188.
- Heikkila, Pentti. Electric clock time indicating device. 2,749,704, 6-12-56, Cl. 68-126.
- Heil Co., The, See—
- Rea, George A. 2,730,401.
- Weissel, John E. 2,731,283.
- Heil-Coil Corp., See—
- Lang, Eugene M. 2,745,457.
- Heil, Theodore. Convertible utility trailer and camp tent. 2,733,951, 7-2-56, Cl. 296-23.
- Hellbronner, Harry S., to The Perry Knitting Co. Garment construction. 2,746,054, 5-22-56, Cl. 2-83.
- Heiler, Fred, See—
- Schmid, John H., and Heiles. 2,743,946.
- Heilmann, Randall G., and P. B. Stickney, to The Borden Co. Polymerization of ethylene with bis-diazobenzenesuccinate. 2,758,107, 8-7-56, Cl. 260-94.9.
- Heilmann, Randall G., and P. B. Stickney, to The Borden Co. Polymerization of ethylene with promoted catalysts. 2,765,297, 10-2-56, Cl. 260-94.9.
- Heilmann, Kenneth A., See—
- Alles, Francis P., and Heilmann. 2,728,941.
- Heilshorn, Richard J. D., See—
- Carlyle, William J. 2,739,377.
- Carlyle, William J. 2,740,034.
- Heilshorn, Richard D., to Continental Can Co., Inc. Method of and apparatus for welding lap seams. 2,774,858, 12-18-56, Cl. 219-78.
- Heim, Charles R., to The Heim Co. Method of mounting a bearing to compensate for misalignment and prevent splitting of outer member. 2,738,570, 3-20-56, Cl. 29-149.5.
- Heim Co., The, See—
- Heim, Charles R. 2,738,570.
- Heim, Lewis R. 2,759,244.
- McCloskey, Albert R. 2,767,034.
- Heim, Irwin. Machine for assembling lantern slides and the like. 2,748,417, 6-5-56, Cl. 15-308.
- Heim, Lewis R., to The Heim Co. Method of making bearing. 2,759,244, 8-21-56, Cl. 29-149.5.
- Heimberg, Karl, to Compagnie Generale des Conduites d'Eau. Process of extracting iron from ores. 2,739,056, 3-20-56, Cl. 15-46.
- Heimel, Sidney J. Reversible window fan. 2,753,787, 7-10-56, Cl. 98-94.
- Heimann, Joseph B., to Kearfott Co., Inc. Potentiometer for vertical reference system. 2,751,472, 6-19-56, Cl. 201-48.
- Heimann, Karl W., See—
- Schwab, Max, and Heimann. 2,759,444.
- Heimann, Walter. Apparatus for evaporation of chemical compounds. 2,752,882, 7-3-56, Cl. 118-49.
- Heimark, Clarence J., 1/2 to C. D. Flett. Open-end wrench with readily reengageable jaws. 2,763,175, 9-18-56, Cl. 81-163.
- Heimann, John W., and R. R. Cosner, to Union Carbide and Carbon Corp. Remotely controlled car uncoupling systems. 2,746,615, 5-22-56, Cl. 213-212.
- Heimaster, John W., and S. B. Spracklen, to Union Carbide and Carbon Corp. Remotely controlled bore mining machine—automatic course controller. 2,761,666, 9-4-56, Cl. 262-12.
- Heimbigner, Gilbert J. Grass- and sod-trimming device. 2,764,926, 10-2-56, Cl. 97-227.
- Heimbuch, Elmer F., to Brummer Seal Co. Valve stem oil deflector means. 2,759,466, 8-21-56, Cl. 123-90.
- Heimbuch, Elmer F., to Brummer Seal Co. Water cooled annular seal. 2,769,390, 1-3-56, Cl. 103-111.
- Heimes, William. Adjustably mounted bench clamp. 2,764,195, 9-25-56, Cl. 144-290.
- Heimgartner, Leo C., See—
- Clingman, Paul E., and Heimgartner. 2,738,826.
- Heimgartner, Paul, to Maschinenfabrik Winkler, Fullert & Co., A. G. Inking mechanism for intaglio printing machines. 2,741,175, 4-10-56, Cl. 101-157.
- Heimos, Milton J., See—
- Williams, Russell J., and Heimos. 2,751,142.
- Helmach, Robert A., See—
- Johnson, William S., and Helmsch. 2,730,512.
- Heimstra, John C. Brake and anti-skid attachment for a vehicle. 2,775,314, 12-25-56, Cl. 188-5.
- Hein, Carl C., to Westinghouse Electric Corp. Preparation of pure crystalline silicon. 2,747,971, 5-29-56, Cl. 23-13.5.
- Hein, Delton W., to American Cyanamid Co. Preparation of isomeric 1-phenyl-1,2-dicyanoethylenes. 2,732,258, 1-31-56, Cl. 260-465.
- Hein, Delton W., G. R. Waitkins, and H. T. Lacey, to American Cyanamid Co. Azo pigments from dichlorotoluidine sulfonic acid coupled to beta-naphthol. 2,754,294, 7-10-56, Cl. 260-197.
- Hein, Delton W., G. R. Waitkins, and H. T. Lacey, to American Cyanamid Co. Azo pigments from dichlorotoluidine sulfonic acid coupled to betaoxynaphthoic acid. 2,765,300, 10-2-56, Cl. 260-151.
- Hein, Delton W., Hypodermic injection apparatus. 2,743,723, 5-1-56, Cl. 128-215.
- Hein, George N., Jr. Hypodermic injection apparatus. 2,737,946, 3-13-56, Cl. 128-173.
- Hein, Harold W., See—
- Harstick, William H., Hodson, and Hein. 2,769,647.
- Hein, Harold W., to International Harvester Co. Adjustable bracket for pipe-line arrangement. 2,757,023, 7-31-56, Cl. 285-31.
- Heindel, Herbert H., See—
- Holmes, Burton F., and Heindel. 2,746,001.
- Heinrich, Thomas J., and G. Meister, to Westinghouse Electric Corp. Discharge lamp, mount therefor, and method. 2,769,112, 10-30-56, Cl. 313-213.
- Heinecke, Erich, to International Standard Electric Corp. Circuit arrangement to neutralize the grid-to-anode capacity in screen-grid tubes. 2,774,874, 12-18-56, Cl. 250-36.
- Heineman, Robert K. Cutting tool grinding fixture. 2,730,846, 1-17-56, Cl. 51-122.
- Heinemann, Harry B. Liquid measuring and dispensing device. 2,730,270, 1-10-56, Cl. 222-205.
- Heinemann, Heinz, See—
- Obblad, Alex G., and Heinemann. 2,760,999.
- Heinemann, Heinz, to Houdry Process Corp. Reforming catalyst and process. 2,751,333, 6-19-56, Cl. 196-50.
- Heinemann, Heinz, and J. W. Wetzel, to Houdry Process Corp. Conversion of polycyclic hydrocarbons. 2,766,306, 10-9-56, Cl. 260-668.
- Heinemann, Milton, and V. L. R. James, to Boeing Airplane Co. Plug-type doors for pressurized cabins. 2,751,636, 6-26-56, Cl. 20-16.
- Heinen, Charles M., See—
- Carter, Allan J., Hansen, and Heinen. 2,734,042.
- Heinrich, Erich, to Henkel & Cie. G. m. b. H. Water soluble ortho phosphates. 2,739,038, 3-20-56, Cl. 23-107.
- Heinig, Hughes. Dispensing device. 2,766,905, 10-16-56, Cl. 221-83.
- Heininger, Samuel A., See—
- Kosmin, Milton, and Heininger. 2,769,835.
- Heinje, Robert F., to Deere Mfg. Co. Laterally adjustable hitch for balers. 2,767,866, 10-23-56, Cl. 214-42.
- Hein, Joseph L., and W. J. Miller, to said Miller to said Heinel. Packaging machine. 2,757,500, 8-7-56, Cl. 53-253.
- Heine, August, See—
- Fullerton, Robert H. 2,743,755.
- Heinrich, August H., to Metal Seal & Products, Inc. Rotary seal. 2,743,948, 5-1-56, Cl. 286-11.
- Heinrich, August H., to Metal Seal & Products, Inc. Rotary seal. 2,747,903, 5-29-56, Cl. 286-11.15.

- Heinrich, Ernst: *See*—  
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- Heinrich, Helmut G., to Pioneer Parachute Co., Inc. Low opening shock stabilized parachute. 2,737,358, 3-6-56, Cl. 244—145.
- Heinrich, Leonard: *See*—  
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- Grancsay, Stephen V., and Heinrich. 2,769,175.
- Heinrich, Robert C. Initial adjusting mechanism for gripping members. 2,764,046, 9-25-56, Cl. 81—17-2.
- Heins, Harold, to Bomac Laboratories Inc. Microwave switching and attenuator device. 2,734,171, 2-7-56, Cl. 333—13.
- Heins, Harold, to Electric Laboratories, Inc. Resonant cavity attenuator. 2,734,174, 2-7-56, Cl. 333—81.
- Heintz, Charles E.: *See*—  
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- Heintz, James C.; The Cleveland Trust Co., executors of the said J. C. Heintz, deceased, to The James C. Heintz Co. Use of plaster of Paris forms in making metal castings. 2,766,498, 10-16-56, Cl. 22—174.
- Heintz, James C., Co., The: *See*—  
Heintz, James C. 2,766,498.
- Heintz, James C., Jr.,  $\frac{1}{2}$  to L. L. Felker and  $\frac{1}{2}$  to D. E. Crooker. Tire tread molds. 2,756,460, 7-31-56, Cl. 18—44.
- Heintz Mfg. Co.: *See*—  
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- Schuster, Ludwig K., and Baldi. 2,768,104.
- Schuster, Ludwig K., and Baldi. 2,773,823.
- Heintz, Milton L., to General Electric Co. Sequential switch. 2,767,262, 10-16-56, Cl. 200—5.
- Heintz, Ralph M., to Jack & Heintz, Inc. Magnetic pole structure. 2,770,744, 1-1-57, Cl. 262—1.
- Heintz, Rene, to Louvrou Montbard Alunoye. Straightening machines with hyperbolic rolls. 2,730,158, 1-10-56, Cl. 153—91.
- Heintzeler, Manfred: *See*—  
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- Heintzelman, Alma. Pie lifter. 2,758,868, 8-14-56, Cl. 294—81.
- Heintzelman, Leo A. Toy horse. 2,756,997, 7-31-56, Cl. 272—1.
- Heintzen, Harry R. Power piston cylinder assembly. 2,745,382, 5-15-56, Cl. 121—1.
- Heinz, Alfred, to Western Electric Co., Inc. Method and apparatus for making insertion loss measurements. 2,755,436, 7-17-56, Cl. 324—57.
- Heinz, Alfred, to Western Electric Co., Inc. Apparatus for measuring the significant parameters of condensers and coils. 2,759,146, 8-14-56, Cl. 324—57.
- Heinz, Bernard. Luminous attachment for lock barrels. 2,729,749, 7-23-56, Cl. 250—76.
- Heinz, H. J. Co.: *See*—  
Stimpson, Robert H., and Anderson. 2,733,651.
- Heinz, Walter E.: *See*—  
MacLean, Alexander F., and Heinz. 2,760,983.
- Heine, Richard, and Heinz. Method of manufacturing cylindrical bodies bearing graphic symbols. 2,762,080, 9-11-56, Cl. 18—59.
- Heinze, Robert V., to Submerged Combustion Co. of America, Inc. Method and apparatus for mining sulfur and other substances capable of being modified by heat. 2,754,098, 7-10-56, Cl. 262—3.
- Heinzelman, Harry D., Jr. Foldable swing. 2,753,921, 7-10-56, Cl. 155—58.
- Heinzelman, Richard V., and B. D. Aspergren, to The Upjohn Co. Amines. 2,773,069, 12-4-56, Cl. 260—326.5.
- Heise, Carl. Measuring and spraying device. 2,766,104, 7-24-56, Cl. 299—95.
- Heisenberg, Erwin: *See*—  
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- Heisenberg, Erwin, A. Kleine, and R. Lotz, to Vereinigte Glanzstoff-Fabriken Aktiengesellschaft. Preparation of alkylidene-bis-haloalkanoic amides. 2,739,170, 3-20-56, Cl. 260—561.
- Heisenberg, Erwin, and A. Watzl, to Vereinigte Glanzstoff-Fabriken A. G. Method of polycondensing diglycol esters of terephthalic acid. 2,742,451, 4-17-56, Cl. 260—75.
- Heisenberg, Erwin, E. Sigel, and A. Watzl, to Vereinigte Glanzstoff-Fabriken A. G. Process of carrying out the polycondensation glycol esters of terephthalic acid. 2,742,452, 4-17-56, Cl. 260—75.
- Heiser, Ferdinand F.: *See*—  
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- Heiser, Ferdinand F., L. V. McVey, and R. L. Vicenzi, to A-P Controls Corp. Gas flow control. 2,743,871, 5-1-56, Cl. 236—48.
- Heisig, Theodore C., to The Texas Co. Permanent anti-freeze liquid containing an anti-foam phase of a silicone in a mineral lubricating oil. 2,768,955, 10-30-56, Cl. 252—78.
- Heising, Robert A., to Deere Mfg. Co. Attachment means for forage harvester cutter. 2,767,753, 10-23-56, Cl. 146—129.
- Heisler, Albert: *See*—  
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- Heisler, Jerome S. and A., and Starr. 2,737,461.
- Heisler, Edward G.: *See*—  
Treadway, Robert H., and Heisler. 2,750,295.
- Heisler, Edward G., to the United States of America as represented by the Secretary of Agriculture. Dehydration of potatoes. 2,729,567, 1-3-56, Cl. 99—207.
- Heisler, Jerome S. and A., and A. J. Starr, to J. S. and A. Heisler. Method of forming hollow articles from polyethylene. 2,736,925, 3-6-56, Cl. 18—35.
- Heisler, Jerome S. and A., and A. J. Starr, to J. S. and A. Heisler. Process of forming adherent polyethylene coating on metal surfaces. 2,737,461, 3-6-56, Cl. 117—18.
- Heister, Robert W., to Johns-Manville Corp. Pipe coupling. 2,738,992, 3-20-56, Cl. 285—59.
- Heisterkamp, William F. Supplemental rubber half sole. 2,747,302, 5-29-56, Cl. 36—32.
- Heitinger, Eugene V., to Felt and Tarrant Mfg. Co. Zeroizing control mechanism. 2,729,393, 1-3-56, Cl. 235—130.
- Heitmann, Albert: *See*—  
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- Heitmueller, Hanfried, and I. Etrich. Stretching device for sheeting material. 2,754,548, 7-17-56, Cl. 19—127.
- Heitshull, Daniel C., to Deere & Co. Hitch device for tractor-mounted agricultural implements. 2,768,568, 10-30-56, Cl. 97—46.95.
- Heitz, Alphonse J.: *See*—  
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- Heitz, Robert G., and A. L. Rocklin, to The Dow Chemical Co. Removal of other acid gases from mixtures containing carbon dioxide. 2,747,962, 5-29-56, Cl. 23—2.
- Heizer, Edward J., and W. C. Axt, to Specialties Development Corp. Pneumatic time-delay fuse. 2,748,797, 6-5-56, Cl. 137—510.
- Heizer, Edward J., and E. A. Wentz, to Specialties Development Corp. Yarn tensioning device. 2,750,130, 6-12-56, Cl. 242—1.
- Heizer, Raymond T., Jr.: *See*—  
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- Hekelaar, Johannes P., to E. J. M. van de Pol. Automatically controlled ventilation device. 2,749,833, 6-12-56, Cl. 137—510.
- Hekelaar, Maarten, to Hartford National Bank and Trust Co., trustee. Permanent magnet. 2,751,525, 6-19-56, Cl. 317—201.
- Helander, Irving H. Boat carrier. 2,763,412, 9-18-56, Cl. 191—1.
- Helberg, Wilbur N.: *See*—  
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- Helbig, John, to Cyclo Mfg. Co. Portable abrading and polishing machine. 2,759,305, 8-21-56, Cl. 51—170.
- Helbing, Clarence H., to Pittsburgh Plate Glass Co. Surfacing resin bodies. 2,769,742, 11-6-56, Cl. 154—120.
- Held, Aloys J., to R. J. Slavsky. Signaling device. 2,760,185, 8-14-56, Cl. 321—1.
- Held, Ben. Boat stabilizer. 2,752,874, 7-3-56, Cl. 114—126.
- Held, Frederick J.: *See*—  
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- Held, Joseph E., to American Cystoscope Makers, Inc. Surgical instrument and coupling therefor. 2,751,911, 6-26-56, Cl. 128—349.
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- Held, Lawrence L.: *See*—  
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- Held, Otto C., H. S. Pike, and R. R. Teichner, to Western Electric Co., Inc. Cable reel tiering truck. 2,737,303, 3-6-56, Cl. 214—16.4.
- Heidenbach, Arthur P. Tension machine. 2,757,536, 8-7-56, Cl. 73—97.
- Helfaer, Bertram M., to Allied Chemical & Dye Corp. Pigments. 2,772,984, 12-4-56, Cl. 106—289.
- Helfaer, Bertram M., to Allied Chemical & Dye Corp. Stable finely divided alkyl amine dyes. 2,773,056, 12-4-56, Cl. 260—208.
- Helfeld, Elmer C. Hay pick-up and conveying machine. 2,763,119, 9-18-56, Cl. 56—344.
- Helbrecht, Fred A.: *See*—  
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- Helbrecht, Fred A., and V. Voorhees, to National Motor Bearing Co., Inc. Shaft seal. 2,743,950, 5-1-56, Cl. 288—2.
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- Helgason, Arni: *See*—  
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- Helseby, Ralph O., to General Motors Corp. Disc type indicating instrument. 2,759,447, 8-21-56, Cl. 116—57.
- Helgeson, Robert, and A. Olsen, to A/S Protan. Block freezing. 2,763,557, 9-18-56, Cl. 99—192.
- Heli-Coil Corp.: *See*—  
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- Forster, John O. 2,735,699.
- Forster, John O. 2,769,229.
- Smith, Byrom J. 2,775,281.
- Heliotis, George. Adjustable strap for articles of clothing. 2,739,315, 3-27-56, Cl. 2—323.
- Helipot Corp.: *See*—  
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- Heljo, Runar R. Process and apparatus for curing tobacco. 2,758,603, 8-14-56, Cl. 131—121.
- Hell, Rudolf. Recording devices. 2,731,322, 1-17-56, Cl. 346—116.
- Hell, Rudolf. Coding machine. 2,753,034, 7-3-56, Cl. 197—4.
- Hellar, Martin W., Jr.: *See*—  
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- Hellar, Martin W., Jr., and B. R. Shepard, to General Electric Co. Dynamic balancing apparatus. 2,730,899, 1-17-56, Cl. 73—463.



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- Helle, Jens B. Articles of footwear. 2,773,317, 12-11-56, Cl. 36-11.5.
- Hellebrekers, Menricus W. J., to Koninklijke Vereenigde Tappitaarwerken N. V. Method for the production of patterned double woven pile fabric having floating pile threads. 2,730,452, 2-21-56, Cl. 139-397.
- Hellefors Bruks Aktiebolag: See—
- Foogde, Carl E., and Eriksson. 2,768,430.
- Kihlander, Helge O., and Foogde. 2,761,943.
- Hellener, Earl E.: See—
- Stein, Frederick W., and Hellener. 2,756,526.
- Heller, Anton H. Pilfer-proof display packages. 2,738,056, 3-13-56, Cl. 206-45.31.
- Heller Corp., The: See—
- Heller, Harold S. 2,746,043.
- Heller, Ferdinand P., and F. P. Spruance, Jr., to American Chemical Paint Co. Method of and material for producing paint bonding films on ferrous metal surfaces. 2,762,731, 9-11-56, Cl. 148-6.2.
- Heller, George L., to Columbia Carbon Co. Manufacture of carbon black. 2,768,067, 10-23-56, Cl. 25-209.4.
- Heller, George L., to Columbia Carbon Co. Carbon black process and apparatus. 2,769,692, 11-6-56, Cl. 23-209.4.
- Heller, George W., to E. I. du Pont de Nemours and Co. Lubricating tetrafluoroethylene polymers. 2,752,321, 6-26-56, Cl. 260-33.6.
- Heller, Golda. Garment accessory. 2,756,436, 7-31-56, Cl. 2-266.
- Heller, Harold S., deceased; M. S. Zaller, executor, to The Heller Corp. Magazine for stapling machines. 2,746,043, 5-22-56, Cl. 1-49.
- Heller, Isaac, to Robin Hood Co. Telephone system. 2,764,631, 9-25-56, Cl. 179-1.
- Heller, Isaacs, to Robin Hood Co. Electrical conductor plug having insulation sheath penetrating means for contacting conductors. 2,764,748, 9-25-56, Cl. 339-99.
- Heller, Paul R.: See—
- Baudry, René A., and Heller. 2,752,515.
- Heller, Philip: See—
- Clarke, William W., Stevens, Bauer, Jarvis, and Heller. 2,742,238.
- Heller, Robert M. Bulb socket having integral means for attachment to an apertured panel. 2,731,612, 1-17-56, Cl. 339-128.
- Heller, Robert M. Bulb mounting assembly for attachment to a perforated mounting panel. 2,731,613, 1-17-56, Cl. 339-128.
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- Heller, Robert M. Sheet metal nut having insulating and sealing material attached thereto. 2,761,349, 9-4-56, Cl. 85-32.
- Hellerud, Arthur O. Positive action clamshell boom mounting. 2,765,939, 10-9-56, Cl. 2-147.
- Helling, Werner H., Neumann, J., Rolie and R. Lattey. Method of imparting high brilliancy to articles made of aluminum and its alloys. 2,746,849, 5-22-56, Cl. 41-42.
- Hellingman, Evert: See—
- Dros, Albert A., Yzer, and Hellingman. 2,746,241.
- Hellings, Simon J., and F. Krienen, to Hartford National Bank and Trust Co. Radio transmitter of the kind comprising a magnetron tube energized by a synchronized pulse generator. 2,730,621, 1-10-56, Cl. 250-36.
- Hellman, Nison N.: See—
- Hagemann, French T., Katzin, and Hellman. 2,743,157.
- Hellmann, Richard J., and W. F. Fowler, Jr., to Eastman Kodak Co. Hydrophilic high polymer hydrosols and gelatin emulsions. 2,768,080, 10-23-56, Cl. 95-7.
- Hellmich, Ernst. Apparatus for cutting up onions and the like. 2,735,467, 2-21-56, Cl. 146-78.
- Hellon, James B. Public address housing assembly. 2,744,584, 5-22-56, Cl. 31-31.
- Hellstetter, Vernon, to James R. Kearney Corp. Contacts for electrical devices. 2,738,478, 3-13-56, Cl. 339-64.
- Hellyer, John T., to Thor Corp. Clothes dryer. 2,748,496, 6-5-56, Cl. 34-133.
- Hellyer, John T., to The Dazey Corp. Can opener. 2,751,679, 6-26-56, Cl. 30-8.5.
- Helm, Francis T., and T. D. Just, to West Bank Oil Terminal Co., Inc. Sealing composition for joints in concrete structures. 2,748,012, 5-29-56, Cl. 106-269.
- Helm, Gabriel E. Water wave operated power mechanism. 2,757,899, 6-26-56, Cl. 25-1.
- Helm, Tony W., and E. A. Derieg. Universal joint. 2,760,358, 8-28-56, Cl. 64-7.
- Helmhold, August F. W. Hydraulic brake system. 2,742,982, 2-24-56, Cl. 188-152.
- Helmbrecht, Wilbur H.: See—
- Calbrith, John F., Helmbrecht, and Lobosco. 2,773,970.
- Helmer, Nicolas A., to The Squier Corp. Roll mills. 2,745,336, 5-15-56, Cl. 100-165.
- Helmer, Norman D., and F. H. Easton. Multiple dosage syringe. 2,764,981, 10-2-56, Cl. 128-218.
- Helmer, Warren D., to Thokol Chemical Corp. Process for the preparation of dithiodialkylene glycols. 2,746,994, 5-22-56, Cl. 260-608.
- Helmholz, Lindsay: See—
- Duson, Richard W., Friedlander, Helmholz, and Watkins. 2,732,072.
- Helmig, Willem H. T.: See—
- Reumerman, Theodor, and Helmig. 2,731,513.
- Helmig, Willem H. T., and T. Reumerman. Devices for determining check symbols for symbol groups. 2,754,054, 7-10-56, Cl. 235-61.
- Helsley, Charles W., Jr., S. F. Kutsche, and E. Orent, to General Motors Corp. Fluid flow proportioner. 2,750,953, 6-10-56, Cl. 37-113.
- Helt, Herbert M., and P. Fellman, to National Aluminum Products Co. Metal awnings. 2,762,643, 7-3-56, Cl. 20-57.5.
- Helterline, Leo L., Jr., to Sorensen & Co., Inc. Control circuit for X-ray tubes. 2,767,327, 10-16-56, Cl. 250-37.
- Helterline, Leo H., Jr., and A. Bunlasky, to Sorensen & Co., Inc. Voltage regulator. 2,753,512, 7-3-56, Cl. 323-45.
- Heltzel, Carl J.: See—
- Heltzel, John N. 2,772,468.
- Heltzel, John N., deceased; The Union Savings & Trust Co. and C. J. Heltzel, executors. Dowel bar or tie bar supporting side forms. 2,772,468, 12-4-56, Cl. 25-118.
- Heltzel, Robert E. Automatic batch dispensing apparatus. 2,754,996, 7-17-56, Cl. 222-77.
- Helvren, James O., to General Motors Corp. Brake wear compensator. 2,747,694, 5-29-56, Cl. 188-79.5.
- Helwig, Ralph W.: See—
- Orfutt, William C., and Helwig. 2,744,058.
- Helwig, Ralph W., to Gulf Research & Development Co. Fluidized solids apparatus. 2,740,698, 4-3-56, Cl. 23-288.
- Hemann, Eyan E. Method of and apparatus for making cut nails. 2,763,878, 9-25-56, Cl. 10-34.
- Hemet Aircraft Corp.: See—
- Dahlberg, Carl B. 2,746,517.
- Hemeyer, Arley C.: See—
- Vitcha, James F., and Hemeyer. 2,771,308.
- Hemminger, Charles E.: See—
- Hardy, Robert L., and Hemminger. 2,737,476.
- Tate, Roger W., and Hemminger. 2,773,804.
- Hemminger, Charles E., to Esso Research and Engineering Co. Hydroforming. 2,737,473, 3-6-56, Cl. 196-49.
- Hemminger, Charles E., to Esso Research and Engineering Co. Hydroforming. 2,737,477, 3-6-56, Cl. 196-50.
- Hemminger, Charles E., to Esso Research and Engineering Co. Hydroforming. 2,746,909, 5-22-56, Cl. 196-50.
- Hemminger, Charles E., to Esso Research and Engineering Co. Inverse gradient fluid hydroforming reactor. 2,749,286, 6-5-56, Cl. 196-50.
- Hemminger, Charles E., to Esso Research and Engineering Co. Hydrogenation and hydrogen regeneration of the catalyst. 2,757,128, 7-31-56, Cl. 196-50.
- Hemminger, Charles E., to Esso Research and Engineering Co. Fluid hydroforming. 2,762,752, 9-11-56, Cl. 196-50.
- Hemminger, Charles E., to Esso Research and Engineering Co. Hydrocarbon oil conversion process. 2,772,215, 11-27-56, Cl. 196-49.
- Hemminger, Charles E., to Esso Research and Engineering Co. Two stage fluidized hydroforming. 2,773,808, 12-11-56, Cl. 196-50.
- Hemminger, Paul W.: See—
- Hemphill, John I., and Hemminger. 2,729,813.
- Hempel, August R.: See—
- Darby, Joseph R., and Hempel. 2,757,158.
- Hempel, August R., and P. R. Marling, to Monsanto Chemical Co. Drying oils. 2,754,807, 7-10-56, Cl. 260-404.8.
- Hempel, Gustav A., to McDowell Mfg. Co. Relief valve. 2,730,111, 1-17-56, Cl. 137-107.
- Hempel, Herbert W., to Marsh Stencil Machine Co. Finger grooved fountain brush casting. 2,728,930, 1-3-56, Cl. 15-138.
- Hempel, Herbert W., to Marsh Stencil Machine Co. Dial control system for electrically actuated and controlled tape measuring and dispensing machines. 2,747,868, 5-29-56, Cl. 271-2-4.
- Hempel, Herbert W., to Marsh Stencil Machine Co. Machine for feeding and severing a measured length of tape. 2,757,730, 8-7-56, Cl. 167-12.
- Hempel, Herbert W., to Marsh Stencil Machine Co. Push button control system for electrically actuated and controlled tape measuring and dispensing machines. 2,767,981, 10-23-56, Cl. 271-2-4.
- Hemphill, Alfred A.: See—
- Tewksbury, John M., and Hemphill. 2,761,134.
- Hemphill, Alfred A., to Bendix Aviation Corp. Magnetic antenna systems. 2,740,113, Cl. 343-787.
- Hemphill Co.: See—
- St. Pierre, Eugene. 2,763,145.
- St. Pierre, Eugene, and Wawzonek. 2,751,770.
- St. Pierre, Paul L. 2,738,661.
- Wawzonek, Joseph. 2,751,769.
- Hemphill, Howard G.: See—
- Jedlick, Roland T. 2,759,402.
- Hemstath, Eugene E. and H. H. Snow pusher. 2,773,318, 12-11-56, Cl. 37-53.
- Hemstath, Howard H.: See—
- Hemstath, Eugene E. and H. H. 2,773,318.
- Hemsing, Catherine A.: See—
- Matthews, Rose C., and Hemsing. 2,738,709.
- Hemstreet, Albert B. Locking means for centrifugal molds. 2,771,647, 11-37-56, Cl. 22-113.3.
- Henard, Glen L. Comb blade structure and arrangement for adjustable hair clipper. 2,731,720, 1-24-56, Cl. 30-201.

- Henchebert, John, to Continental Can Co., Inc. Plastic nozzle mounting and method of assembling same. 2,760,691, 8-28-56, Cl. 222-566.
- Henchebert, John, to Continental Can Co., Inc. Triple tight metal can closure. 2,775,302, 12-25-56, Cl. 220-42.
- Henchebert, John, to Continental Can Co., Inc. Powder dispensing container structure. 2,775,376, 12-25-56, Cl. 222-486.
- Hencke, William R.; *See*—
- McCoey, Frederic C., Caffrey, and Hencke. 2,752,311.
- Hencken, Harold G., to Taco Heaters, Inc. Vent valve. 2,734,521, 2-14-56, Cl. 137-197.
- Hendel, Frank J., to Wigton-Abbott Corp. Waste disposal process. 2,737,088, 1-6-56, Cl. 210-149.
- Hendel, Frank J., to Wigton-Abbott Corp. Process for treating waste acid. 2,754,175, 7-10-56, Cl. 23-128.
- Henderson, Clark T. Fluid feed apparatus. 2,732,069, 1-24-56, Cl. 210-40.
- Henderson, Claude B., to Ingalls Stone Co. Continuous feed stone working machine. 2,747,565, 5-29-56, Cl. 125-13.
- Henderson, David J. Bonding strip and method of making same. 2,757,111, 7-31-56, Cl. 154-91.
- Henderson, Edward. Sealed hypodermic receptacle and method of making the same. 2,731,012, 1-17-56, Cl. 128-215.
- Henderson, Edward. Medicament dispensing unit. 2,764,979, 10-2-56, Cl. 128-216.
- Henderson, Edward. Hypodermic syringe unit. 2,769,444, 11-6-56, Cl. 128-216.
- Henderson, Edward. Closure assembly. 2,771,218, 11-20-56, Cl. 222-83.
- Henderson, Harold P. Self-aligning protective plug for tubings, hose lines, threaded openings, etc. 2,770,260, 11-13-56, Cl. 138-89.
- Henderson, Hayward W., to Minneapolis-Honeywell Regulator Co. Gyroscopic devices. 2,746,301, 5-22-56, Cl. 74-6.
- Henderson, J. Alvin, to International Telephone and Telegraph Corp. Television camera tube. 2,765,422, 10-2-56, Cl. 415-11.
- Henderson, Joseph E. Electron tube. 2,732,514, 1-24-56, Cl. 313-246.
- Henderson, Marvin L., and D. Bednarczuk; said Bednarczuk assor, to said Henderson. Door protecting accessory for vehicles. 2,734,765, 2-14-56, Cl. 292-62.
- Henderson, Ray M. Ice bars and machine for and method of making same. 2,732,690, 1-31-56, Cl. 62-106.
- Henderson, Ray M. Defrosting system for refrigeration evaporators. 2,748,571, 6-5-56, Cl. 62-3.
- Henderson, Ray M. Hot gas defrosting system. 2,763,130, 9-18-56, Cl. 62-3.
- Henderson, Richard; *See*—
- Block, Richard J., Wingerd, and Henderson. 2,758,965.
- Henderson, Richard, and R. J. Block, to The Borden Co. Precipitation of proteins. 2,754,292, 7-10-56, Cl. 260-115.
- Henderson, Ronald P. Quartz fiber electrosopes. 2,742,577, 4-17-56, Cl. 230-83.3.
- Henderson, Roy A., to the United States of America as represented by the Secretary of the Army. Combined voltage regulator and amplifier. 2,766,332, 10-9-56, Cl. 179-171.
- Henderson, Stanford A., to Gomco Surgical Mfg. Corp. Aspiring apparatus. 2,769,476, 8-21-56, Cl. 128-278.
- Henderson, Wayne L., to General Electric Co. Reactive device. 2,740,905, 4-3-56, Cl. 307-156.
- Henderson, Wayne L., to General Electric Co. Transformer coil and insulation for the same. 2,749,525, 6-5-56, Cl. 336-209.
- Henderson, Wayne L. R., to General Electric Co. Inductive device. 2,771,587, 11-20-56, Cl. 336-160.
- Henderson, William J., to United States Steel Corp. Oil spray devices for electrostatic oiling machines. 2,762,331, 9-11-56, Cl. 118-51.
- Henderson, William M., to Mueller Co. Pipe coupling with rubber gasket having an embedded metallic split ring. 2,757,943, 8-7-56, Cl. 285-52.
- Henderson, Yvis D. Hydraulic track adjuster. Re. 24,126, 6-6-56, Cl. 305-6.
- Hendley, James A., to The Russell Mfg. Co. Woven ladder tape. 2,768,652, 10-30-56, Cl. 339-384.
- Hendlin, David, and P. F. Smith, to Merck & Co., Inc. Process for preparing arylacetylcarbinols. 2,740,745, 4-3-56, Cl. 195-37.
- Hendrich, Robert T., and D. L. O'Brien, Jr., to The Wire Coating and Mfg. Co. Process of zinc coating magnesium articles. 2,730,490, 1-10-56, Cl. 204-38.
- Hendrick, Walter T. S.; *See*—
- Hendrick, Walter T. S., to J. Lyons & Co. Ltd. Cartons. 2,772,042, 11-27-56, Cl. 229-41.
- Hendricks, Albert E.; *See*—
- Anderson, Morris L., and Hendricks. 2,742,061.
- Hendricks, Grant W.; *See*—
- Attane, Edward C., Jr., Hendricks, and Huffman. 2,760,907.
- Kay, Nicholas L., Hendricks, and Hanson. 2,744,053.
- Hendricks, James O., W. E. Lundquist, and A. F. Schmelzle, to Minnesota Mining and Mfg. Co. Pressure-sensitive adhesive tape and method of making. 2,750,304, 6-12-56, Cl. 117-76.
- Hendricks, James W.; *See*—
- Beaman, Robert W., and Hendricks. 2,774,082.
- Hendricks, John G., and L. M. Kebrich, to National Lead Co. Vinyl halide resin stabilized with basic lead dicarboxylates. 2,744,881, 5-8-56, Cl. 260-45.75.
- Hendrickson, Alfred R.; *See*—
- Cardwell, Paul H., and Hendrickson. 2,763,326.
- Hendrickson, Arnold P., W. R. Keye, and J. H. Howard, to Sperry Rand Corp. Data storage system. 2,771,595, 11-20-56, Cl. 340-174.
- Hendrickson, Donald E.; *See*—
- Hendrickson, Daniel M., and Hendrickson. 2,746,625.
- Hendrickson, Fritz E., to M. Ireland. Surface-finishing work wheel. 2,765,594, 10-9-56, Cl. 51-193.
- Hendrickson, Fritz E., to Norton Co. Abrasive polishing wheel and element. 2,769,241, 11-6-56, Cl. 51-193.5.
- Hendrickson, Fritz E., to Norton Co. Coated abrasive wheel element. 2,770,927, 11-20-56, Cl. 51-193.
- Hendrickson, Jacob W., Jr.; *See*—
- Pratt, Willard E., and Hendrickson. 2,732,062.
- Hendricks, Schwartz, Daniel M., to United States Steel Corp. Cluster type edging rolling mill. 2,767,602, 10-23-56, Cl. 80-38.
- Hendrickson, Rudolf, and J. W. Westerson, to Research Corp. Glucoside azo dyestuffs. 2,748,107, 5-29-56, Cl. 260-144.
- Hendrickson, Severin B., to Heywood-Wakefield Co. Folding chair. 2,757,715, 8-7-56, Cl. 155-142.
- Hendriks, Petrus F. A. M., to Stamicarbon N. V. Process of and apparatus for regulating the composition of vaporous mixtures. 2,773,042, 12-4-56, Cl. 252-372.
- Hendrix, Charles E., and R. B. Furchell, to the United States of America as represented by the Secretary of the Navy. Low frequency random noise source. 2,768,298, 10-23-56, Cl. 250-36.
- Hendrix, Don O., to Davidson Mfg. Co. Interferometer. 2,734,419, 2-14-56, Cl. 88-14.
- Hendrix, Don O., and D. E. Davidson, to Davidson Mfg. Co. Auto calibrating comparator. 2,764,908, 10-2-56, Cl. 88-1.
- Hendrix, Palmer G., to Pro-Nyl Chemicals, Inc. Whitening and brightening wash and rinse powder composition. 2,763,618, 9-18-56, Cl. 252-153.
- Hendrix, Sylvan G., and D. W. Miller, to General Motors Corp. Safety control for variable pitch propeller. 2,761,520, 9-8-56, Cl. 160-21.
- Hendry, James W., to Tube Turns Plastics, Inc. Method for working synthetic organic plastic materials. 2,746,089, 5-22-56, Cl. 18-55.
- Hendry, James W., to Tube Turns Plastics, Inc. Injection machine. 2,757,445, 11-17-56, Cl. 18-30.
- Hendry, Trillie L.; *See*—
- Grieve, George P., and Hendry. 2,735,964.
- Hendry, William R. Tachograph adapters for gasoline engines. 2,751,839, 1-24-56, Cl. 74-15.8.
- Heney, John E.; *See*—
- Goldstein, Ladislav, Lampert, and Heney. 2,773,245.
- Hengstebeck, Robert J., to Standard Oil Co. Hydrofining-hydroforming system. 2,773,008, 12-4-56, Cl. 196-28.
- Henigman, Joseph. Adjustable carrying handles. 2,744,668, 9-8-56, Cl. 224-55.
- Henika, Richard G.; *See*—
- Rodgers, Nelson E., Henika, and Miersch. 2,747,232.
- Henke, Heinz. Compact wire fabric. 2,755,947, 7-17-56, Cl. 24-3.
- Henke, Hermann. Record controlled counting circuits. 2,738,131, 3-13-56, Cl. 233-61.11.
- Henke, Russell W., to Badger Meter Mfg. Co. Water meter test stand. 2,768,522, 10-30-56, Cl. 73-3.
- Henke, Russell W., to Badger Meter Mfg. Co. Fluid chemical treating system. 2,768,638, 10-30-56, Cl. 137-98.
- Henkel & Cie. G. m. b. H.; *See*—
- Blaser, Bruno, Rugenstein, and Tischbirek. 2,764,576.
- Blaser, Bruno, and Tischbirek. 2,771,484.
- Heinrich, Erich. 2,739,038.
- Köhler, Rudolf, and Pietsch. 2,764,575.
- Manchot, Willy. 2,739,129.
- Raecke, Bernhard. 2,746,838.
- Henkel, Ferdinand, to L. Laminia Dies and Tools, Inc. Lapping machine. 2,735,233, 2-21-56, Cl. 51-50.
- Henkel, Joseph F. Counter reset mechanism. 2,737,346, 3-6-56, Cl. 235-144.
- Henkes, Peter M., to George Gorton Machine Co. Copy table and method of using therefor. 2,736,241, 2-21-56, Cl. 90-13.
- Henkin, Hyman, to Colgate-Palmolive Co. Stable liquid shampoos. 2,770,599, 11-13-56, Cl. 252-117.
- Henkin, Hyman, to Colgate-Palmolive Co. Shampoo compositions containing monomethylol dimethyl hydantoin. 2,773,834, 12-11-56, Cl. 252-152.
- Henle, Robert A.; *See*—
- Logue, Joseph C., and Henle. 2,772,410.
- Henle, Robert A., to International Business Machines Corp. Binary trigger circuit. 2,762,921, 9-11-56, Cl. 250-36.
- Henn, Albert C.; *See*—
- Kocza, Julius P., and Henn. 2,769,782.
- Henn, Richard W.; *See*—
- Rasch, Arthur A., Crabtree, and Henn. 2,739,894.
- Henn, Richard W., to Eastman Kodak Co. Concentrated photographic fixing solutions. 2,735,774, 2-21-56, Cl. 95-88.
- Henne, John E. Rock collecting apparatus having a reciprocable gathering blade. 2,732,673, 1-31-56, Cl. 55-17.
- Hennecke, Rudolf, to Daimler-Benz Aktiengesellschaft. Device for balancing vehicle road wheels. 2,775,487, 12-25-56, Cl. 301-5.
- Hennelly, Walter L. Laterally resiliently displaceable stop for relatively movable elements. 2,760,224, 8-28-56, Cl. 16-86.
- Hennemann, Georg; *See*—
- Röder, Hugo L., and Hennemann. 2,746,897.



- Hennessey, Frank L., to the United States of America as represented by the Secretary of the Navy. Wave guide terminating device. 2,750,588, 6-12-56, Cl. 343-781.
- Hennessey, Russell J.: *See*—  
Dunning, Robert M., and Hennessey. 2,765,907.
- Hennessey, Russell J., to Waldorf Paper Products Co. Display carton. 2,773,589, 12-11-56, Cl. 206-44.11.
- Hennessey, Russell J., and R. M. Dunning, to Waldorf Paper Products Co. Bottle carriers. 2,748,978, 6-5-56, Cl. 220-105.
- Hennessey, Frank P.: *See*—  
Prucknick, Andrew H., Hennessey, and Berrigan. 2,729,033.
- Hennessey, James J., to Hennessey Lubricator Co., Inc. Railway axle journal lubricator. 2,746,817, 5-22-56, Cl. 308-84.
- Hennessey, James J., to Hennessey Lubricator Co., Inc. Railway journal box lubricator. 2,753,226, 7-3-56, Cl. 308-84.
- Hennessey, James J., to Hennessey Lubricator Co., Inc. Railway journal lubricator distributor. 2,753,227, 7-3-56, Cl. 308-84.
- Hennessey Lubricator Co., Inc.: *See*—  
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- Hennessey, James J. 2,753,226.
- Hennessey, James J. 2,753,227.
- Hennessey, Robert E., to Ford Motor Co. Roof bow for convertible type motor vehicle. 2,763,509, 9-18-56, Cl. 296-118.
- Hennessey, Robert E., to Ford Motor Co. Adjustable attachment means for a motor vehicle fabric top. 2,772,114, 11-27-56, Cl. 296-107.
- Henney, Charles F.: *See*—  
Baker, Marshall W., Johnston, and Henney. 2,773,360.
- Henney Motor Co., Inc.: *See*—  
Wiser, Hubert J., Sr. 2,771,943.
- Hennies, Stuart R.: *See*—  
Hagopian, Jacob J., and Hennies. 2,769,601.
- Hennies, Stuart R., and D. D. Keep, to Northrop Aircraft, Inc. Electrical keyer. 2,774,962, 12-18-56, Cl. 340-359.
- Hennig, Fritz O., to Dresser Operations, Inc. Power plant combustion chamber. 2,729,062, 1-3-56, Cl. 60-39.63.
- Hennig, Harvey: *See*—  
Marisic, Milton M., and Hennig. 2,764,622.
- Hennig, Kurt. Wine fining. 2,745,747, 5-15-56, Cl. 99-48.
- Hennig, Ralph R., to Allied Chemical & Dye Corp. Filter apparatus. 2,771,153, 11-20-56, Cl. 183-46.
- Hennig, Theodor: *See*—  
Schwarz, Rudolf, and Hennig. 2,729,334.
- Henning, Frederick E. Combination earth auger with rock drilling point. 2,731,237, 1-17-56, Cl. 255-69.
- Henning, George E., to Western Electric Co., Inc. Methods of curing vulcanizable compounds. 2,739,351, 3-27-56, Cl. 26-33.
- Henning, George E., to Western Electric Co., Inc. Extruding apparatus. 2,740,988, 4-10-56, Cl. 18-13.
- Henning, George E., to Western Electric Co., Inc. Extruders. 2,740,989, 4-10-56, Cl. 18-13.
- Henning, George E., to Western Electric Co., Inc. Apparatus for plasticizing and straining organic plastic compounds. 2,750,626, 6-19-56, Cl. 18-13.
- Henning, George E., to Western Electric Co., Inc. Apparatus for extruding cellular plastics. 2,766,479, 10-16-56, Cl. 18-13.
- Henning, George E., to Western Electric Co., Inc. Methods of and apparatus for extruding cellular plastics. 2,766,480, 10-16-56, Cl. 18-13.
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- Henning, George E., and E. W. Weitzel, to Western Electric Co., Inc. Apparatus for simultaneously advancing and milling plastic compounds. 2,754,542, 7-17-56, Cl. 18-12.
- Henning, James L., to Plano Molding Co. Flashlight. 2,748,258, 5-29-56, Cl. 240-10.65.
- Henning, Otto, to Carter Carburetor Corp. Liquid filter for carburetor. 2,746,606, 5-22-56, Cl. 210-166.
- Henning, Rudolf E., to Sperry Rand Corp. Automatic impedance measuring device. 2,762,972, 9-11-56, Cl. 324-58.
- Henninger, Andrew F. and G. D. Constant speed D. C. motor. 2,753,471, 7-3-56, Cl. 310-46.
- Henninger, George D.: *See*—  
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- Henninger, Miles: *See*—  
Peters, Virgil N. 2,733,333.
- Hennings, Werner, to Bunder-Glas G. m. b. H. Bottle and liner closures. 2,758,737, 8-14-56, Cl. 215-47.
- Hennion, George F., to Eli Lilly and Co. Substituted amino-propylenes and process for their preparation. 2,766,285, 10-9-56, Cl. 260-563.
- Hennique, Jacques. Knitting machine. 2,733,582, 2-7-56, Cl. 60-33.
- Henriard, Fernand J. J., Jr., to Babson Bros. Co. Milking apparatus. 2,735,399, 2-21-56, Cl. 119-14.46.
- Henrich, William H. Telemetering systems. 2,763,852, 9-18-56, Cl. 340-190.
- Henricl, Carl R., to Collins Radio Co. Phase angle distance measuring system. 2,760,190, 8-21-56, Cl. 343-106.
- Henricks, John A., to Dexev Corp. Coating compositions and method of treating ferrous surfaces therewith. 2,759,862, 8-21-56, Cl. 148-6.24.
- Henrickson, Henry G., to Gateway Engineering Co. Centrifugal clutch. 2,729,320, 1-3-56, Cl. 192-105.
- Henricot, Jacques F. Cylindrical rotating mill with stepped and studded liner for automatic classification of grinding balls and materials. 2,731,210, 1-17-56, Cl. 241-183.
- Henrikson, Bror W., A. C. Hoven, W. E. Nordmark, and B. J. Oom, to American Seating Co. Chair structure. 2,760,556, 8-28-56, Cl. 155-116.
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- Henrikson, Oscar W., to Automatic Electric Laboratories, Inc. Ringer sound control. 2,737,651, 3-6-56, Cl. 340-401.
- Henrikson, Thor O., to Pacific Car and Foundry Co. Refrigerator cars having ice tanks. 2,763,133, 9-18-56, Cl. 62-19.
- Henry, Albert R., and E. S. Cooke. Plow and conveyor type earth moving machine. 2,740,211, 4-3-56, Cl. 37-101.
- Henry, Augustus M. Dart games. 2,738,978, 3-20-56, Cl. 273-102.1.
- Henry, Bessie D.: *See*—  
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- Henry, Beulah L. Can opener. 2,744,653, 5-8-56, Cl. 220-52.
- Henry, Cashly A. Trailer fifth wheel coupling and steering mechanism. 2,750,208, 6-12-56, Cl. 280-426.
- Henry, Charles F. Fluid transmission mechanism. 2,750,701, 8-21-56, Cl. 252-32.
- Henry, David W.: *See*—  
Stewart, Leonard C. 2,745,918.
- Henry, Donald E.: *See*—  
Beese, Norman C., and Henry. 2,765,416.
- Henry, Donald J., to General Motors Corp. Method of treating cast iron for use as a core for shell molding. 2,770,859, 11-20-56, Cl. 22-193.
- Henry, Donald J., to General Motors Corp. Method of making smooth-surfaced sand-resin molds. 2,772,458, 12-4-56, Cl. 22-193.
- Henry Flow Control Co.: *See*—  
Dickert, Robert S., and Jones. 2,758,609.
- Henry, Fred W. Thrust bearing. 2,748,714, 6-5-56, Cl. 103-112.
- Henry, Georges L., and E. Brichard, to Union des Verreries Mecaniques Belges S. A. Method of and apparatus for feeding vitreous materials into glass furnaces. 2,773,611, 12-11-56, Cl. 214-35.
- Henry, Guy J., deceased (The Northern Trust Co., and B. D. Henry, executors), to Henry Valve Co., Inc. Strainer casing construction. 2,767,803, 10-23-56, Cl. 183-4.8.
- Henry, Howarth P. Control device for outboard motors. 2,771,156, 11-20-56, Cl. 18-18.
- Henry, J. T., Mfg. Co., Inc.: *See*—  
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- Henry, John E., to Hercules Powder Co. Water-soluble gum having improved properties. 2,768,143, 10-23-56, Cl. 42-263.5.
- Henry, Louis. Block forming apparatus. 2,751,659, 6-26-56, Cl. 25-41.
- Henry, Nelson R., to The Woodman Co., Inc. Automatic hopper feed conveyor mechanism. 2,758,728, 8-14-56, Cl. 214-7.
- Henry, Otto N., M. H. Arnold, and M. Lewkowicz, to Thermo Cuber Co., Inc. Apparatus for vending coal and the like. 2,738,903, 3-20-56, Cl. 222-333.
- Henry, Paul: *See*—  
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- Henry, Robert L.: *See*—  
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- Henry, Robert L., Jr., to the United States of America as represented by the Secretary of the Navy. Method of making modular electronic assemblies. 2,771,663, 11-27-56, Cl. 299-155.5.
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- Henry, Thomas W., and G. D. Boggs, to Owens-Corning Fiberglass Corp. Blower nozzle. 2,774,630, 12-18-56, Cl. 299-140.
- Henry Valve Co., Inc.: *See*—  
Henry, Guy J. 2,767,803.
- Jones, Evan. 2,758,749.
- Jones, Evan. 2,772,019.
- Henry, William F.: *See*—  
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- Henry, William F., to Little Garden Corp. Supporting apparatus. 2,774,562, 12-18-56, Cl. 248-125.
- Henry, William V., to American Enka Corp. Paper socker. 2,774,202, 12-18-56, Cl. 53-13.
- Hensel, Bernhard, to Loewe Opta Aktiengesellschaft. Electrode system for cathode ray tubes. 2,758,234, 8-7-56, Cl. 313-69.
- Hensel, Bernhard, to Loewe Opta Aktiengesellschaft. Radiation generation system for electronic radiation valves with ionic trap. 2,771,564, 11-20-56, Cl. 313-82.
- Hensel, Earl J., Jr.: *See*—  
Brewster, Albert. 2,732,136.
- Hensel, Gustav. Adapters for internal-combustion engines. 2,731,006, 1-17-56, Cl. 123-179.
- Henseleit, Georg, to Koppers Co., Inc. Door-handling mechanism for the doors of horizontal coke ovens. 2,746,610, 5-22-56, Cl. 212-4.
- Henseleit, Georg, to Koppers Co., Inc. Coke oven door handling machine. 2,746,611, 5-22-56, Cl. 212-4.
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 Voris, Robert S. 2,740,723.  
 Zebree, David T. 2,761,386.
- Hercules Textile Products Corp.: *See*—  
 King, Kenneth J., and Hartman. 2,749,175.
- Herden, Robert B., to Wollensak Optical Co. Lens mount locking device. 2,762,261, 9-11-56, Cl. 88—57.
- Hereford, John T.: *See*—  
 Reese, James E. 2,707,698.
- Herr, Georges J. B. V.: *See*—  
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- Herrf Jones Co.: *See*—  
 Kaiser, Paul A. 2,735,194.
- Herder, Elmer A., and J. James, to Rockwell Spring and Axle Co. Coil spring retainer and assembly. 2,737,666, 3-13-56, Cl. 5—264.
- Heritage, Clark C., to Weyerhaeuser Timber Co. Cork-bound hot-pressed boards. Re. 2,4174, 7-3-56, Cl. 18—47.5.
- Heritage, Clark C., to Weyerhaeuser Timber Co. Cork-bound hot-pressed boards. 2,736,063, 2-28-56, Cl. 18—47.5.
- Heritage, Clark C., to Weyerhaeuser Timber Co. Well drilling fluids. 2,749,309, 6-5-56, Cl. 252—8.5.
- Heritage, Clark C., ½ to Weyerhaeuser Timber Co. and ½ to Wood Conversion Co. Felted, lignocellulose products and method of making the same. 2,757,115, 7-31-56, Cl. 154—101.
- Heritage, Clark C., ½ to Weyerhaeuser Timber Co. and ½ to Wood Conversion Co. Manufacture of thermosetting cellulosic particle compositions. 2,757,148, 7-31-56, Cl. 260—17.2.
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- Herkart, Paul G., to Radio Corp. of America. Apparatus for applying a conductive coating to the inside of a tubular glass envelope. 2,772,654, 12-4-56, Cl. 118—48.
- Herkenhoff, Earl C., to Erie Mining Co. Three product wet cyclone. 2,756,878, 7-31-56, Cl. 209—211.
- Herlich, Heinrich, to Machine Tool Works Oerlikon, Administration Co. Friction brake for a gun. 2,732,767, 1-31-56, Cl. 89—44.
- Herlach, Heinrich, to Machine Tool Works Oerlikon, Administration Co. Training-mechanism handwheel. 2,775,143, 12-25-56, Cl. 74—760.
- Herlin, Melvin A.: *See*—  
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- Herlocker, Edwin H. Flashing surrounds. 2,732,045, 1-24-56, Cl. 189—75.
- Herman Pumps Ltd.: *See*—  
 Zozulin, Igor V. 2,745,351.
- Herman, Albert D., to Marman Products Co., Inc. W-V band coupling. 2,756,079, 7-24-56, Cl. 285—408.
- Herman, Albert D., to Aeroquip Corp. Tube coupling with impressionable metallic seal. 2,761,707, 9-4-56, Cl. 285—367.
- Herman, Albert D., to Aeroquip Corp. Reinforced T shaped seal for flanged pipe coupling. 2,768,648, 11-6-56, Cl. 285—110.
- Herman, Anthony: *See*—  
 Pont, Ramon, and Herman. 2,748,328.
- Herman, Carl L., to Amsler Morton Corp. Stub tube refractory tile for recuperators. 2,764,398, 9-25-56, Cl. 263—51.
- Herman, David: *See*—  
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- Herman, Dick R.: *See*—  
 Northrop, John K., Brostherous, Dunn, Ellison and Herman. 2,734,702.
- Herman, Louis. Brush rotating and positioning device. 2,730,737, 1-17-56, Cl. 15—21.
- Herman, Louis. Bathing accessory. 2,739,335, 3-27-56, Cl. 15—244.
- Herman, Neil, to General Electric Co. Control for combustion dry and steam flatiron. 2,755,574, 7-24-56, Cl. 38—77.
- Herman, Neil G., to General Electric Co. Electric flatiron assembly. 2,755,575, 7-24-56, Cl. 38—91.
- Herman, Nicholas: *See*—  
 Seybold, Frederick W., and Herman. 2,737,158.
- Herman Pneumatic Machine Co.: *See*—  
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- Hermendorfer, Arthur W.: *See*—  
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- Hermann, Albert: *See*—  
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- Hermann, Dick. Mixing construction. 2,745,642, 5-15-56, Cl. 259—72.
- Hermann, Edward C., to E. I. du Pont de Nemours and Co. Carboxymethyl quaternary ammonium halides, hydrazides and hydrazones with thiophenecarboxaldehydes. 2,769,813, 11-6-56, Cl. 260—295.
- Hermann, Joseph E., Jr. Signal-to-noise generators. 2,773,186, 12-4-56, Cl. 250—36.
- Hermann, Karl L.: *See*—  
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 Barr, Victor L., Herrmann, and Henwood. 2,765,202.
- Hermann, Le Roy N., to Air conditioning system. 2,756,970, 7-31-56, Cl. 257—3.
- Hermann, Leroy N., to Inland Steel Products Co. Machine for making arched panel sheets. 2,775,284, 12-25-56, Cl. 153—7.
- Hermann, Roman J. Fleshing tool. 2,762,122, 9-11-56, Cl. 30—116.
- Hermanson, Emil H., to Chisholm-Ryder Co., Inc. Viner. 2,768,628, 10-30-56, Cl. 130—30.
- Hermanson, Harry M., to Minneapolis-Honeywell Regulator Co. Fuel gage apparatus. 2,769,338, 11-6-56, Cl. 73—304.
- Hermanson, Herman E.: *See*—  
 Bechard, Conrad E., and Hermanson. 2,732,878.  
 Lamb, Frederick S., and Hermanson. 2,730,689.
- Hermanson, Vernon R.: *See*—  
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- Hermanson, William A. Composite paper sheet. 2,754,236, 7-10-56, Cl. 154—54.
- Hermelin, Victor M. Method of making a prolonged action medicinal tablet. 2,736,682, 2-28-56, Cl. 167—82.
- Hermeling, Gilbert C., Jr.: *See*—  
 Horowitz, Leopold A., and Hermeling. 2,750,496.  
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- Hermes, Willem E.: *See*—  
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- Hermoplast Ltd.: *See*—  
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- Herndon, Marion E., Jr.: *See*—  
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- Herndon, Walter B., to General Motors Corp. Transmission and fluid pressure controls. 2,763,162, 9-18-56, Cl. 74—645.
- Herndon, Walter B., K. E. Snyder, and F. J. Condon, to General Motors Corp. Automatic transmission controls. 2,761,328, 9-4-56, Cl. 74—472.
- Herold, James L., F. Norr, and E. O. A. Sundström, to Bolidens Gruvaktiebolag. Smelting sulfide ores. 2,769,706, 11-6-56, Cl. 75—10.
- Herod, Fay R., 1½ to J. H. Van Voorhees. Safety lifeline lock unit for building supported scaffolds. 2,758,887, 7-14-56, Cl. 304—11.
- Herod, Robert E. Disc type mowing apparatus having pivoted blades. 2,751,737, 6-26-56, Cl. 55—62.
- Herold, James L., and W. J. Nikola, to Barry-Wehmiller Machinery Co. Automatic feed conveyors. 2,731,128, 1-17-56, Cl. 198—30.
- Herold, Paul G., J. M. Planje, and J. C. Williams. Ruthenium containing glasses and stains. 2,739,901, 3-27-56, Cl. 106—47.
- Herold, Robert E.: *See*—  
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- Heron, Andrew G., to Heron Heating Devices Ltd. Heating device. 2,729,733, 3-25-56, Cl. 219—19.
- Heron, Andrew G. Flexible hoses. 2,758,194, 8-7-56, Cl. 219—46.
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 Heron, Andrew G. 2,729,733.
- Heron, Kenneth M., H. Baker, and D. L. Benson. Electronic register translator. 2,774,818, 12-18-56, Cl. 179—18.
- Herr Equipment Corp. The: *See*—  
 Herr, Richard F. 2,747,810.  
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- Herr, Frederick W.: *See*—  
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- Herr, Milton E., to The Upjohn Co. Steroid compounds. 2,755,854, 2-21-56, Cl. 260—397.45.
- Herr, Milton E., to The Upjohn Co. Steroid enamines. 2,752,337, 6-26-56, Cl. 260—239.5.
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- Herr, Milton E., and F. W. Heyl, to The Upjohn Co. Steroid hydrolysis. 2,773,072, 12-4-56, Cl. 260—397.3.
- Herr, Oskar, to Deutsche Gold- und Silber-Scheideanstalt vormals Roessler & Co. Apparatus for granulating carbon black and other finely divided solids. 2,755,502, 7-24-56, Cl. 18—1.
- Herr, Paul A. Apparatus for controlling humidity conditions in air. 2,766,027, 10-9-56, Cl. 261—91.
- Herr, Richard F., to The Herr Equipment Corp. Colling apparatus. 2,747,810, 5-29-56, Cl. 242—80.
- Herr, Richard F., to The Herr Equipment Corp. Apparatus for tensioning wire spokes on wheels. 2,759,530, 8-21-56, Cl. 157—1.5.
- Herr, Richard F., to The Herr Equipment Corp. Collapsible reel. 2,762,576, 9-11-56, Cl. 242—72.

- Herr, Richard F., to The Herr Equipment Corp. Reel for coiled material. 2,762,577, 9-11-56, Cl. 242-72.
- Herr, Robert, and R. Marchant, to Minnesota Mining & Mfg. Co. Method and apparatus for duplicating magnetic recordings and magnetic tape record members. 2,738,383, 3-13-56, Cl. 179-10-56, Cl. 2-56.
- Herr, Theodore Z., to The American Welding and Mfg. Co. Knock-down metal door frame. 2,741,844, 4-10-56, Cl. 189-46.
- Herr, Theodore Z., to The American Welding & Mfg. Co. Knock-down metal door frame. 2,741,845, 4-10-56, Cl. 189-46.
- Herrbach, Paul: See—
- Drisch, Nicolas, and Herrbach. 2,768,870.
- Herrera-Low, George F.: See—
- Smith, Herbert A., and Herrera-Low. 2,742,230.
- Herres, Schuyler A., to Allegheny Ludlum Steel Corp. Process of refining and melting titanium. 2,734,244, 2-14-56, Cl. 22-214.
- Herres, Schuyler A., to Allegheny Ludlum Steel Corp. Apparatus for melting and casting refractory material. 2,763,903, 9-25-56, Cl. 22-57.
- Herres, Schuyler A., and E. G. Kendall, to Titanium Metals Corp. of America. Process of purifying refractory metals. 2,740,109, 4-4-56, Cl. 75-121.
- Herres, Schuyler A., and T. K. Redden, to Allegheny Ludlum Steel Corp. Iron chromium molybdenum titanium base alloy. 2,740,711, 4-3-56, Cl. 75-175.
- Herres, Schuyler A., and E. L. Southern, to Allegheny Ludlum Steel Corp. Process of compacting and sintering titanium metal scrap. 2,753,262, 7-3-56, Cl. 75-226.
- Herrick, Clifford E., Jr.: See—
- Sulich, John, Jr., and Herrick. 2,755,185.
- Herrick, Clifford E., Jr., and W. F. Amos, Jr., to General Aniline & Film Corp. Resinous layers having a selected degree of water sensitivity and method of making same. 2,756,163, 7-24-56, Cl. 117-62.
- Herrick, Clifford E., Jr., P. T. Weitach, Jr., and E. J. Trojnar, to General Aniline & Film Corp. Positive diazotype printing plates. 2,752,972, 12-4-56, Cl. 96-33.
- Herrick, Everett. Motor-driven cam opener. 2,745,174, 5-15-56, Cl. 30-4.
- Herrick, James E.: See—
- Herrick, William W., and J. E. 2,762,049.
- Herrick, James E., and W. W. Herrick. Automatic arc welding viewing mechanism. 2,761,046, 8-28-56, Cl. 219-8.
- Herrick, William W.: See—
- Herrick, James E., and W. W. 2,761,046.
- Herrick, William W., to Pitney-Bowes, Inc. Weighing scale. 2,751,214, 6-19-56, Cl. 263-68.
- Herrick, William W., to Pitney-Bowes, Inc. Scale drum chart. 2,761,414, 9-4-56, Cl. 116-129.
- Herrick, William W., and J. E. Automatic electric arc viewing helmet. 2,762,049, 8-28-56, Cl. 2-8.
- Herring, De Ambré, E. Hair curl pin device. 2,737,958, 3-13-56, Cl. 132-52.
- Herring-Hall-Marvin Safe Co.: See—
- De Rosa, Anthony, Sr. 2,754,777.
- Herring Magic, Inc.: See—
- Miller, Myron C. 2,769,268.
- Herrington, Warren G., to The Fuller Brush Co. Apparatus for removing scale from a metallic surface. 2,767,413, 10-23-56, Cl. 1-77.
- Herriott, James R. Toilet deodorizer. 2,747,201, 5-29-56, Cl. 4-213.
- Herrman, Donald D.: See—
- Hartzell, Robert N., and Herrman. 2,765,859.
- Herrman, Howard E.: See—
- White, Roy W., and Herrman. 2,769,061.
- Herrman, Howard E., and C. S. Grimshaw, to General Electric Co. Refrigerator humidifier. 2,751,197, 6-19-56, Cl. 257-3.
- Herrmann, John F.: See—
- Critoph, David I., Herrmann, and Wolford. 2,734,421.
- Herrmann, John W., to Esso Research and Engineering Co. Recovery of product vapors from fluid coke. 2,743,218, 4-24-56, Cl. 202-22.
- Herrmann, Julius, to Gewerkschaft Eisenhütte Westfalia. Mining planer. 2,745,651, 5-15-56, Cl. 262-8.
- Herrmann, Walter A. O., to Sherritt Gordon Mines Ltd. Method of extracting metal values from metal bearing material. 2,740,797, 4-3-56, Cl. 75-101.
- Herrnring, Günther, and W. Weidner. Optical image-forming plural reflecting mirror systems. 2,766,385, 10-9-56, Cl. 250-53.
- Hernstadt, Gerald E.: See—
- Sontag, Herbert P., Salomon, and Hernstadt. 2,760,520.
- Hernstadt, Gerald E., to The Firth Carpet Co., Inc. Three-shot Axminster weave. 2,745,442, 5-15-56, Cl. 139-399.
- Herrod, Ecil E., to J. B. Herrod. Subsurface injector. 2,766,976, 10-16-56, Cl. 261-18.
- Herrod, Jasper B.: See—
- Herrod, Ecil E. 2,766,975.
- Herrold, Gordon W., and W. H. Fouse, to Anchor Hocking Glass Corp. Glass furnace and method of heating. 2,767,235, 10-16-56, Cl. 13-6.
- Herron, Wingo. Sheet metal lug strap support. 2,766,775, 10-16-56, Cl. 139-54.
- Herschaff Products, Inc.: See—
- Herschaff, William. 2,749,147.
- Herschaff, William, to Herschaff Products, Inc. Collapsible stands. 2,749,147, 6-5-56, Cl. 248-164.
- Herschaff, William. Construction set elements and joint. 2,765,580, 10-9-56, Cl. 46-23.
- Hersberg Emanuel B.: See—
- Oliveto, Eugene P., and Hersberg. 2,773,888.
- Hersberger, Arthur B., and J. C. Reid, to The Atlantic Refining Co. Plasticized rubber compositions. 2,773,854, 12-11-56, Cl. 260-33.6.
- Herschensohn, Arthur M. Hair nets and method for making same. 2,739,602, 3-27-56, Cl. 132-49.
- Herschensohn, Arthur M. Hair nets. 2,771,888, 11-27-56, Cl. 132-49.
- Herschler, Leonard W.: See—
- Wright, Norman, and Herscher. 2,737,591.
- Herscovitch, William. Apparatus for moving wheeled vehicles along surfaces. 2,754,083, 7-10-56, Cl. 254-38.
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- Herscovitch, William. Conveyors. 2,769,526, 11-6-56, Cl. 198-75.
- Herser, Albert C., % to P. Fultz. Hypodermic syringe. 2,761,447, 9-4-56, Cl. 128-218.
- Hersey, Donald S., to United Aircraft Corp. Turbine rotor construction. 2,757,900, 8-7-56, Cl. 253-39.
- Hersey, Henry J., Jr. Filter. 2,731,107, 1-17-56, Cl. 133-61.
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- Hersey Mfg. Co., The: See—
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- Hersey, Walter O., to Knickerbocker Plastic Co., Inc. Water pipe. 2,750,797, 7-3-56, Cl. 222-79.
- Hersh, David. Liquid measuring and dispensing device. 2,759,641, 8-21-56, Cl. 222-442.
- Hershberg, Emanuel B.: See—
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- Goldberg, David H., Hershberg, and Clayton. 2,774,713.
- Oliveto, Eugene P., and Hershberg. 2,767,153.
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- Hershberg, Emanuel B., and C. Lamb, to Schering Corp. Process for the isolation of 11,20-diketo pregnanes and products obtained thereby. 2,769,020, 10-30-56, Cl. 260-397.45.
- Hershberg, Emanuel B., and D. H. Gould. Process for the extraction of sapogenins from plant materials. 2,774,714, 12-18-56, Cl. 195-32.
- Hershberger, Doran D., to General Electric Co. End shield and bearing locking arrangement. 2,731,575, 1-17-56, Cl. 110-10.
- Hershberger, William D.: See—
- Leck, George W., and Hershberger. 2,743,048.
- Hershberger, William D., to Radio Corp. of America. Frequency-stabilization by particle beams. 2,743,366, 4-24-56, Cl. 250-36.
- Hershel California Fruit Products Co., Inc.: See—
- Warren, Ray C. 2,733,724.
- Hershey, Gordon F.: See—
- Chisholm, Douglas S., and Hershey. 2,752,196.
- Hershey, David L., to Borg-Warner Corp. Single port gas burner and removable flame deflector. 2,754,895, 7-17-56, Cl. 158-113.
- Hershfield, Sanford: See—
- Ashwell, James R., Hershfield, and Kleason. 2,741,763.
- Hershfield, Sanford, to The Glenn L. Martin Co. Polarization switching antenna system. 2,756,422, 7-24-56, Cl. 343-786.
- Hershinger, Lincoln W.: See—
- Clapp, Richard G., and Hershinger. 2,773,117.
- Herstedt, Delbert C., and Weed exterminator. 2,763,222, 9-18-56, Cl. 111-7.3.
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- Hertel, Bruno W. Fish gigging device. 2,758,405, 8-14-56, Cl. 43-6.
- Hertenstein, Edgar W., Jr., and E. J. Larsen, to Western Electric Co., Inc. Methods of and apparatus for extruding lead. 2,765,910, 10-9-56, Cl. 207-2.
- Herter, Frederick J.: See—
- Hauer, Edward R., and Herter. 2,756,880.
- Herter, Frederick T.: See—
- Furniss, Loree E. 2,757,805.
- Herter, George L. Quick detachable gun sling swivel. 2,771,699, 11-27-56, Cl. 42-85.
- Herter, William: See—
- Guinet, Eugene, and Herter. 2,768,762.
- Hertrick, Vincent R., to United Carr Fastener Corp. Electrical assembly. 2,733,320, 1-31-56, Cl. 200-166.
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- Hertrich, Elise: See—
- Hertrich, Joseph. 2,759,372.
- Hertrich, Joseph, to The Western States Machine Co. Centrifugal charging apparatus. 2,751,083, 6-19-56, Cl. 210-63.
- Hertrich, Joseph, deceased, by E. Hertrich, executrix, to The Western States Machine Co. Reciprocating centrifugal drive organization. 2,759,372, 8-21-56, Cl. 74-665.



- Hertrich, Joseph, to The Western States Machine Co. Hand and air operated centrifugal discharger. 2,764,295, 9-25-56, Cl. 210-70.
- Hertsch, James W., to Ditto, Inc. Inking means for rotary direct printing lithographic duplicators. 2,737,109, 3-6-56, Cl. 101-144.
- Hertz, David B., and Ho Chow, to Celanese Corp. of America. Extrusion apparatus. 2,728,943, 1-3-56, Cl. 18-12.
- Hertz, Richard. Multi-directional viewer for vehicles. 2,739,509, 3-27-56, Cl. 88-86.
- Hertzke, George A. Drill guide. 2,766,013, 10-9-56, Cl. 255-61.
- Hervet, George L.: *See—*
- Bloch, Herman S., and Hervet. 2,737,536.
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- Hervet, George L., to Universal Oil Products Co. Production of benzene. 2,739,991, 3-27-56, Cl. 260-672.
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- Hervet, George L., and H. S. Bloch, to Universal Oil Products Co. Alkylation of aromatic hydrocarbons with selective isomers and homologs. 2,761,000, 8-28-56, Cl. 260-671.
- Hervey, Laurence R. B.: *See—*
- Stott, Louis L., and Hervey. 2,742,440.
- Hery, Vincent D., and B. L. Rich, to The American Tool Works. Feed mechanism for box making machine. 2,736,509, 2-28-56, Cl. 242-58.
- Hery, Benno. Method of application of strippable nail polish. 2,764,168, 9-25-56, Cl. 132-73.
- Herz, Herbert: *See—*
- Goldsmith, Harold A., Herz, and Gutterman. 2,737,599.
- Herz, James R. Gauge for femoral trochanteric osteotomy. 2,737,724, 3-13-56, Cl. 53-174.
- Herz, James R. Tool for bending plates in bone surgery. 2,737,835, 3-13-56, Cl. 81-15.
- Herz, Jesse E.: *See—*
- Fried, Josef, and Herz. 2,763,671.
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- Bester, Christian P. J. 2,775,387.
- Herzberg, Frank, to The B. F. Goodrich Co. Apparatus for slitting tires to a selected depth. 2,737,237, 3-6-56, Cl. 164-10.2.
- Herzberg, Frank, to The B. F. Goodrich Co. Tubeless pneumatic tire. 2,770,282, 11-15-56, Cl. 152-330.
- Herzog, Frank, A. P. Wuchter, and W. J. Strong, to The B. F. Goodrich Co. Rubber tire valve assembly. 2,769,476, 11-6-56, Cl. 152-427.
- Herzer, Hermann, to Bell Aktiengesellschaft. High-speed meat-cutter, mixer, and extruder. 2,742,937, 4-24-56, Cl. 146-182.
- Herzer, Walter, to General Machine Co., Inc. Fireplace heater unit. 2,742,892, 4-24-56, Cl. 126-4.
- Herzfeld, Nora: *See—*
- Gentry, Charles H. R., Gollin, and Herzfeld. 2,748,033.
- Herzfeld, Simon H., to Veliscol Chemical Corp. 1-thiocyanato-2,5,6,7,8-pentahalalo-3a,7,7a-tetrahydro-4,7-methanoindene. 2,744,924, 5-8-56, Cl. 260-454.
- Herzlig, Albert M.: *See—*
- Boschetti, Anthony J., and Terry. 2,729,274.
- Herzlig, Albert M. Closure for collapsible tubes. 2,753,091, 7-5-56, Cl. 282-491.
- Herzl, George G., to Radio Corp. of America. Universal drilling jig. 2,749,781, 6-12-56, Cl. 77-62.
- Herzog, Arno H.: *See—*
- Cave, William T., and Herzog. 2,733,133.
- Herzog, Edgar R. Seed and fertilizer spreader apparatus. 2,759,822, 8-21-56, Cl. 56-249.
- Herzog, Ernest A., to Carpenter and Paterson Inc. Pipe-supporting expansion rocker. 2,738,151, 3-13-56, Cl. 248-55.
- Herzog, Eugene M., to Acleries de Pompey. Low alloy steel tubing. 2,770,563, 11-13-56, Cl. 148-31.
- Herzog, Gerald B.: *See—*
- Lohman, Robert D., and Herzog. 2,736,765.
- Herzog, Gerald B., to Radio Corp. of America. Junction transistor oscillator circuit. 2,742,571, 4-17-56, Cl. 260-36.
- Herzog, Gerald B., to Radio Corp. of America. Cathode ray beam deflection system. 2,747,136, 5-22-56, Cl. 315-27.
- Herzog, Gerald B., to Radio Corp. of America. Semi-conductor phase controlled oscillator circuits. 2,768,296, 10-23-56, Cl. 250-36.
- Herzog, Gerald B., to Radio Corp. of America. Semi-conductor frequency multiplier circuit. 2,770,728, 11-13-56, Cl. 250-36.
- Herzog, Gerald B., and G. C. Sziklai, to Radio Corp. of America. Transistor electrode contacts. 2,762,955, 9-11-56, Cl. 317-235.
- Herzog, Gerald B., to Ditto, Inc. 2,762,955.
- Stratford, William M., Teichmann, and Herzog. 2,735,946.
- Herzog, Gerhard, to The Texas Co. Multiple-plate radiation detectors. 2,738,431, 3-13-56, Cl. 250-83.6.
- Herzog, Gerhard, to The Texas Co. Prospecting. 2,749,446, 8-6-56, Cl. 250-11.
- Herzog, Gerhard, to The Texas Co. Induced and scattered gamma ray well logging. 2,763,788, 9-18-56, Cl. 250-83.6.
- Herzog, Gerhard, to The Texas Co. Determination of fluid levels. 2,765,410, 10-2-56, Cl. 250-43.5.
- Herzog, Gerhard, and K. C. Ten Brink, to The Texas Co. Relative permeability measurements. 2,737,804, 3-13-56, Cl. 73-38.
- Herzog, Harold A., and C. Eastwood, to Fisher Flouring Mills Co. Portable bin. 2,745,590, 5-15-56, Cl. 229-23.
- Herzog, Harold A., and W. D. Kistler, to Fisher Flouring Mills Co. Conveying and unloading mechanism. 2,758,732, 8-14-56, Cl. 214-314.
- Herzog, Hershel L., to Schering Corp. 1-hydroxycortisone, 1-hydroxyhydrocortisone and esters therefor. 2,737,518, 3-6-56, Cl. 260-397.45.
- Herzog, Rupert C., and G. R. Arnold. Nutritive evaluating food item selector. 2,747,299, 5-29-56, Cl. 35-74.
- Heselgrave, Peter W.: *See—*
- Goldsmith, Kurt, Worstall, and Heselgrave. 2,766,265.
- Hesselov, Simon. Adjustable shelving upright and bracket. 2,741,449, 4-10-56, Cl. 248-243.
- Heseltine, Donald, to Eastman Kodak Co. Quaternary salts and method of preparation. 2,756,227, 7-24-56, Cl. 260-240.
- Heseltine, Donald W.: *See—*
- Brooker, Leslie G. S., and Heseltine. 2,748,114.
- Heseltine, Donald W., to Eastman Kodak Co. Sensitizing dyes and method of preparation. 2,734,900, 2-14-56, Cl. 260-240.5.
- Hesemann, Bernhard H. Railroad tie replacing machine. 2,735,374, 3-6-56, Cl. 101-9.
- Hespenheide, Wilbur G., and C. L. Faust, to American Brake Shoe Co. Method of electroplating copper-lead alloy. 2,739,106, 3-20-56, Cl. 204-23.
- Hespenheide, Wilbur G., C. L. Faust, and B. J. Esarey, to American Brake Shoe Co. Electrodepositing baths and plating methods. 2,763,606, 9-18-56, Cl. 204-44.
- Hess, Co., The: *See—*
- Rzeszutko, Stanley J. 2,769,897.
- Hess, Frederic O., to Selas Corp. of America. Porous membrane. 2,746,607, 5-22-56, Cl. 210-169.
- Hess, Frederic O., to Selas Corp. of America. Billet heating apparatus. 2,749,108, 6-5-56, Cl. 263-6.
- Hess, Frederic O., to Selas Corp. of America. Method and apparatus for heating ingots. 2,754,104, 7-10-56, Cl. 263-2.
- Hess, Frederic O., to Selas Corp. of America. Apparatus for coating pipes. 2,771,053, 11-20-56, Cl. 118-44.
- Hess, George R. Signalling device using store customer's service numbers. 2,761,231, 9-4-56, Cl. 40-19.5.
- Hess, Howard V. Smoke filter. 2,754,829, 7-17-56, Cl. 131-208.
- Hess, Howard V., and G. B. Arnold, to The Texas Co. Separation of hydrocarbons and other compounds with chemicals. 2,735,874, 2-21-56, Cl. 260-650.
- Hess, Howard V., and N. D. Carter, to The Texas Co. Conversion of gaseous hydrocarbons into ethylene and aromatics. 2,735,876, 2-21-56, Cl. 260-673.
- Hess, Hugo: *See—*
- Van Kaick, Edmund, and Hess. 2,748,342.
- Hess, Karl W., to Hartford National Bank and Trust Co. Rectifying apparatus. 2,730,659, 1-10-56, Cl. 315-168.
- Hess, Otto. Sewing machine. 2,744,482, 5-8-56, Cl. 112-258.
- Hess, Otto. High-speed sewing machine with pressure feed lubrication. 2,762,324, 9-11-56, Cl. 112-256.
- Hess, Otto. Device for fastening the stitch plate on the lower part of a sewing machine. 2,770,207, 11-13-56, Cl. 112-260.
- Hess, Raymond C., L. L. Carpenter, and W. Horstmeier, to Carbide and Carbon Corp. Marbling plastic sheet. 2,740,991, 4-10-56, Cl. 18-48.8.
- Hess, Thomas D., to American Bosch Arm Corp. Governor for fuel injection. 2,773,683, 12-11-56, Cl. 264-3.
- Hess, Werner F.: *See—*
- Trimble, George S., Jr., and Hess. 2,768,526.
- Hess, Werner G., to Dana Corp. Device for removing flux from welded seam. 2,740,978, 4-10-56, Cl. 15-93.
- Hesse, Alfred H., to Olin Mathieson Chemical Corp. Magnesium-base alloys. 2,747,991, 5-29-56, Cl. 73-168.
- Hesse, Henry R., to Allen B. Du Mont Laboratories, Inc. Thermionic tube and sockets therefor. 2,729,801, 1-3-56, Cl. 339-193.
- Hesse, Henry R., to Allen B. Du Mont Laboratories, Inc. Tuning device. 2,765,447, 10-2-56, Cl. 333-82.
- Hesse, Stanley H.: *See—*
- Trimbler, Max E., and Hesse. 2,739,941.
- Hesselmann, Willy. Apparatus for binding sheets of flexible material. 2,760,214, 8-28-56, Cl. 11-1.
- Hessemer, Robert R. Drag cutter assembly for clearing land. 2,751,736, 6-26-56, Cl. 55-60.
- Hessert, Charles, Jr. Combined fishing sinker and line spreader. 2,770,909, 11-20-56, Cl. 43-42.74.
- Hessler, Henry P.: *See—*
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- Hesson, James C.: *See—*
- Williamson, Hilding V., and Hesson. 2,758,016.
- Heston Mfg. Co., Inc.: *See—*
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- Hester, Frank A., to Faximile, Inc. Facsimile system with automatic density control. 2,729,700, 1-3-56, Cl. 178-6.6.
- Hester, Frank A., and H. C. Ressler, to Hogan Laboratories, Inc. Wave transmission network. 2,760,167, 8-21-56, Cl. 333-70.
- Hester, Fred A., deceased; M. G. Hester, executrix. Casing whipstocks. 2,766,010, 10-9-56, Cl. 255-18.
- Hester, Jay P. Deformable coil horn. 2,762,164, 9-11-56, Cl. 46-182.
- Hester, Mildred G.: *See—*
- Hester, Fred A. 2,766,010.

- Hester Plow Co., Inc.: *See*—  
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- Hester, Robert G., to the United States of America as represented by the United States Atomic Energy Commission. Polarity selector. 2,729,809, 1-3-56, Cl. 340—174.
- Heston, Allen L., to National Rubber Machinery Co. Method of making tires. 2,741,799, 4-17-56, Cl. 18—53.
- Heth, Sherman C.: *See*—  
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- Heth, Sherman, N. M., Krause, and H. E. Witbey to I. Case Co. Picking rolls with clearing beater. 2,771,731, 11-27-56, Cl. 56—104.
- Hetrick, James C.: *See*—  
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- Hetrick, Richard M. Marionette formed of tubular sheet material. 2,760,305, 8-28-56, Cl. 46—126.
- Hettich, Hugo. Fork safety means for clocks with pallet escapement. 2,763,123, 9-18-56, Cl. 58—117.
- Hetrick, George R.: *See*—  
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- Hetrick, George R., to Phillips Petroleum Co. Hydrocarbon extraction unit and operation. 2,764,522, 9-25-56, Cl. 18—14,26.
- Hetrick, George R., to Phillips Petroleum Co. Catalytic defluorination process. 2,769,853, 11-6-56, Cl. 260—683.4.
- Hettinger, George: *See*—  
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- Hettinger, William P., Jr., and J. W. Teter, to Sinclair Refining Co. Recovery of 1,2,4,5-tetramethylbenzene from a hydrocarbon fraction. 2,761,858, 9-4-56, Cl. 260—96.5.
- Hettler, Friedrich: *See*—  
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- Hetrick Mfg. Co.: *See*—  
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- Hewall, Wallace, Earl C., and Meekin. 2,764,993.
- Hetzl, Max, to Bulova Watch Co. Inc. Apparatus for deriving an electrical quantity in dependence on the momentary position of the regulating device of a clockwork. 2,748,595, 6-5-56, Cl. 73—8.
- Hetzl, Max, to Bulova Watch Co. Inc. Device for measuring the error of a clock movement. 2,752,775, 7-3-56, Cl. 73—8.
- Hetzl, Stanford J., to Sun Oil Co. Recovery of naphthenic acids from other petroleum constituents. 2,742,497, 4-17-56, Cl. 260—514.
- Hetzl, Stanford J., to Sun Oil Co. Emulsion polymerizations of butadiene-1,3 compounds. 2,752,330, 6-26-56, Cl. 260—82.1.
- Hetzl, Stanford J., to Sun Oil Company. Soil treatment with green sulfonic acid ammonium salts. 2,754,189, 7-10-56, Cl. 71—27.
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- Hetzl, Stanford J., to Sun Oil Co. Utilizing cracked gas oil. 2,766,217, 10-9-56, Cl. 260—31.2.
- Hetzl, Stanford J., to Sun Oil Co. Oxidation and esterification of cracked gas oil. 2,766,272, 10-9-56, Cl. 260—469.
- Hetzler, Chalmers D. Signal. 2,762,037, 9-4-56, Cl. 340—321.
- Heuchert, Erwin: *See*—  
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- Heuer, Russell P., to General Refractories Co. Open hearth steel furnace. 2,753,171, 7-3-56, Cl. 263—45.
- Heuer, Russell P., to General Refractories Co. Composite furnace roof construction. 2,757,023, 8-7-56, Cl. 110—99.
- Heuer, Russell P., to General Refractories Co. Regenerator. 2,771,285, 11-20-56, Cl. 263—15.
- Heuer, Walter: *See*—  
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- Heunemann, Fred G. Electrical plug connector. 2,775,744, 12-25-56, Cl. 339—74.
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- Heusser, Wilhelm L. G., to Hermann Schwarz K. G. Lock for metallic line groups. 2,744,717, 5-8-56, Cl. 248—334.
- Heusser, Hans: *See*—  
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- Heuver, Herbert W.: *See*—  
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- Hevi Duty Electric Co.: *See*—  
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- Hewes, Ralph W.: *See*—  
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- Hewett, Colin L., to Organon Laboratories Ltd. Phenyl propionate of testosterone. 2,755,292, 7-17-56, Cl. 260—397.4.
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- Hewey, George R. Methods for treating clogged underground sewage drain systems. 2,768,949, 10-30-56, Cl. 210—6.
- Hewey, Robert W.: *See*—  
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- Hewitt, Ellis E., to Westinghouse Air Brake Co. Torque controlled brake. 2,736,394, 2-28-56, Cl. 188—151.
- Hewitt, Ellis E., to Westinghouse Air Brake Co. Control valve device. 2,747,611, 5-29-56, Cl. 137—622.
- Hewitt, Ellis E., R. J. Bush, and W. B. Jeffrey, to Westinghouse Air Brake Co. Hose clamp applying machine. 2,729,994, 1-10-56, Cl. 81—8.3.
- Hewitt, Frederick G., to Burgess-Manning Co. Doorless telephone booth. 2,769,211, 11-6-56, Cl. 20—3.5.
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- Hewitt, Thomas, H. J. Miller, and J. Varley; said Miller assor. to British Insulated Callender's Cables Ltd., and said Hewitt and said Varley assors. to British Copper Refiners Ltd. Manufacture of copper. 2,732,294, 1-24-56, Cl. 75—76.
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- Hewitt, William H., Jr., to Bell Telephone Laboratories, Inc. Microwave magnetized ferrite attenuator. 2,745,069, 5-15-56, Cl. 333—81.
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- Smith, Otto J. M. 2,748,278.
- Hewson, Thomas A., to Lessells and Associates, Inc. Apparatus for performing chemical tests. 2,768,879, 10-30-56, Cl. 23—253.
- Hewson, William B., to Hercules Powder Co. Cellulose acetate sorbate and compositions thereof. 2,749,319, 6-5-56, Cl. 260—17.
- Hexacon Electric Co.: *See*—  
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- Hexcel Products Inc.: *See*—  
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- Steele, Roger C., and Hughes. 2,761,357.
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- Hey, Lester L., and E. M. Pital; said Hey assor. to Pital. Hinge. 2,735,133, 2-21-56, Cl. 16—128.
- Heyboeck, to Sperry Rand Corp. Card stop for visible card index panels. 2,742,043, 4-17-56, Cl. 129—16.
- Heyden Chemical Corp.: *See*—  
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- Kale, William R. 2,773,998.
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- Deinet, Adolph J., and Klein. 2,766,249.
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- Herr, Milton E., and Heyl. 2,769,010.
- Herr, Milton E., and Heyl. 2,773,072.
- Heyl, John K., and W. H. Schweikert, to Super-Treat, Inc. Apparatus for sub-zero treatment of metals. 2,742,176, 4-17-56, Cl. 220—36.
- Heyl & Patterson, Inc.: *See*—  
Osojnak, Boris M. 2,745,659.
- Heym, Raymond S., to Chrysler Corp. Control for a refrigeration system. 2,774,220, 12-18-56, Cl. 62—3.
- Heyman, Albert A.: *See*—  
Freedman, Stanley P., and Heyman. 2,740,363.
- Heyman, Albert A., to The Maryland Baking Co. Automatic cone making machine with stationary roller unit. 2,774,315, 12-18-56, Cl. 197—4.
- Heyman, Moses D. Small-punch die construction. 2,738,008, 3-13-56, Cl. 164—86.
- Heymann, Hans. Purification of waste water. 2,770,593, 11-13-56, Cl. 210—16.
- Heyna, Johannes, to Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius und Bruning. Acid mono-azo dye. 2,743,267, 4-24-56, Cl. 260—200.
- Heynau, Hans F. Mechanical drawing pencil. 2,768,609, 10-30-56, Cl. 120—9.



- Heys, Ralph C., to Millsbaugh Ltd. Paper-making machines. 2,737,088, 3-6-56, Cl. 92—44.
- Heys, Ralph C., to Beloit Iron Works. Paper-making machines. 2,748,671, 6-5-56, Cl. 92—44.
- Heywood, James E., to See—
- Goldberg, Jacob, Cox, and Heywood. 2,735,082.
- Heywood, Vincent E., to United States Envelope Co. Suction gripping mechanism for envelope machines and the like. 2,730,360, 1-10-56, Cl. 271—27.
- Heywood, Vincent E., to United States Envelope Co. Feed and discharge mechanism for envelope conveyor. 2,755,906, 7-24-56, Cl. 198—24.
- Heywood, Vincent E., to United States Envelope Co. Envelope making method and mechanism. 2,772,611, 12-4-56, Cl. 93—62.
- Heywood-Wakefield Co.: See—
- Hendrickson, Severin B. 2,757,715.
- Higley, David E., and Wickman. 2,730,164.
- Parrish, Frank T. 2,736,042.
- Roberts, Joseph H. 2,736,320.
- Hiatt, Gordon D., and J. Emerson, to Eastman Kodak Co. Process for preparing polyvinyl dicarboxylic acid esters. 2,759,990, 8-21-56, Cl. 260—78.5.
- Hiatt, Gordon D., J. W. Mench, and J. Emerson, to Eastman Kodak Co. Process for preparing cellulose dicarboxylic acid esters. 2,759,925, 8-21-56, Cl. 260—225.
- Hiatt, Wilbur L., to Splendor, Inc. Foldable closure. 2,770,298, 11-13-56, Cl. 160—199.
- Hibbard, Earl R.,  $\frac{1}{2}$  to A. D. Wert. Method of and system for the remote control of model railroads. 2,743,678, 5-1-56, Cl. 104—151.
- Hibbard, Myrthan R., and J. L. Riley. Sinker grapple. 2,738,217, 3-13-56, Cl. 294—166.
- Hibbard, Oscar L., and F. M. Carroll, to International Business Machines Corp. Card counting and packaging machine. 2,765,602, 10-9-56, Cl. 53—61.
- Hibbard, Thomas L., to Kelsey-Hayes Wheel Co. Ventilating structure for wheel brakes. 2,754,939, 7-17-56, Cl. 18—264.
- Hibbard, William D., to Minneapolis-Honeywell Regulator Co. Centering device. 2,756,610, 7-31-56, Cl. 74—470.
- Hibbitt, Alec E. W.: See—
- Couzens, Sydney N., and Hibbitt. 2,738,434.
- Hibbs, Frank J., Jr., to Associated Refrigerating Engineers. Vacuum product cooler. 2,770,110, 11-13-56, Cl. 62—169.
- Hibbs, Frank J., Sr.: See—
- Peukert, Theodore J., Sr., and Hibbs. 2,748,576.
- Hibner, Delos E., Jr., to Continental Foundry & Machine Co. Soot blower control and operating system. 2,730,749, 4-5-56, Cl. 318.
- Hibshman, Henry J., and J. J. Trexel, to Esso Research and Engineering Co. Vapor-liquid contacting apparatus. 2,772,081, 11-27-56, Cl. 261—114.
- Hice, Jaxon O., and J. J. Meadows, to Seapak Corp. Method for preparing, freezing and packing frozen shrimp. 2,740,721, 4-3-56, Cl. 99—195.
- Hicken, Carroll D. Double-acting jaw type stone crusher. 2,737,349, 3-6-56, Cl. 241—140.
- Hickerson, John E., to International Business Machines Corp. Single printing element typewriter. 2,757,775, 8-7-56, Cl. 197—49.
- Hickey-Freeman Corp.: See—
- Geminiani, Hugo J. 2,745,107.
- Hickey, George M., to J. Bishop & Co. Platinum Works. Pellet injector. 2,751,907, 6-26-56, Cl. 128—221.
- Hickey, Herbert W.: See—
- Sloan, Harry E., and Hickey. 2,751,824.
- Sloan, Harry E., and Hickey. 2,757,009.
- Sloan, Harry E., Rutherford, and Hickey. 2,732,216.
- Hickey, John H., and L. M. Mittelsdorf, to the United States of America as represented by the Secretary of the Navy. Variable-speed code-training devices. 2,772,326, 11-27-56, Cl. 178—115.
- Hickey, John S., Jr., to General Electric Co. Magnetically focused electron discharge device. 2,748,307, 5-29-56, Cl. 313—155.
- Hickey, John S., Jr., to General Electric Co. Magnetic motion transducer. 2,755,403, 7-17-56, Cl. 313—72.
- Hickey, Leo R., deceased, by M. Hickey, executrix, to T. M. Hickey. Furnace control. 2,739,203, 3-20-56, Cl. 200—138.
- Hickey, Richard J., to Commercial Solvents Corp. Soluble ascosin composition and method for preparing same. 2,748,053, 5-29-56, Cl. 167—65.
- Hickey, Thelma M., executrix: See—
- Hickey, Leo R. 2,739,203.
- Hickin, Ernest M., to The General Electric Co. Ltd. Automatic frequency control. 2,750,505, 6-12-56, Cl. 250—36.
- Hickin, Robert J., to The Ohio Boxboard Co. Folding carton. 2,742,221, 4-17-56, Cl. 229—31.
- Hickin, Robert J., to The Ohio Boxboard Co. Reclosable carton. 2,762,552, 9-11-56, Cl. 229—38.
- Hickin, Robert J., and C. L. Champlin, to The Ohio Boxboard Co. Carrier cartons. 2,742,182, 4-17-56, Cl. 220—118.
- Hickin, Wyndham R.: See—
- Bradstock, Robert B., and Hickin. 2,751,451.
- Hicklin, William O., to William E. Cary Ltd. Liquid circuit interrupting apparatus. 2,729,922, 1-10-56, Cl. 68—184.
- Hickman, Albert F., to Hickman Developments, Inc. Tandem axle spring suspension. 2,739,821, 3-27-56, Cl. 280—104.5.
- Hickman, Albert F., to Hickman Industries, Inc. Spring suspension for vehicles. 2,740,622, 4-3-56, Cl. 267—25.
- Hickman, Albert F., to Hickman Developments, Inc. Vehicle spring suspension of the shear rubber type. 2,752,166, 6-26-56, Cl. 280—124.
- Hickman, Albert F., to Hickman Developments, Inc. Spring suspension for vehicles. 2,758,832, 8-14-56, Cl. 267—63.
- Hickman Developments, Inc.: See—
- Hickman, Albert F. 2,739,821.
- Hickman, Albert F. 2,752,166.
- Hickman, Albert F. 2,758,832.
- Hickman, Franklin J.: See—
- Tuller, Clarence E., and Hickman. 2,733,326.
- Hickman, George A.: See—
- Peery, Luther C., Hickman, and Hirsch. 2,738,263.
- Hickman Industries, Inc.: See—
- Hickman, Albert F. 2,740,622.
- Hickman, Kenneth C. D.,  $\frac{1}{2}$  to E. Harris, Jr., and  $\frac{1}{2}$  to G. D. Dickson. Compression distillation method and apparatus. 2,734,023, 2-7-56, Cl. 202—64.
- Hickman, Kenneth C. D., and E. E. Harris. Purification of acid chlorides. 2,748,151, 5-29-56, Cl. 260—408.
- Hickman, Paul: See—
- Carlin, Robert T., and Hickman. 2,747,187.
- Hickok, Glenn G., to Ionia Mfg. Co., Inc. Kneeling bench for folding chairs. 2,734,557, 2-14-56, Cl. 155—166.
- Hickok, John E., J. O. Smith, Jr., and J. J. Heigl, to Esso Research and Engineering Co. Treatment of gasoline for improving oxidation stability by forming peroxides in gasoline, and then reacting with an organic hydroxy carboxylic acid. 2,767,123, 10-16-56, Cl. 196—42.
- Hickory Springs Mfg. Co., Inc.: See—
- Tunnell, Jack B. 2,772,723.
- Hicks, Bennie L. Railroad freight car truck bolster side bearing. 2,739,853, 3-27-56, Cl. 308—226.
- Hicks, Delbert T.: See—
- Davidson, Hershel J., and Hick. 2,742,839.
- Hicks, Earl M. Vehicle safety exit window structure. 2,736,402, 2-28-56, Cl. 189—64.
- Hicks, Earl M. Sash latch. 2,768,852, 10-30-56, Cl. 18—264.
- Hicks, Edwin W.: See—
- Willoughby, Eric O. 2,769,168.
- Hicks, Frederick W., Jr., to Hannifin Corp. Valves. 2,754,840, 7-17-56, Cl. 137—454.6.
- Hicks, George L.,  $\frac{1}{2}$  to R. E. Weinzel, and  $\frac{1}{2}$  to E. Weinzel. Wheeled toy with tiltable body. 2,770,915, 11-20-56, Cl. 46—22.
- Hicks, James C.: See—
- Austin, Leslie W., and Hicks. 2,775,525.
- Austin, Leslie W., and Hicks. 2,775,526.
- Austin, Leslie W., and Hicks. 2,775,527.
- Hiede, Anthony S., to Mobil Oil Co., Inc. Hydrocarbon conversion process and apparatus therefor. 2,748,060, 5-29-56, Cl. 196—50.
- Hicks, Lionel L. Fastener-applying implement. 2,752,595, 7-3-56, Cl. 1—49.
- Hicks, Lois A.: See—
- Gotsching, Arthur. 2,733,656.
- Hicks, Roy E. Repeating toy gun. 2,730,094, 1-10-56, Cl. 124—19.
- Hicks, Wesley: See—
- Kercher, Arthur J. 2,736,844.
- Hicks, William T., J. E. Leard, and W. G. Pharo, to Western Electric Co., Inc. Take-up reel apparatus. 2,735,629, 2-21-56, Cl. 242—25.
- Hickson, Glenn R.: See—
- Frick, Charles H., and Hickson. 2,771,778.
- Hidde Nijland, Hendrik A., to N. V. "COQ." Electric apparatus, such as liquid immersed switches, comprising means for discharging gases produced during operation of the apparatus. 2,731,105, 1-17-56, Cl. 183—45.
- Hidde Nijland, Hendrik A., to N. V. "COQ." Electric switching apparatus for high tension. 2,745,992, 5-15-56, Cl. 317—157.6.
- Hidde Nijland, Hendrik A., to N. V. "COQ." Circuit breakers. 2,772,335, 11-27-56, Cl. 200—148.
- Hiatt Engineering Co.: See—
- Wilson, Keith E. 2,745,626.
- Hieger, Robert H. Carburetor acceleration pump. Re. 24,134, 2-7-56, Cl. 1—102.
- Hieger, Robert H. Automobile emblem ensemble. 2,739,400, 3-27-56, Cl. 40—2.
- Hieger, Robert H. Carburetor float valve. 2,752,937, 7-3-56, Cl. 137—434.
- Hiehle, Michael E., to General Electric Co. Antenna system. 2,742,641, 4-17-56, Cl. 343—791.
- Hiele, Carl A. Direct reading efficiency indicator. 2,759,668, 8-21-56, Cl. 235—61.
- Hiensch, Johannes N., to Textile Machinery Corp. Textile yarn producing apparatus. 2,743,572, 5-1-56, Cl. 57—34.
- Hiensch, Johannes N., to Textile Machinery Corp. Methods of production of textile yarns. 2,743,573, 5-1-56, Cl. 57—164.
- Hierholzer, Frank J., Jr.: See—
- Caplis, George W., Plagge, and Hierholzer. 2,769,156.
- Hierholzer, Frank J., Jr., and K. H. Neullinger, to Westinghouse Electric Corp. Lamp unit and inner member support. 2,749,461, 6-5-56, Cl. 313—25.
- Hiers, Glen S.: See—
- Bird, Whitworth F., and Hiers. 2,753,597.
- Hiersteiner, Walter L., to Tension Envelope Corp. Envelope compartments. 2,749,021, 6-5-56, Cl. 229—72.
- Hiersteiner, Walter L., to Tension Envelope Corp. Envelope or like article adapted for attachment to a button. 2,767,902, 10-23-56, Cl. 229—74.

- Hieserman, Clarence E., to Celanese Corp. of America. Production of inhibitor gel compositions. 2,762,680, 9-11-56, Cl. 8—61.
- Hieserman, Clarence E., and W. R. Edwards, to Celanese Corp. of America. Recovery of phosgene in the production of chloroformates. 2,764,607, 9-25-56, Cl. 260—463.
- Hiestand, Armin: *See* Albrecht, Otto, and Hiestand. 2,763,649.
- Hiestand, Everett N., to the United States of America as represented by the Secretary of the Navy. Radioactive source holder. 2,772,361, 11-27-56, Cl. 250—106.
- Higala, William. Clothes pin. 2,758,349, 8-14-56, Cl. 24—139.
- Higashi, Yazo, and T. Mori. Irregular gear cutting apparatus. 2,736,239, 2-28-56, Cl. 90—3.
- Higbie, Alan L.: *See* Butterfield, John P., and Higbie. 2,733,572.
- Higbie Mfg. Co.: *See* Cadman, William L. 2,775,418.
- Higginbotham, Robert J. Lug stirrer bracket for picker stick. 2,731,042, 1-1-56, Cl. 59—154.
- Higginbotham, Robert J., and M. E. Herndon, Jr.: said Herndon assor. to said Higginbotham. Clearing rolls for textile machines. 2,730,770, 1-17-56, Cl. 19—140.
- Higgins, Alfred P., and G. R. Gordon, to General Dynamics Corp. Offsetting apparatus. 2,738,823, 3-20-56, Cl. 153—21.
- Higgins, Alfred P., and G. R. Gordon, to General Dynamics Corp. Forming apparatus. 2,751,871, 6-26-56, Cl. 113—44.
- Higgins, Donald S., to Shellmaker Inc. Centrifugal pump. 2,736,265, 2-28-56, Cl. 103—103.
- Higgins, Edgar J. Bottle carrier. 2,731,182, 1-17-56, Cl. 224—42,46.
- Higgins, Frank W.: *See* Goodhue, William V., and Higgins. 2,764,362.
- Higgins, Inc.: *See* Bernhart, Alvin W. 2,732,246.
- Dugas, Joseph J. 2,733,053.
- Higgins, James R.: *See* Stephens, Joseph F., Higgins, Tilbrook, and Kerr. 2,742,240.
- Higgins, Jess C. Muffler, spark arrester, and water trap for internal combustion engines having vertical stacks. 2,732,913, 2,731-56, Cl. 183—96.
- Higgins, Laurence H. Decree of distribution to F. H. Cast. Saw sharpening mechanism. 2,775,145, 12-25-56, Cl. 76—41.
- Higgins, Milton P., and G. E. Comstock, 3rd., to Norton Co. Machine tool. 2,766,364, 10-9-56, Cl. 219—69.
- Higgins, Rene B., Jr. Carburetor construction. 2,766,025, 10-9-56, Cl. 261—72.
- Higgins, Richard L. Electrically-heated windshield wiper. 2,746,077, 5-22-56, Cl. 15—250,5.
- Higgins, Richard M.: *See* Jacobs, Joseph J., and Higgins. 2,764,456.
- Higgins, Roger K., to the United States of America as represented by the Secretary of the Navy. Sensitive pressure switch. 2,772,330, 11-27-56, Cl. 200—33.
- Higgins, Stephen P., Jr., to H. H. Drinker, to Minneapolis-Honeywell Regulator Co. Manually or automatically actuated air-pressure-responsive controller. 2,751,918, 6-26-56, Cl. 137—8,5.
- Higgins, Theodore S., to Draper Corp. Pick motion for looms. 2,760,522, 8-28-56, Cl. 139—147.
- Higgins, William F.: *See* Walte, William G., and Higgins. 2,733,227.
- Walte, William G., and Higgins. 2,772,231.
- Higgins, William F., to F. A. Hughes & Co. Ltd. Devices for cathodic protection of metallic structures. 2,756,204, 7-24-56, Cl. 204—197.
- Higgins, William F., to Magnesium Elektron Ltd. Cleaning of magnesium base alloy castings. 2,766,199, 10-9-56, Cl. 104—141.
- High, Carl F. Fuel injection apparatus and control mechanism therefor. Re. 24,132, 3-20-56, Cl. 103—2.
- Hig, Carl F., to American Bosch Arm Corp. Fuel injection pump. 2,775,203, 12-25-56, Cl. 103—2.
- Higley, Hugh S., and C. B. Wilcox, to Clevite Corp. Method and apparatus for forming flanged bearings. 2,737,707, 3-13-56, Cl. 29—149,5.
- Higfield, Frank W. W., to The Austin Motor Co. Ltd. Method of and apparatus for applying a hard alloy coating to the seating surfaces of valves for internal combustion engines. 2,749,932, 5-2-56, Cl. 117—43.
- Hizhkin, Joseph. Method of and apparatus for making dentures. 2,754,589, 7-17-56, Cl. 32—32.
- Highland Box Co.: *See* Bray, Herschel V., and Bosché. 2,772,609.
- Moore, Arthur C. 2,736,483.
- Highland Container Co., Inc.: *See* Pritchett, John L. 2,739,752.
- Pritchett, John L., and Markham. 2,739,705.
- Higley, Espy C. Back rest. 2,738,169, 3-13-56, Cl. 155—133.
- High-Pressure Components Ltd.: *See* Williams, Derrick J. 2,745,432.
- Hightower, Kenneth R., to Beech Aircraft Corp. Polyphase power failure indicator. 2,759,177, 8-14-56, Cl. 204—253.
- Hightower, Robert F.: *See* Hightower, Roy M., and R. F. 2,748,995.
- Hightower, Roy M., and R. F. Measured quantity granulated material dispensing caps. 2,748,995, 6-5-56, Cl. 222—449.
- High Voltage Engineering Corp.: *See* Robinson, Denis M. 2,729,748.
- Robinson, Denis M. 2,737,593.
- Trump, John G., and Van de Graaff. 2,741,704.
- Van de Graaff, Robert J. 2,767,324.
- Higley, David E., and H. W. Wickman, to Heywood-Wakefield. Pivotal arrangement for recliner chairs. 2,730,164, 1-10-56, Cl. 155—116.
- Higley, Robert E., to Westinghouse Electric Corp. Brazing tips. 2,734,979, 2-14-56, Cl. 219—4.
- Higley, Willard S.: *See* Brown, Herbert C., and Higley. 2,767,230.
- Higonnet, Rene, and L. M. Moyroud, to Graphic Arts Research Foundation, Inc. Photographic composing apparatus. 2,736,249, 2-28-56, Cl. 95—4,5.
- Higonnet, Rene A., and L. M. Moyroud, to Graphic Arts Research Foundation, Inc. Photographic copying device. 2,744,443, 5-8-56, Cl. 88—24.
- Higonnet, Rene A., and L. M. Moyroud, to Graphic Arts Research Foundation, Inc. Photographic composing apparatus. 2,744,457, 5-8-56, Cl. 95—4,5.
- Higonnet, Rene, and L. Moyroud, to Graphic Arts Research Foundation, Inc. Keyboard locking device. 2,758,693, 8-14-56, Cl. 197—107.
- Higonnet, Rene A., and L. M. Moyroud, to Graphic Arts Research Foundation, Inc. Register for type composing apparatus. 2,745,895, 10-9-56, Cl. 197—19.
- Higonnet, René A., and L. M. Moyroud, to Graphic Arts Research Foundation, Inc. Photographic composing apparatus. 2,767,628, 10-23-56, Cl. 95—4,5.
- Higonnet, René A., and L. Moyroud, to Graphic Arts Research Foundation, Inc. Photographic type composing apparatus. 2,775,172, 12-25-56, Cl. 95—4,5.
- Higuchi, Takeru, to The C. P. Hall Co. of Illinois. Continuous partition chromatography. 2,743,818, 5-1-56, Cl. 210—210.
- Higuchi, Takeru, to The C. P. Hall Co. of Illinois. Process of separation of higher molecular weight dicarboxylic acids. 2,744,067, 5-1-56, Cl. 210—42,5.
- Hilber & Co., K. G.: *See* Schubert, Rudolf. 2,760,452.
- Hilber, Hanna, to A. Kreidler. Telescopic forks for motor-cycles or the like. 2,768,836, 10-30-56, Cl. 280—276.
- Hilber, Hanna, to A. Kreidler. Cycle saddle support mounting. 2,770,470, 11-15-56, Cl. 287—119.
- Hilber, Richard, to Universal Winding Co. Adjustable yarn guide. 2,763,445, 9-18-56, Cl. 242—157.
- Hilbush, Joseph M. Lubricant filter. 2,750,048, 6-12-56, Cl. 210—183.
- Hildebrand, Gustav H., to Eastman Kodak Co. Cellulose ester photographic emulsions. 2,748,022, 5-29-56, Cl. 117—34.
- Hild, Raymond L. Insecticide distributor. 2,745,210, 5-15-56, Cl. 43—125.
- Hildebrand, Gusta E. H., and B. Edwin, to Aktiebolaget Kautschuk. Thermoelectric nickel-base alloys. 2,747,992, 5-29-56, Cl. 75—170.
- Hildebrand, Rudolf: *See* Bock, Franz, and Hildebrandt. 2,758,760.
- Hildebrandt, Alexander B., to Esso Research and Engineering Co. Expanding type momentum pellet impact drilling apparatus. 2,735,654, 2-21-56, Cl. 255—61.
- Hildebrandt, Alexander B., to Esso Research and Engineering Co. Self-inflating balloon type formation tester. 2,742,968, 4-4-56, Cl. 166—100.
- Hildebrandt, Alexander B., to Esso Research and Engineering Co. Recycle fluid control in pellet impact drilling. 2,771,274, 11-20-56, Cl. 255—61.
- Hildebrandt, Alexander B., and F. H. Deilly, to Esso Research and Engineering Co. Borehole inclinometer. 2,747,294, 5-29-56, Cl. 33—205.
- Hildebrandt, Arnold: *See* Farley, George F., and Hildebrandt. 2,733,032.
- Hildebrandt, Rudolf: *See* Friedrichsen, Clyde R. 2,751,173.
- Hildebrecht, Dewey C. Dual carburetor and ignition control. 2,752,905, 7-3-56, Cl. 123—102.
- Hilden, Jack G.: *See* Kobitz, Francis F., and Hilden. 2,760,893.
- Hilden, Leonard O. Toy branding iron. 2,738,618, 3-20-56, Cl. 46—175.
- Hildyard, Joseph M. Apparatus for the measurement and control of fluids. 2,746,480, 5-22-56, Cl. 137—386.
- Hileman, Guy W., to Morris Paper Mills. Container. 2,744,416, 4-10-56, Cl. 229—41.
- Hileman, Henry H., to Metropolitan Mirror and Glass Co. Inc. Processes of precipitating copper from copper sulfate solutions and precipitating media for so doing. 2,759,845, 8-24-56, Cl. 117—35.
- Hilmer, Malvern J., to The Commonwealth Engineering Co. of Ohio. Rustproofing compositions. 2,756,156, 7-24-56, Cl. 106—14.
- Hiler, Malvern J., to The Commonwealth Engineering Co. of Ohio. Agitate filter tips from dextran. 2,768,913, 10-30-56, Cl. 131—10.
- Hilgart, Arthur A.: *See* Paradiso, Sam J., and Hilgart. 2,761,522.
- Hilge, Philipp: *See* Berdelle-Hilge, Philipp, Schreiner, Blessing, and Stöhr. 2,773,454.
- Hilgedick, Kenneth R. Luminous sign. 2,763,948, 9-25-56, Cl. 40—130.



- Hilgford, Clarence F. Tie shaper. 2,749,554, 6-12-56, Cl. 2-153.
- Hilgers, Robert W., to Sundstrand Machine Tool Co. Rubbing machine. 2,735,241, 2-21-56, Cl. 51-170.
- Hilgert, Adolph J., See—
- Hilgert, Gerald E., and Hilgert. 2,765,631.
- Hilgert, Adolph J., to Milwaukee Gas Specialty Co. Thermostat. 2,734,113, 2-7-56, Cl. 200-138.
- Hilgert, Adolph J., to Milwaukee Gas Specialty Co. Thermostat. 2,737,555, 3-6-56, Cl. 200-140.
- Hilgert, Adolph J., to Milwaukee Gas Specialty Co. Circuit-controlling device. 2,773,649, 12-11-56, Cl. 236-21.
- Hilkemeier, Louis G., to Worthington Corp. Positioner for welding or other manufacturing operation. 2,729,883, 1-10-56, Cl. 29-288.
- Hilkemeier, Louis G., to Worthington Corp. Agitator. 2,744,734, 5-2-56, Cl. 259-161.
- Hilkemeier, Louis G., to Worthington Corp. Truck mixer water tank. 2,748,793, 6-5-56, Cl. 137-264.
- Hilkemeier, Louis G., to Worthington Corp. Drum track or tire. 2,753,163, 7-3-56, Cl. 259-175.
- Hilkemeier, Louis G., to Worthington Corp. Transmission. 2,758,687, 8-14-56, Cl. 192-4.
- Hill, Arlie D. Conduit box (excenter type). 2,738,990, 3-20-56, Cl. 285-24.5.
- Hill, Arlie D. Hand actuated pipe wall extrusion tool. 2,769,358, 11-6-56, Cl. 81-15.
- Hill, Arthur R. Anchor bolt structure with supporting member. 2,765,134, 10-2-56, Cl. 248-29.
- Hill, Boyd N., and H. G. Schutze, to Esso Research and Engineering Co. Caustic washing, water washing and SO<sub>2</sub> extracting kerosene while excluding free oxygen. 2,763,592, 9-14-56, Cl. 198-14.47.
- Hill Bros. Co. See—
- Hill, Lawson T. 2,737,671.
- Hill, Lawson T. 2,756,519.
- Hill, C. V. & Co., Inc. See—
- Smith, Victor W. 2,770,101.
- Hill, Carson E. Spinning reel. 2,749,058, 6-5-56, Cl. 242-84.5.
- Hill, Charles C. See—
- Nielsen, Edwin A., and Hill. 2,729,073.
- Hill, Claude, to Harry Ferguson Research Ltd. Front wheel suspension for motor vehicles. 2,775,807, 12-25-56, Cl. 180-8.
- Hill, Clifford W., to Becton, Dickinson and Co. Syringe assembly. 2,766,754, 10-16-56, Cl. 128-218.
- Hill, Don R., deceased, and E. C. Chasser; M. H. Hill, executor of said D. R. Hill. Control mechanism for pump and motor fluid systems. 2,776,636, 10-9-56, Cl. 60-52.
- Hill, Donald W., to Crown Cork & Seal Co., Inc. Container. 2,767,755, 10-23-56, Cl. 150-5.
- Hill, Donald W., to Crown Cork & Seal Co., Inc. Container. 2,768,667, 10-30-56, Cl. 150-0.5.
- Hill, Edith M., and F. Automobile ventilator. 2,758,533, 8-14-56, Cl. 98-2.
- Hill, Edward G. See—
- Ayers, David T., Jr., and Hill. 2,770,223.
- Hill, Edward H. See—
- Caldwell, John R., and Hill. 2,732,369.
- Hill, Erving W. Electric cable cover slitting tools. 2,754,707, 7-1-56, Cl. 81-9.5.
- Hill, Erwin F. See—
- Watts, John D., and Hill. 2,766,829.
- Watts, John D., and Hill. 2,766,998.
- Watts, John D., and Hill. 2,766,999.
- Hill, Eugene F. See—
- De Pree, David O., and Hill. 2,729,614.
- Hill, Eugene F., to Ethyl Corp. Alkali metal dispersions. 2,758,096, 8-7-56, Cl. 252-309.
- Hill, Eugene F., and D. O. De Pree, to Ethyl Corp. Stabilized organic compositions. 2,770,535, 11-13-56, Cl. 44-69.
- Hill, Eugene F., to General Electric Co. Auto transformer. 2,764,745, 9-25-56, Cl. 336-220.
- Hill, Francis A. Refrigerating device for automobiles. 2,734,353, 2-14-56, Cl. 62-117.1.
- Hill, Francis A. Extra capacity displacement pump. 2,767,438, 8-28-56, Cl. 103-126.
- Hill, Frank J. See—
- Hill, Edith M. and F. 2,758,533.
- Hill, Fred P., to Motorola, Inc. Voltage regulator. 2,746,006, 5-15-56, Cl. 322-70.
- Hill, Frederick B., Jr., and R. A. Schulze, to E. I. du Pont de Nemours & Co. Process for purification of polytetramethyleneether. 2,751,419, 6-19-56, Cl. 260-615.
- Hill, George C., Jr., to Leeds and Northrup Co. Spectrometer systems to compensate for the wandering of light rays. 2,744,439, 5-8-56, Cl. 88-14.
- Hill, George D., to Eastman Kodak Co. Prevention of dye wandering in photographic emulsions. 2,735,766, 2-21-56, Cl. 95-7.
- Hill, George H. Indexing apparatus. 2,736,204, 2-28-56, Cl. 74-125.
- Hill, Gilbert F. See—
- Witkubus, Bruno A., and Hill. 2,744,455.
- Witkubus, Bruno A., and Hill. 2,755,471.
- Hill, Gooch, to Phillips Petroleum Co. Liquid-liquid contacting device. 2,759,800, 8-21-56, Cl. 23-270.5.
- Hill, Gordon, to American Machine & Foundry Co. Top labeling machine. 2,756,891, 7-31-56, Cl. 216-22.
- Hill, Gordon, and P. C. Bauer, to Bettendorf Bakery Equipment Co. Method of and apparatus for forming serrated cutting edges on slicer blades. 2,770,300, 11-13-56, Cl. 164-50.
- Hill, Gordon W., to Bettendorf Bakery Equipment Co. Rotary fluid operated hand tool. 2,763,461, 9-18-56, Cl. 253-3.
- Hill, Graham. See—
- Eckstrom, Albert W., and Hill. 2,745,484.
- Hill, Harold G. See—
- Mounsdon, Russel L., and Hill. 2,740,543.
- Hill, Harry O., and R. S. Johnson, to American Bosch Arma Corp. Timing device for fuel injection apparatus. 2,743,594, 5-1-56, Cl. 64-25.
- Hill, Harry O., and R. S. Johnson, to American Bosch Arma Corp. Hydraulic governor for fuel injection pump. 2,752,145, 6-26-56, Cl. 264-3.
- Hill, Harvey J., and J. W. Petty, to Roberts Mfg. Co. Carpet trimmer. 2,772,476, 12-4-56, Cl. 30-293.
- Hill, Henry C., to Boeing Airplane Co. Gas turbine engine frame structure. 2,738,647, 3-20-56, Cl. 60-39.08.
- Hill, Henry C., to Boeing Airplane Co. Orbit gear controlled reversible planetary transmissions. 2,748,623, 6-5-56, Cl. 74-78.
- Hill, Henry E., and D. B. Parkinson, to Bell Telephone Laboratories, Inc. Alternating-current operated relay distributor. 2,744,215, 5-1-56, Cl. 317-140.
- Hill, Henry H. Breather pump for cleansing and sterilizing milking lines. 2,733,667, 2-7-56, Cl. 103-236.
- Hill, Herbert S., to Glenmore Corp. Apparatus for dispensing separate successive predetermined quantities or measured amounts of liquid. 2,752,075, 6-26-56, Cl. 222-334.
- Hill, Hubert M. See—
- Towne, Edmund B., and Hill. 2,768,211.
- Hill, Jesse T. Cable drum operating and control system. 2,732,522, 1-24-56, Cl. 318-266.
- Hill, Jesse T. Motor driven overhead tracked gate. 2,754,604, 7-17-56, Cl. 39-7.
- Hill, John A., to Olin Mathieson Chemical Corp. Certain halogenated lower alkanal adducts with nicotinamide. 2,755,283, 7-17-56, Cl. 260-295.5.
- Hill, John E., and R. Ring, Jr. Control units for dental apparatus. 2,762,891, 9-11-56, Cl. 201-48.
- Hill, John E., to Olin Mathieson Chemical Corp. Cartridge container assembly. 2,758,403, 8-14-56, Cl. 42-17.
- Hill, John L. Magazine and cartridge container assembly. 2,773,325, 12-11-56, Cl. 42-50.
- Hill, John W., to The Globe Co. Metering machine. 2,756,907, 7-31-56, Cl. 222-250.
- Hill, John W., to The Globe Co. Fluid-pressure responsive sphincter valve. 2,756,959, 7-31-56, Cl. 251-5.
- Hill, Justin D., and D. J. Cain, to The Lawrence Paper Co. Method for making paper. 2,767,091, 10-16-56, Cl. 92-21.
- Hill, Lawson T., to Hill Bros. Co. Last for safety shoes. 2,737,671, 3-13-56, Cl. 12-133.
- Hill, Lawson T., to Hill Bros. Co. Box toe for safety shoes. 2,756,519, 7-31-56, Cl. 36-77.
- Hill, Mark L. See—
- Smith, Herschel G., Cantrell, and Hill. 2,742,392.
- Hill, Martha E. See—
- Hill, Don R., and Chasser. 2,765,622.
- Hill, Max W. See—
- Brugmann, William H., Jr., Moody, and Hill. 2,758,972.
- Jones, Robert H., Hill, and Moody. 2,734,863.
- Waddey, Walter E., Hill, and Cyphers. 2,735,817.
- Hill, Max W., to Esso Research and Engineering Co. Compounded lubricating oil. 2,738,330, 3-13-56, Cl. 252-45.
- Hill, Max W., to Esso Research and Engineering Co. Phosphorusulfurized hydrocarbons and production thereof. 2,768,999, 10-30-56, Cl. 260-139.
- Hill, Norman C., to The C. P. Hall Co. Manufacture of dicarboxylic acids by oxidation. 2,768,201, 10-23-56, Cl. 260-537.
- Hill, Orville F. See—
- Brown, Harrison S., and Hill. 2,768,871.
- Hill, Orville F., and S. G. Thompson, to the United States Atomic Energy Commission. Plutonium recovery process. 2,767,044, 10-16-56, Cl. 23-14.5.
- Hill, Philip. See—
- Van Strien, Richard E., Towle, and Hill. 2,751,361.
- Hill, Philip, to Standard Oil Co. Organic acids from oxygen-bearing organic compounds. 2,766,267, 10-9-56, Cl. 260-413.
- Hill, Philip, and R. E. Van Strien, to Standard Oil Co. Gelling hydrocarbon liquids with liquid gelling agents. 2,751,284, 6-19-56, Cl. 44-7.
- Hill, Philip, R., M. Van Strien, and P. H. Towle, to Standard Oil Co. Basic aluminum alkanolate gelling agents. 2,751,359, 6-19-56, Cl. 252-316.
- Hill, Philip P., to The Bristol Aeroplane Co. Ltd. Blade-locking means for turbine and the like rotor assemblies. 2,755,122, 7-17-56, Cl. 253-77.
- Hill, Philip M. See—
- Steward, Joseph, Hill, and Langer. 2,772,221.
- Hill, Robert A., and D. F. Thomas, to Waterson Co. Priming valve for centrifugal pump. 2,757,616, 8-7-56, Cl. 103-113.
- Hill, Robert A., to Perfect Circle Corp. Electric motor. 2,736,825, 2-28-56, Cl. 310-87.
- Hill, Robert A., to Perfect Circle Corp. Pumping apparatus. 2,737,119, 3-7-56, Cl. 103-3.
- Hill, Robert H., to Perfect Circle Corp. Pumping apparatus. 2,739,650, 3-27-56, Cl. 166-106.
- Hill, Robert H., to Perfect Circle Corp. Pumping apparatus. 2,749,992, 6-12-56, Cl. 166-106.
- Hill, Robert H., to Perfect Circle Corp. Valve means for oil wells. 2,752,861, 7-3-56, Cl. 103-221.

- Hill, Robert H., and A. P. Knapp; said Hill assor. to the United States of America as represented by the Secretary of the Army. Electrode for plating hollow articles. 2,743,229, 4-24-56, Cl. 204-290.
- Hill, Robert L., to Morgan Packing Co., Inc. Machines for filling cans with spaghetti and the like. 2,763,418, 9-18-56, Cl. 226-95.
- Hill-Rom Co., Inc.: *See*—
- Burst, Francis J., and Weese. 2,730,421.
- Hill, Ronald A.: *See*—
- Mayer, Simon E., and Hill. 2,749,489.
- Hill, Roscoe L., to United Shoe Machinery Corp. Shoe toe lining trimmer. 2,763,910, 3-6-56, Cl. 12-2-37.6.
- Hill, Roy R., to U. S. Spring & Bumper Co. Spring coupling shank. 2,761,267, 9-4-56, Cl. 55-36.
- Hill, Rutherford K., and H. W. Kilbourne, to Monsanto Chemical Co. Thiazolocarboximides for bonding fiber to rubber. 2,758,046, 8-7-56, Cl. 184-52.
- Hill, Stanley E., and G. W. Welsh, to Sears, Roebuck and Co. Weed cutter and saw. 2,736,350, 2-28-56, Cl. 143-43.
- Hill, Vaughn H.: *See*—
- Jones, Don F., and Hill. 2,747,656.
- Hill, Walter P. Machine for producing finned tubing. 2,760,889, 8-28-56, Cl. 80-55.
- Hill, William C., to W. M. Chace Co. Thermostatic valve. 2,763,433, 9-18-56, Cl. 236-93.
- Hill, William G., to International Standard Electric Corp. Joints for coaxial cable. 2,743,500, 5-1-56, Cl. 29-155.5.
- Hill, William H., to Times Facsimile Corp. Electric facsimile recorders. 2,741,530, 4-10-56, Cl. 346-138.
- Hillegas, Kenneth P., to Goodyear Aircraft Corp. Conical coil spring brake lining retention device. 2,756,848, 7-31-56, Cl. 188-234.
- Hiller, Everett O.: *See*—
- Horn, Frank W., and Hiller. 2,762,406.
- Hiller, Everett O., to Hartford National Bank & Trust Co. Crab meat extender. 2,771,630, 11-27-56, Cl. 17-2.
- Hiller, Everett O., to Hartford National Bank & Trust Co. Apparatus for recovery of crab meat. 2,771,631, 11-27-56, Cl. 17-2.
- Hiller Helicopters: *See*—
- Hiller, Stanley, Jr., and Sigler. 2,740,482.
- Hiller, Stanley, Jr., and Sigler. 2,761,635.
- Hiller, Lejaren A., Jr., to E. I. du Pont de Nemours and Co. Process of dyeing wool-polyacrylonitrile blend. 2,772,943, 12-4-56, Cl. 8-21.
- Hiller, Lejaren A., Jr., and F. H. Sweeney, to E. I. du Pont de Nemours & Co. Pretreatment and esterification of cellulose. 2,773,866, 12-11-56, Cl. 260-229.
- Hiller, Stanley, Jr., and H. H. Sigler, to Hiller Helicopters. Rotor blade mounted jet engine. 2,740,482, 4-3-56, Cl. 170-133.4.
- Hiller, Stanley, Jr., and H. H. Sigler, to Hiller Helicopters. Rotary wing aircraft system. 2,761,635, 9-4-56, Cl. 244-171.9.
- Hillman, Carl C. Sliding door latch. 2,742,309, 4-17-56, Cl. 292-100.
- Hilliard, Donald E.: *See*—
- Fritze, Marvin E. 2,739,424.
- Hilliard, Robert C., and J. E. Burr, Jr., to Bomas Laboratories Inc. Tuning mechanism for reference cavity resonators. 2,752,576, 6-26-56, Cl. 333-83.
- Hillier, Edward W.: *See*—
- Harza, Leroy F. 2,759,697.
- Hillier, Harold, and F. B. Ling, to G. & J. Weir Ltd. Treatment of sea water for evaporating plants. 2,733,196, 1-31-56, Cl. 202-57.
- Hillier, James, to Radio Corp. of America. Microtomes. 2,753,761, 7-10-56, Cl. 88-40.
- Hills, Randolph D., to Nehi Corp. Carbonated beverage dispensing system. 2,732,105, 1-24-56, Cl. 222-386.5.
- Hills, Randolph D., to Nehi Corp. Carbonated beverage premixing system. 2,732,117, 1-24-56, Cl. 226-111.
- Hillman, Arthur C. Clip for the assembly of evergreen and/or floral material to form displays. 2,728,965, 1-3-56, Cl. 24-27.
- Hillman, Arthur Y., Jr.: *See*—
- Buckland, Bruce O., and Hillman. 2,775,094.
- Hillman, Conway D., and A. L. Baker, to Kenfil & Esser Co. Theodolite having scale reading means. 2,757,567, 8-7-56, Cl. 88-1.
- Hillman, Julius: *See*—
- Stone, Alfred, Rosenberg, and Hillman. 2,757,379.
- Hillman-Kelley: *See*—
- Gardner, Robert I. 2,741,460.
- Hillman, Swan. Container. 2,765,949, 10-9-56, Cl. 220-31.
- Hillman, William S.: *See*—
- Aughey, William H., and Hillman. 2,753,479.
- Hillmer, Willy. Toggle clamp fin retaining band. 2,771,842, 11-27-56, Cl. 102-36.
- Hills, Elmer G., to the United States of America as represented by the Secretary of the Army. Apparatus for locating a missile projecting device. 2,761,129, 8-28-56, Cl. 343-7.
- Hills, Everill J. Liquid soap dispenser. 2,736,468, 2-28-56, Cl. 222-180.
- Hills, Jay B.: *See*—
- Wilshusen, Arthur. 2,732,722.
- Hills, Madolina L., to Madolina L. 2,732,722.
- Wilshusen, Arthur. 2,732,722.
- Hills, Robert W. Drive unit for boat with inboard motor. 2,752,875, 7-3-56, Cl. 115-41.
- Hills, Thomas H. Developing apparatus for photographic films, plates and papers. 2,734,436, 2-14-56, Cl. 95-89.
- Hillson, Frank. Miter guide. 2,751,681, 6-26-56, Cl. 30-229.
- Hillyer, Curtis, to Hillier Instrument Co., Inc. Motor control circuit. 2,760,135, 8-21-56, Cl. 318-274.
- Hillyer Instrument Co., Inc.: *See*—
- Hillyer, Curtis. 2,760,135.
- Hillyer, John C.: *See*—
- Schulze, Walter A., and Hillyer. 2,738,100.
- Hillyer, John C., to Phillips Petroleum Co. Plasticization of sulfur vulcanizable materials, and related compositions. 2,760,632, 8-28-56, Cl. 206-84.
- Hillyer, John C., to Phillips Petroleum Co. Rubber compositions. 2,760,946, 8-28-56, Cl. 260-30.4.
- Hillyer, John C., to Phillips Petroleum Co. Hydroxy compounds from 2,3,4,5-bis-(delta<sup>2</sup>-butenylene) tetrahydrofurfuryl alcohol and alkyl derivatives thereof and their use as plasticizers. 2,766,216, 10-9-56, Cl. 260-30.4.
- Hillyer, John C., and J. T. Edmonds, Jr., to Phillips Petroleum Co. Method of producing lactones. 2,731,475, 1-17-56, Cl. 260-343.3.
- Hillyer, John C., and A. C. Dees, to Phillips Petroleum Co. Process for the separation of diolefins from hydrocarbon mixtures. 2,756,267, 7-24-56, Cl. 260-681.5.
- Hi-Lo TV Antenna Corp.: *See*—
- Klancnik, Frank J., Jr. 2,747,387.
- Klancnik, Frank J., Jr. 2,755,466.
- Hilowitz, David: *See*—
- Melcher, Daniel, and Hilowitz. 2,731,625.
- Hilpert, Alfons. Internal combustion engines. 2,771,861, 11-27-56, Cl. 123-32.
- Hilpman, Paul: *See*—
- Bisset, Louis. Hilpman, and Abbott. 2,774,463.
- Hilpman, Paul, to Mergenthaler Linotype Co. Assembling mechanism for typographical composing machines. 2,774,464, 12-18-56, Cl. 199-27.
- Hilsinger, Arthur R., to Sadler Bros., Inc. Pitch block. 2,764,988.
- Hilsinger, Arthur R., to Sadler Bros., Inc. Tool for removing damaged screws. 2,750,821, 6-19-56, Cl. 81-3.5.
- Hilton, Claude J.: *See*—
- Cohen, Sidney O., Goodell, Hilton, Somerville, and Street. 2,764,988.
- Hilton, Harrison L. Electric meter socket. 2,740,922, 4-3-56, Cl. 317-107.
- Hilton, Lewis D. Pumping equipment for wells. 2,775,212, 12-25-56, Cl. 103-225.
- Hilton, Raymond K.: *See*—
- Sowter, Anthony B., and Hilton. 2,736,090.
- Hilts, William T., and J. D. Meier. Refinement dispenser. 2,749,004, 6-5-56, Cl. 226-94.
- Himel, Chester L., and L. T. Edmonds, to Phillips Petroleum Co. Improved lubricants. 2,775,559, 12-25-56, Cl. 252-47.
- Himel, Curtis J. Ant and insect traps. 2,770,911, 11-20-56, Cl. 43-121.
- Himes, Henry S.: *See*—
- Chaff, James F., Himes, and Todd. 2,745,222.
- Himmelfarb, Max. Chilled beverage container with ice segregating tube. 2,734,358, 2-14-56, Cl. 62-142.
- Himmelheber, Max, K. Steiner, and W. Kull, to Allwood Inc. Apparatus for producing uniform mats of pourable particle material. 2,737,997, 3-13-56, Cl. 154-1.
- Himmelman, Louis F. Kinesitherapy device. 2,773,498, 12-11-56, Cl. 128-33.
- Himmelfarb, Conrad. Centre de Recherches Hydrauliques et Electriques. Hydraulic remote control device. 2,755,626, 7-24-56, Cl. 60-52.
- Hinsworth, Francis R., and H. Hughes, to Imperial Chemical Industries Ltd. Acid resisting silicate cements containing thermoplastic resin. 2,757,168, 7-31-56, Cl. 260-41.
- Hinchman, Digby R. Combination stool and game carrying dolly for hunters. 2,771,299, 11-20-56, Cl. 280-30.
- Hinde & Dauch Paper Co., The: *See*—
- Welshenbach, Charles D. 2,740,572.
- Welshenbach, Charles D. 2,741,008.
- Welshenbach, Charles D. 2,761,610.
- Hindermann, Peter, and J.-P. Jung, to J. R. Geigy A. G. Monoazo dyestuffs. 2,750,377, 6-12-56, Cl. 260-198.
- Hindermann, Peter, and J. Jung, to J. R. Geigy A. G. Acid dyestuffs of the anthraquinone series. 2,760,967, 8-28-56, Cl. 260-374.
- Hindermann, Peter, and J. Jung, to J. R. Geigy A. G. Yellow monoazo dyestuffs. 2,775,055, 12-4-56, Cl. 260-163.
- Hindle Devices Inc.: *See*—
- Hindle, Leo J. 2,760,489.
- Hindle, Leo J., to Hindle Devices Inc. Adjustable fracture setter. 2,760,489, 8-28-56, Cl. 128-92.
- Hindmarch, Thomas. Fluid cooled and operated clutches. 2,734,607, 2-14-56, Cl. 92-80.
- Hindmarch, Thomas. Turbine-driven power installations. 2,741,337, 4-10-56, Cl. 74-377.
- Hinds, Leslie C. Implement transporting trailer. 2,741,376, 4-10-56, Cl. 214-83.24.
- Hinds, Ronald: *See*—
- Richardson, Arthur B. F. G., Hinds, and Ridings. 2,749,880.
- Hindsley, Mark H. Valve brass musical instrument. 2,734,417, 2-14-56, Cl. 84-394.
- Hindu Incense Mfg. Co.: *See*—
- Miszela, Victor J. 2,770,854.
- Hine, Boyd E. Float valve puller. 2,770,485, 11-13-56, Cl. 294-90.
- Hine, Charles W.: *See*—
- Lax, Leona, and Hine. 2,736,898.



- Hine, Edward K., to Curtiss-Wright Corp. Propeller reversing system. 2,731,094, 1-17-56, Cl. 170-139.29.
- Hine, Edward K., to Curtiss-Wright Corp. Speed control system. 2,747,141, 5-22-56, Cl. 317-6.
- Hine, Sheldon H. Photographic illuminating device. 2,763,772, 9-18-56, Cl. 240-1.3.
- Hines, Clarence W., to Chicago Bridge & Iron Co. Apparatus for erecting elevated structures. 2,754,012, 7-10-56, Cl. 29-431.
- Hines, Clarence W., to Chicago Bridge & Iron Co. Method for erecting roofs of tanks. 2,768,432, 10-30-56, Cl. 29-431.
- Hines, Claude M., to Westinghouse Air Brake Co. Electrical control system for brakes. 2,747,693, 5-29-56, Cl. 139-33.
- Hines Flask Co.: *See*—
- Hines, Russell J. 2,732,599.
- Hines, John E., Jr.: *See*—
- Berg, Clyde H. O., and Hines. 2,730,407.
- Hines, Lloyd Q., Sr., and E. H. Harris, to The Ferguson Mfg. Co., Inc. Apparatus for distributing fertilizer, lime and like materials. 2,743,043, 4-24-56, Cl. 222-311.
- Hines, Lloyd Q., Sr., and E. H. Harris, to The Ferguson Mfg. Co., Inc. Vertically shiftable tractor weeder. 2,751,834, 6-20-56, Cl. 97-47.5.
- Hines, Marion E., to Bell Telephone Laboratories, Inc. Very high frequency gas discharge noise source. 2,745,013, 5-8-56, Cl. 250-36.
- Hines, Marion E., to Bell Telephone Laboratories, Inc. Electronic amplifier. 2,767,344, 10-16-56, Cl. 313-3.5.
- Hines, Russell J., to Hines Flask Co. Molder's flask. 2,732,599, 5-29-56, Cl. 22-110.
- Hines, Willis B., to H. S. Freed, d. b. a. H. S. Freed & Co. Portable folding seat. 2,736,365, 2-28-56, Cl. 155-133.
- Hink, John H., Jr., and F. P. Johnson, to Cutter Laboratories. Method of drying heat sensitive biologically active substances. 2,751,751, 1-24-56, Cl. 34-5.
- Hinkel, Charles A. Weed guard. 2,735,210, 2-21-56, Cl. 43-43.6.
- Hinkamp, James B., R. Sugimoto, and H. R. Dittmar, to Ethyl Corp. Manufacture of propyl nitrate. 2,734,910, 2-14-56, Cl. 260-467.
- Hinkel, Emil W., Jr.: *See*—
- Alford, Charles E., and Hinkel. 2,755,220.
- Hinkel, Lester H., to Whirlpool-Seeger Corp. Inner liner with butter compartment for refrigerator door. 2,773,677, 12-11-56, Cl. 257-9.
- Hinkley, Norman J. Safety device for infants. 2,741,412, 4-10-56, Cl. 227-49.
- Hinkson, Floyd: *See*—
- Clark, William R., and Hinkson. 2,736,535.
- Hinman, Donald D., and J. F. Schermerhorn, to General Electric Co. Metal sleeve base for double ended tubular lamp. 2,733,417, 1-31-56, Cl. 339-50.
- Hinrichs, Luther. Method and apparatus for fractional precipitation of mixtures. 2,747,973, 5-29-56, Cl. 23-283.
- Hinrichs, Frederick B.: *See*—
- Morray, Anton A. 2,750,278.
- Hinsch, Walter: *See*—
- Kroening, Walter, Hinsch, Van der Zijden, and Jense. 2,732,345.
- Hinsey, Robert S., to The Bingham-Herbrand Corp. Mechanism control. 2,735,311, 2-21-56, Cl. 74-50.2.
- Hinschaw, Horton C.: *See*—
- Barisch, H. P., and Hinschaw. 2,764,983.
- Hinsken, Josef, H. Barthelmeuss, and K. Meyer, to Alweg-Forschung, Gesellschaft mit beschränkter Haftung. Chassis or guiding frame for vehicles running on rails. 2,756,689, 7-31-56, Cl. 105-145.
- Hinson, Thomas E. Baller. 2,729,292, 1-3-56, Cl. 166-63.
- Hinton, Curtis V., to the United States of America as represented by the Secretary of the Navy. Impedance increases in cascade network. 2,737,343, 3-6-56, Cl. 235-61.
- Hintz, Harvey P., J. F. Hayden, and G. W. Offensend, to Eastman Kodak Co. Strip material advancing mechanism. 2,738,704, 3-20-56, Cl. 88-24.
- Hintz, Harvey P., and E. B. Schoonmaker, to Eastman Kodak Co. Sheet or card clamping means. 2,767,610, 10-23-56, Cl. 88-24.
- Hintz, Otto E., and A. H. Nakata, to International Harvester Co. Tack digger and chopper. 2,738,717, 3-20-56, Cl. 97-40.
- Hintz, Otto E., E. F. Huddle, and J. H. Bing, to International Harvester Co. Two-way self-unloading vehicle. 2,750,059, 6-12-56, Cl. 214-519.
- Hintz, Otto E., and P. Sammarco, to International Harvester Co. Blow-off pipe separating and positioning arrangement. 2,761,742, 9-4-56, Cl. 302-64.
- Hinz, Henry E., to Admiral Corp. Fastener device for cabinet antenna plate. 2,739,022, 3-20-56, Cl. 312-7.
- Hipp, Bob, Welding Works: *See*—
- Hipp, Ronald N. 2,774,155.
- Hipp, Ronald N. Tiltable body trailer. 2,744,643, 5-8-56, Cl. 214-506.
- Hipp, Ronald N., to Bob Hipp Welding Works. Combined scraper, bulldozer, and scarifier. 2,774,155, 12-18-56, Cl. 37-145.
- Hipple, George M., to The Denison Engineering Co. Hydro-electric control system for hydraulic apparatus. 2,735,405, 2-21-56, Cl. 121-38.
- Hipple, John A., Jr. Analysis by imparting unequal energies to ions. 2,764,691, 9-25-56, Cl. 250-41.9.
- Hipple, Robert J. Eyeglass frame. 2,775,162, 12-25-56, Cl. 88-41.
- Hirak, Joseph. Writing pad support or desk for vehicles. 2,773,706, 12-11-56, Cl. 281-44.
- Hirasuna, Henry K. Auxiliary monitoring control attachment for tractors. 2,749,825, 6-12-56, Cl. 97-46.07.
- Hirdler, Louis C.: *See*—
- Prutton, Carl F., Miller, and Hirdler. 2,735,749.
- Hirn, Charles M., to The Mosler Lock Co. Antimanipulative combination lock. 2,766,608, 10-16-56, Cl. 70-303.
- Hirn, Charles M., to The Mosler Lock Co. Antimanipulative combination lock. 2,766,609, 10-16-56, Cl. 70-322.
- Hirn, Charles M., to The Mosler Lock Co. Antimanipulative combination lock. 2,766,610, 10-16-56, Cl. 70-333.
- Hirsch, Abraham A. Articulated surface washing device with oscillatory nozzles for filter beds. 2,769,547, 11-6-56, Cl. 210-123.
- Hirsch, Albert E.: *See*—
- Peery, Luther C., Hickman, and Hirsch. 2,738,263.
- Hirsch, Alfred, to Diamond Alkali Co. Phenyl ethyl siloxane composition and method of preparing same. 2,749,326, 6-5-56, Cl. 260-46.5.
- Hirsch, Andre: *See*—
- Mattick, Alexander T. R., and Hirsch. 2,744,827.
- Hirsch, Benjamin L.: *See*—
- Hirsch, Henry and B. L. 2,756,539.
- Hirsch, Charles J., to Hazeltine Research, Inc. Electrostatic device for signal-translating device. 2,754,481, 7-10-56, Cl. 333-30.
- Hirsch, Charles J., and M. Press, to Hazeltine Research, Inc. High-frequency wave-signal tuning device. 2,735,015, 2-14-56, Cl. 250-40.
- Hirsch, Henry and B. L., to Kellogg Co. Toy boat. 2,756,539, 7-10-56, Cl. 260-95.
- Hirsch, Joel H.: *See*—
- Gwynn, Bernard H., and Hirsch. 2,734,922.
- Gwynn, Bernard H., and Hirsch. 2,743,302.
- Hirsch, Joseph. Knock-down type concealed leg bracket. 2,737,474, 9-11-56, Cl. 311-12.
- Hirsch, Louis H., to Century Electric Co. Coolingdynamo electric machines. 2,769,104, 10-30-56, Cl. 310-64.
- Hirsch, Nathan. Hum reduction. 2,770,685, 11-13-56, Cl. 179-171.
- Hirsch, Otto: *See*—
- Kuele, Günther W., and Hirsch. 2,738,861.
- Hirsch, Richard A.: *See*—
- Detamore, Harold H., Hirsch, Moore, and Treseder. 2,761,517.
- Hirsch, Richard A., to General Motors Corp. Propeller torque unit construction. 2,734,587, 2-14-56, Cl. 170-160.33.
- Hirsch, Richard A., to General Motors Corp. Propeller variable pitch change mechanism. 2,761,519, 9-4-56, Cl. 170-160.21.
- Hirsch, Sidney: *See*—
- Wiley, George D., and Hirsch. 2,770,236.
- Hirschey, Malcolm: *See*—
- Alessi, Andrew J., Jr., Gottscho, and Hirschey. 2,746,389.
- Hirschey, Malcolm, to Sanita Paper Products Co. Packaging machine. 2,739,432, 3-27-56, Cl. 53-236.
- Hirschey, Malcolm, to Adolf Gottscho, Inc. Marking devices. 2,775,192, 12-25-56, Cl. 101-135.
- Hirschey, Malcolm, and A. J. Alessi, Jr., to Adolf Gottscho, Inc. Marking apparatus. 2,761,379, 9-4-56, Cl. 101-37.
- Hirschland, Herbert: *See*—
- Church, James M., Ramsden, and Hirschland. 2,743,257.
- Levinson, Frederick A., and Hirschland. 2,737,483.
- Hirschman, Jerold. Tool with speeding gear. 2,756,792, 7-31-56, Cl. 145-66.
- Hirschmann, Jack B. Goggles. 2,773,260, 12-11-56, Cl. 2-14.
- Hirschmann, Ralph F., and N. L. Wendler, to Merck & Co., Inc. Isoallopirostanes. 2,749,338, 6-5-56, Cl. 260-239.55.
- Hirsh, S. A., Mfg. Co.: *See*—
- Bellon, Ralph J., and Ferdinand. 2,767,950.
- Hirson, Benjamin, to Strongleaf Paper Corp. Apparatus for marking and punching sheets. 2,768,560, 10-30-56, Cl. 93-1.
- Hirst, Charles D.: *See*—
- Shuck, Wayne L., and Huber. 2,729,104.
- Hirst, Charles D., to The Hershey Mfg. Co. Proportional water control. 2,750,797, 6-19-56, Cl. 73-202.
- Hirst, Donald. Clay modelling device. 2,755,587, 7-24-56, Cl. 41-1.
- Hirt, Otto: *See*—
- Westinger, Karl, Altenburger, and Hirt. 2,742,228.
- Hirvonen, Eric J., to Leland-Gifford Co. Hydraulic control mechanism for machine tools. 2,748,629, 6-5-56, Cl. 77-32.4.
- Hiscock, Earle F., to Kip, Inc. Coffee makers. 2,745,335, 5-15-56, Cl. 99-295.
- Hiscock, Earle F., to Kip, Inc. Coffee makers. 2,746,376, 5-22-56, Cl. 99-295.
- Hiscock, Earle F., to Kip, Inc. Means for brewing pot coffee. 2,749,834, 6-12-56, Cl. 99-287.
- Hiscock, Earle F., to Kip, Inc. Coffee maker and coffee packet holding accessory therefor. 2,749,835, 6-12-56, Cl. 99-295.
- Hiscock, Alvin. Slide rule. 2,741,432, 4-10-56, Cl. 235-79.5.
- Hi-Shear River Tool Co.: *See*—
- Diekie, William R. 2,751,806.
- Hispaniola Corp. (La Hispaniola C. P. A.), The: *See*—
- De Kiraly, Paul. 2,741,951.
- Hiss, Richard E. Paintbrush holder and container. 2,744,635, 5-8-56, Cl. 211-66.

- Hitchcock, Eric A.: *See*—  
Buck, Thomas M., and Hitchcock. 2,768,277.
- Hitchcock, Leo L. Brush attachment for a meter box cover lifter hook. 2,739,330, 3-27-56, Cl. 15-176.
- Hitchcock, Paul C., to The Chase-Shawmut Co. Low-voltage fuses with indicators. 2,737,552, 3-6-56, Cl. 200-121.
- Hitchcock, Richard C. to Syntroon Co. Equalizing series resistors for parallel circuits in rectifiers. 2,760,142, 8-21-56, Cl. 321-27.
- Hitchcock, Robert E., and J. R. Lloyd, 1/2 to T. Carsello. Portable folding furniture assembly. 2,742,335, 4-17-56, Cl. 311-90.
- Hitchcox, Harold F.: *See*—  
Bailey, Randolph M., and Hitchcox. 2,733,188.  
Bailey, Randolph M., and Hitchcox. 2,758,100.
- Hitchens, Aaron L., and H. E. Perkins, Jr., to Olin Mathieson Chemical Corp. Igniter cartridge. 2,759,419, 8-21-56, Cl. 102-39.
- Hitchings, George H., P. B. Russell, and N. Whittaker, to Burroughs Wellcome & Co. (U. S. A.), Inc. Chemical compounds. 2,749,831, 5-15-56, Cl. 260-256.
- Hitchings, George H., and G. B. Elion, to Burroughs Wellcome & Co. (U. S. A.), Inc. Novel purine compounds from 6-chloropurine. 2,746,961, 5-22-56, Cl. 260-252.
- Hitchings, George H., and R. K. Robins, to Burroughs Wellcome & Co. (U. S. A.), Inc. Pyrimidine compounds. 2,749,344, 6-5-56, Cl. 260-256.4.
- Hitchings, George H., and R. K. Robins, to Burroughs Wellcome & Co. (U. S. A.), Inc. Pyrimidine compounds. 2,749,345, 6-5-56, Cl. 260-256.4.
- Hitchings, George H., and G. B. Elion, to Burroughs Wellcome & Co. (U. S. A.), Inc. Novel process for the manufacture of 6-mercaptopurine from aminoguanidine-5-thiocarboxamide. 2,756,228, 7-24-56, Cl. 260-252.
- Hitchings, George H., and R. A. Falco, to Burroughs Wellcome & Co. (U. S. A.), Inc. 3-Amino-4-cyanoguanazole and method of preparing. 2,759,949, 8-21-56, Cl. 260-310.
- Hitchings, George H., and P. B. Russell, to Burroughs Wellcome & Co. (U. S. A.), Inc. 6-benzylpyrimidines. 2,767,183, 10-16-56, Cl. 260-256.4.
- Hitchings, George H., and P. B. Russell, to Burroughs Wellcome & Co. (U. S. A.), Inc. Triazine compounds and method. 2,769,809, 11-6-56, Cl. 260-249.5.
- Hitchens, William S. System for timing traffic in two directions on the same street. 2,758,293, 8-7-56, Cl. 840-40.
- Hite, Lester B., to Marman Products Co., Inc. Valve assembly. 2,729,237, 1-3-56, Cl. 137-515.7.
- Hite, Lester B., to Marman Products Co., Inc. Valve mounting. 2,729,238, 1-3-56, Cl. 137-515.7.
- Hitt, Ira V., to E. du Pont de Nemours and Co. Adjustable stop crimpers. 2,747,233, 5-29-56, Cl. 19-66.
- Hitt, Winston E.: *See*—  
Temple, Ray. 2,740,120.
- Hittell, John L. Internal combustion engine. Re. 24,214, 11-56, Cl. 123-48.
- Hittle, Carl E., to Radio Corp. of America. Film reel tensioning system. 2,733,875, 2-7-56, Cl. 242-75.
- Hittle, Carl E., to Radio Corp. of America. Mechanical filter. 2,750,128, 6-12-56, Cl. 242-75.
- Hitz, Carson K., to Milk Creek. 2,756,896, 7-31-56, Cl. 220-19.
- Hitzelberger, Erwin, to Daimler-Benz Aktiengesellschaft. Driving device for windshield wiper. 2,760,221, 8-28-56, Cl. 15-263.
- Hobbs, Jack E., to E. I. du Pont de Nemours and Co. Nitrogen dioxide compounds of 1,3-dichloro-2-butene, and compositions containing the same. 2,770,657, 11-13-56, Cl. 260-644.
- Hively, Vern J. Tempering valve for tempering water. 2,758,610, 3-4-56, Cl. 137-603.
- Hix, L. G.: *See*—  
Coble, Abram G. 2,729,216.  
Coble, Abram G. 2,746,459.
- Hjelm, Karl E.: *See*—  
Bilde, Olof E. D., Hjelm, and Hultberg. 2,743,599.
- Hjelm, Karl E. W.: *See*—  
Bergström, Lars O., and Hjelm. 2,730,046.
- Hjembo, Alf H., to the United States of America as represented by the Secretary of the Army. Coupling device. 2,738,210, 3-13-56, Cl. 287-130.
- Hjermstad, Erling T., and C. C. Kesler, to Penick & Ford, Ltd., Inc. Method of preparing starch ether derivatives and new starch ether derivatives produced thereby. 2,773,057, 12-4-56, Cl. 260-233.3.
- Hjortberg, Ingeman. Railway track with electric toy trains, tramcars or similar vehicles. 2,750,898, 6-19-56, Cl. 104-148.
- Hjulian, Julius A., to Crane Co. Tank filling valve. 2,738,947, 8-20-56, Cl. 251-75.
- Hjulian, Julius A., to Crane Co. Aerator device. 2,744,738, 5-8-56, Cl. 261-115.
- Hjulian, Julius A., to Crane Co. Tripper rod mechanism. 2,745,427, 5-15-56, Cl. 137-420.
- Hjulian, Julius A., to Crane Co. Aerator device. 2,754,097, 7-10-56, Cl. 261-115.
- Hjulian, Julius A., to Crane Co. Plural stage reciprocating-punch crusher for fragile materials. 2,770,422, 11-13-56, Cl. 241-147.
- Hlavacek, Robert J.: *See*—  
Brabets, Robert I., Hlavacek, and Fritz. 2,730,538.
- Hlavka, George E.: *See*—  
Burgess, Glenn A., Hlavka, and King. 2,756,215.
- Hlavka, Joseph J.: *See*—  
Safir, Sidney R., and Hlavka. 2,750,383.  
Safir, Sidney R., and Hlavka. 2,762,804.  
Safir, Sidney R., and Hlavka. 2,762,805.  
Safir, Sidney R., Hlavka, and Williams. 2,763,647.  
Safir, Sidney R., Hlavka, and Williams. 2,763,652.
- Hlinsky, Emil J.: *See*—  
Anderson, Edward L., and Hlinsky. 2,772,870.  
Evans, Nolan E., Hlinsky, and Ogden. 2,765,155.
- Hlobil, Frantisek, to General Shoe Machinery Corp. Shoe last roughing machine. 2,752,772, 7-3-56, Cl. 69-6.5.
- Hlobil, Josef S., Jr. Fractional aspect ratio aircraft. 2,775,419, 12-25-56, Cl. 244-35.
- Hlinsky, Alex., to Diamond Alkali Co. Preparation of 2-methyl-4-chlorophenoxy-acetic acid. 2,770,651, 11-13-56, Cl. 260-521.
- Hlinsky, Alex., and J. W. Jenney, to Diamond Alkali Co. Preparation of 2-methyl-4-chlorophenoxyacetic acid. 2,774,788, 12-18-56, Cl. 260-521.
- Hnastchenko, Philip N. Snow shovel. 2,772,490, 12-4-56, Cl. 37-53.
- Hoad, Thomas C. Film-tape up. 2,746,691, 5-22-56, Cl. 242-55.
- Hoadley, Cyrus E., to Manco Mfg. Co. Hydraulic tool. 2,750,012, 12-18-56, Cl. 90-52.
- Hoadley, Harvey O., to Eastman Kodak Co. Electronic analog multiplier circuit. 2,735,615, 2-21-56, Cl. 235-61.
- Hoadley, Harvey O., to Eastman Kodak Co. Electronic multiplier circuit. 2,735,616, 2-21-56, Cl. 235-61.
- Hoar, Henry H.: *See*—  
Lee, John G., and Hoadley. 2,729,974.
- Hoag, Donald R.: *See*—  
Puis, Alfred B., and Hoag. 2,772,684.
- Hoagland, Kenneth A., to Allen B. Du Mont Laboratories, Inc. Ionizing radiation gun for cathode ray tubes. 2,733,365, 1-31-56, Cl. 313-82.
- Hoagland, Kenneth A., to Allen B. Du Mont Laboratories, Inc. Cathode ray tube. 2,743,391, 4-24-56, Cl. 315-17.
- Hoagland, Willard L., to Adolph Gottschalk, Inc. Conveying means for a marking apparatus. 2,761,455, 9-4-56, Cl. 198-34.
- Hoard, Halbert W., D. A. Olson, and T. A. Vallee, to Unilectric, Inc. Combined lamp guard and socket mounting device. 2,773,973, 12-11-56, Cl. 240-4.
- Hoare, Robert G.: *See*—  
Neilson, Christopher B. V., and Hoare. 2,732,152.
- Hoare, Stanley W., to The Newall Engineering Co. Ltd. Machines for lapping and grinding. 2,747,338, 5-29-56, Cl. 51-13.
- Hoban, Edward D., to The Yale & Towne Mfg. Co. Flexible line guide for electric truck. 2,736,445, 2-28-56, Cl. 214-701.
- Hobart, Donald L., to General Dynamics Corp. Balanced circuit expansion joint. 2,766,997, 10-16-56, Cl. 285-228.
- Hobart Mfg. Co., The: *See*—  
Allen, Kenneth C., Meeker, and Reussenzehn. 2,742,811.
- Hobbs, Charles L., Jr., to E. I. du Pont de Nemours and Co. Compaeting lead sludges. 2,739,526, 3-3-56, Cl. 100-37.
- Hobbs, Charles L., Jr., to E. I. du Pont de Nemours and Co. Preparation of sodium derivatives of weakly acidic hydrocarbons. 2,763,700, 9-18-56, Cl. 260-665.
- Hobbs, Lawrence, to Universal Window Co. Safety device for multiple sash windows. 2,762,086, 9-11-56, Cl. 20-42.
- Hobbs, Frank, to Colortron Co. Spring-on spring-tight edge facing molding. 2,743,980, 5-1-56, Cl. 311-107.
- Hobbs, Howard F., to Hobbs Transmission Ltd. Hydraulically actuated ring diaphragm. 2,745,435, 5-15-56, Cl. 137-788.
- Hobbs, James C. Valve. 2,732,855, 1-31-56, Cl. 137-338.
- Hobbs, Linder C.: *See*—  
Crooks, Horatio N., and Hobbs. 2,737,583.
- Hobbs, Linder C., to Radio Corp. of America. Signal responsive circuit. 2,760,062, 8-21-56, Cl. 250-27.
- Hobbs, Robert W. Gear box unit. 2,750,806, 6-19-56, Cl. 74-417.
- Hobbs Transmission Ltd.: *See*—  
Hobbs, Howard F. 2,745,435.
- Hobbs, William E., and N. P. Whaley, Jr. Liquid dispenser for refrigerators. 2,751,757, 6-26-56, Cl. 62-89.
- Hobby, Robert E. D.: *See*—  
Kunhardt, Wayne G., and Hobby. 2,770,488.
- Hoben, Herbert W., Barth, J. W., Crumbridge, W. Klein, and K. Nothelfer, to Pag Presswerk Aktiengesellschaft. Window frames. 2,767,443, 10-23-56, Cl. 20-56.
- Hoberman, Max J. Electronic intermittent recorder. 2,775,752, 12-25-56, Cl. 340-223.
- Hobing, John W., to R. A. and R. H. Haneberg. Gas lighting implement. 2,735,284, 2-21-56, Cl. 67-61.
- Hobkirk, William. Race horse hopple. 2,761,266, 9-4-56, Cl. 55-71.
- Hoblitzell, Alfred H.: *See*—  
Jones, Jahugh. 2,751,175.
- Hobourn Aero Components Ltd.: *See*—  
Rowland, Leonard. 2,732,479.
- Hobrock, Raymond H., to Bundy Tubing Co. Method of welding a tube. 2,746,141, 5-22-56, Cl. 29-473.5.
- Hobsbawn, Peter G. B.: *See*—  
Richard, Geoffrey P., Stein, and Hobsbawn. 2,768,932.
- Hobson, Charles W. Packages or containers for pastry and similar viscous substances. 2,753,081, 7-3-56, Cl. 222-95.
- Hobson, Ervin J. Electronic socket. 2,774,950, 12-18-56, Cl. 339-193.



- Hobson, H. M. Ltd.: *See*—  
Greenland, Leonard S. 2,761,495.
- Hobson, John P.: *See*—  
Draper, Frederick C., Hobson, and Sang. 2,748,455.
- Hobson, Lloyd H., to E-Z-On Corp. Method of emplacing mortar. 2,770,560, 11-13-56, Cl. 117—104.
- Hobson-Miller Machinery, Inc.: *See*—  
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- Hodge, Russell B., Jr., to Ter Corp. Still for reclaiming solvents. 2,774,727, 12-18-56, Cl. 202—187.
- Hobush, Albert P.: *See*—  
Schmid, Herman, and Hobush. 2,747,496.
- Hoch, Fred W.: *See*—  
Schau, Eduard A. 2,771,646.
- Hoch, John, to Braun Hober Corp. Box. 2,764,308, 9-25-56, Cl. 220—4.
- Hoch, Paul E., and R. W. Wynn, to General Aniline & Film Corp. Organic film-forming plastic containing 2,2',4,4'-tetrahydroxybenzophenone as ultraviolet absorbent. 2,773,778, 12-11-56, Cl. 106—187.
- Hochberg, Jerome, and S. A. Pellerano, to Allied Chemical & Dye Corp. Compositions for decorative purposes. 2,773,855, 12-11-56, Cl. 260—33.8.
- Hochfelder, J. Gene, to Bogene Inc. Garment hanger. 2,743,855, 6-1-56, Cl. 223—85.
- Hochhausler, Paul, to W. Lepper. Electric motor reversing system. 2,754,462, 7-10-56, Cl. 318—245.
- Hochman, Daniel, to Radio Corp. of America. Reactance tube controlled oscillator. 2,758,211, 8-7-56, Cl. 250—36.
- Hochreiter, Edward J.: *See*—  
Fuchs, Reinhard, and Hochreiter. 2,771,041.
- Hochstadt, Frederick L. Barrier device for automobile hood locks. 2,756,085, 7-24-56, Cl. 292—210.
- Hock, Alfred L., to Magnesium Elektron Ltd. Production of potassium fluozirconate. 2,745,716, 5-15-56, Cl. 23—88.
- Hock, Alvin, to Brighton Corp. Strainer. 2,765,922, 10-9-56, Cl. 210—15.
- Hockenbury, Harold: *See*—  
Roberts, Don, and Hockenbury. 2,772,641.
- Hockenbuhl, Donald J. D., G. D. Wilkin, and A. R. J. Quilter, to Glaxo Laboratories Ltd. Production of penicillin. 2,767,812, 9-18-56, Cl. 195—36.
- Hockensmith, Wilbur D., Jr. Dump truck pneumatically cushioned hydraulic hoist. 2,738,773, 3-20-56, Cl. 121—46.
- Hockensmith, Wilbur D., Jr. Multiple body dumping truck trailer. 2,770,490, 11-13-56, Cl. 298—8.
- Hockett, Chester E.: *See*—  
Fuchs, Reinhard, and Hockett. 2,773,711.
- Hockett, Chester E., and L. R. Smith, to General Motors Corp. Segmented stator ring assembly. 2,772,069, 11-27-56, Cl. 253—78.
- Hockett, Carl G., W. V. Kennedy, and C. A. Vander Pyl, Jr., to Fram Corp. Apparatus for pleating paper. 2,771,119, 11-20-56, Cl. 154—30.
- Hockett, Esther D.: *See*—  
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- Hockett, Norman W.: *See*—  
Vaughan, Paul J., and Hockett. 2,740,741.
- Hockett, Sebern W.: *See*—  
Bonewitz, Paul W., Fults, Edwards, and Hockett. 2,767,146.
- Hocor, Betty B. and D. J. Receptacle for soap boxes. 2,738,104, 3-13-56, Cl. 222—83.5.
- Hocor, Daniel J.: *See*—  
Hocor, Betty B. and D. J. 2,738,104.
- Hodag Chemical Corp.: *See*—  
Kulakow, Sheldon E. 2,762,780.
- Hofan, Theodore J., and W. M. Woods, to Allis-Chalmers Mfg. Co. Means and method for backwashing the zeolite in a hot lime hot zeolite water softening system. 2,748,077, 5-29-56, Cl. 210—24.
- Hodes, Albert, to Western Electric Co., Inc. Drawing and indenting die. 2,751,872, 6-26-56, Cl. 113—46.
- Hodge, Alexander W. Jr.: *See*—  
Cook, Lucien H., Hodge, and Colonias. 2,774,660.
- Hodge, Allen W., to Kaiser Aluminum & Chemical Corp. Hot dip aluminum coating process. 2,774,686, 12-18-56, Cl. 117—114.
- Hodge, Allen W., and R. L. Ballard, to Reynolds Metals Co. Tin-zinc base alloys. 2,733,168, 1-31-56, Cl. 117—50.
- Hodge, Arthur J. Downing, and J. G. N. Drewitt, to British Celanese Ltd. Production of cellulose. 2,730,444, 1-10-56, Cl. 92—9.
- Hodge, Edward, to Tectron American, Inc. Reinforced insulator pad and method of making same. 2,758,630, 8-14-56, Cl. 154—28.
- Hodge, Edward B., and G. J. Lafferty, to Commercial Solvents Corp. Process for alleviating human topical fungal infections with a bromo nitro ether. 2,742,395, 4-17-56, Cl. 167—58.
- Hodge, Gerard T. Sheet-binding apparatus. 2,752,619, 7-3-56, Cl. 11—1.
- Hodge, James, to Power Jets (Research & Development) Ltd. Regenerative heat exchanger. 2,738,958, 3-20-56, Cl. 257—6.
- Hodge, James, to Power Jets (Research & Development) Ltd. Gas turbine power plants. 2,742,760, 4-24-56, Cl. 60—39.16.
- Hodge, Walter D., to Manley, Inc. Remote control faucet. 2,770,502, 11-13-56, Cl. 299—140.
- Hodge, Webster, to Surface Combustion Corp. Hot dip aluminum coating process. 2,738,289, 3-13-56, Cl. 117—51.
- Hodgeman, Raymond C., to Webb Engineering Co. Automobile car body rack. 2,762,842, 9-11-56, Cl. 224—42.03.
- Hodgens, John G., Jr., to The Diversey Corp. Electronically controlled flow diverting apparatus for maintaining a predetermined solution concentration. 2,748,790, 6-5-56, Cl. 137—93.
- Hodgens, John G., Jr., to The Diversey Corp. Controlled central supply system for washing solutions. 2,766,767, 10-16-56, Cl. 137—268.
- Hodges, David B. Engine timing device. 2,739,565, 3-27-56, Cl. 116—124.
- Hodges, John A.: *See*—  
Stevenson, Charles B., and Hodges. 2,738,544.
- Hodges, William C., and Hodges. 2,738,545.
- Hodges, Leonard S., to Massey-Harris-Ferguson (Sales) Ltd. Tractor borne spraying apparatus. 2,765,195, 10-2-56, Cl. 299—30.
- Hodges Research and Development Co.: *See*—  
Hodges, William C., and Robb. 2,728,936.
- Hodges, William C., and Robb. 2,729,352.
- Hodges, Robert H. Automatic fire extinguisher for automobiles. 2,747,674, 5-29-56, Cl. 169—2.
- Hodges, Robert H. Inflatable crash protector for vehicles. 2,755,125, 7-17-56, Cl. 296—84.
- Hodges, Wetmore, and Associates.: *See*—  
McAdam, Harry H. 2,761,078.
- Hodges, William A., and J. E. Floyd, to Swift & Co. Phosphate recovery in reverse flotation using a fluosilicate to deactivate the reagents. 2,748,939, 6-5-56, Cl. 209—166.
- Hodges, William A., and A. L. Robb, to Hodges Research and Development Co. Caster with swivel lock. 2,728,936, 1-3-56, Cl. 16—35.
- Hodges, William C., and A. L. Robb, to Hodges Research and Development Co. Track engaging apparatus for moving transferable containers. 2,729,352, 1-3-56, Cl. 214—516.
- Hodgin, David M., to Collins Radio Co. Oscillator circuit. 2,742,569, 4-17-56, Cl. 250—36.
- Hodgin, David M., Jr.: *See*—  
Heath, John W., Hodgin, Spogen, and Stover. 2,738,425.
- Hodgkins, Hollis C.: *See*—  
Hodgins, Carl A., and Hodgkins. 2,763,317.
- Hodgson, Austin B., and R. J. Perry, to Inflico Inc. Float control device. 2,767,732, 10-23-56, Cl. 137—426.
- Hodgson, Ernest L., to M. V. Welch. Bale loading device. 2,767,822, 10-23-56, Cl. 198—7.
- Hodgson, Frank H. Electric drive transmission. 2,762,939, 9-11-56, Cl. 100—102.
- Hodgson, Howard E., to Cutler-Hammer, Inc. Friction brake construction. 2,731,115, 1-17-56, Cl. 188—171.
- Hodgson, Robert R. Variable friction torque transmission mechanism. 2,758,572, 8-14-56, Cl. 121—48.
- Hodgson, Thomas S.: *See*—  
Roland F., Hodgson, and Hook. 2,770,530.
- Hodli, Ralph, to Granite City Steel Co. Process for coating sheet metal strip. 2,740,729, 4-3-56, Cl. 117—102.
- Hodler, Fritz. Die-casting machine. 2,774,122, 12-18-56, Cl. 12—68.
- Hodson, Floyd G.: *See*—  
Harstick, William H., Hodson, and Hein. 2,769,647.
- Hodska, Nicholas S.: *See*—  
Behr, Leo J., and Hodska. 2,737,416.
- Hodska, Nicholas S., to E. D. Kees Mfg. Co. Toast servers. 2,730,397, 1-10-56, Cl. 294—25.
- Hodson, George F., to L. Oertling Ltd. Relieving mechanism for use with analytical balances. 2,752,146, 6-26-56, Cl. 265—54.
- Hodson Corp.: *See*—  
Hodson, Lee N., Sr., and Foin. 2,735,814.
- Hodson, Ernest K.: *See*—  
Hurst, Leonard L., Jr., and Hodson. 2,767,331.
- Hodson, Ernest K. Electrical apparatus. 2,764,650, 9-25-56, Cl. 200—122.
- Hodson, Ervin, Jr.: *See*—  
Zorich, Igor. 2,742,796.
- Hodson, Lee N., Sr., and C. Foin, to The Hodson Corp. Die forging compound. 2,735,814, 2-21-56, Cl. 252—30.
- Hodson, Peter, to Apra Precipitator Corp. Vortex-electrostatic gas cleaner. 2,748,888, 6-5-56, Cl. 183—7.
- Hodson, Peter, and D. G. Peterson, to Apra Precipitator Corp. Method for finding the efficiency of gas cleaning apparatus. 2,749,626, 6-26-56, Cl. 73—38.
- Hodson, Waldo G., to Northrop Aircraft, Inc. Phase shift oscillator. 2,761,973, 9-4-56, Cl. 250—36.
- Hoe, R. & Co., Inc.: *See*—  
Battey, Alfred P. 2,746,753.
- Battey, Alfred P. 2,749,119.
- Davis, William F. 2,730,947.
- Harless, Charles A. 2,744,464.
- Harless, Charles A. 2,746,748.
- Harless, Charles A., and Worthington. 2,743,672.
- Phyllan, Thomas E., and Lawson. 2,731,914.
- Worthington, Emory W. 2,774,301.
- Hoecker, Albert C., to General Electric Co. Steam iron. 2,762,143, 9-11-56, Cl. 38—77.
- Hoecker, Albert C., to General Electric Co. Steam irons. 2,768,455, 10-30-56, Cl. 38—77.
- Hoecker, Albert C., to General Electric Co. Steam irons. 2,769,258, 11-6-56, Cl. 38—77.
- Hoefener, Howard, and H. Troeger, to Bendix Aviation Corp. Engine starter coupling mechanism. 2,762,224, 9-11-56, Cl. 74—7.
- Hoefie, Milton L., to General Aniline & Film Corp. Anthraquinone dyestuffs. 2,768,183, 10-23-56, Cl. 260—377.

- Hoefle, Milton L., D. I. Randall, and E. E. Renfrew, to General Aniline & Film Corp. Anthraquinone dyestuffs. 2,730,534, 1-10-56, Cl. 260-373.
- Hoeflin, William E. Pocket container. 2,771,928, 11-27-56, Cl. 150-0.5.
- Hoehn, John J., to Radio Corp. of America. Television motion picture projector mechanism. 2,743,647, 5-1-56, Cl. 88-18.4.
- Hoehn, John J., to Radio Corp. of America. Film drive mechanism. 2,743,922, 5-1-56, Cl. 271-2.3.
- Hoehn, Willard M. See—
- Bible, Roy H., Jr., and Hoehn. 2,750,382.
- Hoehn, William M., and R. H. Bible, Jr., to G. D. Searle & Co. Alkyl and aralkyl ethers of 4a-methyl-6-hydroxy-2,3,4,4a,9,10,10a-octahydro-1-phenanthrones. 2,764,616, 9-25-56, Cl. 260-590.
- Hoekema, Roy P. See—
- Phillips, Vernon B., Everett, and Hoekema. 2,740,365.
- Hoekema, Joe H., to Deere Mfg. Co. Corn husker having shelled corn separator. 2,731,969, 1-24-56, Cl. 130-5.
- Hoekstra, James, to Universal Oil Products Co. Process for producing spheroidal alumina. 2,774,743, 12-18-56, Cl. 252-448.
- Hoel, Leroy W. See—
- Wolfe, Dexter A., and Hoel. 2,772,184.
- Hoeldtke, Carl W. Axe with extensible handle. 2,738,815, 3-20-56, Cl. 145-64.
- Hoell, Edward C. See—
- Horman, John H., and Hoell. 2,749,396.
- Horman, John H., and Hoell. 2,749,403.
- Hoelscher, Friedrich, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Production of esters of  $\gamma$ -chlorobutyric acid. 2,775,614, 12-25-56, Cl. 260-487.
- Hoelscher, Martin R. See—
- Tasch, Hans, and Hoelscher. 2,763,503.
- Hoelzle, Kurt See—
- Moergeli, Eduard, Siegrist, and Hoelzle. 2,741,621.
- Siegrist, Adolf E., Moergeli, and Hoelzle. 2,765,304.
- Hoem, Cornelius, to Malmfabriken N. V. Freezing apparatus for making ice blocks. 2,768,507, 10-30-56, Cl. 62-106.
- Hoenger, Guido, to Meffina S. A. Locking mechanism for a clockwork movement of a mechanical time fuse for a projectile. 2,741,185, 4-10-56, Cl. 102-34.
- Hoepfel, Raymond W., to Ken Corp. Oil base drilling fluids. 2,754,265, 7-10-56, Cl. 252-8.5.
- Hoepfner, Conrad H. Delay line. 2,729,795, 1-3-56, Cl. 323-29.
- Hoepfner, Conrad H., to Raytheon Mfg. Co. Signal translation systems. 2,751,437, 6-19-56, Cl. 179-100.2.
- Hoepfner, Conrad H., and C. H. Smith, Jr. Pulse width discriminator. 2,744,198, 5-1-56, Cl. 250-27.
- Hoern, Joseph D. H. Removable control mechanism for adjusting rotary cutting tools. 2,734,402, 2-14-56, Cl. 77-4.
- Hoerr, Charles W. See—
- Ohlson, John L., and Hoerr. 2,730,530.
- Hoertz, Joseph B. See—
- Stewart, William D., and Hoertz. 2,768,958.
- Hoesch, Robert, to O. Dörries A. G. vorm. Maschinenfabrik Banning & Seybold. Tubular hydroextractor for the purifying of suspensions, especially suspensions containing fibrous material. 2,767,624, 10-23-56, Cl. 92-28.
- Hoeselbarth, Frank W. E., to C. H. Masland & Sons. Apparatus for weaving pile fabrics. 2,731,985, 1-24-56, Cl. 139-39.
- Hoeselbarth, Frank W. E., to C. H. Masland & Sons. Weaving with hook engagement of selected pile ends. 2,750,964, 6-19-56, Cl. 139-39.
- Hoeselbarth, Frank W. E., to C. H. Masland & Sons. Terry pile weave. 2,750,969, 6-19-56, Cl. 139-406.
- Hoeselbarth, Frank W. E., to C. H. Masland & Sons. Velvet or tapestry weaving. 2,754,850, 7-17-56, Cl. 139-39.
- Hoeselbarth, Frank W. E., to C. H. Masland & Sons. Velvet or tapestry carpet fabric. 2,754,856, 7-17-56, Cl. 139-403.
- Hoeselbarth, Frank W. E., to C. H. Masland & Sons. Weaving pipe carpet having textured effect. 2,765,001, 10-2-56, Cl. 139-39.
- Hoeselbarth, Frank W. E., to C. H. Masland & Sons. Pile fabric. 2,774,389, 12-18-56, Cl. 139-402.
- Hoeselbarth, Frank W. E., to C. H. Masland & Sons. Float under the wire. 2,774,390, 12-18-56, Cl. 139-403.
- Hoesly, John J. See—
- Knill, Robert B., and Hoesly. 2,752,979.
- Vernon, Roy E., and Hoesly. 2,752,981.
- Hoevens, Carl W. Flame protection for trolley locomotives in underground mines. 2,765,002, 7-3-56, Cl. 169-1.
- Hoexter, Rolf See—
- Anderson, John R., and Hoexter. 2,758,672.
- Hofer, Adolph See—
- Pollard, Leon G., Ridge, and Hofer. 2,739,029.
- Hofer, David L. Control system for suction dredge relief valve. 2,754,763, 7-17-56, Cl. 103-11.
- Hofer, Hans A. W., deceased (L. Ondratschek, executrix). Mounting for lenses and the like. 2,767,612, 10-23-56, Cl. 88-39.
- Hoff, Clarence A. Space heater for busses and the like. 2,746,726, 5-22-56, Cl. 257-137.
- Hoff, David. Portable lavatory cabinet with step drawer. 2,731,318, 1-17-56, Cl. 312-210.
- Hoff, Floyd. Combination billfold and check book. 2,737,220, 3-6-56, Cl. 150-35.
- Hoff, Herbert S. Cloth marking and penetration signal device. 2,738,495, 3-13-56, Cl. 340-213.
- Hoff, John M., to The Tappan Stove Co. Automatic ignition and control mechanism for gaseous fuel burners. 2,735,484, 2-21-56, Cl. 161-9.
- Hoff, John M., to The Tappan Stove Co. Automatic ignition mechanism for gaseous fuel burners. 2,744,569, 5-8-56, Cl. 168-115.
- Hoff, John M., to The Tappan Stove Co. Automatic ignition mechanism for gas burners. 2,745,042, 5-8-56, Cl. 317-83.
- Hoff, John M., and C. M. Mayer, to The Tappan Stove Co. Automatic ignition and control mechanism for gaseous fuel burners. 2,761,502, 9-4-56, Cl. 161-9.
- Hoff, Melvern C., R. W. Watson, and E. K. Fields, to Standard Oil Co. Lubricants. 2,758,089, 8-7-56, Cl. 252-46.4.
- Hoff, Ronald C., to Eriez Mfg. Co. Grate magnet. 2,733,812, 2-15-56, Cl. 228.
- Hoff, Ronald C., to Eriez Mfg. Co. Magnetic liquid separator. 2,763,912, 10-9-56, Cl. 210-1.5.
- Hoffacker, Theodore, Jr. See—
- Gallay, Harry M., and Hoffacker. 2,737,874.
- Hoffarth, Odell H., to Collins Radio Co. Interlocked flexible contact assembly for shaft. 2,747,166, 5-22-56, Cl. 339-5.
- Hoffecker, Frank V., to Chadborn Gotham, Inc. Heel structure for full fashioned hosiery and method of forming same. 2,757,528, 8-7-56, Cl. 66-182.
- Hoffen, Stephen. Curtain rod elevator. 2,758,809, 8-14-56, Cl. 248-265.
- Hofferth, Burt F. See—
- Breuer, Frederick W., and Hofferth. 2,736,723.
- Breuer, Frederick W., and Hofferth. 2,740,767.
- Hoffine, Charles E. Jr., to Abbott Laboratories. Aqueous soluble salts of erythromycin. 2,761,859, 9-4-56, Cl. 260-210.
- Hoffman, Alfred E. See—
- Bloch, Herman S., and Hoffman. 2,762,712.
- Whitmore, Harry E., and Hoffman. 2,752,408.
- Hoffman, Arnold, & Co., Inc. See—
- Robinson, Charles A. 2,734,004.
- Hoffman, Clarence A. See—
- Fries, Adam J., Jackson, and Hoffman. 2,729,587.
- Hoffman, Charles P., Buckle. 2,748,436, 6-5-56, Cl. 24-17.
- Hoffman, Cromer. Ladder construction. 2,767,897, 10-23-56, Cl. 228-17.
- Hoffman, Edward J. See—
- Fries, Adam J., and Hoffman. 2,770,280.
- Hoffman Electronics Corp. See—
- Buchanan, James M., and Leedy. 2,764,687.
- Bule, James L. 2,764,725.
- Bug, James L. 2,772,396.
- Dutton, Oscar B. 2,772,398.
- Holbrook, James G., and Hunter. 2,769,088.
- Jacobsen, Lance R. 2,757,288.
- Kennedy, Benedict T. 2,771,987.
- Koppell, Harold J. 2,769,089.
- Kipp, David J. 2,754,682.
- Knudson, Clarence B., and Bule. 2,772,320.
- Pierson, Karl E., and Meng. 2,755,384.
- Regnier, Norman J. 2,773,187.
- Textron, Ralph, and Daniels. 2,735,932.
- Vice, Charles L. 2,739,489.
- Vice, Charles L. 2,766,638.
- Willyard, Leslie A., Vice, Armstrong, and Reiche. 2,738,757.
- Hoffman, Floyd C. See—
- Magarinos, Joseph, and Hoffman. 2,770,456.
- Hoffman, George,  $\frac{1}{2}$  to W. E. McCracken. Balanced supporting device illusion. 2,738,188, 3-13-56, Cl. 272-8.
- Hoffman, Harold J., to The Smead Mfg. Co. Alphabet order. 2,756,515, 4-31-56, Cl. 35-35.
- Hoffman, Heinrich, to Daimler-Benz Aktiengesellschaft. Internal combustion engine. 2,766,738, 10-16-56, Cl. 123-32.
- Hoffman, Herbert O. See—
- Wiles, Western, Hoffman, and Scobey. 2,739,592.
- Hoffman, Herman S. Anti-skid device. 2,750,981, 6-19-56, Cl. 152-236.
- Hoffman, Howard D. See—
- Gall, Elia A., and Hoffman. 2,766,579.
- Hoffman, James D., to North American Aviation, Inc. Fire prevention arrangement. 2,735,635, 2-21-56, Cl. 244-135.
- Hoffman, James D., to North American Aviation, Inc. Fluid flow regulator. 2,772,691, 12-4-56, Cl. 137-220.
- Hoffman, James H. See—
- Schwenninger, Earnest N., and Hoffman. 2,770,127.
- Hoffman, Mark I. See—
- Kaufman, Warren F., and Hoffman. 2,733,726.
- Hoffman, Paul R., to Burroughs Corp. Tape punching apparatus. 2,775,300, 12-25-56, Cl. 164-115.
- Hoffman Radio Corp. See—
- Buchanan, James M., and Leedy. 2,764,687.
- Hoffman, Raymond, to Associated Dye and Print Co., Inc. Embossing rollers for textiles. 2,756,669, 7-31-56, Cl. 101-25.
- Hoffman, Raymond A., to Allied Research Products, Inc. Zinc plating brightener. 2,740,754, 4-3-56, Cl. 204-35.
- Hoffman, Robert J., Archery bow. 2,730,309, 2-28-56, Cl. 124-23.
- Hoffman, Roscoe C. Cylinder block and method of construction. 2,740,393, 4-3-56, Cl. 123-195.
- Hoffman, Roscoe C. Cushioned universal bearing structure. 2,752,184, 6-26-56, Cl. 287-90.
- Hoffman, Roscoe C. Transmission. 2,757,557, 8-7-56, Cl. 74-740.
- Hoffman, Roy D. See—
- Diehl, Elias S., and Hoffman. 2,756,554.



- Hoffman, Roy D. Teat bistoury with expansible cutter knives. 2,730,101, 1-10-56, Cl. 128-305.
- Hoffmann, Roy D. Cartridge-powered cow dehorner. 2,764,813, 10-2-56, Cl. 228.
- Hoffmann, Roy D. Cartridge-powered cow dehorner. 2,766,525, 10-16-56, Cl. 30-228.
- Hoffmann, Simon J. Reciprocating saw with reversible blade. 2,764,188, 9-25-56, Cl. 143-60.
- Hoffmann, Stanley: See—
- Tagliatieri, Frank P., and Gier. 2,761,950.
- Hoffmann, Sven A., to Allis-Chalmers Mfg. Co. Brake control for coil winding machine. 2,758,795, 8-14-56, Cl. 242-4.
- Hoffman, Wenzel S. Arrow container. 2,771,620, 11-27-56, Cl. 150-1-5.
- Hoffman, Wilbur D. 50% to W. J. Roeder. Electric steam furnace. 2,734,959, 2-14-56, Cl. 219-39.
- Hoffmann, Albert, 44% to W. Zimmermann, 3 1/4% to E. F. Engebretson, 3 1/4% to G. V. Cox, and 3 1/4% to W. R. Pearce. Lint filter for clothes dryers. 2,732,029, 1-24-56, Cl. 183-43.
- Hoffman, Allen D.: See—
- Del Riccio, Lorenzo, Skeirik, Gottfried, and Hoffmann. 2,769,024.
- Gottfried, Robert E., Hoffmann, and Skeirik. 2,769,026.
- Hoffmann, Allen D., to International Telemeter Corp. System and apparatus for determining popularity ratings of different transmitted programs. 2,766,374, 10-9-56, Cl. 250-2.
- Hoffmann, Allen D., and R. E. Gottfried, to International Telemeter Corp. Prepaid entertainment distribution system. 2,769,025, 10-30-56, Cl. 178-5-1.
- Hoffmann, Edward J.: See—
- Anderson, James A., Jr., and Hoffmann. 2,729,688.
- Anderson, James A., Jr., and Hoffmann. 2,704,340.
- Hoffmann, Edward J., and A. M. Souby, to Esso Research and Engineering Co. Production of indene. 2,763,701, 9-18-56, Cl. 260-668.
- Hoffmann, Edward J., and H. G. Schutze, to Esso Research and Engineering Co. Thermal dealkylation of aromatic hydrocarbons. 2,768,219, 10-23-56, Cl. 260-672.
- Hoffmann, Erwin A. Generator lifting tons. 2,736,601, 2-2-56, Cl. 29-104.
- Hoffmann, Heinrich, to Daimler-Benz Aktiengesellschaft. Prechamber compression ignition engine. 2,734,491, 12-14-56, Cl. 123-32.
- Hoffmann, Henry K. Lamp shade holder. 2,745,002, 5-8-56, Cl. 240-128.
- Hoffmann, Karl E. Bolt measuring attachment for chain saws, and like. 2,765,007, 10-2-56, Cl. 143-157.
- Hoffmann, Karl, and E. Tagmann, to Ciba Pharmaceutical Products, Inc. Thioisocarbazones of alicyclic monoketones with a benzene nucleus condensed in  $\alpha,\beta$ -position. 2,741,635, 4-10-56, Cl. 260-552.
- Hoffmann, Karl, E. Sury, and E. Tagmann, to Ciba Pharmaceutical Products, Inc. Azacycloalkanes. 2,742,475, 4-17-56, Cl. 260-293-4.
- Hoffmann, Karl, E. Tagmann, and E. Urech, to Ciba Pharmaceutical Products, Inc. Tetrahydropyridine compounds, their salts and quaternary compounds. 2,749,346, 6-5-56, Cl. 260-281.
- Hoffmann-La Roche Inc.: See—
- Aeschlimann, John A., and Stempel. 2,731,493.
- Aeschlimann, John A., and Tabenkin. 2,742,360.
- Aeschlimann, John A., and Tabenkin. 2,742,361.
- Aeschlimann, John A., and Tabenkin. 2,742,362.
- Chalonzo, Marco A., and Magid. 2,756,177.
- Doebel, Karl, and Spiegelberg. 2,761,861.
- Doebel, Karl, and Spiegelberg. 2,761,862.
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- Finkelstein, Jacob. 2,742,463.
- Finkelstein, Jacob, and Lee. 2,773,875.
- Fox, Herman H. 2,744,113.
- Fromherz, Konrad, Gruessner, and Schnider. 2,770,569.
- Gardner, Thomas S. 2,756,236.
- Goldberg, Moses W. 2,761,866.
- Goldberg, Moses W., and Lehr. 2,755,278.
- Goldberg, Moses W., and Rachin. 2,768,202.
- Goldberg, Moses W., and Teitel. 2,736,746.
- Goldberg, Moses W., and Teitel. 2,736,747.
- Goldberg, Moses W., and Teitel. 2,746,992.
- Goldberg, Moses W., and Teitel. 2,761,865.
- Goldberg, Moses W., and Teitel. 2,774,766.
- Grew, Rudolf. 2,744,137.
- Grüssner, Andreas, and Schnider. 2,740,788.
- Hegedüs, Balthasar. 2,746,968.
- Isler, Otto, Montavon, Rüegg, and Zeller. 2,730,549.
- Karrer, Paul, and Viscontini. 2,740,775.
- Kühn, Heinrich. 2,764,526.
- Lee, John, and Smith. 2,764,585.
- Long, Robert F. 2,755,284.
- Lutz, August H. 2,740,790.
- Mateles, Michael, and Widmer. 2,775,521.
- Marbet, Roman, and Winerstein. 2,768,198.
- Schnider, Otto. 2,746,962.
- Steiger, Norbert. 2,732,373.
- Steiger, Norbert. 2,732,374.
- Stempel, Arthur. 2,774,769.
- Surmatits, Joseph D. 2,760,998.
- Surmatits, Joseph D., and Juliano. 2,732,396.
- Vogler, Karl. 2,744,112.
- Walter, Max. 2,731,498.
- Wenls, Edward. 2,734,054.
- Wenner, Wilhelm. 2,740,795.
- Wenner, Wilhelm. 2,773,877.
- Hoffmann, Melville C., and H. E. Kratz. Filter. 2,750,945, 6-12-56, Cl. 210-165.
- Hoffmann, Ulrich: See—
- Weibe, Adolf, and Hoffmann. 2,771,485.
- Hoffmann, Ulrich, O. Schweitzer, and K. Rinn, to Deutsche Gold- und Silber-Scheideanstalt, vormals Roessler. Process for the preparation of hexahydroxybenzene. 2,736,752, 2-28-56, Cl. 260-621.
- Hoffmann, Ulrich, and H. Veith, to Deutsche Gold- und Silber-Scheideanstalt, vormals Roessler. Process for the production of finely divided silica and alkali formates. 2,737,446, 3-6-56, Cl. 23-182.
- Hoffmann, Walter, to Actiengesellschaft Joh. Jacob Rieter & Cie. Method and device for winding cops in ring-spinning and sing-doubling machines having a vertically movable spindle rail. 2,732,683, 1-31-56, Cl. 57-95.
- Hoffmaster Co., Inc.: See—
- Walton, William M. 2,729,267.
- Hoffmaster, George K., to Willson Products, Inc. Adjustable means for face protective device. 2,747,191, 5-29-56, Cl. 2-19.
- Hoffmeister, Erich. Drilling or grinding tools, more particularly for dental purposes. 2,748,483, 6-5-56, Cl. 32-48.
- Hoffmeister, Hans G., to Food Machinery and Chemical Corp. Automatic self-filling conveyor. 2,770,350, 11-13-56, Cl. 19-18.
- Hoffmeister, John F., and D. S. Koncak, to International Milling Co. Bulk car unloader. 2,754,982, 7-17-56, Cl. 214-44.
- Hoffstetter, George O. Mixing and blending machine. 2,738,960, 10-20-56, Cl. 259-3.
- Hoffmann, Rolf. Priming wheel setting mechanism. 2,742,855, 4-24-56, Cl. 101-93.
- Hofgesang, William, to The Singer Mfg. Co. Cording and embroidering presser-foot attachments for sewing machines. 2,737,914, 5-13-56, Cl. 112-139.
- Höde, Balthasar: See—
- Ritzau, Ingebringer, and Häfler. 2,772,117.
- Hofman, Isidor O. Acoustic devices. 2,755,880, 7-24-56, Cl. 181-24.
- Hoffmann, Corris M., to American Cyanamid Co. 1-substituted-4-sulfamylpiperazine and method of preparing the same. 2,748,125, 5-20-56, Cl. 260-256-5.
- Hoffmann, Corris M., to American Cyanamid Co. Sulfamylpiperazines and method of preparing the same. 2,748,129, 5-29-56, Cl. 260-268.
- Hoffmann, Erich. Electrical connecting device. 2,770,794, 11-13-56, Cl. 339-773.
- Hofmann, Ernst. Beunit Mills, Inc. Method and apparatus for producing novelty yarn. 2,730,757, 1-17-56, Cl. 18-8.
- Hoffmann, Hugo, to Beunit Mills, Inc. Production of novelty yarn. 2,765,489, 10-9-56, Cl. 18-8.
- Hofmann, Karl, to The Warner & Swasey Co. Die cast shuttle guide. 2,767,777, 10-16-56, Cl. 189-188.
- Hofmaster, Earl A. Rod cutting device. 2,743,520, 5-1-56, Cl. 30-102.
- Hofmeister, Hans, and A. Krus; said Hofmeister assor. to Demag Aktiengesellschaft. Rotary tilting furnace. 2,767,971, 10-23-56, Cl. 263-33.
- Hofmeister, Richard: See—
- Sommer, Richard, and Hofmeister. 2,771,810.
- Hofrichter, Charles H., Jr.: See—
- Chren, William A., and Hofrichter. 2,736,066.
- Hofrichter, Charles H., Jr., and P. M. Kempmeyer, to Olin Mathieson Chemical Corp. Method of producing non-blocking, moistureproof, heat-sealable regenerated cellulose film. 2,752,266, 6-26-56, Cl. 117-76.
- Hofrichter, Hazel H.: See—
- Hofrichter, Martin E. and H. H. 2,775,490.
- Hofrichter, Martin E. and H. H. Scaffold board splicer. 2,775,490, 12-25-56, Cl. 304-38.
- Hofstatter, Frank F., to General Motors Corp. Wear resisting structure for conveyor belts. 2,745,541, 5-15-56, Cl. 198-184.
- Hofstetter, Emil: See—
- Smith, Arthur E. W., and Hofstetter. 2,752,342.
- Hofstetzer, Henry: See—
- Line, Richard A., and Hofstetzer. 2,761,312.
- Hogan, Anthony: See—
- Dell, Angus T. 2,754,147.
- Hogan, Clarence L., to Bell Telephone Laboratories, Inc. Non-reciprocal waveguide attenuator. 2,748,353, 5-29-56, Cl. 333-81.
- Hogan, Clarence L., to Bell Telephone Laboratories, Inc. Gyromagnetic resonance type microwave mode converter. 2,768,354, 10-23-56, Cl. 333-21.
- Hogan, Clarence L., to S. C. Hoffmatt. Synchronizing system. 2,764,528, 4-17-56, Cl. 178-69-5.
- Hogan, James J., to The International Silver Co. Brace for supporting lids of display chests. 2,767,875, 10-23-56, Cl. 217-61.
- Hogan, John E., to C. and E. M. Hartwell, d. b. a. Hartwell Aviation Supply Co. Connectors for jet engine blankets. 2,737,697, 3-13-56, Cl. 24-19.
- Hogan, John E., and L. R. Poe, to C. and E. M. Hartwell, co-partners, d. b. a. Hartwell Aviation Supply Co. Rotatable access door. 2,732,970, 1-31-56, Cl. 220-40.
- Hogan, John M. Rotary sewer cleaning tool. 2,756,447, 7-31-56, Cl. 15-104-3.
- Hogan, John W.: See—
- Daniels, Howard L., and Hogan. 2,730,698.
- Hogan, Joseph L., to Walk-A-Lator Mfg. Co., Inc. Invalid walker. 2,745,465, 5-15-56, Cl. 155-23.

- Hogan Laboratories, Inc.: See—  
Hester, Frank A., and Ressler. 2,760,167.
- Hogan, Lawrence J., Jr. Supporting leg construction. 2,738,246, 2-13-56, Cl. 311-114.
- Hogan, Milton A.: See—  
Wuerfel, Robert P., and Hogan. 2,743,350.
- Hogan, Robert J.: See—  
Lanning, William C., and Hogan. 2,775,637.
- Hogan, Walter H., to The Cleveland Pneumatic Tool Co. Lifting mechanism having clutch and brake. 2,756,964, 7-31-56, Cl. 254-98.
- Hogan, Walter H., to The Cleveland Pneumatic Tool Co. Steering mechanism. 2,759,687, 8-21-56, Cl. 244-50.
- Hogan, Walter H., to The Cleveland Pneumatic Tool Co. Ball screw and nut construction. 2,767,593, 10-23-56, Cl. 74-459.
- Hogan, Walter H., and H. Bourassa, to The Cleveland Pneumatic Tool Co. Ball friction drive. 2,756,609, 7-31-56, Cl. 74-459.
- Hogan, William J., to Stapling Machines Co. Fastener for wirebound boxes. 2,762,522, 9-11-56, Cl. 217-68.
- Hogan, William J., to Stapling Machines Co. Box machine conveyor drive. 2,772,768, 12-4-56, Cl. 198-208.
- Hogan, William J., and C. O. Riker, to Stapling Machines Co. Wirebound box blank inverter. 2,753,038, 7-3-56, Cl. 198-33.
- Hogan, William J., and A. M. Sylvester, to Stapling Machines Co. Cutting machine for making lined wirebound boxes. 2,762,432, 9-11-56, Cl. 164-38.
- Hoganas-Billesholm Aktiebolag: See—  
Barth, Otto F. S. 2,771,341.
- Hogberg, Sven E., to The Cleveland Pneumatic Tool Co. 2,730,283.
- Hogberg, George F. Boat construction, including cushioned mounting board for outboard motor. 2,738,751, 3-20-56, Cl. 115-17.
- Hogeman, Hans, to American Bosch Arma Corp. Fuel injection pump. 2,765,111, 8-13-56, Cl. 103-5.
- Hogeman, Hans, and P. G. Burman, to American Bosch Arma Corp. Fuel control system. 2,758,584, 8-14-56, Cl. 123-140.
- Hogg, John A.: See—  
Beal, Philip F., III, and Hogg. 2,732,384.
- Beal, Philip F., III, and Hogg. 2,758,993.
- Korman, Jerome, and Hogg. 2,774,775.
- Nathan, Alan H., and Hogg. 2,730,537.
- Nathan, Alan H., and Hogg. 2,751,387.
- Schneider, William P., and Hogg. 2,769,825.
- Hogg, John A., to The Upjohn Co. 1-methyl-2-carboxy-7-oxo derivatives of hydrophenanthrenes and process. 2,732,389, 1-24-56, Cl. 260-473.
- Hogg, John A., P. F. Beal, A. H. Nathan, and F. H. Lincoln, Jr., to The Upjohn Co. 9:11-oxido steroids. 2,730,523, 1-10-56, Cl. 260-239.55.
- Hogg, John A., and A. H. Nathan, to The Upjohn Co. 11-keto-21-iodoprogesterone. 2,734,065, 2-7-56, Cl. 260-397.3.
- Hogg, John A., P. F. Beal, and F. H. Lincoln, Jr., to The Upjohn Co. 21-Hydroxy-4-17(20)-pregnadiene-3,11-dione and esters thereof. 2,735,856, 2-21-56, Cl. 260-397.45.
- Hogg, John A., and A. H. Nathan, to The Upjohn Co. Steroids. 2,740,782, 4-3-56, Cl. 260-239.57.
- Hogg, John A., and A. H. Nathan, to The Upjohn Co. Steroids. 2,740,783, 4-3-56, Cl. 260-239.57.
- Hogg, John A., and W. P. Schneider, to The Upjohn Co. Steroid alkali-metal enolates. 2,750,381, 6-12-56, Cl. 260-239.65.
- Hogg, John A., P. F. Beal, and F. H. Lincoln, Jr., to The Upjohn Co. Carbonyloxy steroids. 2,752,366, 6-26-56, Cl. 260-397.1.
- Hogg, John A., and F. H. Lincoln, Jr., to The Upjohn Co. Enolates 21-formyl steroids and process. 2,767,198, 10-15-56, Cl. 260-397.4.
- Hogg, John A., P. F. Beal, A. H. Nathan, and F. H. Lincoln, Jr., to The Upjohn Co. Steroids. 2,771,475, 11-20-56, Cl. 260-397.1.
- Hogg, John A., P. F. Beal, and F. H. Lincoln, Jr., to The Upjohn Co. Dihalosteroids. 2,774,776, 12-18-56, Cl. 260-397.1.
- Hoggart, Gilbert A., and C. G. Shuttleworth, to Bestwall Gypsum Co. Method and apparatus for producing plaster. 2,767,065, 10-16-56, Cl. 23-260.
- Hogren, Oscar C. Portable milk pasteurizer. 2,769,564, 11-6-56, Cl. 220-13.
- Hogran, Forest A., to International Minerals & Chemical Corp. Recovery of glutamic acid. 2,730,545, 1-10-56, Cl. 260-327.
- Hogran, Forest A., and P. A. Fugh, Jr., to International Minerals & Chemical Corp. Treatment of protein hydrolysates. 2,751,408, 6-19-56, Cl. 260-519.
- Hoglund, Nils. Templet formers. 2,732,770, 1-31-56, Cl. 90-13.1.
- Hoglund, Nils. Grinding wheel dressing apparatus. 2,768,619, 10-30-56, Cl. 125-111.
- Hoglund, Nils. Grinding wheel dressing apparatus. 2,774,344, 12-18-56, Cl. 125-111.
- Hoglund, Sig P., and A. G. Kindahl, to Sandvikens Jernverks Aktiebolag. Rock drilling bit. 2,735,656, 2-21-56, Cl. 255-63.
- Hogue, Ephraim W. Hydraulic motors. Re. 24,252, 12-4-56, Cl. 121-56.
- Hogue, Ephraim W. Hydraulic motors. 2,730,076, 1-10-56, Cl. 121-56.
- Hogue, Walter S.: See—  
Novak, Leo J., and Hogue. 2,746,906.
- Novak, Leo J., and Hogue. 2,768,097.
- Novak, Leo J., Hogue, and Homer. 2,756,160.
- Hogue, Walters E.: See—  
Walker, Robert M., Barry, and Hogue. 2,764,680.
- Hohener, Werner W. Hydraulic system. 2,744,385, 5-8-56, Cl. 60-53.
- Hohing, Conrad, Jr.: See—  
Fortress, Fred, and Hohing. 2,730,498.
- Hohl, John, to Owens-Illinois Glass Co. Glass containers and closures for same. 2,731,163, 1-17-56, Cl. 215-40.
- Hohl, John, O. Bjering, and W. J. Ringel, to Owens-Illinois Glass Co. Apparatus for sealing containers. 2,735,600, 2-21-56, Cl. 226-82.
- Hohlfelder, F. Co., The: See—  
Reed, Thomas W. 2,729,846.
- Hohmann, Albert: See—  
Cooper, Benjamin, and Hohmann. 2,732,797.
- Hohmann, Albert F.: See—  
Cooper, Benjamin, and Hohmann. 2,741,529.
- Cooper, Benjamin, and Hohmann. 2,755,023.
- Cooper, Benjamin, Hohmann, and Wapner. 2,749,538.
- Hohmann, Joseph W. Frozen food cutter. 2,750,669, 6-19-56, Cl. 30-355.
- Hohner, Matthias, Aktiengesellschaft: See—  
Bierl, Kurt E. 2,733,628.
- Hohnl, Richard E.: See—  
Omon, Gene L., and Hohnl. 2,735,696.
- Hohwat, Ernest F.: See—  
Hohwat, George and E. F. 2,733,072.
- Hohwat, George and E. F. 2,747,880.
- Hohwat, George and E. F., to N. A. Woodworth Co. Finger chuck. 2,733,072, 1-31-56, Cl. 279-4.
- Hohwat, George and E. F., to N. A. Woodworth Co. Rubber conveyor rollers. 2,747,880, 5-29-56, Cl. 279-4.
- Holness, Alice C. Sifter device. 2,735,548, 2-21-56, Cl. 209-283.
- Holsve, Harold V.: See—  
Maxwell, Ira C., Langen, and Holsve. 2,760,698.
- Hoitt, Clifford E. Exhaust device for marine internal combustion engines. 2,760,593, 8-29-56, Cl. 181-43.
- Hokans, Carl A.: See—  
Onksen, George W., and Hokans. 2,767,305.
- Hokanson, Nils O. G.: See—  
Hauterberg, Hilbert F. 2,739,007.
- Hoke, Charles E., to United States Rubber Co. Processing of rubber. 2,735,793, 2-21-56, Cl. 134-8.
- Hoke, Harry H., Jr. Propeller. 2,755,867, 7-24-56, Cl. 170-56.
- Hoke, Howard L.: See—  
Risley, Roger E., and Hoke. 2,738,995.
- Holaday, Harold O.: See—  
MacMillan, Charles W., Holaday, and Pierce. 2,765,540.
- Holan, J. H.: See—  
Holan, James H., and Troche. 2,772,913.
- Troche, Herman J., and Holan. 2,753,224.
- Troche, Herman J., and Holan. 2,754,536.
- Holan, James H.: See—  
Troche, Herman J., and Holan. 2,753,224.
- Troche, Herman J., and Holan. 2,754,536.
- Holan, James H., and H. J. Troche, to J. H. Holan Corp. Side structures of utility truck bodies. 2,772,913, 12-4-56, Cl. 296-28.
- Holapp, John E., to H. E. Beyster & Associates, Inc. Automobile parking machine. 2,773,609, 12-11-56, Cl. 214-16.1.
- Holbrefin S. A.: See—  
Boris, Francois C., and S. Boris, née Jokelson. 2,760,822.
- Holbrook, Francis C. Refuse destructor. 2,771,847, 11-27-56, Cl. 110-15.
- Holbrook, Gordon E., to General Motors Corp. Variable nozzle actuator. 2,761,277, 9-4-56, Cl. 60-35.6.
- Holbrook, James G., and W. L. Hunter, to Hoffman Electronics Corp. Oscillator. 2,769,088, 10-30-56, Cl. 250-36.
- Holbrook, Orrin C.: See—  
Bond, Donald C., and Holbrook. 2,772,737.
- Moening, William K., and Holbrook. 2,769,335.
- Holbrook, Orrin C., to The Pure Oil Co. Acidizing siliceous formations. 2,742,425, 4-17-56, Cl. 252-8.55.
- Holbrook, Thomas R.: See—  
Friedman, Donald D., Holbrook, and Rudolph. 2,757,434.
- Holcomb, James E.: See—  
Stewart, Harold C., and Holcomb. 2,731,606.
- Holdeman, Charles L. Container for fly and similar lures. 2,734,306, 2-14-56, Cl. 43-57.5.
- Holdeman, John W., and E. F. Farrell, to Borg-Warner Corp. Cardiodial shaped brake band. 2,768,714, 10-30-56, Cl. 188-259.
- Holdeman, Lloyd H., to Manning, Maxwell & Moore, Inc. Apparatus for supporting railway vehicles. 2,735,376, 2-21-56, Cl. 104-32.
- Holden, Arthur S., Jr., to The Coe Mfg. Co. Veneer dryer. 2,767,485, 10-23-56, Cl. 34-205.
- Holden, Calvin B., to Columbia-Southern Chemical Corp. Production of isopropyl chloroformate. 2,732,914, 1-31-56, Cl. 183-119.
- Holden, Dermot F.: See—  
Nydegger, Roland R., and Holden. 2,767,534.
- Holden, Donald L.: See—  
Murray, Maurice J., and Holden. 2,736,713.
- Holden, Lawrence T., to Bell Telephone Laboratories, Inc. Fraudulent ground corrective for coin collector circuit. 2,765,366, 10-2-56, Cl. 179-6.3.



- Holden, Lawrence T., and R. R. Stevens, to Bell Telephone Laboratories, Inc. Telephone coin collector. 2,766,866, 10-16-56, Cl. 194-97.
- Holden, Margaret H. : *See*—
- Holden, Orloff W. 2,739,711.
- Holden, Orloff W. 2,771,998.
- Lee, John C., and Gerberich. 2,741,467.
- Holden, Norman G., to Powers-Samas Accounting Machines Ltd. Machines for sorting statistical cards. 2,737,305, 3-8-56, Cl. 214-111.
- Holden, Orloff W. : *See*—
- Lee, John C., and Gerberich. 2,741,467.
- Holden, Orloff W., to O. W. and M. H. Holden, a partnership d. b. a. Knickerbocker Rubber Co., not inc. Screen and holder for aerating device. 2,739,711, 3-27-56, Cl. 210-84.
- Holden, Orloff W., to O. W. and M. H. Holden, d. b. a. Knickerbocker Rubber Co. Aerator screen. 2,771,998, 11-27-56, Cl. 210-84.
- Holden, William H. T., to Bell Telephone Laboratories, Inc. Station number identifier. 2,739,187, 3-20-56, Cl. 179-15.
- Holden, William H. T., to Bell Telephone Laboratories, Inc. Resolving and integrating arrangement. 2,740,583, 4-3-56, Cl. 235-61.
- Holder, Clinton H. : *See*—
- Long, Robert B., Carver, Holder, and Felix. 2,775,543.
- Holder, Clinton H., to Esso Research and Engineering Co. Process of recovery of oxygenated hydrocarbons from hydrocarbon synthesis. 2,746,985, 5-22-56, Cl. 260-450.
- Holder, David A. Leg, knee, and foot guard and support. 2,733,443, 2-7-56, Cl. 2-22.
- Holder, Deceat L. : *See*—
- Holder, James B. 2,731,789.
- Holder, James B., deceased, by D. R. Holder, administratrix. Method of forming novelty yarn. 2,731,789, 1-24-56, Cl. 57-160.
- Holderle, Frederick S., H. C. R., and N. F. W. Refrigerated display case. 2,763,135, 9-18-56, Cl. 62-89.5.
- Holderle, Harvey C. R. : *See*—
- Holderle, Frederick S., H. C. R., and N. F. W. 2,763,135.
- Holderle, Norbert F. W. : *See*—
- Holderle, Frederick S., H. C. R., and N. F. W. 2,763,135.
- Holdings, Inc. 2,773,283.
- Malamond, Georges, and Rubli. 2,773,283.
- Holdsworth Mfg. Co., Inc. : *See*—
- Holdsworth, Willie. 2,728,954.
- Holdsworth, Willie, to Holdsworth Mfg. Co., Inc. Drafting apparatus with multiple porcupines. 2,728,954, 1-3-56, Cl. 19-130.
- Holdt, Donald H., to the United States of America as represented by the Secretary of the Army. Vibrator power supply. 2,742,580, 4-17-56, Cl. 307-82.
- Holgerson, Arvid R. Water kite. 2,744,352, 5-8-56, Cl. 346-13.
- Holgerson, Arvid R. Floor covering block. 2,760,895, 8-28-56, Cl. 154-49.
- Holiday, Stanley M., Jr. : *See*—
- Bode, Robert H., Holiday, and Hawke. 2,750,028.
- Holin, William F., to General Motors Corp. Railway vehicle traction motor cooling system. 2,746,400, 5-22-56, Cl. 105-59.
- Holin, William F., to General Motors Corp. Locomotive truck. 2,748,721, 6-5-56, Cl. 105-193.
- Holl, James W. F. Exhaust back pressure braking system. 2,720,090, 10-6-56, Cl. 129-97.
- Holl, Raymond W. : *See*—
- Feliden, Geoffrey B. R., Simons, and Holl. 2,753,883.
- Hollabaugh, Max G., F. D. Sher, and K. R. Wisner, to ACF Industries, Inc. Method and apparatus for magnetically recording video-frequency signals. 2,772,135, 11-27-56, Cl. 346-74.
- Holland-Bowyer, Wilfrid, and J. H. Woodward, to Dunlop Rubber Co. Ltd. Reinforced fireproof hose. 2,730,133, 1-10-56, Cl. 138-56.
- Holland Co. : *See*—
- Holland, Cyrus J., Wulff, and Carlson. 2,737,905.
- Holland, Cyrus J., C. W. Wulff, and A. H. Carlson, to Holland Co. Truck bolster damping device. 2,737,905, 3-13-56, Cl. 105-197.
- Holland, David O., to Beecham Research Laboratories Ltd. Preparation of methionine from  $\alpha$ -amino- $\gamma$ -methylthiobutyric acid. 2,775,616, 12-25-56, Cl. 260-534.
- Holland, Donald B., to Cutler-Hammer, Inc. Phase shift system utilizing saturable reactors and motor control utilizing such system. 2,745,049, 5-8-56, Cl. 318-331.
- Holland, Glen. Coffee making apparatus. 2,767,640, Cl. 123-56, Cl. 99-283.
- Holland, James H. Chewing gum disposer. 2,757,859, 8-7-56, Cl. 232-43.2.
- Holland, John A. Tire tread trimming machine. 2,751,979, 6-26-56, Cl. 164-10.2.
- Holland, John H., and F. G. Brown, to Telautograph Corp. Teletypewriter. 2,756,272, 7-24-56, Cl. 178-19.
- Holland, Kenneth M., to Hercul Products Inc. Method of expanding expandable metal foil honeycomb. 2,756,496, 7-31-56, Cl. 29-455.
- Holland, Leslie A. Apparatus for vaporization of metals and metalloids. 2,772,318, 11-27-56, Cl. 13-25.
- Holland, Oswald A. Quick disconnect for tractor-trailer air hoses. 2,742,975, 4-24-56, Cl. 183-39.
- Holland, Richard W. Adjustable anti thumb sucking device. 2,767,709, 10-23-56, Cl. 128-133.
- Hollander, Gerhard L., to Clevite Corp. Addressing system for data records. 2,765,456, 10-2-56, Cl. 340-174.
- Hollander, Max L., and Y. E. Lebedeff, to American Smelting and Refining Co. Preparation of zinc electrolytes. 2,772,280, 11-27-56, Cl. 200-119.
- Hollander, William L., to A. B. Chance Co. Ratchet mechanism for chain hoists. 2,741,927, 4-17-56, Cl. 74-152.
- Hollander, William L., to A. B. Chance Co. High voltage air break switch assemblies. 2,745,919, 5-15-56, Cl. 200-48.
- Hollander, William L., to A. B. Chance Co. Switch contacts. 2,772,280, 11-27-56, Cl. 200-48.
- Hollansworth, McFerrell, to McKinney Mfg. Co. Motor vehicle door hinge. 2,771,628, 11-27-56, Cl. 16-138.
- Holle, Otto E. Planter shoe. 2,769,412, 11-6-56, Cl. 110-73.
- Hollenshead, Clifford M., to Merck & Co., Inc. Curing of meat. 2,739,899, 3-27-56, Cl. 99-159.
- Hollenberg, Arthur V., to Bell Telephone Laboratories, Inc. Electronic amplifier. 2,742,588, 4-17-56, Cl. 315-3.6.
- Hollenberg, Frederick H., Jr., to Baldwin-Hill Co. Method of making mineral wool insulation. 2,732,295, 1-24-56, Cl. 92-21.
- Hollenshead, Earl F., to Great Lakes Products, Inc. Casting rod handle. 2,756,531, 7-31-56, Cl. 43-22.
- Holler, Hans, to the firm: Gebrüder Holler Maschinenfabrik. Fully automatically operating machine for filling bags of 2,768,493, 10-30-56, Cl. 53-385.
- Hollern, William K. : *See*—
- Louden, Edgar W., and Hollern. 2,730,256.
- Holley Carburetor Co. : *See*—
- Egerer, William E. 2,752,133.
- Egerer, William E. 2,768,818.
- Gardner, Dale. 2,752,133.
- Hartman, Frank W., Jr. 2,740,853.
- Holley, George M., Jr. 2,748,881.
- Holley, George M., Sr. 2,745,394.
- Johnson, Kalin S. 2,766,747.
- Keil, Leonard W. 2,751,819.
- Kittler, Milton J. 2,737,975.
- Kittler, Milton J., Sterner, and Smitley. 2,745,645.
- Nye, Ray. 2,752,132.
- Smitley, Marion L. 2,732,191.
- Smitley, Marion L., and Sterner. 2,766,024.
- Sterner, Melvin F. 2,769,436.
- Udale, Stanley M. 2,739,582.
- Udale, Stanley M. 2,741,466.
- Udale, Stanley M. 2,750,171.
- Udale, Stanley M. 2,767,697.
- Zniuk, Michael A. 2,740,055.
- Holler, Fred. Thermoelectric control for marine engine cooling systems. 2,757,650, 8-7-56, Cl. 123-41.08.
- Holley, George M., Jr., to Holley Carburetor Co. Vacuum type power steering with control means responsive to engine and vehicle speeds. 2,748,881, 6-5-56, Cl. 180-79.2.
- Holloy, George M., Sr., to Holley Carburetor Co. Manifold assembly for internal combustion engines. 2,745,394, 5-15-56, Cl. 123-122.
- Hollick, John G. : *See*—
- Morgan, Paul B., and Hollick. 2,766,045.
- Holliday, Clyde T. : *See*—
- Sterner, Melvin F., Petersen, and Holliday. 2,773,732.
- Holliday, Theodore B. : *See*—
- Webb, Chester H., and Holliday. 2,771,291.
- Hollihan, John P., Jr. : *See*—
- Dart, Sidney L., and Hollihan. 2,737,806.
- Hollinger, Max. Undergarment. 2,750,595, 6-19-56, Cl. 2-130.
- Hollingsworth, Alfred V. Gravity abrasion apparatus. 2,733,550, 2-7-56, Cl. 51-15.
- Hollingsworth, Clinton A., to Smith-Douglas Co., Inc. Concentration of minerals. 2,753,045, 7-3-56, Cl. 209-170.
- Hollingsworth, Clinton A., to Smith-Douglas Co., Inc. Treatment of phosphate rock. 2,753,253, 7-3-56, Cl. 71-44.
- Hollingsworth, Clinton A., to Smith-Douglas Co., Inc. Concentration of minerals. 2,758,714, 8-14-56, Cl. 209-168.
- Hollingsworth, Clinton A., to Smith-Douglas Co., Inc. Treatment of phosphate rock to recover phosphorus, fluorine, calcium, and uranium. 2,773,736, 12-11-56, Cl. 23-14.5.
- Hollingsworth, Clinton A., and J. C. Williams, to Smith-Douglas Co., Inc. Defluorination of phosphate rock. 2,754,191, 7-10-56, Cl. 71-45.
- Hollingsworth, Guilford L., to Boeing Airplane Co. Electrical amplifier using hall effect. 2,767,911, 10-23-56, Cl. 235-61.
- Hollingsworth, Irene M. Sanitary appliance. 2,731,014, 1-17-56, Cl. 128-290.
- Hollingsworth, Jean P. Sanding attachment. 2,746,216, 6-22-56, Cl. 51-195.
- Hollingsworth, John R. : *See*—
- Ade, Fred O., and Hollingsworth. 2,742,887.
- Adell, Karl L., and Hollingsworth. 2,745,398.
- Hollingsworth, Raphael. Fuel charge turbulator for internal combustion engines. 2,740,392, 4-3-56, Cl. 123-142.
- Hollingsworth, Raphael. Power insert for internal combustion engines. 2,763,255, 9-13-56, Cl. 123-191.
- Hollingsworth, Thomas H. Telescope tower jack. 2,739,850, 3-27-56, Cl. 304-29.
- Hollins, Jesse R. Flashing direction signalling system for vehicles. 2,747,174, 5-22-56, Cl. 340-81.
- Hollins, Jesse R. Direction signalling systems. 2,750,467, 6-12-56, Cl. 200-116.
- Hollins, Jesse R. Direction signalling systems. 2,750,468, 6-12-56, Cl. 200-116.
- Hollins, Jesse R. Turn signalling arrangement. 2,757,315, 7-31-56, Cl. 315-81.

- Hollins, Jesse R. Lighting circuit condition indicator. 2,764,752, 9-25-56, Cl. 340-252.
- Hollins, Jesse R. Self-canceling directional signal device. 2,763,344, 10-5-56, Cl. 200-61.37.
- Hollinshead, William H. Control Mfg. Co. Pump control. 2,765,743, 10-9-56, Cl. 103-25.
- Hollis, Charles E. *See*—
- Abbott, Leslie S., Faulkner, and Hollis. 2,739,972.
- Hollis, Homer H. Arm tractor attachment. 2,754,741, 7-17-56, Cl. 97-47.37.
- Hollis, James L., and H. Nebiker, Jr., to Collins Radio Co. Removable coaxial vacuum tube connector. 2,760,177, 8-21-56, Cl. 339-258.
- Hollis, John C., Giddings & Lewis Machine Tool Co. Displacement indicator. 2,743,699, 5-1-56, Cl. 116-115.
- Hollis, Robert F., to Alton Box Board Co. Tension control means in rotary presses for printing and blanking. 2,741,176, 4-10-56, Cl. 101-227.
- Hollis, Robert V. Bubble blower. 2,741,068, 4-10-56, Cl. 46-7.
- Hollister, Edwin S., to General Electric Co. Operating mechanism for automatic electric toasters. 2,771,022, 11-20-56, Cl. 329-329.
- Hollister, Miles F. *See*—
- Bodkin, Lawrence E. 2,740,194.
- Hollman, Peter I., to Geo. D. Roper Corp. Gas burner ignition system. 2,751,976, 6-26-56, Cl. 158-130.
- Hollmann, Hans E., to the United States of America as represented by the Secretary of the Navy. Speedometer. 2,743,417, 4-24-56, Cl. 324-68.
- Hollmann, Hans E. Electromechanical nonlinear capacitor. 2,755,419, 7-17-56, Cl. 317-249.
- Hollmann, Hans E., to the United States of America as represented by the Secretary of the Navy. Capacitive accelerometer. 2,766,429, 10-9-56, Cl. 324-70.
- Hollmann, Hans E. Electric amplifiers with nonlinear piezoids. 2,773,137, 12-4-56, Cl. 179-171.
- Hollosy, Zoltan. Game board device. 2,743,107, 4-24-56, Cl. 273-134.
- Holloway, Judson H. *See*—
- Gray, Kenneth R., Holloway, and Thomas. 2,767,169.
- Holloway, Owen J., Sr. Tobacco looping horse. 2,767,862, 10-23-56, Cl. 214-5.5.
- Holloway, Robert L. Constant torque coupling. 2,729,077, 1-8-56, Cl. 64-30.
- Holloway, Robert L., to American Machine & Foundry Co. Thrust control mechanism for jet-propelled aircraft. 2,757,510, 8-7-56, Cl. 60-35.54.
- Holloway, Robert L., to American Machine & Foundry Co. Reversible bicycle frame. 2,773,695, 12-11-56, Cl. 280-7.11.
- Holloway, Robert L., and J. Zuercher, to American Machine & Foundry Co. Bowling pin elevating mechanism. 2,767,983, 10-23-56, Cl. 273-43.
- Holly Carburetor Co. *See*—
- Kell, Leonard W. 2,747,508.
- Holly, Frederick W., and C. E. Spencer, to Merck & Co., Inc. Di(omega-carboxyalkyl)-tetrathiolocyclodecane. 2,766,257, 10-9-56, Cl. 260-327.
- Holly, Frederick W., and C. H. Stammer, to Merck & Co., Inc. Synthesis of 4-amino-3-isoxazolidone and its derivatives. 2,772,281, 11-27-56, Cl. 260-307.
- Holly, Harry H., to Hollymatic Corp. Sheet feeder for patty molding apparatus. 2,757,412, 8-7-56, Cl. 17-32.
- Holly, Harry H., to Hollymatic Corp. Material removing device for molding apparatus. 2,763,026, 9-18-56, Cl. 17-32.
- Holly Mfg. Co. *See*—
- Bedell, Karl L., and Hollingsworth. 2,745,398.
- Holly, Stanley C., to Cincinnati Screen Processing Supplies Inc. Squeegee and frame mounting for stencil printing machines. 2,770,191, 11-13-56, Cl. 101-126.
- Holly Sugar Corp. *See*—
- Cotton, Robert H., and Rorabaugh. 2,774,671.
- Daniels, Robert M., Maudru, and Rorabaugh. 2,744,840.
- Holiday, James H., and E. J. Nolt, to Sperry Rand Corp. Briar crumb construction. 2,750,311, 6-19-56, Cl. 74-593.
- Holiday, William C., Jr. *See*—
- Garber, John D., Holiday, and Vanderbilt. 2,746,925.
- Holiday, William C., Jr., to Esso Research and Engineering Co. Lubricating oil additives. 2,744,071, 5-1-56, Cl. 252-51.5.
- Holiday, William C., Jr., to Esso Research and Engineering Co. Modified polymeric pour point depressants. 2,749,312, 6-5-56, Cl. 252-50.
- Holiday, William C., Jr., to Esso Research and Engineering Co. Alkylated polystyrene pour depressants. 2,756,263, 7-24-56, Cl. 260-671.
- Holiday, William C., Jr., to Esso Research and Engineering Co. Lubricating compositions. 2,769,783, 11-6-56, Cl. 252-45.
- Holiday, William C., Jr., T. S. Tutwiler, and C. F. Ford, to Esso Research and Engineering Co. Polymerization process. 2,748,083, 5-29-56, Cl. 252-51.5.
- Hollymade Hardware Mfg. Co. *See*—
- Cert, Robert C., Jr. 2,763,299.
- Crandell, Roy L. 2,741,502.
- Hollymatic Corp. *See*—
- Holly, Harry H. 2,757,412.
- Holly, Harry H. 2,763,026.
- Hollywood, John M., to the United States of America as represented by the Secretary of the Air Force. Phase synchronized oscillator. 2,736,805, 2-28-56, Cl. 250-36.
- Hollywood-Maxwell Co. *See*—
- Diogene, Henri C. J. M. 2,736,029.
- Schauer, Theo B. 2,773,261.
- Holm, Armand W., and G. M. Larson. Fisherman's deicer. 2,747,569, 5-29-56, Cl. 126-367.
- Holm, Carl, to Geo. J. Meyer Mfg. Co. Transfer roller and picking unit for labeling machine. 2,733,683, 2-7-56, Cl. 118-230.
- Holm, Elsie M. K. *See*—
- Holm, Ragnar, and E. M. K. 2,770,700.
- Holm, Ragnar, and E. M. K., to Stackpole Carbon Co. Direct current electric switching contacts. 2,770,700, 11-13-56, Cl. 200-56.
- Holm, Ralph J. *See*—
- Martin, Donald W., and Holm. 2,750,644.
- Holm, Ralph L., J. J. Dalglis, E. W. Lager, W. A. Beer, and A. C. Maloney. Quick detachable harness. 2,754,073, 7-10-56, Cl. 244-122.
- Holm, Ralph L., and D. W. Martin. Seat belt connecting link. 2,755,043, 7-17-56, Cl. 244-122.
- Holm, Roy T. *See*—
- Smith, Curtis W., and Holm. 2,735,864.
- Smith, Curtis W., and Holm. 2,744,928.
- Smith, Curtis W., and Holm. 2,744,929.
- Smith, Curtis W., and Holm. 2,761,883.
- Smith, Curtis W., and Holm. 2,773,101.
- Holm, Sven, to The Air Preheater Corp. Regenerative heat exchanger with reciprocable rods. 2,774,573, 12-18-56, Cl. 257-6.
- Holm, Vernon C. F. *See*—
- Blue, Richard W., and Holm. 2,755,318.
- Holman, Arthur J. Coolant-circulating adjustable grinding tool. 2,729,928, 1-10-56, Cl. 51-207.
- Holman Brothers Ltd. *See*—
- Holman, Richard C., Oram, and James. 2,738,769.
- Holman, George W., T. B. Laycock, Jr., and R. L. Wille, to The Frocter & Gambie Co. Catalytic interesterification. 2,738,273, 9-12-56, Cl. 99-118.
- Holman, Herbert E., and L. J. White, to Electric & Musical Industries Ltd. Manufacture of metal mesh screens. 2,732,288, 1-24-56, Cl. 41-42.
- Holman, John W. Cloth measuring instrument. 2,739,386, 8-27-56, Cl. 33-134.
- Holman, Keith M., and F. B. Cooper, to Aluminum Supply Co. Cut off saw. 2,767,459, 10-23-56, Cl. 29-69.
- Holman, Richard C., M. Oram, and E. B. James, to Holman Brothers Ltd. Rock drilling apparatus. 2,738,769, 8-20-56, Cl. 121-13.
- Holman, Wesley A., and R. B. Johnson, to International Business Machines Corp. Radix converting exhibitor. 2,745,093, 5-8-56, Cl. 340-332.
- Holmberg & Co. Kommanditgesellschaft *See*—
- Wurdell, Günther. 2,775,653.
- Holmberg, Gustave D. *See*—
- Flowers, Ralph C., and Holmberg. 2,769,739.
- Holmberg, Henry, to Marquette Mfg. Co. Overbed table. 2,730,419, 1-16-56, Cl. 312-316.
- Holmberg, Henry, to Marquette Mfg. Co. Pivoted top for an overbed table or the like. 2,742,836, 4-17-56, Cl. 311-38.
- Holmberg, Lawrence O. *See*—
- Poupitch, Onglesia J. 2,740,657.
- Holmberg, Morris W. *See*—
- Switcher, Ralph E. 2,756,102.
- Holmberg, Rudolph A., to International Harvester Co. Internal-combustion engine spark arrester. 2,735,511, 2-21-56, Cl. 183-72.
- Holmberg, Stanton W., to General Mills, Inc. Spray flatiron. 2,770,896, 11-20-56, Cl. 38-78.
- Holmberg, Tor F. Method for producing solid castings. 2,758,847, 8-14-56, Cl. 22-215.
- Holmboe, Lawrence S., Sr. Timber holder. 2,741,515, 4-10-56, Cl. 304-40.
- Holmboe, Lawrence S., Sr. Shore jack. 2,762,605, 9-11-56, Cl. 254-120.
- Holmbruger, Max, to Link-Belt Co. Belt conveyor take-up. 2,774,149, 10-5-56, Cl. 192-136.
- Holmes, Reynold E., and W. E. Lundquist, to Minnesota Mining & Mfg. Co. Pressure-sensitive adhesive tape. 2,730,459, 1-10-56, Cl. 117-76.
- Holmes, Reynold E., and W. E. Lundquist, to Minnesota Mining & Mfg. Co. Pressure-sensitive adhesive tape. 2,733,169, 1-31-56, Cl. 117-76.
- Holmes, Vernon E. Jar vise. 2,732,740, 1-31-56, Cl. 81-32.
- Holmes, Bradford B., to Bendix Aviation Corp. G responsive valve. 2,758,881, 7-10-56, Cl. 137-38.
- Holmes, Burton F., and H. H. Heindel, to Schultz Die Casting Co. Electric motor operation with interlocking relays and control circuits. 2,746,001, 5-15-56, Cl. 318-484.
- Holmes, David D. *See*—
- Larky, Norbert D., and Holmes. 2,742,525.
- Holmes, Elbridge R., to Crompton & Knowles Loom Works. Split shed dobby for loom. 2,741,271, 4-10-56, Cl. 139-71.
- Holmes Electric Protective Co. *See*—
- Chase, Leonard H., and Spender. 2,741,675.
- Keller, Albert G. 2,747,177.
- Loudon, Clifford L., and Riker. 2,749,537.
- Spensard, Le Roy C. 2,760,018.
- Holmes, Ellis C., and W. D. Greene. Drilling bit. 2,773,872, 12-11-56, Cl. 255-61.
- Holmes, Eugene A., III. *See*—
- Asbby, Robert M., and Holmes. 2,753,532.
- Holmes, Frank C. *See*—
- Gregory, William L., and Holmes. 2,743,324.



- Holmes, Frank G. Remote control electronic telephone dialing means. 2,742,971, 4-24-56, Cl. 179-390.
- Holmes, Gifford L., to Milwaukee Gas Specialty Co. Electromagnetic control device. 2,750,539, 6-12-56, Cl. 317-168.
- Holmes, Gifford L., to Milwaukee Gas Specialty Co. Magnet frame and coil assembly for thermoelectric safety devices and mounting therefor. 2,756,371, 7-24-56, Cl. 317-163.
- Holmes, Gifford L., to Milwaukee Gas Specialty Co. Combined permanent magnet and electromagnet assembly for thermoelectric safety devices. 2,763,277, 9-18-56, Cl. 137-68.
- Holmes, Herbert G., to Food Machinery and Chemical Corp. Rotary garden sprinkler. 2,757,046, 7-31-56, Cl. 299-69.
- Holmes-Higgin, Francis B. Sewing machines. 2,754,780, 7-17-56, Cl. 112-2.
- Holmes, John R., and A. Schwarz, to General Motors Corp. Radiator caps. 2,732,971, 1-31-56, Cl. 220-44.
- Holmes, Kenneth O.: See—
- Gunn, Kenneth C. C., and Holmes. 2,735,982.
- Holmes, Lloyd R. Internal pipe gripping tool. 2,769,655, 11-6-56, Cl. 294-94.
- Holmes, Lowell L., Jr., to General Electric Co. Magnetic tape recording device. 2,755,160, 7-17-56, Cl. 346-8.
- Holmes, Lynn C.: See—
- Gratian, Joseph W., and Holmes. 2,756,276.
- Holmes, Mark N.: See—
- Burleson, Aaron, and Holmes. 2,736,945.
- Burleson, Aaron, and Holmes. 2,771,756.
- Burleson, Aaron, and Holmes. 2,771,757.
- Holmes, Otis M.: See—
- Butler, Ernest L., and Holmes. 2,774,085.
- Holmes, Raymond S., B. C. Baldridge, J. J. O'Neill, Jr., and C. E. Silk, to Olin Mathieson Chemical Corp. Propellant. 2,771,351, 11-20-56, Cl. 52-13.
- Holmes, Richard D.: See—
- Richmond, Moscow K., and Holmes. 2,752,150.
- Holmes, Russell A.: See—
- Stevens, Franklin E., Jr., and Holmes. 2,766,316.
- Welsh, Jay Y., and Holmes. 2,757,071.
- Welsh, Jay Y., and Holmes. 2,758,012.
- Holmes, Stannard D. Container for hypodermic injection ingredients. 2,731,013, 1-17-56, Cl. 128-272.
- Holmes, Tracy S. Foot actuated, ground engaging brake for hand trucks and the like. 2,747,692, 5-29-56, Cl. 188-5.
- Holmes, Tracy S. Cargo winch. 2,759,703, 8-21-56, Cl. 254-186.
- Holmes, William R., and C. S. Godfrey, to Laporte Chemicals L. Process and apparatus for concentrating hydrogen peroxide. 2,750,844, 4-10-56, Cl. 202-54.
- Holmlund, Evar A. Expandable sanding drum. 2,770,926, 11-20-56, Cl. 51-190.
- Holmquist, Hjalmar. Shelves. 2,732,955, 1-31-56, Cl. 111-147.
- Holmquist, Gert E. O., B. E. Björklund, and A. K. Dietsch, to Telefonaktiebolaget L. M. Ericsson. Contact device for cross bar switches. 2,769,880, 11-6-56, Cl. 200-166.
- Holmquist, Nils E. F., and S. P. R. Akesson. Auxiliary device in ignition systems of combustion motors. 2,772,319, 11-27-56, Cl. 86-148.
- Holmes, Walter: See—
- Baker, Leonard, Holmes, and Williams. 2,775,448.
- Holmsten, Neil O. Lock for double hung windows and the like. 2,737,045, 3-6-56, Cl. 70-90.
- Holmsten, Neil O. Oven. 2,746,448, 5-22-56, Cl. 126-19.
- Holmström Aktiebolag: See—
- Solem, Hans. 2,761,226.
- Holmwood, Richard H., and K. E. Anderson, to International Business Machines Corp. Web assembling machine. 2,758,518, 8-14-56, Cl. 93-1.
- Holo-Flite International Inc.: See—
- Christian, Joseph D. 2,753,159.
- Holohan, Bartholomew: See—
- Pinkham, Clarence A., and Holohan. 2,748,469.
- Holopach, George, to Lockheed Aircraft Corp. Method of and apparatus for stretch forming sheet metal. 2,738,824, 3-20-56, Cl. 153-32.
- Holophane Co., Inc.: See—
- Franck, Kurt. 2,756,326.
- Franck, Kurt. 2,758,200.
- Franck, Kurt, and McPhail. 2,748,263.
- McPhail, Robert G. 2,737,577.
- Wince, Vearl S. 2,732,482.
- Wince, Vearl S. 2,732,483.
- Holritz, Edward W. Latch. 2,746,784, 5-22-56, Cl. 292-175.
- Holroyd, Eric, and N. A. Hurst, to Dunlop Tire and Rubber Corp. Apparatus for the removal of flash from a welded wheel joint. 2,739,131, 6-12-56, Cl. 96-15.
- Holroyd, Eric, and L. M. Pearce, to Dunlop Tire and Rubber Corp. Apparatus for trimming moulding spew from tire covers. 2,733,765, 7-7-56, Cl. 164-102.
- Hölscher, Heinrich, to Triumph Bekleidungs u. Textilwerke G. m. b. H. Elastic corset girdle and similar wearing apparel for women. 2,737,660, 3-13-56, Cl. 2-36.
- Hölscher, Heinrich, to Triumph Bekleidungs- und Textilwerke Gesellschaft mit beschränkter Haftung. Brassieres. 2,753,565, 7-10-56, Cl. 2-42.
- Holsclaw, Charles H. Hitch for trailers having independently pivoted wheels. 2,775,468, 12-25-56, Cl. 280-457.
- Holsing, Robert H., to The Timken Roller Bearing Co. Rock drill bit. 2,734,725, 2-14-56, Cl. 255-64.
- Holst, John, to Air Reduction Co., Inc. Trailer. 2,761,397, 9-4-56, Cl. 105-360.
- Holst, Torsten G., to Reymerholms Gamla Industri Aktiebolag. Method for ensiling vegetable and animal products. 2,753,146, 1-31-56, Cl. 89-8.
- Holstein, John H. Centrifugal pump. 2,759,427, 8-21-56, Cl. 103-83.
- Holston, Harold G. Rotary packer head. 2,751,657, 6-26-56, Cl. 25-36.
- Holston, Harry B.: See—
- Bird, Arthur F., and Holston. 2,749,568.
- Holt, Albert C., to International Business Machines Corp. India tape controlling apparatus. 2,764,639, 9-25-56, Cl. 179-100.1.
- Holt, Arthur W., to the United States of America as represented by the Secretary of Commerce. Dynamic biasing for binary pulse amplifiers. 2,739,236, 3-20-56, Cl. 230-97.
- Holt, Charlie W. Stop motion for looms. 2,771,911, 11-27-56, Cl. 139-339.
- Holt, Ethel. Brassiere. 2,763,865, 9-25-56, Cl. 2-42.
- Holt, Frederick W., Jr., to The Brown-Bridge Mills Co., Inc. Stay tape. 2,745,591, 5-15-56, Cl. 229-49.
- Holt, Frederick W., Jr., to The Brown-Bridge Mills, Inc. Method of producing a thermoplastic adhesive and product thereof. 2,746,885, 5-22-56, Cl. 117-122.
- Holt, George T.: See—
- Fitzhugh, Troy O., and Holt. 2,764,184.
- Holt, Harold S., and J. T. Maynard, to E. I. du Pont de Nemours and Co. Fluorocyanurates. 2,741,606, 4-10-56, Cl. 260-248.
- Holt, James T. M. Synchronized control for tractor cultivators. 2,726,253, 2-28-56, Cl. 97-47.01.
- Holt, John E., to The Danielson Mfg. Co. Mid-sole construction. 2,745,197, 5-15-56, Cl. 36-2.5.
- Holt, Lawrence C.: See—
- Gibson, Eugene C., and Holt. 2,735,540.
- Holt, Ralph D. Toy aircraft and launching device therefor. 2,731,767, 1-24-56, Cl. 46-75.
- Holt, Ralph D. Toy aircraft and launching device therefor. 2,731,769, 1-24-56, Cl. 46-74.
- Holt, William A. Roll-a-way bed. 2,773,269, 12-11-56, Cl. 5-152.
- Holt, William E. Floor maintenance machine having electrical ground connection. 2,733,465, 2-7-56, Cl. 15-49.
- Holt, William E. Mixing device. 2,735,663, 2-21-56, Cl. 259-75.
- Holt, William E. Dust removal system for surface treating machines. 2,740,984, 4-10-56, Cl. 15-361.
- Holt, William H. Perfume container for personal wear. 2,730,313, 1-31-56, Cl. 299-20.
- Holt, William W., Jr., to Plantation Pipe Line Co. Scraper destructor. 2,729,839, 1-10-56, Cl. 15-104.06.
- Holter, Cameron B., and C. T. Anné, to The Texas Co. Oil phase antifreeze inhibitor. 2,765,278, 10-2-56, Cl. 252-75.
- Holtermann, Hugo, to Nyegard & Co. A/S. Protamine zinc adjuvant for vaccines with prolonged action and method of preparation. 2,734,016, 2-7-56, Cl. 167-74.
- Holton, Edward C., to North American Aviation, Inc. Aircraft door installation. 2,731,221, 1-17-56, Cl. 244-129.
- Holtschulte, William F.: See—
- Drummond, Warren W., Steitz, and Holtschulte. 2,746,118.
- Holtschulte, William F., to Owens-Corning Fiberglass Corp. Apparatus for guiding and spreading fibers. 2,763,100, 9-18-56, Cl. 49-17.
- Holtz, Abe: See—
- Sading, Max, and Holtz. 2,747,392.
- Holtz, Albert G. Elevator carter. 2,737,682, 3-13-56, Cl. 16-32.
- Holtz, Clarence R. Lawn mower attachment. 2,737,771, 3-13-56, Cl. 56-253.
- Holtzberg, Frederic: See—
- Reisman, Arnold, Holtzberg, and Triebwasser. 2,758,008.
- Holtzman, Samuel J. Wood treating apparatus. 2,751,879, 6-26-56, Cl. 118-301.
- Holuh, Edward M.: See—
- Kelley, Dewitt T., Babcock, and Holuh. 2,735,796.
- Holuh, Edward M., and C. E. Hartmann, to Union Carbide and Carbon Corp. Thermochromic metal removal. 2,754,234, 7-10-56, Cl. 148-9.5.
- Holwerda, John J. Container for fishing files. 2,729,913, 1-10-56, Cl. 43-57.5.
- Holycross, Reginald R. Log-receiving trough having a rotating log-end stop and a bark-removing auger. 2,746,498, 5-22-56, Cl. 144-208.
- Holysz, Roman P., to The Upjohn Co. Oxidation of  $\Delta^{20(22)}$ -22-tertiary amino steroids. 2,752,368, 6-26-56, Cl. 260-397.3.
- Holysz, Roman P., and J. C. Babcock, to The Upjohn Co. Oxidation of steroid-enamines. 2,752,369, 6-26-56, Cl. 260-397.3.
- Holz, Bertram I., to Household Mfg. Co. Insect repellent and disinfectant device. 2,734,769, 2-14-56, Cl. 299-24.
- Holzappel, George L. Heat exchange apparatus for liquefied fuel carburetors. 2,745,727, 5-15-56, Cl. 48-184.
- Holzenthall, Leo L., E. L. D'Aquin, and E. A. Gastrock, to the United States of America as represented by the Secretary of Agriculture. Stick remover. 2,732,939, 1-31-56, Cl. 209-102.
- Holzenthall, Leo L., to the United States of America as represented by the Secretary of Agriculture. Centrifugal extractor. 2,734,635, 2-14-56, Cl. 210-67.
- Holzer, Theodore H.: See—
- Asbury, Donald C., and Holzer. 2,736,339.

- Holzer, Theodore H., and D. C. Asbury, to The Parker Appliance Co. Slide valve. 2,743,900, 5-1-56, Cl. 251-174.
- Holzer, Theodore H., and D. C. Asbury, to The Parker Appliance Co. Fluid seal element. 2,772,848, 12-4-56, Cl. 251-172.
- Holzhausen, Glen H., and W. W. Haeffliger. Knife sharpener attachment. 2,735,247, 2-21-56, Cl. 51-241.
- Holzhausen, Karl. Fuel-air mixer. 2,746,851, 5-22-56, Cl. 43-180.
- Holzmann, Hermann, to The Deutsche Gold- und Silber-Scheideanstalt vormals Roessler. Platinum recovery. 2,730,189, 1-10-56, Cl. 183-1.
- Holmer, Adolf. Cyclometer clock system. 2,762,190, 4-11-56, Cl. 58-125.
- Holzwarth, Hans: *See*—
- Schilling, August H., and Holzwarth. 2,750,739.
- Holzwarth, Hans, to Schilling Estate Co. Arrangement of explosion chambers and turbine in a plant for generating high pressure gases. 2,750,740, 6-19-56, Cl. 60-39-16.
- Holzwarth, Hans, and A. H. Schilling, to Schilling Estate Co. Explosion plant for generating working gases and process for operating same. 2,750,736, 6-19-56, Cl. 60-39-04.
- Holzwarth, Hans T., to The M. W. Kellogg Co. Thrust cylinder with integrated turbine. 2,754,955, 7-17-56, Cl. 60-35-6.
- Holzwarth, James C., to General Motors Corp. Copper-nickel-titanium alloy and process for making same. 2,752,242, 6-26-56, Cl. 75-159.
- Holzworth, Laurence T.: *See*—
- Taylor, Norman J., and Bright. 2,770,807.
- Horn, Freeman M., to North American Aviation, Inc. Apparatus for producing a continuously moving map. 2,753,552, 7-3-56, Cl. 343-1.
- Homan, John F., to Baxter Laboratories, Inc. Method of making a bail band. 2,760,262, 8-28-56, Cl. 29-513.
- Homan, Paul J., to Koppers Co., Inc. Floating, resilient sealing frame for coke oven doors. 2,744,858, 5-8-56, Cl. 202-248.
- Homan, Paul J., to Koppers Co., Inc. Side charged horizontal coke oven battery and method. 2,754,981, 7-17-56, Cl. 214-21.
- Homer, Horace H.: *See*—
- Butler, Keith H., and Homer. 2,745,811.
- Homer, Howard J.: *See*—
- Nack, Herman R., and Homer. 2,749,255.
- Novak, Leo J., Hogue, and Homer. 2,756,160.
- Homer Laughlin China Co. The: *See*—
- Ryckman, George E., to Homer Laughlin China Co. 2,770,214.
- Homestead Valve Mfg. Co.: *See*—
- Hulslander, William L. 2,748,589.
- Homeyer, August H., G. B. De La Mater, and L. A. Patterson, to Mallinckrodt Chemical Works. Method of preparing atrolactamides. 2,750,740, 6-19-56, Cl. 260-559.
- Homfeldt, Bransford R.: *See*—
- Schindler, Frank S., and Homfeldt. 2,756,804.
- Homfeldt, Bransford R., and O. J. Chlappe, to Flexonics Corp. By-pass thermostat. 2,735,621, 2-21-56, Cl. 236-34.5.
- Hommel, O. F.: *See*—
- Welsh, Regis. 2,731,912.
- Hommel-Werke G. m. b. H.: *See*—
- Franke, Georg, and Malfeld. 2,729,036.
- Hommel, William B.: *See*—
- Nordquist, Ronald E. J., and Hommel. 2,757,634.
- Hommel, William B., and K. Sundell, to American Can Co. Apparatus for gauging articles. 2,742,993, 4-24-56, Cl. 192-125.
- Hompe, Robert W.: *See*—
- Bartlett, Richard J., and Hompe. 2,751,735.
- Greer, Henry W., Hompe, and Pinel. 2,760,321.
- Homrighous, John H. Time division multiplex multi-station per line telephone system. 2,765,367, 10-2-56, Cl. 179-15.
- Hone, Frederick J. Toilet valve guide. 2,737,664, 3-13-56, Cl. 4-57.
- Hone, Frederick J. Toilet flush tank valve mechanism. 2,739,316, 3-27-56, Cl. 4-57.
- Hone, Robert E. Point locating device. 2,770,042, 11-13-56, Cl. 33-75.
- Honea, John S., to Ethyl Corp. Alkali metal purification device. 2,770,364, 11-13-56, Cl. 210-52.5.
- Honegger, Emil, to Gesellschaft zur Förderung der Forschung an der Eidgen. Techn. Hochschule. Loom. 2,759,494, 8-21-56, Cl. 139-1.
- Honer, Henry, to Western Stove Co., Inc. Grate structure for gas ranges. 2,732,838, 1-31-56, Cl. 126-215.
- Honer, Michael O. Window sun visor louver assembly. 2,755,524, 4-24-56, Cl. 20-62.
- Honey, Robert. Carton opening knife. 2,743,523, 5-1-56, Cl. 30-286.
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- Honeycutt, Earl M., and J. R. Calkins, to Sun Oil Co. Treatment of aromatic hydrocarbons. 2,775,632, 12-25-56, Cl. 260-674.
- Honeyman, Robert N., and E. G. Pekarek, to Thompson Products, Inc. Valve seat insert ring. 2,753,858, 7-10-56, Cl. 123-188.
- Honick, Kenneth R., to Simmonds Aerocessories Ltd. Densimeters for measuring the specific gravity of liquids. 2,775,126, 12-25-56, Cl. 73-453.
- Honig, Frank. Apparatus for and method of preparing textile strands by twisting, twining, wrapping and covering. 2,729,050, 1-3-56, Cl. 57-18.
- Honig, Frank. Textile package. 2,738,144, 3-13-56, Cl. 242-159.
- Honig, Richard E., to Socony Mobil Oil Co., Inc. Method of obtaining electron beam of controlled low energy. 2,737,606, 3-6-56, Cl. 313-73.
- Honing, Wilhelm, and S. Wijnberg, to Hartford National Bank and Trust Co., trustee. Flash lamp. 2,740,281, 4-3-56, Cl. 67-31.
- Honn, Francis J., to Mediglass A. G. Means for thermally aftermolding hollow thermoplastic bodies. 2,758,420, 8-14-56, Cl. 49-7.
- Honn, Francis J., to Embart Mfg. Co. Forehearth high efficiency cooling section. 2,735,229, 2-21-56, Cl. 49-54.
- Honn, Francis J., to The M. W. Kellogg Co. For the benefit of the State University of Iowa. Apparatus for spectrographic analysis. 2,769,366, 11-6-56, Cl. 88-14.
- Honn, Francis J.: *See*—
- Bezman, Irving I., and Honn. 2,734,044.
- Honn, Francis J., to The M. W. Kellogg Co. Solutions of copolymers of a perfluorochloroethylene and a fluoroethylene. 2,770,605, 11-13-56, Cl. 260-31.2.
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- Honohan, Edward J.: *See*—
- Gollagher, Merton G., and Honohan. 2,763,590.
- Honolulu Oil Corp.: *See*—
- Toll, Andrew J. 2,755,439.
- Honour, Albert E.: *See*—
- Longstreth, Joseph E., and Honour. 2,751,592.
- Honsel, Carl. Manufacture of paper bags. 2,732,774, 1-31-56, Cl. 23-23.
- Honsinger, Vernon B.: *See*—
- Bauer, Phillip F., and Honsinger. 2,733,362.
- Hood, Carl E. Fishing device. 2,770,906, 11-20-56, Cl. 43-16.
- Hood, Charles N., II: *See*—
- Ogle, Hugh M., and Hood. 2,768,345.
- Hood, E. Elliott, to Bendix Aviation Corp. Freezemeter. 2,773,378, 12-11-56, Cl. 73-17.
- Hood, E. Elliott, to Bendix Aviation Corp. Freezemeter. 2,773,379, 12-11-56, Cl. 73-17.
- Hood, Edwin E., to Bendix Aviation Corp. Two-speed coast brake for velocipedes and the like. 2,742,124, 4-17-56, Cl. 192-6.
- Hood, Edwin E., to Bendix Aviation Corp. Two-speed coaster brake for bicycles and the like. 2,765,678, 10-9-56, Cl. 74-751.
- Hood, Edwin G. Dual control mechanism. 2,770,337, 11-13-56, Cl. 192-098.
- Hood, Eugene J., to F. B. and H. E. Williams. Spring assembly for dress shoes. 2,740,134, 4-3-56, Cl. 5-351.
- Hood, George J. Dermatome having improved control. 2,730,100, 1-10-56, Cl. 128-305.
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- Hood, Glady M., and P. R. Crookshank, to Eastman Kodak Co. Photographic emulsion layer containing a 3-pyrazolidone. 2,751,297, 6-19-56, Cl. 95-7.
- Hood, Henry J., C. F. Nowack, and E. M. Van Hoesen, to Eastman Kodak Co. Film clip. 2,763,045, 9-18-56, Cl. 24-153.
- Hood, Henry J., C. F. Nowack, and E. M. Van Hoesen, to Eastman Kodak Co. X-ray processing hanger. 2,771,827, 11-27-56, Cl. 95-100.
- Hood, James M. Recording and indicating apparatus. 2,757,062, 7-31-56, Cl. 346-78.
- Hood, James M. Meter and apparatus for reading the same. 2,757,364, 7-31-56, Cl. 340-378.
- Hood, John M., to American Cyanamid Co. Anti-static rayon oils. 2,738,324, 3-13-56, Cl. 232-3.1.
- Hood, Ralph S.: *See*—
- Findlay, Gordon R., Di Pietro, and Hood. 2,760,858.
- Hood, Ralph S., to Monsanto Chemical Co. Apparatus and method for continuously casting metal ingots. 2,762,093, 9-1-56, Cl. 22-57.2.
- Hood, Ralph S., to Monsanto Chemical Co. Production of refractory metals. 2,773,759, 12-11-56, Cl. 75-84.5.
- Hood, Robert T., to Bradley and Co. Ltd. Latch construction for ironing board. 2,737,739, 3-13-56, Cl. 38-17.
- Hood, Robert T., to Bradley and Co. Ltd. Ironing boards. 2,772,493, 12-4-56, Cl. 38-121.
- Hood, V. R., Jr. Cup and saucer. 2,765,640, 10-9-56, Cl. 65-5.
- Hooft, Henter E., to Royal McBee Corp. Keysort keypunch. 2,735,490, 2-21-56, Cl. 164-112.
- Hoog, Han, and P. V. Spijker, to Shell Development Co. Production of plasticizers. 2,754,321, 7-10-56, Cl. 260-475.
- Hoogendoorn, Johan W., to Stamcarbon N. V. Transport of metals in liquid form. 2,756,685, 7-31-56, Cl. 103-260.
- Hoogendoorn, Harold W. Knockdown bicycle frame. 2,746,769, 5-22-56, Cl. 280-287.
- Hoogerhyde, Arthur, to Westinghouse Air Brake Co. Time locking control apparatus for railways. 2,742,563, 4-17-56, Cl. 246-160.
- Hoogerhyde, Arthur, to Westinghouse Air Brake Co. Pro-motors for preventing momentary loss of track circuit shunt. 2,754,414, 7-10-56, Cl. 246-41.
- Hoogerhyde, Arthur, to Westinghouse Air Brake Co. Two wire-four indication railway signal control system. 2,763,452, 9-18-56, Cl. 246-46.



- Hoogstool, Leon E., and C. A. Ross, to Norton Co. Packaging device. 2,744,624, 5-8-56, Cl. 206-65.
- Hook, Benton A. Engine ignition control. 2,732,833, 1-31-56, Cl. 123-117.
- Hook, Charles H., and W. W. Miller. Burners for gas fired boilers. 2,771,131, 11-20-56, Cl. 158-114.
- Hook, Edwin O.: See—
- Beegle, Lindley C., Funk, and Hook. 2,737,492.
- Kennerly, George W., and Hook. 2,739,122.
- Pesso, James B., and Hook. 2,734,864.
- Pesso, James B., and Hook. 2,734,865.
- Hook, Edwin O., and L. C. Beegle, to American Cyanamid Co. Tall oil pitch-phosphorus sulfide reaction product and metallic salts as dispersants for lubricating oil. 2,731,415, 1-17-56, Cl. 252-32.7.
- Hook, Edwin O., and J. B. Pesso, to American Cyanamid Co. Stabilized lubricating composition. 2,734,866, 2-14-56, Cl. 252-32.7.
- Hook, Harvey E.: See—
- Bergstrom, Roland F., Hodgson, and Hook. 2,770,530.
- Hooker, Donald E., to R. T. Moloney. Galvanometric device and circuit. 2,734,166, 2-7-56, Cl. 324-62.
- Hooker Electrochemical Co.: See—
- Hooker, Thomas, and Miller. 2,750,002.
- Kimball, Richard H. 2,767,224.
- Kircher, Morton S. 2,762,765.
- Klaude, Aylmer H., and Rosenberg. 2,742,506.
- McNaughtan, Thomas J. 2,734,031.
- Robitschek, Paul, and Bean. 2,752,361.
- Robitschek, Paul, and Stormon. 2,731,431.
- Rucker, John T., and Stormon. 2,760,997.
- Shepard, Alvin F. 2,732,368.
- Thornberg, Joseph E., and Sonia. 2,740,813.
- Hooker, Harwood D.: See—
- Harman, Gerald J., Hooker, and Rummel. 2,769,572.
- Harman, Gerald J., Hooker, and Rummel. 2,769,575.
- Hooker, Samuel A. Hydraulic leveling device. 2,770,914, 1-12-56, Cl. 45-86.
- Hooker, Thomas, and R. H. Miller, to Hooker Electrochemical Co. Method for chlorine recovery. 2,750,002, 6-12-56, Cl. 183-115.
- Hookham, Albert J., to Rotax Ltd. Voltage regulators for electric current generators. 2,769,134, 10-30-56, Cl. 322-23.
- Hookham, George, to John Miles and Partners (London) Ltd. Magnetically lifted charging bucket. 2,737,409, 3-6-56, Cl. 294-65.5.
- Hooks, Jordan K. Planting and side dressing attachment for tractors. 2,766,708, 10-16-56, Cl. 111-59.
- Hoops, Robert M., to Southwestern Petroleum Co., Inc. Fire-resistant protective coating. 2,734,827, 2-14-56, Cl. 106-15.
- Hoop, Morris E.: See—
- Hamilton, Merrill V., and Hoop. 2,745,663.
- Hoopes, Andrew E., and J. W. Curry. Magnetic assembly toy. 2,767,517, 10-23-56, Cl. 46-241.
- Hooper, Charles K.: See—
- McAdie, Colin H., and Hooper. 2,770,764.
- Hooper, Clinton E. Auxiliary drive. 2,740,852, 4-3-56, Cl. 200-19.
- Hooper, Edward T., Jr., to the United States of America as represented by the Secretary of the Navy. Combination control and reference circuit for a magnetic amplifier. 2,753,517, 7-3-56, Cl. 323-89.
- Hooper, Edward T., Jr., to United States of America as represented by the Secretary of the Navy. Half-wave bridge magnetic amplifier. 2,754,473, 7-10-56, Cl. 323-89.
- Hooper, Garner J. Vacuum tube with replacement filaments. 2,740,916, 4-3-56, Cl. 313-270.
- Hooper, John F., and B. T. Briggs, to Rayonier Inc. Method of pulp production. 2,747,985, 5-29-56, Cl. 92-11.
- Hooper, Leslie J., and C. R. Kronm, to Crompton & Knowles Loom Works. Liquid picking mechanism. 2,773,517, 12-11-56, Cl. 139-142.
- Hooper, Robert, to Bonton Molding Co. Method of making atomizers. 2,728,981, 1-3-56, Cl. 29-525.
- Hoopes, Harry W., to Pacco Products Inc. Reinforced continuous insulating material and method of preparation thereof. 2,747,994, 5-29-56, Cl. 92-3.
- Hoopes, Owen D.: See—
- Engel, Marvin J., Hoopes, and Sillery. 2,756,635.
- Hoopes, Owen D., and J. B. Sillery, to the United States of America as represented by the Secretary of the Army. Coking mechanism for a slide block cannon. 2,751,819, 6-26-56, Cl. 89-27.
- Hoopingarnier, Revere G. Pickup cloth for lawn debris. 2,749,695, 6-12-56, Cl. 56-1.
- Hooper, Sterling M. Key for opening cans. 2,747,764, 5-29-56, Cl. 220-52.
- Hooven, Frederick J., to Ford Motor Co. Rear axle system for passenger cars. 2,753,190, 7-3-56, Cl. 280-112.
- Hoover, Charles D., to Tokheim Corp. Diaphragm structure and device embodying it. 2,751,850, 6-26-56, Cl. 103-150.
- Hoover Co., The: See—Continued
- Brace, George A. 2,758,667.
- Brace, George A. 2,758,668.
- Brace, George A. 2,758,669.
- Brace, George A. 2,763,887.
- Brace, George A. 2,770,059.
- Coons, Curtis C. 2,766,843.
- Cropley, William D. 2,751,041.
- Grove, Frank C. 2,770,424.
- Duff, Jack E. 2,739,610.
- Dunn, Harold G. 2,732,700.
- Dunn, Harold G. 2,750,656.
- Dunn, Harold G., Sibbald, and Haydon. 2,734,366.
- Gerber, Dale C. 2,730,753.
- Gerber, Dale C. 2,734,214.
- Gerber, Dale C. 2,758,321.
- Haydon, Edward K. 2,755,650.
- Humphrey, Warren A. 2,740,988.
- Humphrey, Warren A. 2,766,844.
- Hurd, Claud C. 2,734,595.
- Hurd, Claud C. 2,766,842.
- Kaufman, George E. 2,734,219.
- Kaufman, George E. 2,740,985.
- Kaufman, George E. 2,750,618.
- Kaufman, George E. 2,758,431.
- Kaufman, George E. 2,766,972.
- Kirsch, Carl W. 2,731,473.
- Kirsch, Carl W. 2,755,538.
- Kitto, William H. 2,770,001.
- Koch, Roy F. 2,734,212.
- Krammes, Beverly B. 2,750,696.
- La Briere, Nelson W. 2,730,750.
- Paylie, Mary C. 2,755,884.
- Reid, Carl R. 2,741,738.
- Ripple, Melvin H. 2,730,901.
- Ripple, Melvin H. 2,741,488.
- Ripple, Melvin H. 2,770,138.
- Seck, Werner G. 2,730,752.
- Seck, Werner G. 2,731,106.
- Seck, Werner G. 2,739,666.
- Seck, Werner G. 2,743,787.
- Seck, Werner G. 2,749,633.
- Segesman, Louis E. 2,747,215.
- Segesman, Louis E. 2,753,025.
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- Stahl, Maurice D. 2,747,217.
- Sutton, Otis B. 2,769,994.
- Swann, Edward R. 2,763,499.
- Tschudy, Donald B. 2,733,220.
- Tschudy, Donald B. 2,747,216.
- Vance, John E. 2,734,211.
- Vance, John E. 2,734,218.
- Vance, John E. 2,738,538.
- Vance, John E. 2,763,075.
- Vance, John E., and Ripple. 2,766,971.
- Warburton, Kenneth R. 2,731,040.
- White, Adam W. 2,750,784.
- Wison, Herbert W. 2,734,215.
- Ziegler, Brandt F., Jr. 2,747,683.
- Hoover, Edwin W.: See—
- Fellows, Richard A., Hoover, and Brown. 2,738,318.
- Hoover, Elwood C. Automobile fishing pole holder. 2,739,748, 3-27-56, Cl. 224-42.45.
- Hoover, Frank G., H. E. McColeague, and C. H. Free. Garment finishing apparatus. 2,772,039, 11-27-56, Cl. 223-73.
- Hoover, Elwood C., to Armco Steel Corp. Method of paving pipe. 2,746,090, 5-22-56, Cl. 18-59.
- Hoover, Lawrence E. de S., to General Cap and Container Corp. Cartridge for grease gun. 2,744,658, 5-8-56, Cl. 222-95.
- Hoover, Martin L., to The National Cash Register Co. Luminous rod read-out device. 2,765,458, 10-2-56, Cl. 340-332.
- Hoover, Merle M.: See—
- Ryno, Earle R., and McKillop. 2,771,184.
- Hoover, Merle W., to Radio Corp. of America. Electrode probe mechanism. 2,734,144, 2-7-56, Cl. 313-273.
- Hoover, Vaino A. Ventilated explosion-proof dynamoelectric machine. 2,736,826, 2-28-56, Cl. 310-88.
- Hooverson, Charles P., and M. H. Schumer, to General Motors Corp. Retractable rear window for an automobile. 2,747,924, 5-29-56, Cl. 296-56.
- Hope, Stanley C., to Gilbert & Barker Mfg. Co. Oil dispensing receptacle. 2,744,656, 5-8-56, Cl. 222-82.
- Hope, William D., to the United States of America as represented by the Secretary of the Navy. Balanced mixer. 2,754,416, 7-10-56, Cl. 250-20.
- Hopner, Albert H., Jr., and J. A. Bohnsack, to Hopeman Bros., Inc. Folding berth construction. 2,741,779, 4-17-56, Cl. 5-9.
- Hopeman Bros., Inc.: See—
- Hopeman, Albert A., Jr., and Bohnsack. 2,741,779.
- Hopff, Heinrich, O. von Schikh, and H. J. Riedl, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Production of oximes. 2,745,166, 5-29-56, Cl. 230-566.
- Hopgood, Robert B., to The Eylet Specialty Co. Cosmetic container. 2,766,876, 10-16-56, Cl. 206-56.
- Hopkins, Arthur C. Spray gun. 2,759,772, 8-21-56, Cl. 299-140.
- Hopkins, David W., to R.-S. Products, Corp. Variable stroke cushioned valves. 2,761,424, 9-4-56, Cl. 121-38.
- Hopkins, Ervin W.: See—
- Blick, Philip, and Hopkins. 2,752,248.

- Hopkins, Evan L. Aerated live bait bucket assembly. 2,767,510, 10-23-56, Cl. 43-57.
- Hopkins, Frank L.: *See—*
- Kindseth, Harold V. Hopkins, and Fox. 2,766,001.
- Hopkins, Frank L., to Bemis Bro. Bag Co. Mechanical clutching and braking device for sewing machines. 2,758,556, 8-14-56, Cl. 112-11.
- Hopkins, Frank L., to Bemis Bro. Bag Co. Apparatus for feeding bulk material and control therefor. 2,772,847, 12-4-56, Cl. 149-9.
- Hopkins, Frank L., and L. Steinberg, to Bemis Bro. Bag Co. Bag filling machine. 2,758,765, 8-14-56, Cl. 226-59.
- Hopkins, George H.: *See—*
- Jacobs, Clifton N., and Hopkins. 2,751,320.
- Hopkins, George V., to Friden Calculating Machine Co., Inc. Calculating machine. 2,770,416, 11-13-56, Cl. 235-61.
- Hopkins, Harold H., to W. Watson & Sons Ltd. Variable magnification optical systems. 2,741,155, 4-10-56, Cl. 88-57.
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- Hopkins, Heber A. Top roll. 2,731,678, 1-24-56, Cl. 19-142.
- Hopkins, Herbert G. Machine for depositing tubes in the ridge between feeder ditches and furrows. 2,743,687, 5-1-56, Cl. 111-5.
- Hopkins, Luther H., to International Harvester Co. Counter-balanced drive means for harvesters. 2,745,238, 5-15-56, Cl. 56-296.
- Hopkins, Mark C.: *See—*
- Schapiro, Sylvan B., and Hopkins. 2,768,934.
- Hopkins, Richard B. Leaf spring mounting of tractor drive wheels. 2,751,993, 6-26-56, Cl. 180-71.
- Hopkins, Richard B., to E. H. Lutz, to Louis Marx & Co., Inc. Toy water gun. 2,754,997, 7-17-56, Cl. 222-79.
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- Hopkins, Stephen, to The Texas Co. Exhaust ports for internal-combustion engines. 2,731,004, 1-17-56, Cl. 123-65.
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- Hopkinson, David B.: *See—*
- Love, George D., and Hopkinson. 2,756,462.
- Hopkinson, F. I.: *See—*
- Norman, Clifton E. 2,759,079.
- Hopkinson, Harold, to Carding Specialists (Canada) Ltd. Machines for treating textile materials. 2,774,112, 12-18-56, Cl. 19-142.
- Hopla, Lloyd M. Guide device for portable power saws. 2,773,523, 12-11-56, Cl. 143-6.
- Hoplopainen, Vaino J., to Wain-Roy Corp. Power operated shovels. 2,768,759, 10-30-56, Cl. 214-138.
- Hopp, Philip, and E. H. Lutz, to The Hopp Press Inc. Display tag assembly. 2,763,947, 9-23-56, Cl. 40-10.
- Hopp Press Inc.: *See—*
- Greenberger, William. 2,756,525.
- Hopp, Philip, and Lutz. 2,763,947.
- Lutz, Harry H., and Greenberger. 2,770,898.
- Hoppe, Georg, to Siemens-Schuckertwerke Aktiengesellschaft. Method and apparatus for precipitating metal from the vaporous state onto plates, particularly for the production of selenium coated rectifier plates. 2,768,098, 10-23-56, Cl. 117-20.
- Hoppe, Peter: *See—*
- Brochhaus, Franzkarl, Hoppe, and Paffrath. 2,753,276.
- Hoppe, Peter, E. Weinbrenner, C. Muhlhausen, and K. Breer, to Farbenfabriken Bayer Aktiengesellschaft. Process and apparatus for the manufacture of polyurethane plastics. 2,764,565, 9-25-56, Cl. 260-25.
- Hoppe, William, to Package Machinery Co. Wrapping machines. 2,744,371, 5-8-56, Cl. 53-230.
- Hopper, Allen O., to Turbine Equipment Co. System for handling metal chips and extracting oil therefrom. 2,731,151, 1-17-56, Cl. 210-68.
- Hopper, Harold M. Cigarette lighter attachment. 2,739,217, 3-20-56, Cl. 219-32.
- Hopper, Robert J., and N. Lamont, to Del Mar Engineering Laboratories, Inc. Reeling apparatus for controlling a tow cable from an aircraft. 2,751,167, 6-19-56, Cl. 244-1.
- Hoppert, Filser D.: *See—*
- Hawthorne, Herman F., and Hoppert. 2,729,975.
- Hornbert, Herman J., to The Lowell Parker Electric Co. Roll gripping means for an industrial truck. 2,752,055, 6-26-56, Cl. 214-652.
- Hoppmann, William H. II. Apparatus for making impact tests. 2,763,148, 9-18-56, Cl. 73-12.
- Hopson, Howell H., and C. Davidoff, said Davidoff to said Hopson. Device for the evaporation of liquids. 2,766,066, 10-9-56, Cl. 226-9.
- Hopta, Joseph. Tool element locking means for foldable tools. 2,728,984, 1-3-56, Cl. 30-161.
- Hopton, Alan, and A. Russell, to The Forgrave Machinery Co. Ltd. Packaging mechanism. 2,739,433, 3-27-56, Cl. 53-250.
- Hopton, Alan, and A. Russell, to The Forgrave Machinery Co. Ltd. Transfer mechanism for wrapping machine. 2,753,974, 7-10-56, Cl. 53-24.
- Hopwood, Charles E., to Bethlehem Steel Co. Piler for sheet steel. 2,739,514, 3-27-56, Cl. 93-93.
- Hopwood, Herbert, to The Birmingham Small Arms Co. Ltd. Lubrication means for internal combustion engines. 2,754,814, 7-17-56, Cl. 123-196.
- Horak, Robert J., to E. I. du Pont de Nemours and Co. Photographic printing exposure control. 2,764,060, 9-25-56, Cl. 88-24.
- Horback, William B., to Celanese Corp. of America. Heat seaming lacquer coated film and method of producing same. 2,770,559, 11-13-56, Cl. 137-75.
- Horeczy, Joseph T., and H. G. Boynton, to Esso Research and Engineering Co. Hydrolysis of alkyl chlorides in hydrocarbons. 2,761,888, 9-4-56, Cl. 260-676.
- Horn, Robert J., to Deere & Co. Transplanter. 2,751,805, 6-26-56, Cl. 111-2.
- Horgan, George D.: *See—*
- Bell, Arthur, and Horgan. 2,760,493.
- Horii, Shinjiro. Stencil sheets. 2,756,161, 7-24-56, Cl. 19-20.
- Horichi, Tsukasa. Life saving suit. 2,761,154, 9-4-56, Cl. 9-20.
- Horizons Inc.: *See—*
- Freedman, Meyer L., and Levitin. 2,766,119.
- Wainer, Eugene. 2,762,691.
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- Horizons Titanium Corp.: *See—*
- McKenna, Quentin H. 2,772,946.
- Raynes, Bertrand C., and Sibert. 2,773,023.
- Steinberg, Morris A., and Wainer. 2,750,259.
- Topinka, Alfred A., McKenna, and Carlton. 2,731,402.
- Wainer, Eugene. 2,731,404.
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- Young, Thomas R., and Somerville. 2,731,405.
- Young, Thomas R., and Somerville. 2,731,406.
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- Horlacher, Albert F., to C. P. Clare & Co. Relay. 2,764,654, 9-25-56, Cl. 200-168.
- Horlacher, Albert F., to C. P. Clare & Co. Relay. 2,764,656, 9-25-56, Cl. 200-168.
- Horle, Ulrich: *See—*
- Aughausen, Ernst, Horlein, and Bauer. 2,734,846.
- Horlein, Ulrich, to Schenley Industries, Inc. Derivatives of 2-n-methyl-1,2,3,4-tetra-hydro-gamma-carbolines. 2,759,943, 8-21-56, Cl. 260-294.8.
- Horlenko, Theodore, F. B. Marcotte, and O. V. Luke, to Celanese Corp. of America. Production of chlorinated compounds. 2,770,661, 11-13-56, Cl. 260-658.
- Horman, Alfred E. Pallet loading machine. 2,768,756, 9-25-56, Cl. 214-138.
- Horman, John H., and E. C. Hoell, to Allied Control Co., Inc. Contact structure for relays and the like. 2,749,396, 6-5-56, Cl. 200-1.
- Horman, John H., and E. C. Hoell, to Allied Control Co., Inc. Electromagnetic relay. 2,749,403, 6-5-56, Cl. 200-104.
- Hornat, Abraham I., to Sta-Dri Inc. Moisture-proofing of porous masonry. 2,757,159, 7-31-56, Cl. 260-337.
- Hornel, Geo. A. C.: *See—*
- Murphy, Laurence W. 2,733,477.
- Horn, Birgit, to Cabinet. 2,736,627, 2-28-56, Cl. 312-213.
- Horn, Carl A. Connection protector. 2,754,488, 7-10-56, Cl. 339-108.
- Horn, Charles H. Emergency diaphragm for air brakes and the like. 2,770,799, 11-13-56, Cl. 340-242.
- Horn, Edward P.: *See—*
- Ballard, Clayton A., and Horn. 2,732,184.
- Horn, Edward P., to The Air Preheater Corp. Expansion compensating pedestal. 2,761,689, 9-4-56, Cl. 248-17.
- Horn, Edward P., to The Air Preheater Corporation. High pressure circumferential seal. 2,766,970, 10-16-56, Cl. 257-6.
- Horn, Frank W., and E. O. Hiller, to Potter-Horn, Inc. Hand plane. 2,762,409, 9-11-56, Cl. 145-5.
- Horn, Harry. Motor Wheel Corp. Vehicle wheel. 2,734,779, 2-14-56, Cl. 301-37.
- Horn, Harry J., to Motor Wheel Corp. Brake drum. 2,750,012, 6-12-56, Cl. 188-218.
- Horn, Harry J., to Motor Wheel Corp. Simulated wire wheel. 2,767,027, 10-16-56, Cl. 301-37.
- Horn, Harry J., and J. A. Watson, to Motor Wheel Corp. Brake drum. 2,738,038, 3-13-56, Cl. 188-218.
- Horn, Heinz, to Felten & Guilleaume Carlswerk A. G. Device for compounding stranded conductors. 2,751,069, 1-17-56, Cl. 154-226.
- Horn, Heinz, to Felten & Guilleaume Carlswerk Aktiengesellschaft. Submarine cable. 2,754,351, 7-10-56, Cl. 174-105.
- Horn, Heinz, to Felten & Guilleaume Carlswerk A. G. Method of extruding elongated members. 2,755,926, 7-24-56, Cl. 207-10.
- Horn, Josef, to Keuffel & Esser Co. Machine for developing diazotype prints. 2,737,100, 3-6-56, Cl. 95-94.
- Horn, Morl E.: *See—*
- Tremblay, Bernard G., and Horn. 2,735,046.
- Horn, Robert S., Jr., and R. F. Patt, to Hans C. Rick, Inc. Method of applying nylon finish to garments. 2,746,941, 5-22-56, Cl. 260-9.
- Horn, Willib. to Ernst Leitz G. m. b. H. Interferometer. 2,745,310, 5-15-56, Cl. 88-14.
- Hornberger, Clarence L., to Armstrong Cork Co. Speed regulator. 2,760,734, 8-28-56, Cl. 242-75.
- Hornberger, Clarence L., and D. B. Hummel, to Armstrong Cork Co. Counting device. 2,761,361, 9-4-56, Cl. 93-93.
- Hornbostel, Lloyd, to Beloit Iron Works. Section pick-up and transfer press for paper machines. 2,732,772, 1-31-56, Cl. 92-49.



- Hornbostel, Lloyd, to Beloit Iron Works. Vane type stock inlet. 2,736,247, 2-28-56, Cl. 92—44.
- Hornbostel, Lloyd, to Beloit Iron Works. Reverse press assembly. 2,744,453, 5-8-56, Cl. 92—49.
- Hornbostel, Lloyd, to Beloit Iron Works. Separator-pumping operation for paper stock. 2,748,608, 6-5-56, Cl. 92—28.
- Hornbostel, Lloyd, to Beloit Iron Works. Separator-pumping. 2,749,031, 6-5-56, Cl. 233—20.
- Hornbostel, Lloyd,  $\frac{1}{2}$  to R. Hornbostel and  $\frac{1}{2}$  to L. Hornbostel, Jr. Perforated drum type liquid filter. 2,752,045, 6-26-56, Cl. 210—199.
- Hornbostel, Lloyd, to Beloit Iron Works. Inlet level control for papermaking machine. 2,761,558, 9-4-56, Cl. 92—43.
- Hornbostel, Lloyd, Jr.: *See—*
- Hornbostel, Lloyd. 2,752,045.
- Hornbostel, Rogers: *See—*
- Hornbostel, Lloyd. 2,752,045.
- Hornbuckle, Joseph I. Automatic voltage control apparatus. 2,738,439, 3-13-56, Cl. 315—3.
- Horne, Frederick F. Pumice-containing composition for treating soil. 2,765,291, 10-2-56, Cl. 260—41.
- Horne, William A.: *See—*
- Gwyn, Bernard H., and Horne. 2,747,986.
- Horner, Albert, to Hawaiian Canneries Co., Ltd. Apparatus for palletizing cans. 2,732,957, 1-31-56, Cl. 214—8.
- Horner, Albert, and P. E. Story, to Hawaiian Canneries Co., Ltd. Apparatus for handling cans. 2,732,956, 1-31-56, Cl. 21—1.
- Horner, Herbert F., Jr.: *See—*
- Ertsgaard, Byron L., and Horner. 2,746,315.
- Horner, John D.: *See—*
- Sabaroiff, Albert R., Freed, and Horner. 2,730,254.
- Hornneck, Anthony J.: *See—*
- English, James F., Jr., and Hornneck. 2,744,223.
- MacLarow, George R., and Hornneck. 2,730,304.
- Hornneck, Anthony J., to Bailey Meter Co. Supervisory system for condition responsive motor control indicator. 2,761,124, 8-28-56, Cl. 340—213.
- Hornneck, Anthony J., to Bailey Meter Co. Electric servo system for measuring and control. 2,774,019, 12-11-56, Cl. 313—28.
- Hornig, Donald F. Double beam ratio measuring spectrophotometer. 2,761,350, 9-4-56, Cl. 88—14.
- Horning, Raymond H., to Oswego Falls Corp. Container. 2,737,353, 3-6-56, Cl. 229—5.5.
- Horne, Hugo W. Fish net float. 2,731,759, 1-24-56, Cl. 43—43.1.
- Hornschuch, Hanns, to Ingersoll-Rand Co. Sealing device for pumps. 2,730,954, 1-17-56, Cl. 103—111.
- Hornschuch, Hanns, to Ingersoll-Rand Co. Sealing device. 2,764,343, 9-25-56, Cl. 286—15.
- Hornstein, Victor, and K. Scheidel,  $\frac{1}{2}$  to Jagenberg-Werke Akt.-Ges. Means for longitudinally slitting webs of paper or other flexible material. 2,774,425, 12-18-56, Cl. 164—60.
- Hornsteiner, Maximilian. Suction-operated devices for picking up flat flaking boxes from a pile. 2,760,415, 8-28-56, Cl. 93—53.
- Hornung, George G.: *See—*
- Moore, Robert T., and Hornung. 2,744,487.
- Hornung, Stephen A.: *See—*
- Glaser, William F., and Hornung. 2,761,528.
- Hornung, Stephen A., to Otis Elevator Co. Elevator control system testing apparatus. 2,734,598, 2-14-56, Cl. 167—29.
- Horowitz, Alexander, to N. V. Ontwikkelingsmaatschappij "Polynorm." Proliferated covering element of channel shaped cross section for walls, roofs and the like. 2,765,887, 10-9-56, Cl. 189—86.
- Horowitz, Alexander, and F. Termaat, to N. V. Ontwikkelingsmaatschappij "Polynorm." Junction of intersecting sheet metal supporting members. 2,745,522, 5-15-56, Cl. 189—36.
- Horowitz, Harry, and A. Schneiderman. Toy guns. 2,737,942, 3-13-56, Cl. 124—37.
- Horowitz, Isadore, to Universal Mfg. Co., Inc. Brace attachment for playground apparatus. 2,771,615, 11-27-56, Cl. 5—130.
- Horowitz, Leopold A., and G. C. Hermeling, Jr., to Radio Corp. of America. V. H. F.-U. H. F. receiver having local oscillator convertible to an I. F. stage. 2,750,496, 6-12-56, Cl. 25—20.
- Horowitz, Ruth G. Typewriter ribbon reinking device. 2,743,470, 5-1-56, Cl. 15—138.
- Horrell, Maurice W., to the United States of America as represented by the Secretary of the Air Force. Quadrant signal generator. 2,738,494, 3-13-56, Cl. 340—212.
- Horrell, Maurice W., to Aerograph Corp. Apparatus for indicating and/or recording pressure conditions. 2,771,555, 11-20-56, Cl. 250—27.
- Hrobin, Sydney, to Imperial Chemical Industries Ltd. Catalytic dehydrogenation of piperidine to pyridine. 2,765,310, 10-2-56, Cl. 260—290.
- Hrobin, Sydney, and R. J. Young, to Imperial Chemical Industries Ltd. Dehydrogenation of piperidine to pyridine. 2,765,311, 10-2-56, Cl. 260—290.
- Horrom, Bruce W., and A. H. Sommers, to Abbott Laboratories. Synthesis of thiamorpholine. 2,761,860, 9-4-56, Cl. 260—243.
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- Horseling, Jan: *See—*
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- Horsfield, Basil T., and D. P. Keller, to Reynolds Metals Co. Electrolytic cell with self-baking anode. 2,739,113, 3-20-56, Cl. 204—243.
- Horsley, Lee H., and E. C. Britton, to The Dow Chemical Co. Tetrahydroxy polyalkylene ethers of glycerol. 2,733,272, 1-31-56, Cl. 260—615.
- Horsley, Lee H., V. S. Morello, and N. Poffenberger, to The Dow Chemical Co. Aromatic hydrocarbons by solvent extraction with a solvent of diethylene glycol and water. 2,770,684, 11-13-56, Cl. 260—674.
- Horst, Harry A. Hook guard. 2,743,547, 5-1-56, Cl. 43—54.5.
- Horst, Paul V. Shoring clamp. 2,737,363, 3-6-56, Cl. 248—354.
- Horst, William R.: *See—*
- Ballard, James W., and Horst. 2,767,974.
- Ernst, Walter, and Horst. 2,754,107.
- Horst, William R., and J. W. Ballard, to The Commonwealth Engineering Co. of Ohio. Weighing device. 2,767,975, 10-23-56, Cl. 265—70.
- Horstemeier, Waldemar: *See—*
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- Horton Aircraft Corp.: *See—*
- Horton, William B. 2,734,701.
- Horton, Avery T., to the United States of America as represented by the Secretary of Commerce. Apparatus for growing single crystals and purifying substances. 2,754,180, 7-10-56, Cl. 23—273.
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- Horton, Erwin C., to Trico Products Corp. Window raiser. 2,729,444, 1-3-56, Cl. 268—26.
- Horton, Erwin C., to Trico Products Corp. Windshield wiper arm. 2,738,535, 3-20-56, Cl. 15—255.
- Horton, Erwin C., to Trico Products Corp. Windshield clearing system. 2,763,023, 9-18-56, Cl. 15—250.4.
- Horton, Erwin C., to Trico Products Corp. Windshield wiper. 2,766,474, 10-16-56, Cl. 15—245.
- Horton, Erwin C., to Trico Products Corp. Windshield wiper blade. 2,767,419, 10-23-56, Cl. 15—245.
- Horton, Donelson B., and D. Johnston, to John Blue Co., Inc. Variable capacity metering pump. 2,771,846, 11-27-56, Cl. 103—203.
- Horton, Hugh K. Type setting gauge. 2,758,384, 8-14-56, Cl. 33—183.
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- Anderson, Arthur G., and Horton. 2,757,359.
- Anderson, Arthur G., and Horton. 2,759,170.
- Horton, Paul M., and A. G. Keller, to Board of Supervisors of Louisiana State University and Agricultural and Mechanical College. Process for separating fibrous vegetable materials into pith and fiber portions. 2,729,556, 1-10-56, Cl. 19—7.
- Horton, Paul M., and A. G. Keller, to Board of Supervisors of Louisiana State University and Agricultural and Mechanical College. Apparatus for processing fibrous vegetable materials. 2,729,858, 1-10-56, Cl. 19—90.
- Horton, Erwin C., to American Cyanamid Co. Thiamine hydrochloride (vitamin B<sub>1</sub>). 2,770,623, 11-13-56, Cl. 260—256.6.
- Horton, William B., to Horton Aircraft Corp. Airplane with retractable variable-incidence wings. 2,734,701, 2-14-56, Cl. 244—43.
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- Horton, William G. Display and like devices. 2,769,553, 11-5-56, Cl. 211—87.
- Horton, Winthrop S., and C. J. Lucia, to Studebaker-Packard Corp. Marine propulsion mechanism. 2,769,420, 11-6-56, Cl. 115—34.
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- Horvath, Alexander, to International Telephone and Telegraph Corp. High Q frequency tuner. 2,753,530, 7-8-56, Cl. 333—73.
- Horvath, Alexander, H. Van Elkan, and R. H. Bresk, to International Telephone and Telegraph Corp. High voltage switch. 2,760,015, 8-21-56, Cl. 200—6.
- Horvath, Anthony G., W. H. Kuner, and R. L. Wolfe, to The Master Electric Co. Motor. 2,744,202, 5-1-56, Cl. 310—71.
- Horvath, Artemy A. Method of forming a confection and the resulting product. 2,740,720, 4-3-56, Cl. 99—134.
- Horvath, Guy E., to Raybestos-Manhattan, Inc. Packing rings. 2,762,640, 9-11-56, Cl. 288—18.
- Horvath, Joseph P., to Vickers Inc. Hydraulic power transmission for overrunning load. 2,741,895, 4-17-56, Cl. 60—53.
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- Horvay, Julius B., to General Electric Co. Refrigerator cabinet. 2,758,450, 8-14-56, Cl. 62-103.
- Horvay, Julius B., and G. C. Harbison, to General Electric Co. Adjustable baffle for a refrigerator. 2,754,663, 7-17-56, Cl. 62-103.
- Horvitz, Gerald J., to F. H. Morse, G. J. Horvitz, and B. Sack. Carbon electrodes. 2,764,539, 9-25-56, Cl. 204-37.
- Horwitz, Henry L., and G. L. Hasser, to International Telephone and Telegraph Corp. Reversible call circuit. 2,765,368, 10-2-56, Cl. 179-17.
- Horwitz, Lester. *See*—
- Huetter, Bruno, Katz, and Horwitz. 2,775,599.
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- Eichholz, Geoffrey G., and Horwood. 2,733,216.
- Hoshein, Louis H., to M. H. Detrick Co. Soaking pit coping. 2,756,701, 7-1-56, Cl. 110-181.
- Hoshein, Louis H., to M. H. Detrick Co. Fan end construction for furnaces. 2,764,110, 9-25-56, Cl. 110-99.
- Höschle, Adolf, and F. Dietrich. Control apparatus for a hoisting truck. 2,765,624, 10-9-56, Cl. 60-54.5.
- Hosen, Everett E., and A. T. Godschaik, to Kaukauna Machine Corp. Electrical selector switch. 2,750,459, 6-12-56, Cl. 200-18.
- Hoseason, Harry J. Hand hole forming method for cellular floor wire distributing systems. 2,735,166, 2-21-56, Cl. 29-407.
- Hoseason, Harry J. Cellular floor structure for an electrical wire distributing system. 2,741,117, 4-10-56, Cl. 72-16.
- Hosek, Louis F. *See*—
- Nachman, Fred A., Jr., and Hosek. 2,764,226.
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- Banzhof, William S., Jr., and Hosford. 2,769,143.
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- Bevins, James E., and Hosford. 2,767,580.
- Hosford, Norman F., to Bendix Aviation Corp. Altitude warning system. 2,735,081, 2-14-56, Cl. 340-27.
- Hosford, William F. *See*—
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- Hosler, Albert E., and R. C. Butler, to The Faultless Rubber Co. Two-compartment container and method of making such container. 2,771,724, 11-27-56, Cl. 53-14.
- Hosking, Oakley W. Rubber valve stem. 2,772,714, 12-4-56, Cl. 152-450.
- Hoskins, Elvin E. Liquid level indicating gauge. 2,761,316, 9-4-56, Cl. 73-302.
- Hosley, Carlton R., to United Shoe Machinery Corp. Sewing machine feed mechanisms. 2,730,057, 1-10-56, Cl. 112-48.
- Hosmer, Ellsworth A. Carrier telephone system. 2,744,958, 8-8-56, Cl. 179-1.
- Hosmer, Ellsworth A., to Shand and Jurs Co. Telemetering system for remote indication. 2,748,373, 5-29-56, Cl. 940-151.
- Hosmer, William A., to General Aniline & Film Corp. Interhalogen adducts of polyvinyl pyrrolidone. 2,754,245, 7-10-56, Cl. 167-70.
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- Hosterman, Earl W., to The Morse Instrument Co. Vacuum photographic printing apparatus. 2,739,516, 3-27-56, Cl. 95-76.
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- Gerwig, Harvey F., Ehrhardt, Franklin, and Hosterman. 2,755,777.
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- Glenn, William E., and Hostetter. 2,751,662.
- Hostetter, John L. Self-adjusting plier-type toggle locking wrench. 2,751,801, 6-26-56, Cl. 81-84.
- Hostetter, John L. Androns. 2,764,971, 10-2-56, Cl. 126-298.
- Hosticka, Harold E., and L. R. Beckett. Symmetrical frequency doubler. 2,749,499, 6-5-56, Cl. 321-4.
- Hostutier, Ray H. *See*—
- Davis, Louis. 2,732,901.
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- Hotchiss, Allen G., to General Electric Co. Gas purification. 2,768,058, 9-25-56, Cl. 25-2.
- Hotchiss, Clifford, to General Controls Co. Voltage compensated thermal timer switch. 2,758,175, 8-7-56, Cl. 200-122.
- Hotchiss, Dean, C. V. Deckwa, and F. Pettigrew. Adjustable basket belt. 2,735,157, 2-21-56, Cl. 27-12.
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- Aller, Paul B., and Hotchiss. 2,772,374.
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- Hotine, William, to Specialties, Inc. Antibacklash gear system. 2,764,034, 9-25-56, Cl. 74-440.
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- Hotovy, Rudolf, E. Jacobl, and W. Kuessner, to E. Merck Chemical Works. Quaternary salts of belladonnine and method of making them. 2,734,062, 2-7-56, Cl. 260-292.
- Hott, Ion V. K., to The Joyce-Cridland Co. Low level oil control for hydraulic lifting mechanism. 2,763,128, 9-18-56, Cl. 60-51.
- Hott, Ion V. K., and K. E. Berk, to The Joyce-Cridland Co. Front lift superstructure of a two post lift. 2,733,777, 2-7-56, Cl. 187-8.74.
- Hott, Ion V. K., and D. M. Goldzwig, to The Joyce-Cridland Co. Foot type high lift jack. 2,742,257, 4-17-56, Cl. 254.
- Hotten, Bruce W., to California Research Corp. Poly(siloxo-glycol) grease composition. 2,756,212, 7-24-56, Cl. 252-28.
- Hotten, Bruce W., and R. E. Echols, to California Research Corp. Complex basic aluminum soap greases. 2,768,138, 10-23-56, Cl. 252-35.
- Hottenroth, Frederick W., Jr., to Standard-Thomson Corp. Bellows expansion joint with sealed casing. 2,771,311, 11-20-56, Cl. 285-299.
- Hottenstein, Carl C. *See*—
- Reed, Claude D., Felty, Hackett, and Hottenstein. 2,730,730.
- Hottiaux, Roland. Selectively positioned cam means for operating pivoted chaser carriers. 2,769,992, 11-13-56, Cl. 10-100.
- Hotz, Leo F. Fittings. 2,755,484, 7-24-56, Cl. 4-172.
- Houchins, Henry R., to The Carbundum Co. Abrasive articles and method of making same. 2,730,439, 1-10-56, Cl. 51-307.
- Houck, Hooper J., to General Motors Corp. Porous article impregnation. 2,756,200, 7-24-56, Cl. 204-37.
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- Conley, Charles C. 2,732,669.
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- Ludwig, Donald C. 2,732,615.
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- Houdack, Joseph F., Jr., to International Telephone and Telegraph Corp. Automatic intercommunication telephone system. 2,749,388, 6-5-56, Cl. 179-20.
- Houdry, Eugene J. *See*—
- Brown, William M., III, and Houdry. 2,772,147.
- Houdry, Eugene J., to Oxy-Catalyst, Inc. Catalytic contacting unit. 2,730,434, 1-10-56, Cl. 23-288.
- Houdry, Eugene J., to Oxy-Catalyst, Inc. Catalytic structure and composition. 2,742,437, 4-17-56, Cl. 252-455.
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- Houdry Process Corp. *See*—
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- Bond, George R., Jr., and Oblad. 2,754,187.
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Lecheis, Edward B., and Bondor. 2,768,131.  
Lantz, David M. 2,745,723.  
Milliken, Thomas H., Jr., and Koester. 2,769,688.  
Milliken, Thomas H., Jr., Mills, and Oblad. 2,775,638.  
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Newirth, Raymond. 2,729,350.  
Oblad, Alex G., and Heinemann. 2,760,999.  
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Shabaker, Hubert A. 2,731,424.  
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Shalit, Harold, and Weller. 2,758,956.  
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Weinrich, William W. 2,758,884.  
Wetzel, John W. 2,754,248.
- Hough, George H., and T. M. Jackson, to International Standard Electric Corp. Electric discharge tubes and circuits therefor. 2,740,921, 12-18-56, Cl. 315-84.6.  
Hough, Homer H. Pattern spraying lawn sprinkler. 2,746,792, 5-22-56, Cl. 299-18.  
Hough Soils Engineering Laboratories : See—  
Smith, Julian C. 2,729,426.  
Hough, William R., F. Dugar, and J. W. Picking, to The Reliance Electric & Engineering Co. Photographic drawing method. 2,752,245, 6-26-56, Cl. 95-5.  
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Houghton, David B. Waller of unitary construction. 2,774,404, 12-18-56, Cl. 150-38.  
Houghton, Earl S. : See—  
Mosley, Earl J. 2,762,634.  
Houghton, Edward C. : See—  
Ashley, Allan, and Houghton. 2,765,626.  
Houghton, Joseph J., to General Electric Co. Dishwasher. 2,771,893, 11-27-56, Cl. 134-57.  
Houghton, William D. : See—  
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Houghton, William D., to Radio Corp. of America. Color television. 2,734,939, 2-14-56, Cl. 318-5.4.  
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Houldsworth, Wallace M. Device for trimming, crimping and marking pipe crusts. 2,759,438, 8-21-56, Cl. 107-49.  
Houle, Leon E. Laundry tub stopper. 2,750,601, 6-19-56, Cl. 4-295.  
Houle, Robert E. Resonant type jet propulsion engines. 2,761,283, 9-4-56, Cl. 30-39.27.  
Houle, Robert E. E. Fuel feeding to resonance type jet propulsion engines. 2,765,618, 10-9-56, Cl. 60-39.28.  
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Carlson, Martin. 2,739,808.  
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Hounsell, John P. Marking or labeling machines. 2,742,854, 4-24-56, Cl. 101-43.  
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Housch, Walter M. : See—  
Mathewson, Herbert R., Housch, and Covin. 2,733,974.  
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Super, Ralph K., and House. 2,751,048.  
House, Bryan E., to Detroit Duo-Grip Brake Corp. Brake mechanism. 2,735,513, 2-21-56, Cl. 188-76.  
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House, Harry F. Folding table having height adjusting means. 2,733,971, 2-7-56, Cl. 311-83.  
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House, Perry W. : See—  
Antonidis, John E., Edmundson, Smith, and House. 2,774,881.  
Houser, Philip H., to General Electric Co. Encased electrical apparatus. 2,753,533, 7-3-56, Cl. 336-96.  
House, Ronald R., S. T. Moore, and A. M. Schiller, to American Cyanamid Co. Wet strength paper containing amino-aliphatic chain polymer resins. 2,729,560, 1-3-56, Cl. 92-3.  
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- Housley, Thomas P. Holder for game blocks. 2,773,690, 12-11-56, Cl. 273-130.  
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Houston, Wesley M., and H. W. Breathitt, Jr., to Minerals & Chemicals Corp. of America. Concentration of phosphate ores. 2,744,625, 5-8-56, Cl. 209-12.  
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Hövel, Josef : See—  
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Hövel, Margareta E. : See—  
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Hoven, Alfred C., and W. E. Nordmark, to American Seating Co. Chair with pivoted back. 2,755,844, 7-24-56, Cl. 155-156.  
Hovey, Otis W., to United States Steel Corp. Connector for flanged sheets abutting endwise. 2,736,405, 2-28-56, Cl. 189-85.  
Hovland, Howard N. : See—  
Bruehl, Thomas J., Hovland, and Verbage. 2,760,709.  
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Hovlid, Norman G. Aquarium device. 2,748,075, 5-29-56, Cl. 210-16.  
Howard, Arthur M., to Glaskyd Inc. Transfer molding method. 2,738,551, 3-20-56, Cl. 18-53.  
Howard, Allan M., and W. G. Harper, to Nortons (Tivdale) Ltd. Apparatus for propelling trucks. 2,767,662, 10-23-56, Cl. 104-183.  
Howard, Arthur C., to Rotary Hoes Ltd. Selective wheel drive control for power-driven machines. 2,739,657, 3-27-56, Cl. 180-6.2.  
Howard Auto-Cultivators Ltd. : See—  
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Howard, Ben O. Canard type airplane and controls therefor. 2,747,816, 5-29-56, Cl. 244-45.  
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Howard, Burdett C. Syrup server. 2,729,739, 1-3-56, Cl. 219-43.  
Howard, Charles E. Accelerator pedal operating attachment for motor vehicles. 2,735,312, 2-21-56, Cl. 74-562.5.  
Howard, Frank A. Auxiliary saw fence. 2,764,190, 9-25-56, Cl. 143-174.  
Howard, Clayton W. Poultry watering device. 2,771,058, 11-20-56, Cl. 119-78.  
Howard, Edward G., Jr., to E. I. du Pont de Nemours and Co. Polymerization of vinyl monomers by oxyhalogen acid anion hydrazine-disulfonate ion compositions. 2,729,624, 1-3-56, Cl. 260-80.  
Howard, Edward G., Jr., to E. I. du Pont de Nemours and Co. Alpha-cyanohalogenamides. 2,733,260, 1-31-56, Cl. 260-465.5.  
Howard, Edwin C., to Hercules Powder Co. Combined solvent and absorption process for refining rosin. 2,774,753, 12-18-56, Cl. 260-107.  
Howard, Elmer. Mounting means for folding table legs. 2,743,147, 4-24-56, Cl. 311-99.  
Howard, Everett W., to M. W. Kellogg Co. Method and apparatus for fluidized catalytic conversion. 2,740,750, 4-3-56, Cl. 196-50.  
Howard, Everett W., to The M. W. Kellogg Co. Process for utilizing the flue gas in the regeneration of the fouled catalyst in a fluidized hydrocarbon conversion system. 2,758,068, 8-7-56, Cl. 196-52.  
Howard, Frank A. Mechanical calendar. 2,775,992, 12-25-56, Cl. 58-6.  
Howard, Frank L., to Kaiser Aluminum & Chemical Corp. Process of distilling metals with halide vapors. 2,762,702, 9-11-56, Cl. 75-68.  
Howard, Frank S., to Birtman Electric Co. Vacuum cleaner. 2,747,679, 5-8-56, Cl. 230-127.  
Howard, Frank S., to Birtman Electric Co. Bobbin winder. 2,744,691, 5-8-56, Cl. 242-22.  
Howard, Frank S., to Birtman Electric Co. Bobbin case. 2,753,825, 7-10-56, Cl. 112-231.  
Howard, Frank S., to Birtman Electric Co. Bobbin case. 2,763,227, 9-18-56, Cl. 112-231.  
Howard, Frank W. Glove with seamless palm and back. 2,770,809, 11-20-56, Cl. 2-169.  
Howard, Harry H. Dead-ending tool. 2,737,068, 3-6-56, Cl. 81-3.

- Howard, Harry W., and C. V. Wittenwyler, to Shell Development Co. Composition containing glycidyl polyether of a polyhydric phenol and a methylol substituted 2-alkenyl-oxycarbene. 2,774,748, 12-18-56, Cl. 260-45.5.
- Howard, Hartley W., and H. K. Salzberg, to The Borden Co. Production of casein-lactalbumin coprecipitate. 2,750,374, 6-12-56, Cl. 260-120.
- Howard, Hector G.: See—
- Demmer, Evelyn H., and Howard, 2,743,044.
- Howard, Henry C., to Carnegie Institute of Technology. Methods of fractionating polycarboxy aromatics acids. 2,762,840, 9-11-56, Cl. 260-525.
- Howard, James C.: See—
- McKinley, Robert W., Howard, and Ernests. 2,728,938.
- Howard, John G., to The Pyle-National Co. Speed regulator for a motor generator. 2,736,855, 2-28-56, Cl. 318-325.
- Howard, John H.: See—
- Hendrickson, Arnold P., Keye, and Howard. 2,771,595.
- Howard, Joseph O. Card shuffling mechanism. 2,747,877, 5-29-56, Cl. 273-149.
- Howard, Paul J. Louver assembly for window opening. 2,738,127, 3-13-56, Cl. 230-259.
- Howard, Paul L., to the United States of America as represented by the Secretary of the Navy. Electrolyte filling device and method for reserve type primary batteries. 2,732,985, 1-31-56, Cl. 226-19.
- Howard, Ralph M. Receptacle. 2,746,505, 5-22-56, Cl. 150-52.
- Howard, Stanley R., to Pneumatic Scale Corp., Ltd. Packaging and check weighing machine. 2,751,180, 6-19-56, Cl. 249-17.
- Howard, Stanley R., to Pneumatic Scale Corp., Ltd. Container handling machines. 2,762,497, 9-11-56, Cl. 198-232.
- Howard, Thomas E. Material loading device. 2,738,865, 3-20-56, Cl. 198-232.
- Howard, Thomas P., to A. Runstein. Apparatus for dispensing liquids. 2,759,638, 8-21-56, Cl. 222-146.
- Howard, Tulane B. Toy dump trucks. 2,732,659, 1-31-56, Cl. 46-210.
- Howard, Tulane B. Toy dump truck. 2,736,990, 3-6-56, Cl. 46-210.
- Howard, William C., to Bailey Meter Co. Time-cycle control system. 2,767,724, 10-23-56, Cl. 137-82.
- Howards of Iford Ltd.: See—
- Lock, Ritchie H., and Reynolds. 2,763,665.
- Howarth, Arthur N., to Bell Punch Co., Ltd. Taximeter indicators. 2,747,173, 5-22-56, Cl. 340-68.
- Howarth, Harry A. S., deceased; J. M. Howarth, administrator. Bearing. 2,744,799, 5-8-56, Cl. 308-160.
- Howarth, Mary E.: See—
- Howarth, Harry A. S. 2,744,799.
- Howarth, Thomas H. J., Downing, and J. G. N. Drewitt, to British Celanese Ltd. Process for polymerizing cracked fractions containing S. 2,770,014, 11-13-56, Cl. 260-82.
- Howarth, Joseph R. Device for dispensing powders, granulated substances and the like in measured quantities. 2,740,555, 4-3-56, Cl. 222-48.
- Howdle, Frederic E., to Cutler-Hammer, Inc. Horizontal turns for conveyors. 2,729,324, 1-3-56, Cl. 198-167.
- Howe, Alfred J. Handcuffs. 2,772,553, 12-19-56, Cl. 70-16.
- Howe, Elra P. Flood control system. 2,747,678, 5-29-56, Cl. 182-1.
- Howe, Harlan L., to Carrier Corp. Ice making apparatus. 2,775,100, 12-25-56, Cl. 62-37.
- Howe, Henry V., and N. R. Terry, to Board of Supervisors of Louisiana State University and Agricultural and Mechanical College. Portable sample washers. 2,732,068, 1-24-56, Cl. 209-273.
- Howe, Jack P., to Phillips Petroleum Co. Recovery of weighting material from a drilling fluid. 2,756,965, 7-31-56, Cl. 255-1.8.
- Howe, John F.: See—
- Crouch, William W., and Howe. 2,765,295.
- Wicklatz, John E., and Howe. 2,735,832.
- Wicklatz, John E., and Howe. 2,735,835.
- Wicklatz, John E., and Howe. 2,758,982.
- Howe, John R., to Borg-Warner Corp. Motor thrust load balancing means. 2,772,373, 11-27-56, Cl. 310-90.
- Howe Scale Co., Inc. The. 866.
- Hajos, Eugene. 2,730,303.
- Hove, Spencer D., to Hughes Aircraft Co. Induced voltage pickup for rate gyros. 2,753,718, 7-10-56, Cl. 74-5.6.
- Hove, Wilfred H., and W. E. Vaneh, to The Foxboro Co. Computing system. 2,754,053, 7-10-56, Cl. 235-61.
- Howell, Arthur S., to General Dynamics Corp. High impedance telephone substation ringer. 2,773,223, 12-4-56, Cl. 317-171.
- Howell, Charles N., to Lombard Corp. Door mechanism for induction heating apparatus. 2,750,486, 6-12-56, Cl. 219-10.67.
- Howell, Edward K., to General Electric Co. Frequency stabilized and controlled oscillatory system. 2,764,681, 9-25-56, Cl. 250-36.
- Howell, Elton H. Baseboard heating system. 2,741,970, 4-17-56, Cl. 98-40.
- Howell, F. M., and Co.: See—
- Taylor, Harwood S., Jr. 2,730,324.
- Howell, Helena B. Occupant propelled roundabout. 2,751,225, 6-19-56, Cl. 272-33.
- Howell, Herbert R. Cutting shear. 2,736,961, 3-6-56, Cl. 30-213.
- Howell, Ira V. Valve cap removing and replacing tool. 2,733,456, 2-7-56, Cl. 7-14.1.
- Howell, Roy E.: See—
- Feick, Daniel E., Gibbs, and Howell. 2,772,612.
- Feick, Daniel E., and Howell. 2,729,136.
- Howell, Russell B., Jr., to Burns Aero Seat Co., Inc. Chair back adjusting mechanism. 2,750,994, 6-19-56, Cl. 155-161.
- Howell, Thomas B., and M. Rogin. Composite optical image projection apparatus. 2,754,722, 7-17-56, Cl. 88-24.
- Howell, Warren: See—
- Randall, Herman P. 2,758,627.
- Howell, William C., Jr., and J. I. Wasson, to Esso Research and Engineering Co. Hydraulic transmission fluid. 2,731,413, 1-17-56, Cl. 252-42.
- Howell, William C., Jr., and J. I. Wasson, to Esso Research and Engineering Co. Hydraulic transmission fluid. 2,768,953, 10-30-56, Cl. 252-42.7.
- Howells, Robert D.: See—
- Opalek, John J., and Howells. 2,757,353.
- Howery, Richard W.: See—
- Bollinger, Waldon P., Howery, and Ford. 2,745,099.
- Ford, John R., and Howery. 2,773,256.
- Howe, Kenneth, to Foster Wheeler Corp. Heat exchange apparatus. 2,744,733, 5-8-56, Cl. 257-224.
- Howes, Douglas E., to Norton Co. Precision speed regulation of adjustable-speed D. C. motors. 2,743,409, 4-24-56, Cl. 318-332.
- Howes, Edgar T., to United Geophysical Corp. Seismic prospecting system. 2,740,945, 4-3-56, Cl. 340-15.
- Howes, Edgar T., and F. W. Hoy, to United Geophysical Corp. Seismic prospecting apparatus. 2,737,355, 7-31-56, Cl. 340-7.
- Howes, Edward L. Sutures. 2,751,910, 6-26-56, Cl. 128-335.5.
- Howes, John T., to Redmond Co., Inc. Bearing and lubricating structure. 2,739,020, 3-20-56, Cl. 308-132.
- Howes, Ronald B., to Metalholm Engineering Corp. Process of treating precision resistor. 2,757,104, 7-31-56, Cl. 117-217.
- Howes, S. Co., Inc.: See—
- Riley, Walter J. 2,748,608.
- Howey, Cecil R., to United States Rubber Co. Method of treating 2,6-diethoxybenzothiazole. 2,734,064, 2-7-56, Cl. 260-306.5.
- Howey, Walter C. Optical system for color television receiver. 2,761,008, 8-28-56, Cl. 178-5.4.
- Howey, Kenneth, to Wideman Mfg. Co. Sinker for full fashioned knitting machine. 2,762,214, 9-11-56, Cl. 66-110.
- Howk, Benjamin W.: See—
- Fawcett, Frank S., and Howk. 2,744,151.
- Foster, Robert E., and Howk. 2,749,366.
- Howk, Walter W., and Howk. 2,772,293.
- Howland, Louis H., and B. N. Larsen, to United States Rubber Co. Processing butadiene-mono-vinylpyridine rubbers. 2,757,162, 7-31-56, Cl. 260-41.5.
- Howland, John D.: See—
- De la Torre, Bradley S., Upton, and Howland. 2,771,477.
- Howle, Curran P. Rotary mountings for scales. 2,763,063, 9-18-56, Cl. 33-75.
- Howlett, Edward J., to Isaac Braithwaite & Son Engineers Ltd. Rotary machine for use in washing dry cleaning and dyeing garments and other articles. 2,730,887, 1-17-56, Cl. 68-139.
- Howlett, John, and C. A. Lamburd, to The Distillers Co. Ltd. Concentration of unsaturated aldehydes. 2,757,131, 7-31-56, Cl. 202-52.
- Howlett, John and C. A. Lamburd, to The Distillers Co. Ltd. Process for concentration of unsaturated aldehydes. 2,766,192, 10-9-56, Cl. 202-52.
- Howley, William, and K. Eglin, said Eglin to said Howley. Egg operated fowl trap nest. 2,764,128, 9-25-56, Cl. 119-50.
- Howson, Louis, to Bell Telephone Laboratories, Inc. Phase shifting circuit. 2,747,872, 12-18-56, Cl. 250-36.
- Hoxie, Leslie D.: See—
- Finner, Walter L., and Hoxie. 2,729,580.
- Hoy, Ralph C., and W. A. Rietz, to Augat Bros., Inc. Clamp. 2,768,418, 10-30-56, Cl. 24-270.
- Hoy, William F.: See—
- Howley, Edgar T., and Hoy. 2,757,355.
- Hoy, Charles G. Fuse socket cleaning tool. 2,734,320, 2-14-56, Cl. 51-186.
- Hoye, Feder B., to Electrical Engineers Equipment Co. Disconnecting switch. 2,771,522, 11-20-56, Cl. 200-48.
- Hoye, Theodore E., and V. S. Robinson, to Mohawk Cabinet Co., Inc. Automatic defrosting refrigerator cabinet. 2,750,758, 6-19-56, Cl. 62-4.
- Hoyer, James L. Economy air conditioning system for buildings. 2,753,157, 7-3-56, Cl. 257-3.
- Hoyer, Norman S., to Gibson Electric Co. Method of making powdered compacts. 2,768,099, 10-23-56, Cl. 117-213.
- Hoyet, Eugene, to Pittsburgh Plate Glass Co. Plaster applicator. 2,736,996, 3-6-56, Cl. 51-262.
- Hoyle, Gettys O., Jr.: See—
- Ferrell, Edgar A., and Hoyle. 2,761,194.
- Hoyle, Robert J., Jr., to The MacGill & Gibbs Co. Pole construction. 2,747,243, 5-29-56, Cl. 20-99.
- Hoyle, Robert L., to Burgess-Manning Co. Spark arrester snubber. 2,730,193, 1-10-56, Cl. 183-87.
- Hoyle, Walter W., to The Murray Corp. America. Illuminated dial. 2,742,015, 4-17-56, Cl. 116-124.
- Hoynes, Benjamin L., to American Can Co. Feeding device for can end testing machine. 2,773,380, 12-11-56, Cl. 73-45.2.



- Hoyt, Cornelius F. File guards. 2,743,504, 5-1-56, Cl. 2,757,112, 7-31-56, Cl. 154-99.  
 Hoyt, Carl R., to Electronics Research Corp. Transfer method of applying color lines to television tube screen. 29-80.  
 Hoyt, Edwin R., to Dorr-Oliver Inc. Apparatus for combining sheets of paper. 2,770,080, 11-13-56, Cl. 51-75.  
 Hoyt, Ernest B.: *See*—  
     Follows, Alan G., Hoyt, and Smith. 2,767,051.  
 Hoyt, Karl K. Apparatus and method for regulating television target potential. 2,767,346, 10-16-56, Cl. 313-21.  
 Hoyt, Leo E. Fuel tank gauge for tractors. 2,732,820, 1-31-56, Cl. 116-118.  
 Hoyt, William E.: *See*—  
     Coulter, Samuel T., Hoyt, and Van Deest. 2,733,762.  
 Hrehcick, James. Bottle cap opener with cap piercing means. 2,735,318, 2-21-56, Cl. 81-3-48.  
 Hrehcick, James. Closure remover with piercing means. 2,749,784, 6-12-56, Cl. 81-3-42.  
 Hruska, Howard E., to Bendix Aviation Corp. Balanced valve. 2,752,947, 7-3-56, Cl. 137-622.  
 Huang, Hsing T.: *See*—  
     Smythe, Carl V., and Huang. 2,749,279.  
     Smythe, Carl V., and Huang. 2,773,001.  
 Hubacker, Earl F., to General Electric Co. Control for refrigerating apparatus. 2,743,587, 5-1-56, Cl. 62-3.  
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     Nelson, Joseph F., Banas, and Hubbard. 2,751,422.  
 Hubbard, Addison W., F. W. Banas, and J. F. Johnson, to Esso Research and Engineering Co. Process for recovery of cycloalkadiene monomers from their dimers. 2,735,875, 2-21-56, Cl. 260-66.  
 Hubbard, Addison W., R. F. Leary, and F. W. Banas, to Esso Research and Engineering Co. Addition of isoprene to resin feed streams in continuous process. 2,764,577, 9-25-56, Cl. 260-82.  
 Hubbard, Arthur F., to American Air Filter Co., Inc. Portable fuel burning air heater. 2,744,516, 5-8-56, Cl. 126-110.  
 Hubbard, Arthur F., to American Air Filter Co., Inc. Air heating furnace and control system therefor. 2,758,591, 8-14-56, Cl. 126-110.  
 Hubbard, Arthur F., to American Air Filter Co., Inc. De-mountable burner. 2,758,636, 8-14-56, Cl. 158-7.  
 Hubbard, Arthur F., to American Air Filter Co., Inc. Heater control manifold. 2,758,640, 8-14-56, Cl. 158-36.3.  
 Hubbard, Arthur L., to Deere Mfg. Co. Cotton picking spindle and slat assembly. 2,766,574, 10-16-56, Cl. 56-44.  
 Hubbard, Arthur L., to Deere Mfg. Co. Cotton picker. 2,772,445, 12-4-56, Cl. 19-72.  
 Hubbard, Barton D., and P. Derenick, to United States Rubber Co. Method of making elastic fabrics. 2,737,701, 3-13-56, Cl. 28-74.  
 Hubbard, Bruce W., to Ideal Roller and Mfg. Co. Roller. 2,741,014, 4-10-56, Cl. 29-130.  
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     Berger, Frank M., Hubbard, and Ludwig. 2,734,087.  
 Hubbard, David C., to A. B. Chance Co. Tap clamp connector. 2,735,480, 3-13-56, Cl. 339-109.  
 Hubbard, David C., and G. G. Tucker, to Hubbard Spool Co. Segmental support. 2,767,936, 10-23-56, Cl. 242-118.  
 Hubbard, Poncie A. Multipurpose key for opening tobacco cans. 2,730,108, 1-10-56, Cl. 131-247.  
 Hubbard, Francis C. Fluid sprinkler. 2,753,211, 7-3-56, Cl. 299-69.  
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     Ford, Geoffrey E., and Hubbard. 2,765,608.  
 Hubbard, James K., to E. I. du Pont de Nemours and Co. Process of making dispersions of polymers. 2,744,085, 5-1-56, Cl. 260-35.6.  
 Hubbard, James K., to E. I. du Pont de Nemours and Co. Poly-p-xylenes plasticized with chlorinated biphenyl. 2,763,630, 9-18-56, Cl. 260-33.8.  
 Hubbard, Merle R., to Collins Radio Co. Resonator tuner. 2,731,604, 1-17-56, Cl. 333-82.  
 Hubbard, Merle R., to Collins Radio Co. Radio Co. Tuning device. 2,766,383, 10-9-56, Cl. 250-40.  
 Hubbard, Norman, to I. Harter. Coffee maker. 2,738,721, 3-20-56, Cl. 99-306.  
 Hubbard, Ralph L. Automatic draft regulator. 2,743,056, 4-24-56, Cl. 236-45.  
 Hubbard Spool Co.: *See*—  
     Hubbard, Eber J., and Tucker. 2,767,936.  
 Hubbard, Warren M., and N. D. Levie, to McClintock Mfg. Co. Rubber greens. 2,739,402, 3-27-56, Cl. 41-13.  
 Hubbell, Harvey. Retractable clamp for wiring devices. 2,753,637, 7-3-56, Cl. 339-103.  
 Hubbell, Harvey, to Harvey Hubbell, Inc. Cam clamp for back wiring connection. 2,763,847, 9-18-56, Cl. 339-219.  
 Hubbell, Harvey, Inc.: *See*—  
     Carlson, Ernest R. 2,753,538.  
     Healy, Joseph F. 2,763,846.  
     Healy, Joseph F. 2,763,847.  
 Hubbell, Jesse P. Combination gasoline dispenser and fire fighter. 2,761,586, 9-4-56, Cl. 222-4.  
 Hubbsman, Earl J., to G. Miller. Glove protector. 2,755,477, 7-24-56, Cl. 2-17.  
 Hube, Gottfried E., to Pacific Laboratories Inc. Method for separating the flesh from the skin of fish. 2,767,413, 8-7-56, Cl. 17-45.  
 Huber, Alfred J. Iron vane electrical instrument. 2,734,108, 2-7-56, Cl. 200-103.  
 Huber, Eugen, to Incomex Handelsges. m. b. H. für industrielle Produkte-Konstruktionen-Export. Means for treating liquid fuel before its injection into the working cylinder of internal combustion engines. 2,744,507, 5-8-56, Cl. 123-32.  
 Huber, Frank. Floor treating apparatus. 2,763,019, 9-18-56, Cl. 15-131.05.  
 Huber, Franz J. A. True airspeed computer. 2,767,919, 10-23-56, Cl. 235-84.  
 Huber, Harry: *See*—  
     Dohler, Oscar, Huber, and Kleen. 2,745,983.  
 Huber, Harry, and W. Kleen, to Compagnie Generale De Telegraphie Sans Fil. Double beam progressive wave tube. 2,767,311, 7-31-56, Cl. 315-3-5.  
 Huber, Howard E., and J. Toper, to The New York Air Brake Co. Variable delivery pump system including a standby unit. 2,762,305, 9-11-56, Cl. 103-11.  
 Huber, J., & Cie. Aktiengesellschaft: *See*—  
     Huber, Jakob. 2,732,461.  
 Huber, J. M., Corp.: *See*—  
     Barbour, Harry S. 2,758,039.  
     Bertorelli, Orlando L. 2,739,073.  
     Scarth, Robert W. 2,767,578.  
     Voet, Andries, and Williams. 2,766,127.  
     Voet, Andries, and Yelmgren. 2,754,219.  
     Williams, Ira. 2,746,504.  
     Williams, Ira, and Voet. 2,733,155.  
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 Huber, Jakob. Signal lamp for switchboards. 2,762,999, 9-11-56, Cl. 346-381.  
 Huber, Jennie: *See*—  
     Huber, Ralph L. 2,748,769.  
 Huber, Jennie L.: *See*—  
     Huber, Ralph L. 2,735,428.  
     Huber, Ralph L. 2,735,429.  
     Huber, Ralph L. 2,735,430.  
     Huber, Melvin L., and W. E. Kirst, to E. I. du Pont de Nemours and Co. Catalytic reduction of nitrobenzene by ammonia. 2,739,985, 3-27-56, Cl. 260-580.  
 Huber, Ralph L., deceased, by J. L. Huber, administratrix. Hypodermic syringes. 2,735,428, 2-21-56, Cl. 128-218.  
 Huber, Ralph L., deceased, by J. L. Huber, administratrix. Hypodermic syringes. 2,735,429, 2-21-56, Cl. 128-218.  
 Huber, Ralph L., deceased, by J. L. Huber, administratrix. Hypodermic syringes. 2,735,430, 2-21-56, Cl. 128-218.  
 Huber, Ralph L., deceased, by J. Huber, administratrix. Hypodermic needle. 2,748,769, 6-5-56, Cl. 128-221.  
 Huber, Richard D.: *See*—  
     Tislow, Richard F., Huber, and Diamond. 2,763,643.  
 Huber, Robert, to Societe d'Etudes et de Participations, Eau, Gaz, Electricite, Energie, S. A. Opposed free piston engine. 2,741,232, 4-10-56, Cl. 123-46.  
 Huber, Robert, to Societe d'Etudes et de Participations, Eau, Gaz, Electricite, Energie, S. A. Regulating device for a free piston gas generator-turbine receiver system. 2,745,246, 5-15-56, Cl. 60-13.  
 Huber, Robert, to Societe d'Etudes et de Participations, Eau, Gaz, Electricite, Energie, S. A. Free piston motor-compressors. 2,746,670, 5-22-56, Cl. 230-56.  
 Huber, Robert, to Societe d'Etudes et de Participations, Eau, Gaz, Electricite, Energie, S. A. Power plants including at least one gas turbine, in particular for vehicles. 2,759,327, 8-21-56, Cl. 60-39.15.  
 Huber, Theodore A., to Esso Research and Engineering Co. Method and means of completing a well. 2,749,989, 6-12-56, Cl. 166-21.  
 Huber, Theodore A., to Esso Research and Engineering Co. Apparatus for squeeze cementing well perforations. 2,769,498, 11-6-56, Cl. 166-65.  
 Huber, Walter, to Stoffel & Cie. Conveyor reel. 2,752,031, 6-26-56, Cl. 203-385.  
 Huber, William J.: *See*—  
     Shuck, Wayne L., and Huber. 2,729,104.  
 Hubert, Clarence A., and J. R. Orelind, to International Harvester Co. Shredded power take-off shaft for tractors. 2,735,281, 2-21-56, Cl. 64-1.  
 Hubmann, Otto. Apparatus for the briquetting of dust-like or fine-grained material. 2,742,668, 4-24-56, Cl. 18-9.  
 Hubmann, Paul, to Package Machinery Co. Apparatus for standardizing milk. 2,735,614, 2-21-56, Cl. 233-29.  
 Hübler, Franz K., to Victoria Produktor Aktiengesellschaft. Spinning type fishing reel. 2,773,654, 12-11-56, Cl. 242-84.4.  
 Huch, William F.: *See*—  
     Bohl, Leland S., and Huch. 2,759,692.  
     Hakomaki, Raymond I., and Huch. 2,770,933.  
 Huch, William F. R., I. Hakomaki, and C. B. Moore, Jr., to General Mills, Inc. Method of curing symmetrical balloon grooves and construction take for practicing the method. 2,732,013, 1-24-56, Cl. 164-17.  
 Huch, Alfred J., to Knapp-Monarch Co. Twin window fans. 2,738,002, 1-31-56, Cl. 230-259.  
 Huch, Alfred J., to Knapp-Monarch Co. Method of making heating elements. 2,735,162, 2-21-56, Cl. 29-155.5.  
 Huch, Alfred J., and I. Pass, to Knapp-Monarch Co. Coffee maker. 2,729,159, 1-3-56, Cl. 99-281.  
 Huch Co.: *See*—  
     Huch, William F. 2,738,842.  
     Huck, William F. 2,746,749.  
     Huck, William F. 2,759,728.  
     Huck, William F. 2,771,008.  
     Huck, William F. 2,773,412.

- Huck, Louis C., to Huck Mfg. Co. Method of riveting. 2,754,703, 7-17-56, Cl. 78-46.  
 Huck Mfg. Co.: See—
- Huck, Louis C. 2,754,703.
- Huck, William F., to Huck Co. Web cutting apparatus for printing machines and the like. 2,738,842, 3-20-56, Cl. 164-67.  
 Huck, William F. Matrix rolling machine. 2,739,527, 9-27-56, Cl. 101-12.  
 Huck, William F., to Huck Co. Means for scanning traveling webs in printing machines and the like. 2,746,749, 5-22-56, Cl. 271-21.  
 Huck, William F., to Huck Co. Tensioning mechanisms. 2,759,728, 8-21-56, Cl. 271-23.  
 Huck, William F., to Huck Co. Milling machines. 2,771,008, 11-20-56, Cl. 90-20.5.  
 Huck, William F., to Huck Co. Electro-optical device for measuring thicknesses of coatings on materials. 2,773,412, 12-11-56, Cl. 88-14.  
 Huchabay, William B., to Socony Mobil Oil Co., Inc. Method for analyzing earth materials for hydrocarbons. 2,733,135, 1-31-56, Cl. 23-230.  
 Huchabee, John M. Gun barrel sealing device. 2,763,081, 18-56, Cl. 42-1.  
 Huddle, Edwin F.: See—  
   Carlson, Ernest C., and Huddle. 2,769,296.  
   Hinz, Otto E., Huddle, and Bing. 2,750,599.  
   Orelitz, John E., Huddle, and Uim. 2,769,297.  
   Raney, Russell R., Huddle, and Bing. 2,756,887.  
 Huddle, Edwin F., to International Harvester Co. Tractor-implement coupling arrangement for a harvester. 2,735,253, 2-21-56, Cl. 56-27.  
 Huddle, Edwin F., to International Harvester Co. Double sickle cutting assembly. 2,735,254, 2-21-56, Cl. 56-297.  
 Huddle, Edwin F., to International Harvester Co. Telescoping guided shaft clutch arrangement. 2,761,299, 9-4-56, Cl. 64-23.  
 Huddle, Edwin F., to International Harvester Co. Unimount drive power transmission unit. 2,767,539, 10-23-56, Cl. 56-25.  
 Huddle, Edwin F., to International Harvester Co. Method of harvesting and curing forage crops. 2,770,937, 11-20-56, Cl. 56-1.  
 Huddleston, James G.: See—  
   McKay, Dwight L., and Huddleston. 2,763,637.  
 Hudes, Henry N., and M. Marquardt, to Marquardt-Hudes, Inc. Perfumer mounted in a spring tubular ring. 2,751,764, 6-26-56, Cl. 21-21.  
 Hudman, Wesley, Can opener. 2,743,840, 5-1-56, Cl. 220-52.  
 Hudock, Raymond A.: See—  
   Jones, Harry H., and Hudock. 2,739,567.  
 Hudry, Charles, to Societe Rhodiaca. Apparatus for malaxing and mixing. 2,746,838, 17-56, Cl. 259-6.  
 Hudson, Arthur C., to National Research Council. Adjustable coil. 2,735,076, 2-14-56, Cl. 336-137.  
 Hudson, Arthur C., to National Research Council. Dual output mixer for transmit-receive system. 2,753,450, 7-3-56, Cl. 250-20.  
 Hudson, Charles H. Cannula. 2,735,432, 2-21-56, Cl. 128-348.  
 Hudson, Collin M., and L. A. Skinner, to the United States of America as represented by the Secretary of War. Piezo-electric fuse. 2,764,091, 9-25-56, Cl. 102-70.2.  
 Hudson, Edwin B. Wheel adhesion control for railway rolling stock. 2,766,056, 10-9-56, Cl. 201-2.  
 Hudson Engineering Corp.: See—  
   Grantham, Hulan E., and Goldsmith. 2,770,413.  
   Lau Bach, Neal B. 2,743,088.  
   Petty, Macon. 2,739,655.  
 Hudson, Eugene V.: See—  
   Sullivan, Robert W., and Hudson. 2,760,253.  
 Hudson, George G., to Reconstruction Finance Corp. Aircraft ejection seat. 2,773,661, 12-11-56, Cl. 244-122.  
 Hudson, H. D. Mfg. Co.: See—  
   Hudson, Robert C., and Pinke. 2,769,580.  
   Pinke, August H., Meeker, Oys, and Hudson. 2,748,992.  
   Trier, Fred H., and W. L. Smith, to Phillips Petroleum Co. Stabilization of heterocyclic nitrogen compounds. 2,764,589, 9-25-56, Cl. 260-290.  
 Hudson, Kenneth C., to Minneapolis-Honeywell Regulator Co. Electrical indicator. 2,748,231, 5-29-56, Cl. 201-55.  
 Hudson, Owen M.: See—  
   Allen, Howard G., and Hudson. 2,769,407.  
 Hudson, Paul S.: See—  
   Potts, Mack F., and Hudson. 2,767,159.  
   Potts, Mack F., Hudson, and Smith. 2,775,594.  
   Smith, Warren L., Potts, and Hudson. 2,748,131.  
 Hudson, Paul S., and W. L. Smith, to Phillips Petroleum Co. Stabilization of heterocyclic nitrogen compounds. 2,764,589, 9-25-56, Cl. 260-290.  
 Hudson, Paul S., M. F. Potts, and W. L. Smith, to Phillips Petroleum Co. Stabilization of polymerizable heterocyclic nitrogen compounds. 2,773,874, 12-11-56, Cl. 260-290.  
 Hudson, Raymond A., to Willson Products, Inc. Helmet. 2,746,049, 6-22-56, Cl. 2-3.  
 Hudson, Richard D., Jr., to American Optical Co. Means for testing eyes. 2,738,701, 3-20-56, Cl. 88-20.  
 Hudson, Richard D., Jr., and E. D. Tillyer, to American Optical Co. Integrating devices. 2,756,928, 7-31-56, Cl. 235-61.  
 Hudson, Robert C.: See—  
   Pinke, August H., Meeker, Oys, and Hudson. 2,748,992.  
 Hudson, Robert C., and A. H. Pinke, to H. D. Hudson Mfg. Co. Compression sprayer. 2,769,580, 11-6-56, Cl. 222-397.
- Hudson, Tom N. Cable tool drill. 2,749,090, 6-5-56, Cl. 255-10.  
 Hudson, Verne L., and J. M. Wickham, said Hudson assor. to Boeing Aircraft Co. Aircraft flight refueling apparatus. 2,769,804, 11-6-56, Cl. 241-135.  
 Hudson, William L. Periodic coin collector. 2,769,517, 11-6-56, Cl. 194-9.  
 Hudson, William L., and H. Lee, to Tokheim Corp. Diaphragm and pump with a spring therein. 2,774,380, 12-12-56, Cl. 137-793.  
 Hueber, Carl J., and W. J. Hampton, to Addressograph-Multi-graph Corp. Intermittent web fed means for rotary printing machines. 2,739,533, 3-27-56, Cl. 101-227.  
 Huebner, Charles F.: See—  
   Oishi, John R., and Huebner. 2,770,017.  
 Huebner, Charles F., to Ciba Pharmaceutical Products, Inc. 4-( $\beta$ -substituted aminoethyl)-imidazoles and the preparation thereof. 2,744,899, 5-8-56, Cl. 260-247.5.  
 Huebner, Charles F., to Ciba Pharmaceutical Products, Inc. Certain substituted pyridindoles. 2,759,090, 8-14-56, Cl. 260-296.  
 Huebner, Charles F., to Ciba Pharmaceutical Products, Inc. Dibenzylzinc-ammonium salts. 2,760,978, 8-28-56, Cl. 260-307.6.  
 Huebner, Charles F., and C. R. Scholz, to Ciba Pharmaceutical Products, Inc. Di-(p-n-butyl phenyl)-thiourea. 2,760,976, 8-28-56, Cl. 260-552.  
 Huebner Co., The.: See—  
   Huebner, William C. 2,764,071.  
   Huebner, William C. 2,764,086.  
   Huebner, William C. 2,764,500.  
 Huebner, Dennis W., to Imperial Chemical Industries Ltd. Hydration of oxalines using alternating catalyst and scrubbing zones. 2,751,420, 9-19-56, Cl. 260-641.  
 Huebner, Herbert A.: See—  
   Boschetti, Anthony J., and Terry. 2,729,274.  
 Huebner, John A.: See—  
   Huebner, Marion T., and J. A. 2,753,639.  
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 Huebner, William C. Apparatus for color separation. 2,763,229, 2-23-56, Cl. 88-24.  
 Huebner, William C., to The Huebner Co. Optical system for photo-composing apparatus. 2,764,071, 9-25-56, Cl. 95-4.5.  
 Huebner, William C., to The Huebner Co. Multicolor web printing press. 2,764,086, 9-25-56, Cl. 101-179.  
 Huebner, William C., to The Huebner Co. Method and apparatus for reproducing images. 2,764,500, 9-25-56, Cl. 117-17.5.  
 Huebschmann, John W.: See—  
   Kunze, Walter G., Evans, and Huebschmann. 2,772,178.  
 Huet, André, to Combustion Engineering, Inc. Interlock mechanism. 2,754,143, 7-10-56, Cl. 292-7.  
 Huemer, Hans: See—  
   Schulz, Hermann, and Huemer. 2,734,058.  
 Huemer, Hans, to Deutsche Gold- und Silber-Scheideanstalt vormals Roesler. Production of cyanuric chloride. 2,753,346, 7-3-56, Cl. 260-248.  
 Huemer, Hans, to Deutsche Gold- und Silber-Scheideanstalt vormals Roesler. Process for the production of conversion products of chlorotriazines. 2,769,004, 10-30-56, Cl. 260-248.  
 Huemer, Hans, and H. Schulz, to Deutsche Gold- und Silber-Scheideanstalt vormals Roesler. Production of omega-halogen carboxylic acid nitriles. 2,768,196, 10-23-56, Cl. 260-463.3.  
 Hueni, Albrecht: See—  
   Druey, Jean, and Hueni. 2,748,117.  
   Druey, Jean, and Hueni. 2,748,118.  
 Huested, Richard S. Air lift devices. 2,730,398, 1-10-56, Cl. 294-81.  
 Huet, André, to Combustion Engineering, Inc. Forming bulge on metallic tube for creating tubular fitting or like element. 2,763,917, 9-25-56, Cl. 29-157.6.  
 Huet, André, to Combustion Engineering, Inc. Apparatus for shaping tube elbows. 2,764,216, 9-25-56, Cl. 153-48.  
 Huet, André, to Combustion Engineering, Inc. Method of fabricating a tubular element. 2,766,513, 10-16-56, Cl. 29-157.  
 Huettl, Richard F., to Whirlpool-Seger Corp. Refrigerator evaporator. 2,741,898, 4-17-56, Cl. 62-103.  
 Hufbauer, Walter: See—  
   Endlich, Friedrich, and Hufbauer. 2,751,524.  
 Huff, Donald W. Filter and aerator. 2,732,341, 1-24-56, Cl. 210-16.  
 Huff, James R. Shaping tool for patterns having arcuate recesses. 2,746,496, 5-22-56, Cl. 144-136.  
 Huff, John P. Concrete form. 2,764,798, 10-2-56, Cl. 25-118.  
 Huff, Wright F.: See—  
   Valcourt, Robert A., and Huff. 2,731,989.  
 Huffines, James D. Refuse compressor mechanism for vehicles. 2,750,055, 6-12-56, Cl. 214-501.  
 Huffman, Charles E., to Allen B. Du Mont Laboratories, Inc. Comparator circuit. 2,762,949, 9-11-56, Cl. 315-26.  
 Huffman, Chester A. Jig for use in constructing building units. 2,749,874, 12-12-56, Cl. 144-288.  
 Huffman, Clarence W., to Monsanto Chemical Co. Triazole phthalic acids. 2,762,816, 9-11-56, Cl. 260-308.  
 Huffman, Clarence W., to Monsanto Chemical Co. Triazole phthalimides. 2,762,817, 9-11-56, Cl. 260-308.  
 Huffman, Dan T. Side delivery windrower. 2,775,090, 12-25-56, Cl. 56-376.



- Huffman, Hal C.: *See*—  
Attane, Edward C., Jr., Hendricks, and Huffman. 2,760,907.
- Huffman, Harold W., to The Hamilton Tool Co. Governor—drum drive for printing presses. 2,729,982, 1-10-56, Cl. 74—395.
- Huffman, John W., to Pace, Inc. Switch mechanism. 2,751,466, 6-19-56, Cl. 200—139.
- Huffman, Max N., to Lasdon Foundation, Inc. Cyclopentanethrene compounds. 2,759,952, 8-21-56, Cl. 260—297.5.
- Huffman, Max N., to Lasdon Foundation, Inc. Preparation of salicylaldehyde ethers. 2,765,339, 10-2-56, Cl. 260—566.
- Huffman Mfg. Co., The: *See*—  
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Locke, Loyal W., Jr. 2,712,129.
- Huffman, Robert L.: *See*—  
Faulkner, Alfred H., and Huffman. 2,729,703.
- Huffman, Sam L., and R. J. Irwin. Fork grids for looms. 2,733,735, 2-7-56, Cl. 139—379.
- Huffman, Samuel A.: *See*—  
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Montgomery, William G., and Huffman. 2,737,111.
- Huffman, Walter C., to Sun Oil Co. Elevation of granular solids. 2,767,031, 10-16-56, Cl. 302—59.
- Hufnagel, Andrew, to Westinghouse Air Brake Co. Code following relay with frequency decoding contacts. 2,730,592, 1-10-56, Cl. 200—91.
- Hufnagel, John P., 50% to P. A. Coles. Fly swatter. 2,753,217, 2-21-56, Cl. 43—137.
- Hufschmidt, Alfred. Rack-and-cam operated locking means for the slide bar of a slidable inner jaw wrench. 2,748,639, 6-5-56, Cl. 31—143.
- Hug, Jacques, to FERMETURE Invisible S. A. Concealed slide-fasteners. 2,738,560, 3-20-56, Cl. 24—205.1.
- Huge, Ernest C., to The Babcock & Wilcox Co. Apparatus for separating vapor and liquid at high pressures. 2,739,668, 3-13-56, Cl. 182—36.
- Hugel, Ernst, and H. Spangenberg, to Pintsch Bamag Aggregatsgesellschaft. Apparatus for bleaching fatty materials. 2,768,747, 10-30-56, Cl. 210—42.5.
- Hugenholz, Eduard H., to Hartford National Bank and Trust Co., trustee. Frequency control. 2,736,803, 2-28-56, Cl. 250—36.
- Hugenholz, Eduard H., to Hartford National Bank and Trust Co., as trustee. Automatic frequency control. 2,756,833, 7-24-56, Cl. 250—36.
- Hugenholz, Eduard H., to Hartford National Bank and Trust Co., trustee. Automatic frequency control. 2,773,188, 12-4-56, Cl. 250—36.
- Hugenholz, Eduard H., to Hartford National Bank and Trust Co., trustee. Automatic frequency control. 2,773,241, 12-4-56, Cl. 332—19.
- Hugenholz, Eduard H., and M. R. Mantz, to Hartford National Bank and Trust Co., trustee. Automatic frequency stabilisation. 2,760,072, 8-21-56, Cl. 250—36.
- Huggins, Clifford A., to Koch Engineering Co., Inc. Gas-liquid contact apparatus. 2,752,139, 6-26-56, Cl. 261—114.
- Huggins, Clifford A., to Koch Engineering Co., Inc. Gas-liquid contact apparatus. 2,757,915, 8-7-56, Cl. 261—114.
- Huggins, Clifford A., and G. C. Thrift, to Koch Engineering Co., Inc. Gas-liquid contact apparatus. 2,737,377, 3-6-56, Cl. 261—114.
- Huggins, Clifford A., and G. C. Thrift, to Koch Engineering Co., Inc. Gas-liquid contact apparatus. 2,772,080, 11-27-56, Cl. 261—114.
- Huggins, Curtis R., Implement carrier for tractors. 2,768,569, 10-30-56, Cl. 97—47.42.
- Huggins, Grace C. Loin cloth. 2,739,595, 3-27-56, Cl. 128—295.
- Huggins, James A.: *See*—  
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- Huggins, John W.: *See*—  
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- Hughes Aircraft Co.: *See*—  
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- Hughes Aircraft Co.: *See*—Continued  
Howe, Spencer D. 2,753,718.  
Jacobs, Jerome E., and St. John. 2,747,164.  
Johnson, Ralph P., Shulman, and Van Winkle. 2,743,201.  
Kaiser, Harold R., Lane, and Shockey. 2,736,889.  
Kaiser, Harold R., and Mitchell. 2,743,325.  
Kibler, Paul J. 2,761,130.  
Koda, Nobuo J., Smith, Corderman, and Rodgers. 2,769,116.  
Loeb, Sidney, Jr. 2,743,580.  
McMahon, Morgan E. 2,737,601.  
Nelson, Alfred M. 2,752,154.  
Norby, Harold A. 2,735,940.  
Norby, Harold A. 2,758,204.  
North, Harper Q. 2,741,729.  
Shadbolt, Charles L. 2,775,695.  
Stanton, Russell S., and Yacht. 2,743,360.  
Watkins, Dean A. 2,752,430.  
Westlund, Karl. 2,740,259.  
Whinnery, John R. 2,748,268.  
Winterbottom, Ross C. 2,767,376.  
Wohlman, Fred. 2,741,069.  
Zukin, Arthur S. 2,740,885.
- Hughes, Arthur D. Apparatus for separating immiscible liquids. 2,744,630, 5-8-56, Cl. 210—56.
- Hughes Blades, Inc.: *See*—  
Hughes, Clyde C. 2,763,258.
- Hughes, Blanche: *See*—  
Lehman, Dwight L. 2,736,475.
- Hughes By-Product Coke Oven Corp.: *See*—  
Hughes, Charles H. 2,752,298.
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McClain, Harry W. 2,755,633.
- Hughes, Charles E. Sash fastener. 2,759,748, 8-21-56, Cl. 292—202.
- Hughes, Charles H., to Hughes By-Product Coke Oven Corp. Vertical retort. 2,752,298, 6-26-56, Cl. 202—122.
- Hughes, Clyde C., to Hughes Blades, Inc. Construction of circuit saws. 2,763,258, 9-18-56, Cl. 125—15.
- Hughes, David A., to Western Electric Co., Inc. Cable seam soldering apparatus. 2,758,189, 8-7-56, Cl. 219—12.
- Hughes, Edward L., to General Electric Co. Electrical fuse-holder construction. 2,740,016, 3-27-56, Cl. 200—132.
- Hughes, Edwin L., and H. B. Rose, to International Telemeter Corp. Pulse-width discriminator circuit. 2,737,584, 3-6-56, Cl. 250—27.
- Hughes, Elmer J., 8% to C. B. Frederick. Electric control of musical instruments. 2,765,696, 10-9-56, Cl. 84—405.
- Hughes, Elmer V. Tool for pushing or pulling fish tape through a conduit. 2,736,532, 2-28-56, Cl. 254—134.3.
- Hughes, Ernest S., Jr.: *See*—  
Hamilton, Francis E., Hawkins, Lawhead, and Hughes. 2,770,797.
- Hughes, Everett C.: *See*—  
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Jones, Arthur L., and Hughes. 2,734,633.
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- Hughes, F. A., & Co. Ltd.: *See*—  
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Waite, William G., and Higgins. 2,743,227.  
Waite, William G., and Higgins. 2,772,231.
- Hughes, Francis J., to Oxy-Catalyst, Inc. Apparatus and method for assembly of rods and plates. 2,768,431, 10-30-56, Cl. 239—428.
- Hughes, Fred S. Bean and pea pod splitter. 2,731,970, 1-24-56, Cl. 130—30.
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- Hughes, George C., to Reynolds Gas Regulator Co. Fluid pressure regulator. 2,731,026, 1-17-56, Cl. 137—116.5.
- Hughes, George C., to Reynolds Gas Regulator Co. Fluid pressure regulating system. 2,731,032, 1-17-56, Cl. 137—492.
- Hughes, George C., to Reynolds Gas Regulator Co. Valve seat structure. 2,731,036, 1-17-56, Cl. 137—625.34.
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- Hughes, Guy N., to Aluminum Co. of America. D. C. metering system. 2,744,241, 5-1-56, Cl. 324—117.
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- Hughes, Harry: *See*—  
Himsworth, Francis R., and Hughes. 2,757,168.
- Hughes, James R., Jr. Method of preventing the loss of drilling mud. 2,760,693, 10-30-56, Cl. 166—21.
- Hughes, James T. Flush valve assembly. 2,731,646, 1-24-56, Cl. 4—57.
- Hughes, John O. P., to The English Electric Co. Ltd. Flexible drives. 2,740,272, 4-3-56, Cl. 64—17.
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- Hughes, Lehman E.: *See*—  
Bacon, Osborne C., and Hughes. 2,729,577.

- Hughes, Luther J. Tandem axle for trailers. 2,749,140, 6-5-56, Cl. 280-104.5.
- Hughes, Max. Automatic mold defroster. 2,774,360, 12-18-56, Cl. 134-46.
- Hughes, Paul R.; See—
- Hughes, Carroll, Frank E., Jr., and Hughes. 2,765,866.
- Hughes, Ralph L. Color television screen. 2,757,302, 7-31-56, Cl. 313-70.
- Hughes, Ray C.; See—
- Hughes, Coppola, Erick P., Hughes, and Koppius. 2,769,708.
- Hughes, Richard H., to Radio Corp. of America. Second anode focusing electrode. 2,734,141, 2-7-56, Cl. 313-82.
- Hughes, Richard R., C. V. Sterling, and C. E. Sanborn, to Shell Development Co. Cooling walls with fluidized solids and liquid vaporization. 2,751,756, 6-26-56, Cl. 62-2.
- Hughes, Robert W.; See—
- Metzger, Sidney, Hughes, and McAdams. 2,771,553.
- Hughes, Roscoe T.; See—
- Steele, Roger C., and Hughes. 2,761,357.
- Hughes Tool Co.; See—
- Boals, Wayne S. 2,731,975.
- Cline, William H., Jr. 2,774,334.
- Cunningham, Robert A. 2,774,570.
- Lyons, Seth. 2,772,899.
- Morian, Erwin A. 2,774,571.
- Morian, Erwin A., and Woods. 2,769,616.
- Pearson, Charles B. 2,756,636.
- Hughes, Walter J., to Inflico Inc. Contoller. 2,729,232, 1-3-56, Cl. 137-487.
- Hughes, Walter J., to Inflico Inc. Chemical feeder. 2,729,362, 1-3-56, Cl. 222-161.
- Hughes, Walter J., to Inflico Inc. Methods of making carbonated beverages and preparations for use thereon. 2,742,363, 4-17-56, Cl. 99-78.
- Hughes, William B., to Cities Service Oil Co. Surface active compounds. 2,744,115, 5-1-56, Cl. 260-307.
- Hughes, William B., and R. E. Lembe, to Cities Service Research and Development Co. Method of inhibiting corrosion of metals. 2,737,491, 3-6-56, Cl. 252-8.55.
- Hughes, William J., to Shell Development Co. Herbicidal composition and method. 2,773,331, 12-11-56, Cl. 47-58.
- Hughes, William J., to Iowa State College Research Foundation, Inc. Frequency-dividing circuit. 2,739,560, 3-20-56, Cl. 250-36.
- Hugh, Charles H., to Geo. Bray and Co. Ltd. Liquid spray jets. 2,755,137, 7-17-56, Cl. 299-153.
- Hughson, J. Donald, and C. F. Stafford, to General Railway Signal Co. Intermittent inductive speed control system for railroads. 2,761,961, 4-3-56, Cl. 246-63.
- Hughson, J. Donald, and C. F. Stafford, to General Railway Signal Co. Intermittent inductive speed control system for railroads. 2,761,962, 4-3-56, Cl. 246-63.
- Hugin, Adolph C. Edible whistle candy products. 2,739,065, 3-20-56, Cl. 99-138.
- Hugle, Gebhard, to Mrs. L. E. Schemmerling. Locking and releasing mechanism for doors. 2,740,285, 4-3-56, Cl. 70-146.
- Huguenin, Robert A. Machine gear wheels. 2,744,417, 5-8-56, Cl. 74-434.
- Hul, Kenneth K. Kite. 2,762,590, 9-11-56, Cl. 244-153.
- Huisken, Heinrich, and P. Thome, to Gutehoffnungshütte Sterkrade Aktiengesellschaft. Apparatus for sintering ores and the like. 2,763,479, 9-18-56, Cl. 266-20.
- Huisman, Hendrikus O., to Hartford National Bank and Trust Co., as trustee.  $\beta$ -ionylidene acetaldehyde and method of producing the same. 2,761,878, 9-4-56, Cl. 260-598.
- Huizenga, Poppe T., and A. H. Uiterwijk, to Hartford National Bank and Trust Co., as trustee. Wall-hook for the vertical suspension of telephone receivers. 2,762,869, 9-11-56, Cl. 179-159.
- Hujak, Karol L.; See—
- Kratzer, Myron B., and Hujak. 2,762,829.
- Hujak, Karol L., to Stanolind Oil and Gas Co. Process and apparatus for regenerating absorbent and extraction media. 2,762,831, 9-11-56, Cl. 260-450.
- Hujak, Karol L., and R. Mungen, to Stanolind Oil and Gas Co. Catalytic conversion of oxygenated organic compound mixtures. 2,756,248, 7-24-56, Cl. 260-450.
- Hujak, Karol L., and R. Mungen, to Stanolind Oil and Gas Co. Production of alcohols and organic acids from oxygenated organic compounds. 2,770,635, 11-13-56, Cl. 260-450.
- Hukari, Ormand E. Drives for conveyors. 2,775,337, 12-25-56, Cl. 198-80.
- Hulbert, Charles E.; See—
- Konet, Henry, and Hurlbert. 2,745,288.
- Hulcher, Charles A. High speed sequence camera. 2,772,941, 12-4-56, Cl. 346-107.
- Hulet, Henry R., to Detroit Controls Corp. Fast cycling thermostat circuit. 2,772,132, 1-2-56, Cl. 236-91.
- Hulet, Snoe O. Hook for garment hangers. 2,762,103, 9-11-56, Cl. 24-237.
- Huling, Frederick S.; See—
- Rubidge, David W., Netvig, and Huling. 2,775,298.
- Huling, Max C., to Northrop Aircraft, Inc. Safety device. 2,767,818, 10-23-56, Cl. 192-129.
- Hulkenberg, Francis J., Jr. Foldable razor. 2,755,549, 7-24-56, Cl. 30-47.
- Hull, Charles H., to David Brown Tractors (Engineering) Ltd. Tractor implement linkages. 2,759,408, 8-21-56, Cl. 97-47.36.
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- Hull, Clifford O.; See—
- Mapelnden, George C., and Hull. 2,729,696.
- Hull, David C.; See—
- Hagemeyer, Hugh J., Jr., and Hull. 2,748,167.
- Hull, David C., to Eastman Kodak Co. Preparation of all-phobic nitriles. 2,732,387, 1-24-56, Cl. 260-463.2.
- Hull, Donald R., to E. I. du Pont de Nemours and Co. Prevention of nylon gel formation. 2,729,538, 1-3-56, Cl. 18-54.
- Hull, Francis R. Retractable carriage mounting. 2,768,835, 10-30-56, Cl. 280-43.
- Hull, Frederick C., P. H. Brace, G. Comenetz, and A. W. Cochardt, to Westinghouse Electric Corp. Process of zone refining an elongated body of metal. 2,743,199, 4-24-56, Cl. 19-25.
- Hull, James S.; See—
- Fletcher, George L., and Hull. 2,760,986.
- Hull, Joseph A.; See—
- Gassaway, Benjamin F. 2,734,308.
- Hull, Richard D., and S. C. Nelson, to American Viscose Corp. Carton sealing apparatus. 2,744,373, 5-8-56, Cl. 53-374.
- Hull, Richard D., and S. C. Nelson, to American Viscose Corp. Turn table conveyor means. 2,760,620, 8-28-56, Cl. 198-25.
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- Hull, Robert E.; See—
- Armstrong, Edwin H., Bose, and Hull. 2,738,502.
- Moore, Raymond W., Hull, and Stringer. 2,773,228.
- Hull, Robert L.; See—
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- Hullar, Herbert E., to The Murray Corp. of America. Laundry drier. 2,752,004, 6-26-56, Cl. 183-62.
- Hullegard, Erik W., to Telefonaktiebolaget L M Ericsson. Audio-frequency system. 2,732,432, 1-24-56, Cl. 179-16.
- Hulme, Philip M.; See—
- Crego, Francis T., and Hulme. 2,762,701.
- Hulme, Francis T., to Societe d'Etude Chimiques pour l'Industrie et l'Agriculture. Method of accelerating the speed of sedimentation of particles with dispersed carob bean flour. 2,771,996, 11-27-56, Cl. 210-42.5.
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- Hulshagen, Cornelis W. Liquid purifying filters. 2,770,369, 11-13-56, Cl. 210-171.
- Hulse, George E., to Hercules Powder Co. Copolymers of compounds containing activated ethylene double bonds with active hydrogen compounds. 2,759,913, 8-21-56, Cl. 260-89.7.
- Hulse, Robert E., and S. Schott, to National Distillers Products Corp. Continuous sodium reduction process. 2,752,042, 9-4-56, Cl. 260-638.
- Hulsing, Kenneth L.; See—
- Dickson, John, and Hulsing. 2,740,667.
- Hulsing, Kenneth L., to General Motors Corp. Push rod and return spring mounting thereon. 2,743,712, 5-1-56, Cl. 123-90.
- Hulslander, William L., to Homstead Valve Mfg. Co. Valve lock. 2,748,589, 6-5-56, Cl. 70-180.
- Hulst, George D., to Allen B. Du Mont Laboratories, Inc. Band pass coupling circuit. 2,729,796, 1-3-56, Cl. 333-78.
- Hultberg, Eric A.; See—
- Blide, Tord E. D., Hjelme, and Hultberg. 2,743,599.
- Hulteen, Leonard A., and W. Kowalski, to McGraw Electric Co. Torsional spring. 2,732,466, 1-24-56, Cl. 200-166.
- Hulsterman, Harold D., to Flambeau Plastics Corp. Hinge construction for boxes. 2,743,839, 5-1-56, Cl. 220-31.
- Hultgren, Albert B. Drain traps. 2,745,510, 5-15-56, Cl. 182-23.
- Hultgren, Arnold P., to American Molded Products Co. Reel construction. 2,766,947, 10-16-56, Cl. 242-70.
- Hultgren, Eric A.; See—
- Daniel, John M., and Hultgren. 2,749,922.
- Hultin, Clifford T. Inertia responsive shock absorber. 2,774,448, 12-18-56, Cl. 188-58.
- Hultin, Oscar J., to Pneumatic Scale Corp. Multi-sectional container. 2,771,234, 11-20-56, Cl. 229-15.
- Hultquist, Martin E., to American Cyanamid Co. Process of producing isonicitric acid. 2,733,246, 1-31-56, Cl. 260-295.
- Hultquist, Martin E., to American Cyanamid Co. Process for separating nicotinic acid from isonicitric acid. 2,748,136, 5-29-56, Cl. 260-295.
- Hultquist, Martin E., and B. Roth, to American Cyanamid Co. Method of formulating dihydropteridic acid and amides thereof. 2,739,967, 3-27-56, Cl. 260-251.5.
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- Hults, Ellsworth H.; See—
- Fredericth, Frederick B., and Hults. 2,773,932.
- Hults, Ellsworth H., to Smith-Meeker Engineering Co. Selectively responsive indicator. 2,748,382, 5-29-56, Cl. 340-316.
- Hults, Harold W., to Cutler-Hammer, Inc. Sealing means for lever operated electric switches. 2,744,984, 5-8-56, Cl. 200-165.
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- Hulverson, Athel W. Root extractor. 2,758,528, 8-14-56, Cl. 97-110.



- Humbarger, Solomon M. Holder for tools, mechanical parts, and the like. 2,733,113, 1-31-56, Cl. 312-251.
- Humble Oil & Refining Co. See—
- Stone, Albert L., and Daverin. 2,747,751.
- Humboldt Co. The. See—
- McIntyre, Sidney S. 2,745,559.
- Hume, G. W., Co.: See—
- Birchall, Thomas D. 2,729,344.
- Birchall, Thomas D. 2,739,718.
- Hume, George: See—
- Dodds, Nugent. 2,773,474.
- Hume, Gertrude B., to Buxton, Inc. Container for coins. 2,750,978, 6-19-56, Cl. 150-37.
- Hume, Horace D.: See—
- Boucard Victor, and Hume. 2,750,726.
- Scheidenhelm, Earl L. 2,767,538.
- Humes, Donald T. Power driven applicator for liquid materials. 2,730,738, 1-17-56, Cl. 15-24.
- Humlicek, Bernard A. Disk transport. 2,748,551, 6-5-56, Cl. 55-73.
- Hummel, August C. Roll positioning device for tape dispenser. 2,747,807, 5-29-56, Cl. 242-55.2.
- Hummel, August C. Production lever for tape dispensers. 2,747,807, 5-29-56, Cl. 271-2-4.
- Hummel, Charles D., Sr.: See—
- Roberts, Ray J. D., and Faulkner. 2,745,922.
- Hummel, Donald B.: See—
- Hornberger, Clarence L., and Hummel. 2,761,361.
- Hummel, Georg: See—
- Kroeper, Hugo, and Hummel. 2,748,165.
- Hummert, Robert H., to Standard-Thomson Corp. Window actuator. 2,729,979, 10-23-56, Cl. 288-105.
- Hummert, Robert H., and R. P. Halpin, to Standard-Thomson Corp. Valve supporting device. 2,752,117, 6-26-56, Cl. 248-255.
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- Humph, Harold P.: See—
- Martin, Cecil G., and Humpal. 2,773,201.
- Humphre, Ferdinand W., to Mid-States Gummed Paper Co. Pressure-sensitive and remounting draw tape. 2,771,385, 11-20-56, Cl. 154-53.5.
- Humphrey, Andrew J.: See—
- Shrider, Kenneth L., and Humphrey. 2,758,251.
- Humphrey, Earl L.: See—
- Brandes, Oliver L., and Humphrey. 2,731,416.
- Brandes, Oliver L., and Humphrey. 2,731,491.
- Humphrey, Irl W. Automatically releasing shackle. 2,769,654, 11-19-56, Cl. 29-56.
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- Humphrey, Robert W., to Virtue Bros. Mfg. Co. Gate leg table with drop leaf. 2,729,526, 1-3-56, Cl. 311-63.
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- Humphrey, Samuel A., to the United States of America as represented by the Secretary of the Navy. Non-rotatable retaining ring. 2,749,162, 6-5-56, Cl. 287-119.
- Humphrey, Warren A., to The Hoover Co. Converter arrangement for suction cleaners. 2,740,983, 4-10-56, Cl. 15-333.
- Humphrey, Warren A., to The Hoover Co. Suction cleaners. 2,768,844, 10-16-56, Cl. 183-37.
- Humphreys, Anthony: See—
- James, Frederick O., and Humphreys. 2,755,294.
- Humphreys, David D.: See—
- Gratits, Albert F., Humphreys, and Leeper. 2,756,813.
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- Humphreys, David D., to Ethyl Corp. Aromatization of organic chlorine compounds. 2,729,686, 1-3-56, Cl. 260-650.
- Humphreys & Glasgow Ltd.: See—
- Mitcham, George E. 2,764,182.
- Humphreys Investment Co., The: See—
- Humphreys, Ira B. 2,758,582.
- Humphreys, Ira B. 2,769,433.
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- Humphreys, Ira B., to The Humphreys Investment Co. Internal combustion engine. 2,769,433, 11-6-56, Cl. 123-48.
- Hund, Frank C. 35% to W. H. Stevenson, and 15% to J. E. Montgomery. Slidable side jaw wrench with adjustment lock. 2,755,693, 7-24-56, Cl. 81-165.
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- Hungerford, Gerard J.: See—
- Bond, Robert D., and Hungerford. 2,765,127.
- Hungerford, Gordon P., and D. F. Jurgensen, Jr., to American Machine & Foundry Co. Tobacco sheet material and method of forming. 2,734,510, 2-14-56, Cl. 131-15.
- Hungerford, Gordon P., and J. T. Williamson, to American Machine & Foundry Co. Method and apparatus for making tobacco sheet material. 2,734,513, 2-14-56, Cl. 131-140.
- Hunkins, Everett D., to Garden Tools, Inc. Ground perforator and seeder. 2,747,528, 5-29-56, Cl. 111-92.
- Hunn, George W. Non-refillable bottle. 2,763,391, 9-18-56, Cl. 215-26.
- Hunsicker, Ernest G. Air raid warning device. 2,736,887, 2-28-56, Cl. 340-310.
- Hunsicker, Harold Y.: See—
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- Hunt, A. H., Capacitors Ltd.: See—
- Grouse, Richard A. 2,729,878.
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- Hunt, Arthur E., to A. E. Hunt, G. B. Beatty, and M. W. Grady. Coupling system for interchangeably connecting the wiring systems of trucks and trailers. Re. 24,259, 12-25-56, Cl. 307-10.
- Hunt, Barnard & Co. Ltd.: See—
- Leader, Philip, and. 2,765,732.
- Hunt, Brian E., and A. B. McKeag, to General Electric Co. Method of making electroluminescent zinc sulfide phosphor. 2,743,238, 4-24-56, Cl. 252-301.6.
- Hunt, Charles C. Machine for manufacturing reversible pile fabric and a product therefrom known as "chenille". 2,750,443, 8-21-56, Cl. 112-79.
- Hunt, Charles E., to Shawinigan Chemicals Ltd. Process for preparation of acetyl acetone. 2,737,528, 3-6-56, Cl. 260-593.
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- Stryker, Garrett B. 2,741,379.
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- Hunt, Frederick V., N. B. Saunders, and R. E. Kirkland, to the United States of America as represented by the Secretary of the Navy. Demodulator device. 2,742,566, 4-17-56, Cl. 189-20.
- Hunt, George A.: See—
- Hatch, Alden B., Hunt, and Lien. 2,763,591.
- Hunt, Glen B.: See—
- Chartier, Maurice J., and Hunt. 2,763,176.
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- Black, Kermit K., and Hunt. 2,742,609.
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- Hunt, John O. Resistance let-offs. 2,755,822, 7-24-56, Cl. 139-109.
- Hunt, John O. Warp let-off for looms. 2,755,823, 7-24-56, Cl. 139-110.
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- Hunt, John S., T. Walker, and D. H. R. Barton, to Glaxo Laboratories Ltd. Process for monoolesterification at the 20-position of 11,20-olopregnanes. 2,751,398, 6-19-56, Cl. 260-397.45.
- Hunt, John W. and W. A.: said W. A. Hunt assor. to said J. W. Hunt. Cutlery device. 2,771,674, 11-27-56, Cl. 30-142.
- Hunt, John W., and J. P. Schafer, to Bell Telephone Laboratories, Inc. Apparatus for detecting and correcting amplitude distortion. 2,738,417, 3-13-56, Cl. 250-6.
- Hunt, Manley L., Jr., and B. C. Sparkman. Cartridge reloading device. 2,775,157, 12-25-56, Cl. 86-23.
- Hunt, Richard M.: See—
- McElroy, Albert D., and Hunt. 2,772,228.
- Hunt, Robert E., and J. Nagy. Material handling apparatus of the conveyor type. 2,773,608, 12-11-56, Cl. 214-14.
- Hunt, Robert G., and W. W. Hunt, to Marco Products Co. Plumber's tool. 2,769,191, 11-6-56, Cl. 15-104.3.
- Hunt, Rodney, to Machine Co.: See—
- Belcher, Harold H. 2,774,415.
- Owens, Glenn E., Jr., and Rogers. 2,741,112.
- Hunt, Scott F., to Bendix Aviation Corp. Carburetor. 2,746,439, 5-22-56, Cl. 123-119.
- Hunt, Stanley H.: See—
- Elston, Rue R., and Hunt. 2,738,654.
- Hunt, Stanley H., to Napco Industries, Inc. Valve for sand distributing mechanism. 2,768,013, 10-23-56, Cl. 291-23.
- Hunt, Walter W.: See—
- Hunt, Robert G. and W. W. 2,769,191.
- Hunt, William A.: See—
- Hunt, John W. and W. A. 2,771,674.
- Hunt, William T.: See—
- Bennett, Rufus B., Hunt, Powers, and Speed. 2,766,310.
- Hunt, William T., Jr.: See—
- Storey, Charlton H., Jr., and Storey. 2,735,053.
- Hunt, William T., Jr., and C. H. Storey, Jr. to Westinghouse Electric Corp. Motor controlled tensioning system with inertia compensation. 2,743,151, 4-24-56, Cl. 318-6.
- Hunt, William T., Jr., and G. E. Mathias, to Westinghouse Electric Corp. Motor control system. 2,773,229, 12-4-56, Cl. 318-144.
- Hunter, Andrew: See—
- Greener, Raymond A., and Hunter. 2,747,188.
- Hunter, Byron A.: See—
- Bill, John C., and Hunter. 2,732,305.

- Hunter, Byron A., to United States Rubber Co. Triaryl phosphite stabilizers for synthetic rubbers. 2,733,226, 1-31-56, Cl. 260-29.7.
- Hunter, Byron A., to United States Rubber Co. P-polyxybis-(benzenesulfonylazide) and process. 2,741,624, 4-10-56, Cl. 260-34.9.
- Hunter, Cecil M. Airspeed indicator with altitude correction. 2,743,608, 5-1-56, Cl. 73-182.
- Hunter, Charles W., to Vendo Co. Vending machine shelf having bottle feeding mechanism. 2,750,049, 6-12-56, Cl. 211-49.
- Hunter Douglas Corp. : See—
- Hunter, Joseph L. 2,752,649.
- Hunter, Edwra A. : See—
- Billosly, Julius P., Hunter, Polack, and Segura. 2,732,349.
- Kimberlin, Charles N., Jr., and Hunter. 2,762,783.
- Hunter, Edward A., and N. Kimberlin, Jr., to Esso Research and Engineering Co. Process of preparing platinum-alumina hydroforming catalysts. 2,746,937, 5-22-56, Cl. 252-46.6.
- Hunter, Edwin J. Automatic irrigation devices. 2,743,552, 5-1-56, Cl. 47-1.
- Hunter Fan and Ventilating Co., Inc. : See—
- Buttner, Carl M. 2,737,788.
- Hunter, George A. Liquid dispensing apparatus. 2,745,574, 5-15-56, Cl. 22-139.
- Hunter, Gerald G., to Balwin Rubber Co. Load supporting and vibration damping mounting. 2,730,356, 1-10-56, Cl. 267-63.
- Hunter, Gordon S. : See—
- Russell, Charles, Hunter, and Gregory. 2,756,593.
- Hunter, Howard L. : See—
- Clarke, William B., Hunter, and Santucci. 2,761,507.
- Hunter, James, Machine Co. The : See—
- Gagant, Louis M. 2,771,657.
- Morrill, Frank B. 2,771,657.
- Morrill, Frank B. 2,771,658.
- Morrill, Frank B., and Rust. 2,729,446.
- Hunter, James B., to The Atlantic Refining Co. Silver-palladium film for separation and purification of hydrogen. 2,773,561, 12-11-56, Cl. 183-115.
- Hunter, James E., Jr. : See—
- Bing, Herbert A., Erlichman, and Hunter. 2,740,338.
- Bing, Herbert A., and Hunter. 2,740,340.
- Hunter, James P., to General Electric Co. Mobile vacuum cleaner having a hose adapted to be used as a pushing or pulling means therefor. 2,769,998, 11-13-56, Cl. 15-327.
- Hunter, Joseph L., to Hunter Douglas Corp. Feed spout for continuous casting machine. 2,752,649, 7-3-56, Cl. 22-57.4.
- Hunter, Joseph L., and H. W. Breathitt, Jr., to Minerals & Chemicals Corp. of America. Process for concentrating phosphate ores. 2,750,036, 6-12-56, Cl. 209-166.
- Hunter, Loy R., to Phillips Petroleum Co. Underground storage system. 2,749,714, 6-12-56, Cl. 62-1.
- Hunter, Maude F. Tie for surgical packs. 2,734,543, 2-14-56, Cl. 150-52.
- Hunter Metallic Products Corp. : See—
- Hunter, Samuel N. 2,743,188.
- Hunter, Philip : See—
- Vincent, John J., and Hunter. 2,745,281.
- Hunter, Philip E., to Rolls-Royce Ltd. Gas-turbine engines and nozzle-guide-vane assemblies therefor. 2,741,455, 4-10-56, Cl. 253-39.1.
- Hunter, Richard S., to Henry A. Gardner Laboratory, Inc. Exposure head for photometric comparator instruments. 2,739,246, 3-20-56, Cl. 250-220.
- Hunter, Robert H. : See—
- Brandner, John D., and Hunter. 2,729,571.
- Hunter, Samuel N., to Hunter Metallic Products Corp. Putty. 2,743,188, 4-24-56, Cl. 106-287.
- Hunter, Scott L. Reversible pump. 2,735,366, 2-21-56, Cl. 103-3.
- Hunter, Thomas, Ltd. : See—
- Young, Samuel D. 2,765,600.
- Hunter, William A. : See—
- Sechrist, Harry S., and Hunter. 2,762,964.
- Hunter, William A., to Chrysler Corp. Fluid circulation source for power steering. 2,733,662, 2-7-56, Cl. 103-42.
- Hunter, William A., to T. M. M. (Research) Ltd. Carding engines. 2,737,689, 3-13-56, Cl. 19-99.
- Hunter, William A., to Chrysler Corp. Valve means with built in dashpot. 2,737,643, 3-7-56, Cl. 121-46.5.
- Hunter, William A., R. M. Blackburn, and W. Nutter, to T. M. M. (Research) Ltd. Textile drafting apparatus. 2,751,631, 6-26-56, Cl. 19-131.
- Hunter, William A., F. Singleton and L. Witcombe, to T. M. M. (Research) Ltd. Feeding means for textile fibrous material. 2,759,225, 8-21-56, Cl. 19-69.
- Hunter, William T., and J. S. Buck, to Sterling Drug Inc. New chemical compounds and their preparation. 2,734,920, 2-14-56, Cl. 260-570.9.
- Hunter, Wilmont L. : See—
- Holbrook, James G., and Hunter. 2,769,088.
- Hunting, Ronald W. Process and apparatus for subsurface washing. 2,773,829, 12-11-56, Cl. 210-24.
- Huntington, Alfred H., to The Cleveland Crane & Engineering Co. Overhead carrier. 2,731,158, 1-17-56, Cl. 212-131.
- Huntington, Glen H. Methods and means for preparing and laying sheet metal roofing. 2,751,673, 6-26-56, Cl. 29-42.9.
- Huntley, Alva E., to Farmland Irrigation Co., Inc. Device for moving wheel-mounted irrigation pipeline. 2,730,403, 1-10-56, Cl. 299-47.
- Huntley Mfg. Co. : See—
- Paul, Frederick J. 2,755,931.
- Hunting, William C., to Dairymat Corp. Sanitary pouring surface for cans and the like. 2,740,547, 4-3-56, Cl. 220-24.
- Hunziker, Charles E. Hollow leaf pressure filter. 2,732,079, 1-24-56, Cl. 210-182.
- Hunziker, Charles E. Leaf anchoring means. 2,772,000, 11-27-56, Cl. 210-153.
- Hunziker, Louis A. Apparatus for reconditioning chain saw bars. 2,762,170, 9-11-56, Cl. 51-96.
- Huot, Henry E., and J. A. Ducharme, to Huot Mfg. Co. Double lock for cabinet. 2,729,088, 1-3-56, Cl. 70-63.
- Huot Mfg. Co. : See—
- Aulison, William D., and Ducharme. 2,729,088.
- Hupert, Julius A., B. Przedpelski, and K. Ringer, to A. R. F. Products, Inc. Double counter demodulator circuit. 2,770,727, 11-13-56, Cl. 250-27.
- Hupp, Arleigh G., to Borg-Warner Corp. Wall-oven. 2,739,584, 3-27-56, Cl. 126-21.
- Hupp, Arleigh G., to Andrus & Seales. Power driven implement attachment for garden tractors. 2,751,833, 6-26-56, Cl. 97-40.
- Hupp Corp. : See—
- Allison, William D. 2,765,667.
- Blum, Emilie J. 2,756,334.
- Brown, Richard J. 2,764,996.
- Chadwick, Lee S. 2,775,237.
- Lawson, David E., U. van, and Crider. 2,755,979.
- Pickles, Joseph. 2,760,381.
- Raymond, David L., and Spooner. 2,775,293.
- Resek, Marc, Kirkpatrick, and Schneider. 2,742,034.
- Rossman, Peter F., and Rath. 2,771,789.
- Schultz, Wm. A., and Moore. 2,747,799.
- Hupp, Edward E., to Bendix Aviation Corp. Power boost control. 2,745,383, 5-15-56, Cl. 121-41.
- Huppert, Paul, and A. F. Jakubczak, to General Ceramics Corp. Process of coating metal with mica and article. 2,746,812, 12-13-56, Cl. 117-33.
- Huppert, Perry I., and S. to J. P. S. Products, Inc. Door opening device. 2,747,863, 5-29-56, Cl. 268-59.
- Huppert, Sidney : See—
- Huppert, Perry I., and S. 2,747,863.
- Hurd, Albert R. Window opener. 2,766,008, 10-9-56, Cl. 254-129.
- Hurd, Claud C., to The Hoover Co. Suction cleaners. 2,734,595, 2-14-56, Cl. 183-51.
- Hurd, Claud C., to The Hoover Co. Filter mounting means. 2,766,838, 10-9-56, Cl. 183-51.
- Hurd, Clifford W. Electrical contacting device. 2,742,543, 4-17-56, Cl. 200-67.
- Hurd, Dallas T., to General Electric Co. Insulated electric conductors. 2,745,898, 5-15-56, Cl. 1-14.
- Hurd, Dallas T., to General Electric Co. Coaxial high frequency conductor and process of its fabrication. 2,754,350, 7-10-56, Cl. 174-102.
- Hurd, Dallas T., and R. C. Osthoff, to General Electric Co. Method for preparing organopolysiloxanes using cesium hydride. 2,737,506, 3-6-56, Cl. 260-56.5.
- Hurd, Hubert O., to Trio Production Co. Countersink gauge. 2,758,382, 8-14-56, Cl. 33-172.
- Hurdle, Joseph H., and J. E. and R. H. Curl. Cotton harvesting sack. 2,732,872, 3-31-56, Cl. 150-2.
- Huré, Jacques, and R. Saint-James, to Commissariat a l'Energie Atomique. Method for separating and purifying zirconium and hafnium. 2,757,081, 7-31-56, Cl. 75-121.
- Hurko, Bohdan, to American Radiator & Standard Sanitary Corp. Sanitary fixture. 2,762,058, 9-11-56, Cl. 4-7.
- Hurko, Bohdan, and E. P. Robare, to American Radiator & Standard Sanitary Corp. Flush valve. 2,773,268, 12-11-56, Cl. 4-57.
- Hurlbert, Charles E., to Bendix Aviation Corp. Gyroscope. 2,747,413, 5-29-56, Cl. 74-5.2.
- Hurlbert, Charles E., to Bendix Aviation Corp. Compass system. 2,755,562, 7-24-56, Cl. 33-222.
- Hurlbert, Charles E., and R. H. Deahl, to Bendix Aviation Corp. Frequency subdividing means for a flux valve compass system. 2,773,955, 12-11-56, Cl. 250-36.
- Hurlbert, Edward M. : See—
- Hurlbert, Fred F., and Gillispie. 2,746,778.
- Hurlbert, Fred F., and Gillispie. 2,757,026.
- Hurlbert, Fred F., and C. H. Gillispie, 20% to H. F. Hurlbert, 20% to E. M. Hurlbert, and 20% to G. H. Lezer. Journal box grease seal. 2,746,778, 5-22-56, Cl. 286-6.
- Hurlbert, Fred F., and C. H. Gillispie, 20% to H. F. Hurlbert, 20% to E. M. Hurlbert, and 20% to G. H. Lezer. Journal box seal. 2,757,026, 7-31-56, Cl. 286-6.
- Hurlbert, Harold F. : See—
- Hurlbert, Fred F., and Gillispie. 2,746,778.
- Hurlbut, Cornelius S., Jr., to Cambridge Thermionic Corp. Radiant band selector. 2,742,818, 4-24-56, Cl. 88-65.
- Hurlbut, Lloyd W., to Research Corp. Harvesting machine for row crop stalks. 2,770,087, 11-13-56, Cl. 56-66.
- Hurley, Charles W., to the United States of America as represented by the Secretary of the Army. Spring loaded seal means. 2,736,457, 2-28-56, Cl. 220-40.
- Hurley, Charles W., to the United States of America as represented by the Secretary of the Army. Resilient disc closure. 2,773,621, 12-11-56, Cl. 220-39.



- Hurley, Charles W., to the United States of America as represented by the Secretary of the Army. Sealing disc closure. 2,774,507, 12-18-56, Cl. 220-39.
- Hurley, Earl H. Swing construction. 2,757,714, 8-7-56, Cl. 155-65.
- Hurley, John C.: *See*—  
Matthews, Harry L. 2,746,554.
- Hurley, John F., to Central States Industrial Supply Co. Method of reinforcing cores, utilizing glass tubes. 2,752,652, 7-3-56, Cl. 22-172.
- Hurley, Robert E., and J. O. Simpkins, Jr., to Radio Corp. of America. Ferroporous bodies and methods of making same. 2,762,776, 9-11-56, Cl. 252-62.5.
- Hurley, Roy T., to Curtiss-Wright Corp. Insect deflector for automobiles. 2,757,954, 8-7-56, Cl. 296-91.
- Hurry, James.: *See*—  
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- Hursh, John W.: *See*—  
Finn, Sidney J., Benedict, Schaefer, and Hursh. 2,740,142.
- Hursh, Samuel R. Spike pulling apparatus. 2,732,173, 1-24-56, Cl. 254-18.
- Hursh, Samuel R., and J. B. McWilliams. Railway track ballast tamping apparatus. 2,734,463, 2-14-56, Cl. 104-12.
- Hursh, Samuel R., and C. J. Reigh. Adjustment mechanism for kicker-type ballast remover. 2,743,539, 5-1-56, Cl. 37-104.
- Hurst, Edward, to Rexall Drug Co. Abrasive article and method of making. 2,768,483, 10-30-56, Cl. 51-195.
- Hurst, Erwin.: *See*—  
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- Hurst, George S., to the United States of America as represented by the United States Atomic Energy Commission. Fast neutron dosimeter. 2,761,071, 8-28-56, Cl. 250-83.1.
- Hurst, Leonard L., Jr., and E. K. Hodson, to International Electric Fence Co., Inc. Fence charger controller circuit. 2,767,831, 10-16-56, Cl. 307-132.
- Hurst, Norman A.: *See*—  
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- Hurst, Douglas M., and Hurst. 2,738,007.
- Hurst, Roschold, to Ford Motor Co. Shell molding apparatus. 2,741,005, 4-10-56, Cl. 22-32.
- Hurst, William M., to the United States of America as represented by the United States Atomic Energy Commission. Liquid monitoring device. 2,738,426, 3-13-56, Cl. 250-43.5.
- Hurt, Arthur S., Jr. Adjustable louver. 2,759,410, 8-21-56, Cl. 98-40.
- Hurt, Victor H., to the United States Rubber Co. Life saving device. 2,742,654, 4-24-56, Cl. 9-17.
- Hurtado, Aurelio. Toy folding wing glider and launcher. 2,765,582, 10-9-56, Cl. 46-80.
- Hurthig, Peter E.,  $\frac{1}{2}$  to E. D. W. Maxwell. Amphibious vehicle and endless propelling belts therefor. 2,766,830, 7-31-56, Cl. 180-9.1.
- Hurwitz, Henry Jr.: *See*—  
Moyer, James W., and Hurwitz. 2,753,462.
- Hurwitz, Marvin J.: *See*—  
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- Hurwitz, Melvin D., to Rohm & Haas Co. Cross-linked copolymers of the esters of acrylic and methacrylic acid. 2,729,625, 1-3-56, Cl. 260-80.5.
- Hurwitz, Melvin D., to Rohm & Haas Co. Stable condensates of urea and formaldehyde in the presence of methanol. 2,730,356, 6-12-56, Cl. 260-70.
- Hurwitz, Melvin D., and R. W. Auten, to Rohm & Haas Co. Liquid monomers. 2,765,356, 10-2-56, Cl. 260-561.
- Hurwitz, Murry L.: *See*—  
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- Hux, Adrianus A.: *See*—  
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- Hux, Adrianus A., to Hartford National Bank and Trust Co., as trustee. Gas or vapor discharge tube. 2,748,309, 5-29-56, Cl. 313-197.
- Husa, Howard W., to Standard Oil Co. Portable quench oil tester. 2,730,894, 1-17-56, Cl. 73-53.
- Huse, Arthur E.: *See*—  
Nye, Carl H., Bach, and Huse. 2,772,668.
- Huse, Hans V., to Hydraulik A/S. Hydraulic system and control means therefor. 2,736,170, 2-28-56, Cl. 60-53.
- Huser, Richard J., and A. H. Stuhlfreyer, to The Western States Machine Co. Centrifugal braking and control apparatus. 2,731,113, 1-17-56, Cl. 188-105.
- Huskey, Ralph D.: *See*—  
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- Husman, Chester N.: *See*—  
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- Husqvarna Vapenfabriks Aktiebolag.: *See*—  
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- Huss, Richard.: *See*—  
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- Huss, Richard, and Weissert. 2,739,146.
- Huss, Richard, W., Happe, A., Siebert, and J. Weissert, to Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius und Bruning. Polyzoo-dyestuffs. 2,758,109, 8-7-56, Cl. 260-169.
- Huss, William S.: *See*—  
Grunert, Ronald K., and Huss. 2,759,774.
- Hussa, Leopold R. Power take-off unit. 2,767,816, 10-23-56, Cl. 192-48.
- Hussey, Gardner K., to Graton & Knight Co. Loom bumper strap. 2,760,526, 8-28-56, Cl. 139-166.
- Hussman, Herman J. R.: *See*—  
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- Hussman, Albrecht W., to the United States of America as represented by the Secretary of War. Pressure exchanger with combined static and dynamic pressure exchange. 2,738,123, 3-13-56, Cl. 230-69.
- Hussong, James C., and K. Y. Messick, to Thompson Trailer Corp. Boom lifting device. 2,772,789, 12-4-56, Cl. 212-8.
- Husted, Donald R., and A. H. Ahlbrecht, to Minnesota Mining & Mfg. Co. N-substituted amide derivatives of 1,1-dihydro-2-chloroalkylamines. 2,743,297, 4-24-56, Cl. 260-561.
- Huston, Doris K. Ornamental clasp. 2,735,150, 2-21-56, Cl. 24-85.
- Huston, William D., to American Machine and Metals, Inc. Instruments. 2,770,247, 11-13-56, Cl. 137-85.
- Husum, Charles W., to Owens-Illinois Glass Co. Method of securing gaskets in container closures. 2,731,071, 1-17-56, Cl. 154-89.
- Huszar, Kalman Z. Machine for the production of convolutions in wire. 2,737,212, 3-6-56, Cl. 140-71.
- Hutchason, John M.: *See*—  
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- Hutchings, Brian L., R. W. Broschard, and C. W. Waller, to American Cyanamid Co. Methods of preparing phthalic acid derivatives. 2,753,373, 7-3-56, Cl. 260-521.
- Hutchings, Brian L., and S. Gordon, to American Cyanamid Co. Catalysts. 2,765,178, 4-23-56, Cl. 260-343.3.
- Hutchings, John H., to Nations Electronics, Inc. Liquid-cooled gaseous-discharge tube. 2,756,027, 7-24-56, Cl. 257-2.
- Hutchings, Herschel. Draft device with plural connections. 2,743,117, 1-24-56, Cl. 280-456.
- Hutchings, Le Roi E.: *See*—  
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Annable, Weldon G., Hutchings, and Lucas. 2,769,761.  
Annable, Weldon G., Hutchings, and Lucas. 2,769,762.
- Hutchings, Le Roi E., to The Pure Oil Co. Preparation of specialty naphthenes from high sulfur crudes. 2,761,815, 9-4-56, Cl. 196-28.
- Hutchings, Le Roi E., and M. M. Marisic, to The Pure Oil Co. Combination process for catalytic hydrodesulfurization and reforming of high sulfur hydrocarbon mixtures. 2,769,753, 11-6-56, Cl. 196-24.
- Hutchins, Alma A.: *See*—  
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- Hutchins, Joseph W., to Phillips Petroleum Co. Differential analyzer and control system. 2,764,536, 9-25-56, Cl. 202-06.
- Hutchins, Joseph W., and E. C. Miller, to Phillips Petroleum Co. Method of and apparatus for analyzing hydrocarbon gases. 2,765,409, 10-2-56, Cl. 250-43.5.
- Hutchins, Marsden C., to American Cyanamid Co. Color improvement of unsized porous paper. 2,730,446, 1-10-56, Cl. 92-2.
- Hutchins, Samuel F. Garden cultivator and weeder. 2,737,101, 3-6-56, Cl. 97-63.
- Hutchinson, Archibald D. L. Dump trucks. 2,731,293, 1-17-56, Cl. 298-22.
- Hutchinson, Archibald D. L. Recoil mechanism for dump trucks. 2,765,650, 9-11-56, Cl. 298-19.
- Hutchinson, Charles W.: *See*—  
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- Hutchinson, Clyde E. Filter units. 2,761,565, 9-4-56, Cl. 210-158.
- Hutchinson, Floyd K. Electric livestock gate. 2,769,617, Cl. 268-72.
- Hutchinson, Franklin, and M. A. Herlin, to the United States of America as represented by the Secretary of the Navy. Tunable stabilized magnetron. 2,769,937, 11-6-56, Cl. 315-39.77.
- Hutchinson, Harold.: *See*—  
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- Hutchinson, Herman R., to C. F. Rump & Sons. Pass case wallet. 2,748,821, 6-5-56, Cl. 150-39.
- Hutchinson, Howard G.: *See*—  
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- Hutchinson, James O., and J. W. Taylor, Jr., to Westinghouse Electric Corp. Gated amplifier. 2,757,284, 7-31-56, Cl. 250-27.
- Hutchinson, John L. Closure operator. 2,772,087, 11-27-56, Cl. 292-0.5.
- Hutchinson, Margaret H., to Stone & Webster Engineering Corp. Fractionating tray. 2,767,967, 10-23-56, Cl. 261-113.
- Hutchinson, Oscar T. Pea and bean filling machine. 2,730,284, 1-1-56, Cl. 226-97.
- Hutchinson, William. Universally adaptable controlled steering system for industrial trailer trucks. 2,763,493, 9-18-56, Cl. 280-99.
- Hutchinson, Alexander C., to Imperial Chemical Industries Ltd. Solid gas-generating charges. 2,744,816, 5-8-56, Cl. 52-0.5.
- Hutchinson, Gibson T.: *See*—  
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- Hutchinson, Robert R., to General Motors Corp. Automatic choke. 2,746,438, 5-22-56, Cl. 123-119.
- Hutchinson, Robert R., to General Motors Corp. Gasket. 2,771,870, 11-27-56, Cl. 123-193.
- Huth, Carl M.: *See*—  
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- Huth, Wilbur M. Articulated toy for amusement. 2,750,189, 6-12-56, Cl. 272-31.

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- Hutnick, Benjamin. Stop motion for braiding machines. 2,774,274, 12-18-56, Cl. 87-18.
- Huttlinger, Kurt J.: See—  
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- Hutto, John F. and W. N. Axe, to Phillips Petroleum Co. Recovery of sulfonic acids from petroleum fractions. 2,757,194, 7-31-56, Cl. 260-504.
- Hutto, Marsden C., Jr. Bore gage. 2,771,687, 11-27-56, Cl. 38-178.
- Hutton, Frank E.: See—  
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- Hutton, Philip C., to Silentbloc Ltd. Flexible joints. 2,740,050, 4-26-56, Cl. 287-85.
- Hutton, Philip C., to Silentbloc Ltd. Apparatus for assembling flexible bearings. 2,741,021, 4-10-56, Cl. 29-235.
- Hutton, Philip C., to Silentbloc Ltd. Resilient supports. 2,755,056, 7-17-56, Cl. 248-358.
- Hutton, Robert W., to International Telephone and Telegraph Corp. Crossbar-switch selector system. 2,768,241, 10-23-56, Cl. 179-22.
- Hutton, Robert W., and E. J. Leonard, to International Telephone and Telegraph Corp. Crossbar-switch connector system. 2,773,128, 12-4-56, Cl. 179-22.
- Hutzelman, Howard E., to Corry-Jamestown Mfg. Corp. Combined handle and drawer latch. 2,732,240, 1-24-56, Cl. 292-175.
- Hutzelman, Howard E., to Corry-Jamestown Manufacturing Corp. Suspension for extendable typewriter shelf. 2,738,247, 3-13-56, Cl. 312-27.
- Hutzelman, Howard E., to Corry-Jamestown Mfg. Corp. Drawer slides. 2,761,272, 6-19-56, Cl. 312-341.
- Hutzelman, Howard E., to Corry-Jamestown Mfg. Corp. Suspension for extendable typewriter shelf. 2,766,091, 10-9-56, Cl. 312-27.
- Hutzenlaub, John F.: See—  
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- Huwylor, Alois: See—  
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- Huxley, Thomas C., III, and N. G. Kling, to Conitech, Ltd. Artificial respiration apparatus. 2,758,594, 8-14-56, Cl. 128-30.
- Huxley, Thomas C., III, to Conitech, Ltd. Respirator pumping apparatus. 2,762,200, 9-11-56, Cl. 60-62.5.
- Huxley, Thomas C., III, and I. Eckman, to Conitech, Ltd. Artificial respiration apparatus. 2,762,366, 9-11-56, Cl. 128-30.
- Huxley, Thomas C., III, to Conitech, Ltd. Artificial respiration apparatus. 2,772,673, 12-4-56, Cl. 128-30.
- Huyek, F. C., and Sons: See—  
Skeer, John D., and Dunlap, 2,748,445.
- Huyett, Daniel D., to Atlas Powder Co. Tray support for electric blasting initiator wires. 2,759,251, 8-21-56, Cl. 29-286.
- Huyett, Daniel D., to Atlas Powder Co. Shell crimping machine. 2,765,700, 10-56, Cl. 86-39.
- Huyett, Daniel D., to Atlas Powder Co. Multiple assembling machine for electric blasting initiators. 2,773,409, 12-11-56, Cl. 86-10.
- Huyser's: See—  
Catheride, Marvin R., 2,768,491.
- Huyer, Francis C., to American Machine and Metals, Inc. Grips for use in tension testing machines. 2,729,869, 1-10-56, Cl. 24-263.
- Huzzard, Robert W., to Chrysler Corp. Interconnected vehicle rear window and seat for movement in unison. 2,762,648, 9-11-56, Cl. 296-44.
- Hvistendahl, Nels J., to Amalgam mixers. 2,759,712, 8-21-56, Cl. 259-72.
- Hyatt, Abraham: See—  
Driggs, Ivan H., Hyatt, and Ellis, 2,743,886.
- Hyatt, David H., H. R. Sigmon, and C. R. Adams; said Hyatt assor. to said Sigmon and said Adams. Tractor driven boring implement. 2,752,122, 6-26-56, Cl. 255-20.
- Hycon Mfg. Co.: See—  
McFadden, William C., 2,758,526.  
McFadden, William C., 2,758,527.
- Hyde, Cyrus L., 1/4 to H. D. Hazlehurst. Rotary valve-type engine. 2,730,058, 1-10-56, Cl. 123-59.
- Hyde, Donald B., deceased, by J. P. Hyde, executrix, to J. P. Hyde. Bird feeder. 2,770,220, 11-13-56, Cl. 119-60.
- Hyde, Edward M.: See—  
Powischik, John W., and Hyde, 2,749,736.
- Hyde, James F., to Dow Corning Corp. Method of separating chlorosilanes. 2,738,359, 3-13-56, Cl. 260-448.2.
- Hyde, James F., to Dow Corning Corp. Preparation of silane esters. 2,746,982, 5-22-56, Cl. 260-448.8.
- Hyde, John W.: See—  
Porter, Frederick W. B., and Hyde, 2,755,225.  
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- Hyde, Joyce P.: See—  
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- Hyde Mfg. Co.: See—  
Ferguson, Alan C., 2,754,584.
- Hyde, Robert W.: See—  
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- Hyde, Robert W., to The Schaible Co. Drinking fountain attachment. 2,747,930, 5-29-56, Cl. 299-11.
- Hyde, Robert W., to The Schaible Co. Faucet construction. 2,756,775, 7-31-56, Cl. 137-636.
- Hydraulic Unit Specialties Co.: See—  
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- Hydraulik A/S: See—  
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- Hydril Corp.: See—  
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- Hydro-Blast Corp., The: See—  
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- Hydrocarbon Research, Inc.: See—  
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- Hydro Electric Power Commission of Ontario, The: See—  
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- Hydrofil Corp., The: See—  
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- Hydropress, Inc.: See—  
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- Hyer, Fred. Can opening key guide. 2,755,957, 7-24-56, Cl. 220-52.
- Hygienol Co., Inc.: See—  
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- Hygrade Food Products Corp.: See—  
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- Hyland, Alexander G., to Western Electric Co., Inc. Assembly of dissimilar materials and method of manufacture. 2,764,267, 9-25-56, Cl. 189-9.
- Hyland, John E. Snow and ice remover. 2,732,573, 1-31-56, Cl. 15-82.
- Hyland, John F., to Minneapolis-Honeywell Regulator Co. Constant voltage source. 2,742,901, 4-17-56, Cl. 321-16.
- Hyland, William A., and W. E. Ten Pas, to John Deere Van Brunt Co. Fertilizer distributor. 2,768,767, 10-30-56, Cl. 222-47.
- Hylas, Albert E., and W. V. Tyminski, to Allen B. Du Mont Laboratories, Inc. Electrical hybrid ring network. 2,735,986, 2-21-56, Cl. 333-11.
- Hylton, Barbara L. Commode seat lid lifter. 2,758,315, 8-14-56, Cl. 4-251.
- Hylton, Katherine M., and H. R. McMenamin, IV. Collapsible baby bathtub. 2,728,920, 1-3-56, Cl. 4-177.
- Hyman, Charles M., and A. L. De Porter, to International Harvester Co. Flexible continuous floor between harvester and thresher on hillside combines. 2,762,185, 9-11-56, Cl. 56-209.
- Hyman, Julius: See—  
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- Hyman, Robert A.: See—  
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- Hynd, Irvin W. Automatic tank battery and control. 2,751,924, 6-26-56, Cl. 137-121.
- Hynes, Lee P., to Turbine Equipment Co. Electric heater. 2,750,487, 9-12-56, Cl. 219-19.
- Hynes, Lee P., to Turbine Equipment Co. Multipass electric heater. 2,756,320, 7-24-56, Cl. 219-39.
- Hynes, Lee P., to Turbine Equipment Co. Electric fluid heater. 2,775,682, 12-25-56, Cl. 219-38.
- Hyson, Westcott Dunning, Inc.: See—  
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- Hypro Engineering Co.: See—  
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- Hyre, John R.: See—  
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- Hysko, John L.: See—  
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- Hyster Co.: See—  
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- Hytron Radio & Electronics Co.: See—  
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- I-T-E Circuit Breaker Co.** : *See*—  
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 Edmunds, William H. 2,766,405.  
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 Gardiner, Frank J. 2,764,810.  
 Geiger, William C., Jr. 2,775,670.  
 Gooch, Frederic F. 2,765,021.  
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 Thumin, Carl. 2,761,093.  
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- I. T. E. M. S. R. L.** : *See*—  
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- Iala, Joseph A.** Conical headed fastener having annular sealing means positioned in said head. 2,752,814, 7-3-56, Cl. 9.
- Iannetti, Ernest D.** Quick attachable nut and bolt assembly. 2,742,073, 4-17-56, Cl. 151-15.
- Iannucci, Anthony D.** : *See*—  
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- Iatosta, Matthew J.** Modulating recording device. 2,761,753, 9-4-56, Cl. 346-62.
- Ibbott, Harold W.**, to Negretti & Zambra Ltd. Apparatus responsive to multiple fluid pressures. 2,736,199, 2-28-56, Cl. 73-205.
- Ibey, Robert R.** Cable chain for vehicle load binder. 2,738,204, 3-13-56, Cl. 280-179.
- Ice, Clark H.** : *See*—  
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- Icecrafter (Liquidating) Trust.** : *See*—  
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- Icenberger, William C.** Metal awnings. 2,761,500, 9-4-56, Cl. 160-132.
- Icenbice, Thomas J.**, to Collins Radio Co. Corrector unit for a coil winding machine. 2,771,250, 11-20-56, Cl. 242-9.
- Iexl, Jean J. G.** Trivalent chromium plating solution. 2,748,069, 5-29-56, Cl. 204-51.
- Idaho Sprocket and Machine Works.** : *See*—  
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- Iddings, Charles D.** : *See*—  
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- Idé, Walter S.** : *See*—  
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- Ideal Grain Cleaner Co.** : *See*—  
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- Ideal Industries, Inc.** : *See*—  
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- Ideal Roller and Mfg. Co.** : *See*—  
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- Ideal Stencil Machine Co.** : *See*—  
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- Idenden, John E.**, and L. J. Parrigin, to Esso Research and Engineering Co. Catalytic polymerization apparatus. 2,753,249, 7-3-56, Cl. 23-288.
- Idén, Ingman.** Lunch tray holder. 2,770,514, 11-13-56, Cl. 311-23.
- Idzi, Edward D.**, to Ogle R. Singleton. Apparatus for chilling and dispensing beer glasses. 2,739,455, 3-27-56, Cl. 62-102.
- Iesersack, Dante P.** Comb and method of making. 2,763,895, 8-25-56, Cl. 18-47.5.
- Ifland, John J.**, to International Telephone and Telegraph Corp. Stabilized amplifier. 2,741,668, 4-10-56, Cl. 179-171.
- Ifield, Richard J.**, to Joseph Lucas (Industries) Ltd. Liquid flow rate meters. 2,733,806, 2-7-56, Cl. 73-239.
- Ifield, Richard J.**, to Joseph Lucas (Industries) Ltd. Liquid supply and flow regulating means. 2,747,596, 5-29-56, Cl. 137-100.
- Ifield, Richard J.**, to Joseph Lucas (Industries) Ltd. Speed governors. 2,754,106, 7-10-56, Cl. 264-6.
- Igle, Edward J.** : *See*—  
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- Igloo Mfg. Co.** : *See*—  
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- Ihls, Friedrich.** : *See*—  
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- Ihrig, Clifford D.**, to Westinghouse Air Brake Co. Railway traffic controlling apparatus. 2,730,613, 1-10-56, Cl. 246-26.
- Ihrig, Clifford D.**, to Westinghouse Air Brake Co. Light-out protection in a three-block four-indication signaling system. 2,738,416, 3-15-56, Cl. 246-46.
- Ihrig, Harry K.**, to Allis-Chalmers Mfg. Co. Process for producing nodular graphite iron. 2,750,284, 6-12-56, Cl. 75-130.
- Ihringer, Gerhard**, to Rodi & Wiennberger Aktiengesellschaft. Expandable linkage with abutment pivot points. 2,755,617, 7-24-56, Cl. 59-79.
- Ikehara, Morio.** : *See*—  
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- Ikenberry, Ernest A.**, and J. G. Peterson, to The Dow Chemical Co. Preparation of 1,1,1-trihalo-2-chloro-2-methylalkanes. 2,764,619, 9-25-56, Cl. 230-652.
- Iknavay, Alfred N.**, to United States Rubber Co. Resilient self-sealing and self-lubricating valve for inflatable articles. 2,737,969, 3-13-56, Cl. 137-223.
- Iknavay, Alfred N.**, to United States Rubber Co. Valve stem. 2,758,081, 8-7-56, Cl. 204-197.
- Iknavay, Alfred N.**, L. C. Peterson, and H. J. Batts, to United States Rubber Co. Puncture-sealing pneumatic article. 2,756,801, 7-31-56, Cl. 152-347.
- Iknavay, Alfred N.**, L. C. Peterson, and H. J. Batts, to United States Rubber Co. Method of making a puncture-sealing pneumatic article by incorporating a sealant layer of butyl rubber pre-reacted with a curative. 2,771,936, 11-27-56, Cl. 154-15.
- Ikse, Janis I.** Dental spatulas. 2,733,509, 2-7-56, Cl. 32-70.
- Ilavsky, Jan.** : *See*—  
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- Iler, Ralph K.** : *See*—  
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- Iler, Ralph K.**, to E. I. du Pont de Nemours and Co. Solids coated with sterilis. 2,733,160, 1-31-56, Cl. 117-16.
- Iler, Ralph K.**, to E. I. du Pont de Nemours and Co. Chemical process and product. 2,739,074, 3-20-56, Cl. 106-308.
- Iler, Ralph K.**, to E. I. du Pont de Nemours and Co. Product and process. 2,739,075, 3-20-56, Cl. 106-308.
- Iler, Ralph K.**, to E. I. du Pont de Nemours and Co. Product and process. 2,739,076, 3-20-56, Cl. 106-308.
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- Iles, Frank R.**, to Radio Corp. of America. Soldering machine. 2,771,852, 11-27-56, Cl. 113-59.
- Ilford Ltd.** : *See*—  
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- Ilg, Frances L.** Toy support for play blocks. 2,774,180, 12-18-56, Cl. 46-1.
- Iiles, Rosina A.** Rosary with container for concealing pendant member. 2,769,249, 11-6-56, Cl. 35-23.
- Iligner, Karl.** Fisherman's anti-floating sinker. 2,770,909, 11-20-56, Cl. 43-43.14.
- Illingsworth, Bernard D.**, J. R. Dann, and J. W. Gates, Jr., to Eastman Kodak Co. Water-soluble protein resin copolymer. 2,763,625, 9-18-56, Cl. 260-8.
- Illingworth, James W.**, to Dunlop Tire and Rubber Corp. Method of bonding textile fibers to rubber. 2,739,918, 3-27-56, Cl. 154-92.
- Illinois Baking Corp.** : *See*—  
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- Illinois Duster & Brush Co.** : *See*—  
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- Illinois Powder Mfg. Co.: *See—*  
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- Illinois Railway Equipment Co.: *See—*  
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- Illinois Testing Laboratories, Inc.: *See—*  
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- Illinois Watch Case Co.: *See—*  
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- Ilman, John C., to Shell Development Co. Asphalt product and preparation thereof. 2,755,223, 7-17-56, Cl. 196-22.
- Ilisley, Ralph W.: *See—*  
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- Ilisley, Ralph W., to The Albright-Nell Co. Supporting leg structure for wheeled truck. 2,757,937, 8-7-56, Cl. 280-47-33.
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- Imber, Alfred G., to Aladdin Industries Ltd. Incandescent mantle support. 2,755,649, 7-24-56, Cl. 67-38.
- Imber, Jack, to Imber Research Ltd. Space heating apparatus. 2,754,815, 7-17-56, Cl. 126-96.
- Imber Research Ltd.: *See—*  
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- Imbert, Roger J.: *See—*  
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- Imbs, Joseph F. Packaging machine. 2,749,687, 6-12-56, Cl. 53-59.
- Imbs, Joseph F. Lined carton. 2,758,780, 8-14-56, Cl. 229-37.
- Imhausen Werke, G. m. b. H.: *See—*  
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- Imhof, Herman A., to United Shoe Machinery Corp. Machines for folding covers of ribbed insoles. 2,740,973, 4-10-56, Cl. 12-45.
- Imm, Lewis W., to Librascope, Inc. Monitorial recorder. 2,734,791, 2-14-56, Cl. 346-17.
- Imm, Ronald C., to The General Electric Co. Ltd. Electrical oscillation generators. 2,733,339, 1-31-56, Cl. 250-36.
- Immel, Ralph B., to Westinghouse Electric Corp. Snap-action switch. 2,734,959, 2-14-56, Cl. 200-67.
- Immel, Ralph B., to Westinghouse Electric Corp. Switch. 2,748,214, 5-29-56, Cl. 200-67.
- Immel, Ralph B., to Westinghouse Electric Corp. Motor acceleration system. 2,769,131, 10-30-56, Cl. 318-395.
- Immel, Ralph B., to Westinghouse Electric Corp. Snap action switch. 2,773,145, 12-4-56, Cl. 200-67.
- Immel, Ralph B., and L. Pierce, to Westinghouse Electric Corp. Switch. 2,734,958, 2-14-56, Cl. 200-67.
- Immel, Ralph B., and M. Wibell, to Westinghouse Electric Corp. Snap action switch. 2,773,144, 12-4-56, Cl. 200-67.
- Immerman, Meyer. Resin bonded cement. 2,768,563, 10-30-56, Cl. 22-92.
- Immesoete, Arthur J.: *See—*  
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- Immesoete, Arthur J., to Deere & Co. Marker control arm mounting. 2,759,409, 8-21-56, Cl. 97-230.
- Imming, Cornell A., to Car-Mon Products Co. Floor receptacle for use with a monoxide gas exhaust system. 2,765,752, 10-9-56, Cl. 104-52.
- Imparato, Jack G., to J. J. Imparato. Adaptor coupling rings for drums. 2,743,031, 4-24-56, Cl. 220-23.4.
- Imparato, John J.: *See—*  
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- Imperial Brass Mfg. Co., The: *See—*  
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- Imperial Chemical Industries Ltd.: *See—*  
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Seed, John B., and Waldie. 2,765,668.  
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- Imperial Cold Storage and Supply Co. Ltd.: *See—*  
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- Impey, Charles E., J. A. Christ, and E. W. Johnson, to Vapor Heating Corp. Mechanically rebalanced temperature sensing bridge. 2,729,396, 1-3-56, Cl. 236-68.
- Improved Machinery, Inc.: *See—*  
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- Imse, Philip J., and E. E. Swansen, to Chain Belt Co. Spring clip for sprocket chains. 2,775,156, 12-25-56, Cl. 85-8.8.
- Imshaug, Arnold L. Method of locating pictorial cuts on newspaper pages. 2,772,631, 12-4-56, Cl. 101-426.
- Inamorato, Jack T.: *See—*
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- Incorvial, Leo. Butter savor for "corn on the cob." 2,730,878, 1-17-56, Cl. 65-12.
- Inden, Eduard. Shipping container. 2,775,364, 12-25-56, Cl. 220-97.
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- Falk, Joel D. 2,738,698.
- Independent Nail and Packing Co. Inc., The: *See—*
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- Indevco, Inc.: *See—*
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- Indiana Commercial Filters Corp.: *See—*
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- Dudchik, Nicholas. 2,763,372.
- Furey, George B. 2,772,778.
- Gardes, Alfred W. 2,744,632.
- Gardes, Alfred W. 2,772,786.
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- Industrial Equipment Co.: *See—*
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- Industrial Hardware Mfg. Co., Inc.: *See—*
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- Offerman, Seymour. 2,745,081.
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- Industrial Heat Engineering Co.: *See—*
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- Industrial Instrument Corp.: *See—*
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- Rosenthal, Robert. 2,764,892.
- Industrial Lamp Corp.: *See—*
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- Industrial Machine Tool Co., Inc.: *See—*
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- Westman, Elmer A. 2,741,346.
- Westman, Elmer A. 2,753,021.
- Westman, Elmer A. 2,765,503.
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- Policansky, Hyman. 2,742,907.
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- Industrial Rayon Corp.: *See—*
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- Mayner, Thomas S. 2,730,889.
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- Industrial Tool & Machine Co.: *See—*
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- Infeld, Otto. Music string. 2,762,251, 9-11-56, Cl. 84-297.
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- Adelson, Samuel L. 2,746,474.
- Adelson, Samuel L. 2,768,135.
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- Inga, Frank. Flexible shower shoe having ground-gripping means. 2,738,598, 3-20-56, Cl. 36-11.5.
- Ingalls, Ross D., to The Singer Mfg. Co. Air-cooled electric clutch-brake driving devices. 2,739,251, 3-20-56, Cl. 310-59.
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- Ingalls Stone Co.: *See—*
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- Ingelson, Howard S. Bin divider construction. 2,747,959, 3-20-56, Cl. 312-140.3.
- Ingenieurs Bureau Voor Industrie Service N. V.: *See—*
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- Ingersoll, James H., J. A. White, W. W. Kovalick, M. Hegyi, N. A. Ruissard, and L. L. Levitt, to Borg-Warner Corp. Automatic polishing machine. 2,775,073, 12-25-56, Cl. 51-97.
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- Taylor, Jack W. 2,729,092.
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- Hornschuch, Hanns. 2,764,434.
- Loss, Isidor R. 2,746,418.
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- Reynolds, Harold C. 2,752,808.
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- White, Kenneth H. 2,766,766.
- Ingerson, William E., and C. A. Lovell, to Bell Telephone Laboratories, Inc. System producing nulls in electrical networks. 2,757,283, 7-31-56, Cl. 250-27.
- Ingham, George G. Film rack, support, and drip tray. 2,759,406, 8-21-56, Cl. 95-100.
- Ingham, George G. Duplex film rack support and drip tray. 2,775,173, 12-25-56, Cl. 95-100.
- Ingham, Robert M., Jr., to Deering Milliken Research Corp. Slasher beam brake. 2,752,558, 7-3-56, Cl. 28-28.
- Ingham, Robert M., Jr., to Deering Milliken Research Corp. Slasher beam brake. 2,752,659, 7-3-56, Cl. 28-28.
- Inghram, Mark G., and W. A. Chupka, to the United States of America as represented by the United States Atomic Energy Commission. Ionization source. 2,733,343, 1-31-56, Cl. 250-41.9.
- Ingle, James D., and A. N. Nawrocki, to Swift & Co. Cheese packaging. 2,753,268, 7-3-56, Cl. 99-178.
- Ingly, Frank L.: *See—*
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- Inglisch, Charles G., to Mergenthaler Linotype Co. Line stop for typographical casting machines. 2,774,463, 12-18-56, Cl. 199-49.
- Ingmanston, John H., to The Whitney Blake Co. Shielded extensible and retractable electric conductors. 2,764,625, 9-25-56, Cl. 174-69.
- Ingold, Fritz, to Müller A. G. Maschinenfabrik und Eisen-gieserei. V-belt pulley. 2,751,790, 6-26-56, Cl. 74-230-17.
- Ingold, Hans. Garage structures and similar storage devices. 2,762,515, 9-11-56, Cl. 214-16.1.
- Ingold, Hans. Storage installations in particular with traction cable. 2,772,639, 12-4-56, Cl. 104-202.
- Ingraham, Chester S., to Sylvania Electric Products Inc. Control device. 2,773,157, 12-4-56, Cl. 201-55.
- Ingraham, E. Co., The: *See—*
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- Kohlhagen, Walter. 2,750,730.
- Ingraham, Robert C.: *See—*
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- Ingraham, Robert C., to Sylvania Electric Products Inc. Semiconductor devices and methods of fabrication. 2,745,045, 5-8-56, Cl. 317-236.

- Ingraham, Robert C., to Sylvania Electric Products Inc. Semiconductor translators and processing. 2,748,326, 5-29-56, Cl. 317-236.
- Ingraham, Robert C., to Sylvania Electric Products Inc. Semi-conductor devices and methods. 2,762,956, 9-11-56, Cl. 317-235.
- Ingram, Elizabeth A. Shopping and traveling bag purses. 2,771,112, 11-20-56, Cl. 150-35.
- Ingram, Eugene E. Grain and commercial fertilizer distributor. 2,760,682, 8-28-56, Cl. 222-142.
- Ingram, George O. Block carrier. 2,761,726, 9-4-56, Cl. 294-97.
- Ingram, Louis. Siphon mixer. 2,737,199, 3-6-56, Cl. 137-268.
- Ingram, Orville. Anchor for lading retaining bands for flat top railway cars. 2,767,663, 10-23-56, Cl. 105-390.
- Ingrassia, Angelo P., and E. T. Ruffin, to Masonite Corp. Process of preparing decorative laminates. 2,744,047, 5-1-56, Cl. 154-132.
- Ingres, Jeannot G., to Automatic Shifters, Inc. Governor. 2,757,251, 7-31-56, Cl. 200-61.46.
- Ingres, Jeannot G., to Kelsey-Hayes Wheel Co. Brake operating mechanism. 2,766,852, 10-16-56, Cl. 188-152.
- Ingværten, Arthur C. Wire gsin. 2,738,077, 3-13-56, Cl. 11-107.
- Ingwer, Carl H., to The Ridge Tool Co. Drive release for taper threading die head. 2,753,575, 7-10-56, Cl. 10-120.5.
- Ingwer, Carl H., C. E. Wright, and H. Weibel, to Ridge Tool Co. Powder threading tool. 2,768,550, 10-30-56, Cl. 82-2.
- Inhofer, Harold G. Rotary snowplow. 2,763,072, 9-18-56, Cl. 37-43.
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- Inman, Byron N., to E. I. du Pont de Nemours and Co. Method for vaporizing hydrogen peroxide solutions. 2,751,339, 6-19-56, Cl. 202-63.
- Inman, Byron N., and C. H. Lemke, to E. I. du Pont de Nemours & Co. Manufacture of sodium cyanide. 2,742,344, 4-17-56, Cl. 23-79.
- Inman, Charles E., to The Pennsylvania Salt Mfg. Co. Process for producing octachlorothiolane. 2,746,974, 5-22-56, Cl. 260-832.2.
- Inman, Clark H. Poultry trap nest. 2,765,772, 10-9-56, Cl. 119-48.
- Inman, George E., to General Electric Co. Photoelectric device. 2,740,875, 4-3-56, Cl. 201-63.
- Inman, Guy M. *See—*  
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- Inman, Hollis C., to Micro-Moisture Controls, Inc. Moisture actuated circuit closer. 2,735,907, 2-21-56, Cl. 200-61.05.
- Inman, Hollis C., to Micro-Moisture Controls, Inc. Moisture-actuated electrical system for raising convertible auto tops. 2,753,508, 7-3-56, Cl. 318-483.
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- Inman, Leo E. Automatic gaff hook. 2,730,399, 1-10-56, Cl. 294-110.
- Inman, Paul R. and S. G. Velonis. Dish washer. 2,750,950, 6-19-56, Cl. 134-102.
- Inman, William H. *See—*  
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- Innes, James. Golf bag hood. 2,749,958, 6-12-56, Cl. 150-1.5.
- Innes, Willard J., to J. I. Case Co. Header and feeder control for combines. 2,749,696, 6-12-56, Cl. 56-21.
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- Innes, William B., to American Cyanamid Co. Method for automatic measurement of surface area and pore volume. 2,729,969, 1-10-56, Cl. 73-38.
- Innocenti, Scipione. Automatic ticket printing and accounting machine. 2,731,205, 1-17-56, Cl. 235-101.
- Innovation Industries, Inc. *See—*  
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- Inouye, Hajime. Spaghetti and noodle ecker. 2,775,477, 12-25-56, Cl. 294-49.
- Ipny, Anthony. Means for supporting a folding leg table support in folded position. 2,736,626, 2-28-56, Cl. 311-99.
- Insalaco, Michael A., to The Haloid Co. Process of cleaning a residual powder image from an electrophotographic plate. 2,772,991, 12-4-56, Cl. 134-7.
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- Fraas, Foster. 2,735,546.
- Fraas, Foster. 2,769,536.
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- Modrey, Henry J., and Healy. 2,763,171.
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- Carroll, Fred M. 2,771,229.
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- Dickinson, Arthur H. 2,755,536.
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Koch, Walter G. 2,737,267.  
 Nystrom, Karl F. 2,742,866.  
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 Nystrom, Karl F. 2,772,640.

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 Gottfried, Robert E. 2,731,620.  
 Gottfried, Robert E., Hoffmann, and Skeirik. 2,769,026.  
 Hoffmann, Allen D. 2,766,374.  
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 Hughes, Edwin L., and Edwin L. 2,737,584.  
 King, Gilbert W. 2,760,404.  
 Loew, David L., Leserman, Del Riccio, and Gottfried. 2,769,023.

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Adams, John P. 2,734,484.  
 Adams, Paul R., and Pickles. 2,753,554.  
 Adams, Robert T. 2,738,278.  
 Anderson, Warren A. 2,729,793.  
 Arditi, Maurice. 2,760,163.  
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 Arthur, Richard P. 2,736,845.  
 Barackett, Albert J. 2,771,566.  
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 Bigelow, John F. 2,773,984.  
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- Porter, Frederick W. B., and Isitt. 2,769,756.
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- Israel, Jack, and G. T. Allen. Pressure-control apparatus for anti-G suits. 2,748,786, 6-5-56, Cl. 137-38.
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- Ivers-Lee Co.: *See*—
- Lefebvre, Frank J. 2,771,214.
- Volckening Lloyd I., to Ivers-Lee Co. 2,765,922.
- Volckening Lloyd I., and O'Meara. 2,737,290.
- Iversen, Anfinn J. Navigation instrument. 2,761,213, 9-4-56, Cl. 83-75.
- Iversen, Arthur H., to Sylvania Electric Products, Inc. 2,764,511, 9-25-56, Cl. 117-217.
- Iverson, Arden L., to Para-Lux Products Co. Combined collar protector and shirtboard. 2,744,623, 5-8-56, Cl. 206-46.
- Iverson, Arden L., to Para-Lux Products Co. Combination collar protector and shirtboard. 2,748,929, 6-5-56, Cl. 206-46.
- Iverson, Arden L., to Para-Lux Products Co. Garment hanger cover. 2,774,527, 12-18-56, Cl. 223-98.
- Iverson, Carl. Toilet discharge valve control apparatus. 2,767,405, 10-23-56, Cl. 4-55.
- Iverson, Egil O. Door latch illuminating means. 2,765,396, 10-2-56, Cl. 240-213.
- Iverson, Henry G.: *See*—
- Creit, Ellis E., and Iverson. 2,750,255.
- Iverson, John O.: *See*—
- Ringness, Cornell O. 2,757,807.
- Iverson, Lauren E. Glare shield. 2,736,374, 2-28-56, Cl. 160-220.
- Ives, H. B., Co., The: *See*—
- Morse, John B., Jr., and Benson. 2,747,538.
- Youngberg, Walter. 2,772,107.
- Ives, Herbert B.: *See*—
- Burns, Walter R., Gennaro, and Ives. 2,739,646.
- Ives, Milo W. 50% to M. W. Ives, and 49% to I. G. Kennedy, and 1% to A. W. Teale. Drill bit dressing tool. 2,771,796, 11-27-56, Cl. 76-5.
- Ives, Walter R., Jr.: *See*—
- Bottom, Virgil B., and Ives. 2,743,144.
- Iverson, Herbert T.: *See*—
- Julian, Percy L., and Iverson. 2,752,378.
- Julian, Percy L., Iverson, and Radlove. 2,752,376.
- Julian, Percy L., Iverson, and Radlove. 2,773,771.
- Ivey, Henry F. Screen material. 2,752,521, 6-26-56, Cl. 313-82.
- Ivie, James O., and M. D. Thomas. Reversible draft fluid-fuel-burning heater with safety pilot draft. 2,748,842, 6-5-56, Cl. 158-1.
- Ivins, Owen D., to The Engine Parts Mfg. Co. Manually operated resilient aerosol spray valve. 2,734,773, 2-14-56, Cl. 299-95.
- Ivins, Owen D.: *See*—
- Head, James D., and Ivins. 2,748,161.
- Head, James D., and Ivins. 2,748,162.
- Ivory, Harry S., and J. F. Loomis. Adjustable retractor for surgical use. 2,751,903, 6-26-56, Cl. 128-20.
- Ivory, Verge. Track laying belt for a crawler type vehicle. 2,775,491, 12-25-56, Cl. 305-9.
- Ivy, Jessie T. Detachable top mount. 2,743,526, 5-1-56, Cl. 33-50.
- Ivy, Jessie T. Detachable top mount. 2,763,930, 9-25-56, Cl. 33-50.
- Iwan Bros., Inc.: *See*—
- Runkle, Lorin R. 2,750,223.
- Izen, Joe A.: *See*—
- Abbot, Harry I. 2,769,506.
- Izon, Frank H. T.: *See*—
- Smith, Cyril R. B., and Izon. 2,756,033.
- J. A. M., S. A.: *See*—
- Chaudiere, Etienne F. 2,754,041.
- J & B Building Products: *See*—
- Thompson, Harold D. 2,734,250.
- J. M. J. Industries, Inc.: *See*—
- Gundlach, Theodore F. 2,754,906.
- J. P. S. Products, Inc.: *See*—
- Huppert, Perry I. and S. 2,747,863.
- Jabczynski, Hans-Joachim: *See*—
- Panzerbieter, Hans, Hagenhaus, Jabczynski, Bacher, and Tiesler. 2,739,185.
- Jabczynski, Hans-Joachim, to Siemens & Halske Aktiengesellschaft. Device for controlling selector switches in automatic telephone systems. 2,744,164, 5-1-56, Cl. 179-18.
- Jabczynski, Hans-Joachim, to Siemens & Halske Aktiengesellschaft. Comb for treating the scalp. 2,771,890, 11-27-56, Cl. 132-115.
- Jablonski, Alexander L. Car parking system. 2,733,426, 1-31-56, Cl. 340-213.
- Jabsoo Pump Co.: *See*—
- Doble, Warren. 2,762,637.
- Garrison, Marion A. 2,753,809.
- Jack & Heintz, Inc.: *See*—
- Bergson, Arnold. 2,746,007.
- Burchfield, William F. 2,750,308.
- Gail, Stewart E. 2,738,660.
- Hartz, Raymond J., and Morris. 2,738,685.
- Heintz, Ralph M. 2,770,744.
- Kroko, Leonard J. Re. 24,190.
- Lee, Lyman S., and Beardsley. 2,755,396.
- Majerack, John V. 2,762,968.
- Martin, Cecil G., and Lumpkin. 2,773,201.
- Martin, Cecil G., and Johnston. 2,749,976.
- Walley, Omar C. 2,759,064.
- Jacke, Raymond E., to Reynolds Metals Co. Rewrap containers. 2,750,101, 6-12-56, Cl. 229-51.
- Jakes-Evans Manufacturing Co.: *See*—
- Vargo, Frank J. 2,738,157.
- Jacks, Basil, to American Bosch Arms Corp. Shaft positioning control. 2,762,003, 9-4-56, Cl. 318-30.
- Jacks, Robert L., J. E. Moise, and E. W. S. Nicholson, to Esso Research and Engineering Co. Aldehyde hydrogenation quench. 2,771,493, 11-20-56, Cl. 260-638.
- Jaks, William G., to International Cellulose Products Co. Sanitary pad. Re. 24,137, 4-3-56, Cl. 128-290.
- Jackson, Alexander F. Key holder. 2,764,202, 9-25-56, Cl. 150-40.
- Jackson, Anton and B. A. Locking connector with hood assembly. 2,761,108, 8-28-56, Cl. 359-45.
- Jackson, Arthur R. Charts or indicators. 2,752,880, 7-3-56, Cl. 116-133.
- Jackson, Boris A.: *See*—
- Jackson, Anton and B. A. 2,761,108.
- Jackson Box Co., The: *See*—
- Sicking, Lawrence A. 2,760,715.
- Jackson, Carey B., to Callery Chemical Co. Production of compounds containing boron and hydrogen. 2,744,810, 5-8-56, Cl. 23-14.

- Jackson & Church Co.: *See*—  
 Armstrong, Bruce. 2,747,232.  
 Beeman, Claude C. 2,747,490.  
 Eichhorn, Hermann. 2,763,260.  
 Jackson, Clarence E., and A. E. Shrubals, to Union Carbide and Carbon Corp. Welding composition. 2,751,478, 6-19-56, Cl. 219-10.  
 Jackson, Clarence E., and A. E. Shrubals, to Union Carbide and Carbon Corp. Electric welding medium containing manganese oxide, titania and silica. 2,755,211, 7-17-56, Cl. 148-26.  
 Jackson, Clarence E., and A. E. Shrubals, to Union Carbide and Carbon Corp. Welding composition for depositing soft iron. 2,759,084, 8-14-56, Cl. 219-10.  
 Jackson, Corwill, to Jackson Vibrators, Inc. Compactor for asphaltic and other materials. 2,737,094, 3-6-56, Cl. 94-48.  
 Jackson, Corwill, to Jackson Vibrators, Inc. Compactor for asphaltic and other compactable materials. 2,771,012, 11-20-56, Cl. 94-48.  
 Jackson, David, to Mavor & Coulson Ltd. Longwall mining machine slidable on a conveyor. 2,737,379, 3-6-56, Cl. 282-30.  
 Jackson, Deric W., to The Jeffrey Mfg. Co. Underground mechanical crusher and stower. 2,763,436, 9-18-56, Cl. 241-31.  
 Jackson, Donald, to Pye Ltd. Television cameras. 2,762,860, 9-11-56, 178-54.  
 Jackson, Donald M., to Chiksan Co. Liquid receiving fitting. 2,740,563, 4-3-56, Cl. 222-464.  
 Jackson, Earl R. Defroster for freezing coils. 2,755,371, 11-7-56, Cl. 19-19.  
 Jackson, Edwin T., to Jackstite, Inc. Method and preassembled casing for finishing a rough door opening. 2,729,936, 1-3-56, Cl. 20-11.  
 Jackson, Ernest E.: *See*—  
 Wright, George W., Jauch, Clymer, Jackson, and Scheurer. 2,732,103.  
 Jackson, Ernest E., and O. R. Scheurer, to Tokheim Corp. Remote-control dispensing apparatus and valve mechanism therefor. 2,732,100, 1-24-56, Cl. 222-73.  
 Jackson, Floyd L., to J. N. Saffro. Convertible cantilever table having selectively vertically and horizontally shiftable cantilever top. 2,766,088, 10-9-56, Cl. 311-39.  
 Jackson, Forest W. Cleaning bag for dentures. 2,769,193, 11-6-56, Cl. 15-216.  
 Jackson, Frank H.: *See*—  
 Nichols, Charles F., and Jackson. 2,743,418.  
 Jackson, Geoffrey W.: *See*—  
 Armstrong, Godfrey P., Bellringer, Bewley, Bramwyche, Jackson, and Wilkins. 2,750,426.  
 Armstrong, Godfrey P., Bewley, Jackson, Bellringer, Bramwyche, and Wilkins. 2,750,424.  
 Bertsch, Joseph F., Funkhouser, and Jackson. 2,761,425.  
 Jackson, Harry E., B. N. Leyland, and J. F. Wood, to Imperial Chemical Industries Ltd. Rubbery polymers stabilized with metal salts of  $\alpha,\beta$ -bis(2-hydroxy-3,5-dialkylphenyl) alkanes. 2,748,181, 5-29-56, Cl. 260-810.  
 Jackson, Horace L.: *See*—  
 Cope, Arthur C., and Jackson. 2,748,153.  
 Spiess, Newton E., Jr., and Jackson. 2,738,172.  
 Jackson Industries, Inc.: *See*—  
 Latimer, James T. 2,738,814.  
 Jackson, James A., and M. Dewhurst, to Dewhurst and Partner Ltd. Electric switchgear. 2,732,452, 1-24-56, Cl. 200-87.  
 Jackson, James G. Projection screens. 2,763,184, 9-18-56, Cl. 88-28.9.  
 Jackson, James O., to Pittsburgh-Des Moines Steel Co. Controlling delivery of air to induction and blow down type wind tunnels. 2,749,569, 6-5-56, Cl. 60-52.  
 Jackson, James O., to Pittsburgh-Des Moines Co. Hollow sheet metal panels and method of making the sections from which such panels are made. 2,762,472, 9-11-56, Cl. 189-34.  
 Jackson, Jesse A. Log debarker utilizing rubbing action of rubber-tired wheels. 2,765,011, 10-2-56, Cl. 144-208.  
 Jackson, John J. A. Maul, and E. E. Pohl, to American Machine & Foundry Co. Cigarette feed for packaging machines. 2,736,476, 2-28-56, Cl. 226-5.  
 Jackson, John D.: *See*—  
 Coates, Cecil C., and Jackson. 2,750,624.  
 Jackson, John E. Method of making a bolt anchor shield. 2,762,119, 9-11-56, Cl. 29-533.  
 Jackson, John G., to Eastman Oil Well Survey Co. Apparatus for and method of logging earth bores. 2,755,430, 7-17-56, Cl. 324-1.  
 Jackson, John G., and R. H. Kingdon, to Square D Co. Panelboard. 2,736,354, 10-16-56, Cl. 317-120.  
 Jackson, John H., to Mathieson Chemical Corp. Magnesium-lithium base alloys. 2,742,357, 4-17-56, Cl. 75-168.  
 Jackson, Jonas A. (Jack). Transplanter. 2,731,928, 1-24-56, Cl. 111-7.  
 Jackson, Kenneth, to H. Fisher (Oldham) Ltd. Washing machines. 2,770,122, 11-13-56, Cl. 68-133.  
 Jackson, Leo M., to New Era Enterprises, Inc. Bobby pin. 2,737,188, 3-6-56, Cl. 132-50.  
 Jackson, Leslie K.: *See*—  
 Roche, Melvin E., and Jackson. 2,772,424.  
 Jackson, Leslie K., to Harvard Mfg. Co. Bedframe having special support leg. 2,743,464, 5-1-56, Cl. 5-310.  
 Jackson, Leslie K., to The Harvard Mfg. Co. Headboard positioning means for bedframes. 2,745,116, 5-15-56, Cl. 5-131.  
 Jackson, Nolan C., to Wichita Precision Tool Co., Inc. Revolving type garment finisher having adjustable shoulder structure. 2,736,471, 2-28-56, Cl. 223-67.  
 Jackson, Nolan C., to Wichita Precision Tool Co., Inc. Garment finishing machine having automatic fluid flow control. 2,736,472, 2-28-56, Cl. 223-67.  
 Jackson, Norman W.: *See*—  
 Purdie, Desmond W., Ruau, and Jackson. 2,762,374.  
 Jackson, Paul L., and V. F. Zackay, to Ford Motor Co. Process of preparing an iron base melt. 2,745,740, 5-15-56, Cl. 75-130.5.  
 Jackson, Percy: *See*—  
 Purdie, William H., and Jackson. 2,737,162.  
 Purdie, William H., and Jackson. 2,754,813.  
 Purdie, William H., and Jackson. 2,760,334.  
 Purdie, William H., and Jackson. 2,769,302.  
 Purdie, William H., and Jackson, and Gunn. 2,734,492.  
 Jackson, Peter P. Apparatus for treating tobacco prior to redrying. 2,752,695, 7-3-56, Cl. 34-85.  
 Jackson, Richard W.: *See*—  
 Koepsell, Harold J., Jackson, and Hoffman. 2,729,587.  
 Jacob, Robert O., to Beaver Tool and Engineering Corp. Tool shank and holdback keyway construction. 2,774,693, 12-18-56, Cl. 279-97.  
 Jackson, Stuart P.: *See*—  
 Burton, Lester W., and Jackson. 2,744,218.  
 Jackson, T. H., to the United States of America as represented by the Secretary of the Navy. Method and apparatus for continuously reducing recorded telemetric data. 2,746,833, 5-22-56, Cl. 346-107.  
 Jackson, Thomas M.: *See*—  
 Beck, Robert H. W., Jackson, and Lytollis. 2,775,722.  
 Hough, George H., and Jackson. 2,740,921.  
 Jackson, Thomas M., and I. H. Fraser, to International Standard Electric Corp. Electrical circuits using multi-gap cold cathode gas filled tubes. 2,749,479, 6-5-56, Cl. 315-84.6.  
 Jackson, Thomas M.: *See*—  
 Cooled turbine blade. 2,755,061, 7-17-56, Cl. 253-39.15.  
 Jackson Vibrators, Inc.: *See*—  
 Jackson, Corwill. 2,737,094.  
 Jackson, Corwill. 2,771,012.  
 Jackson, Wallace T., to Eastman Kodak Co. Tow opening device. 2,737,688, 3-13-56, Cl. 19-66.  
 Jackson, Warren, Jr., and R. A. Gardner, to The Standard Oil Co. Isothermal calorimeter. 2,733,602, 2-7-56, Cl. 73-190.  
 Jackson, William H.: *See*—  
 Chapman, Albert B., McDonough, and Jackson. 2,759,709.  
 Jackson, William H., to The Udville Corp. Contact for electroplating machines. 2,762,772, 9-11-56, Cl. 200-213.  
 Jackson, William K., to Philco Corp. Neutralized amplifier circuit. 2,770,683, 11-13-56, Cl. 179-171.  
 Jackson, Winston J., to Eastman Kodak Co. Bubble cap. 2,732,129, 1-24-56, Cl. 261-114.  
 Jacotite, Inc.: *See*—  
 Jackson, Edwin T.  
 Jacob, Andrew G. Knee action alignment device. 2,738,589, 3-20-56, Cl. 33-180.  
 Jacob, Carlmas W. Apparatus for reproduction of pictures. 2,752,833, 7-3-56, Cl. 95-17.  
 Jacob, Fritz, to Gesellschaft fuer Linde's Eismaschinen Aktiengesellschaft. Method and apparatus for fractionating air and power production. 2,753,698, 7-10-56, Cl. 60-123.  
 Jacob, Robert M., and J. G. Robert, to Parke, Davis & Co. Dichloracetamidonitrophenyl-hydroxypropanol. 2,751,413, 6-19-56, Cl. 280-562.  
 Jacob, Werner: *See*—  
 Nottebohm, Carl L., Jacob, Lauppe, and Schabert. 2,774,687.  
 Jacobi, Edward N., to Briggs & Stratton Corp. Means for securing an instrument to an instrument panel. 2,745,275, 11-15-56, Cl. 70-370.  
 Jacobi, Edward N., to Briggs & Stratton Corp. Keyhole shutter for pin tumbler lock. 2,747,397, 5-29-56, Cl. 70-455.  
 Jacobi, Edward N., to Briggs & Stratton Corp. Lock mechanism. 2,750,788, 6-19-56, Cl. 70-379.  
 Jacobi, Ernst: *See*—  
 Hotovy, Rudolf, Jacobi, and Kuessner. 2,734,062.  
 Jacobi, George T., and H. D. Parks, to General Electric Co. Simultaneous linear equation computer. 2,740,584, 4-3-56, Cl. 225-61.  
 Jacobi, Thomas E., to General Motors Corp. Multi-speed synchro data transmission system. 2,769,125, 10-30-56, Cl. 318-30.  
 Jacobi, Werner, to Siemens & Halske Aktiengesellschaft. Switching device. 2,753,489, 7-3-56, Cl. 315-168.  
 Jacobowitz, David L.: *See*—  
 Burkhardt, Norman C., and Jacobowitz. 2,765,615.  
 Jacobowitz, Herman: *See*—  
 Parker, Sydney R., and Jacobowitz. 2,760,075.  
 Jacobs Aircraft Engine Co.: *See*—  
 Hunsford, Harold E., Jr., and Berger. 2,751,988.  
 Jacobs, Alan, 1/2 to W. A. Nelson. Self-contained, instantaneously responsive fire extinguisher. 2,755,965, 7-24-56, Cl. 169-31.  
 Jacobs, Arthur, to Mason, Au & Magenheimer Conf. Mfg. Co. Food processing machine and method. 2,759,437, 8-21-56, Cl. 107-44.  
 Jacobs, Arthur W. Synthetic resin gland type coupling for tubes. 2,755,110, 7-17-56, Cl. 285-331.



- Jacobs, Arthur W. Chain tool with single drive means for punch and clamp. 2,774,212, 12-18-56, Cl. 59-7.
- Jacobs, Charles H. *See*—
- Jacobs, Bradley, Robert O. Simonds, and Jacobs. 2,732,383.
- Jacobs, Charles T., and Thomas A. Edison Inc. Multistation remotely-controlled phonographic system. 2,740,846, 4-3-56, Cl. 179-100.1.
- Jacobs, Clifton N., and G. H. Hopkins, to Taylor Fibre Co. Method of continuous production of rods, tubes, and the like. 2,751,320, 6-19-56, Cl. 154-91.
- Jacobs, David I. H. *See*—
- Hall, Reginald H., Jacobs, and Jacquet. 2,732,940.
- Jacobs, David I. H., to Hercules Powder Co. Recovery of phenols. 2,736,753, 2-28-56, Cl. 260-621.
- Jacobs, Donald H. Mounting for electronic circuit. 2,734,151, 2-26-56, Cl. 171-01.
- Jacobs, Donald H. Measuring by a series of signals. 2,734,188, 2-7-56, Cl. 340-206.
- Jacobs, Donald H. Means for measuring angular distances. 2,740,952, 4-3-56, Cl. 340-206.
- Jacobs, Donald H., S. Scholnick, and M. A. Martin, said Scholnick and said Martin to said Jacobs. Means for measuring fluid pressure. 2,755,667, 7-24-56, Cl. 73-386.
- Jacobs, F. L. Co. *See*—
- Mieras, Spencer H., and Wheeler. 2,743,131.
- Jacobs, Foster, E. *See*—
- Vantlander, Edward, and Jacobs. 2,746,626.
- Jacobs, George B. Bundle throwing handle device. 2,749,172, 6-5-56, Cl. 294-26.
- Jacobs, Henry S., and J. M. Curtin, to Harnischfeger Corp. Armatures for induced current torque transmitting apparatus. 2,773,998, 12-11-56, Cl. 310-105.
- Jacobs, Herbert, J. Ricco, and P. Guglielmo. Streak eliminator for offset duplicating machines. 2,771,840, 11-27-56, Cl. 101-425.
- Jacobs, Irving L., and J. W. Sims. Utility bin. 2,731,319, 1-17-56, Cl. 312-310.
- Jacobs, James W. *See*—
- Coning, Donald L., and Jacobs. 2,762,229.
- Jacobs, James W., to General Motors Corp. Refrigerating apparatus. 2,729,720, 1-3-56, Cl. 200-140.
- Jacobs, James W., to General Motors Corp. Refrigerating apparatus. 2,737,026, 3-6-56, Cl. 62-4.
- Jacobs, James W., to General Motors Corp. Relief valve for rotary compressor. 2,738,657, 3-20-56, Cl. 62-117.75.
- Jacobs, James W., to General Motors Corp. Refrigerator having multiple section evaporator. 2,741,095, 4-10-56, Cl. 62-4.
- Jacobs, James W., to General Motors Corp. Refrigerating apparatus. 2,745,257, 5-15-56, Cl. 62-4.
- Jacobs, James W., to General Motors Corp. Refrigerating apparatus. 2,747,385, 5-29-56, Cl. 62-4.
- Jacobs, James W., to General Motors Corp. Refrigerating apparatus. 2,755,362, 7-17-56, Cl. 200-140.
- Jacobs, James W., to General Motors Corp. Automatic clutch—manually controlled. 2,759,581, 8-21-56, Cl. 192-32.
- Jacobs, James W., to General Motors Corp. Refrigerating apparatus. 2,762,888, 9-11-56, Cl. 200-140.
- Jacobs, James W., and C. H. Wurtz, to General Motors Corp. Refrigerator cabinet and evaporator structure. 2,773,361, 12-11-56, Cl. 62-117.3.
- Jacobs, James W., and D. J. Barbulesco, to General Motors Corp. Vehicle refrigerating apparatus. 2,774,222, 12-18-56, Cl. 62-4.
- Jacobs, Jerome E., and E. E. St. John, to Hughes Aircraft Co. Frequency modulation of crystal oscillator. 2,747,164, 5-22-56, Cl. 332-26.
- Jacobs, John E., to General Electric Co. X-ray stabilizer. 2,730,627, 1-10-56, Cl. 250-97.
- Jacobs, John E., to General Electric Co. Inspection device. 2,732,503, 1-24-56, Cl. 250-52.
- Jacobs, John E., to General Electric Co. Interval timing apparatus. 2,747,104, 5-22-56, Cl. 250-95.
- Jacobs, John E., to General Electric Co. Inspection device. 2,763,787, 9-18-56, Cl. 250-83.3.
- Jacobs, John E., and R. Frerichs, to General Electric Co. Process and apparatus for image production and recordation. 2,764,693, 9-25-56, Cl. 250-45.
- Jacobs, John H. Gas generator and method. 2,772,952, 12-4-56, Cl. 283-1.
- Jacobs, Joseph H. *See*—
- Jacobs, Marcellus L. and J. H. 2,751,575.
- Jacobs, Marcellus L. and J. H. 2,753,719.
- Jacobs, Joseph H., to Jacobs Wind Electric Co. Rotary snow plow. 2,770,893, 11-20-56, Cl. 37-43.
- Jacobs, Joseph J., and R. M. Higgins, to Allis-Chalmers Mfg. Co. Screening arrangement for fluid lubricated bearings. 2,764,456, 9-25-56, Cl. 308-78.
- Jacobs, Leonard *See*—
- Sternick, Sidney, Kruger, and Jacobs. 2,761,484.
- Jacobs Mfg. Co. The *See*—
- Stoner, Arthur M., and Haviland, 2,746,758.
- Jacobs, Marcellus L. and J. H. Emergency signal system for motor vehicles. 2,751,575, 6-19-56, Cl. 340-72.
- Jacobs, Marcellus L. and J. H. Engine starter. 2,753,719, 7-10-56, Cl. 74-6.
- Jacobs, Morris B., to American Home Products Corp. Metaphosphate complexes of diphtheria and tetanus toxoids and purifying said toxoids. 2,772,202, 11-27-56, Cl. 167-78.
- Jacobs, Philip C., Jr., to The Chase Shawmut Co. Magnetic blast fuses. 2,734,110, 2-7-56, Cl. 200-120.
- Jacobs, Philip C., Jr., and F. J. Kozacka, to The Chase-Shawmut Co. Methods of assembling fuses. 2,740,187, 4-3-56, Cl. 29-155.5.
- Jacobs, Robert B. *See*—
- Greenias, Evon C., and Jacobs. 2,746,286.
- Greenias, Evon C., and Jacobs. 2,753,247.
- Kapff, Sixt E., and Jacobs. 2,752,776.
- Jacobs, Robert B., and E. V. Greenias, to Standard Oil Co. Flash point determination and recording. 2,752,777, 7-3-56, Cl. 73-36.
- Jacobs, Robert B., E. C. Greenias, to Standard Oil Co. Ion chamber percent hydrogen instrument. 2,757,290, 7-31-56, Cl. 250-43.5.
- Jacobs, Samuel S., and W. Pechy, to American Can Co. Machine for filling liquids into containers. 2,755,980, 7-24-56, Cl. 226-80.
- Jacobs, Stephen, and W. E. Gleason, to General Electric Co. Turbine valve actuating gear. 2,733,611, 2-7-56, Cl. 74-110.
- Jacobs, Werner. Device for producing reciprocating movement from rotary. 2,770,974, 11-20-56, Cl. 72-54.
- Jacobs, William, and J. S. Darling. Dispenser with frictionally interfitting parts in which a closure member is rotatable about an axis. 2,744,666, 5-8-56, Cl. 222-545.
- Jacobs, William H. Beverage dispenser. 2,744,660, 5-8-56, Cl. 222-146.
- Jacobs, William H. Beverage dispenser. 2,745,641, 5-15-56, Cl. 259-36.
- Jacobs Wind Electric Co. *See*—
- Jacobs, Joseph H. 2,770,893.
- Jacobsen, Alexander, to Eagle Mfg. Co. Crop blower. 2,770,893, 11-20-56, Cl. 302-37.
- Jacobsen, Andrew B., to the United States of America as represented by the Secretary of the Navy. Coded data transmission system. 2,772,399, 11-27-56, Cl. 333-20.
- Jacobsen, Bent B., and L. Lewin, to International Standard Electric Co. Arrangements for compensating the effects of discontinuities in electromagnetic waveguides. 2,758,287, 8-7-56, Cl. 333-98.
- Jacobsen, Edwin. Safety razors. 2,766,523, 10-16-56, Cl. 30-74.1.
- Jacobsen, Einar A., to Jacobsen Manufacturing Co. Cutting disk assembly for power mowers. 2,737,772, 3-13-56, Cl. 56-295.
- Jacobsen, Karl O. Earth moving hydraulic suction nozzles. 2,774,569, 12-18-56, Cl. 255-24.
- Jacobsen, Lance R., to Hoffman Electronics Corp. Oscillator. 2,757,288, 7-31-56, Cl. 250-36.
- Jacobsen, Roy L., to Bee-Line Co. Attachment for frame straightening machines. 2,742,945, 4-24-56, Cl. 153-32.
- Jacobsen, Le Roy V., and P. G. Baker, to Bee-Line Co. Electrical device for measuring angles. 2,742,707, 4-24-56, Cl. 33-206.
- Jacobsen Manufacturing Co. *See*—
- Jacobsen, Einar A. 2,737,772.
- Jacobsohn, David H. *See*—
- Chu, Jeffrey C., and Jacobsohn. 2,745,008.
- Jacobson, Abraham W., and P. P. Famiglietti, to The Bristol Co. Electrometric apparatus. 2,752,585, 6-26-56, Cl. 340-183.
- Jacobson, Arthur G., deceased, by C. C. Cowell, administrator, and C. R. Kaddeland, to Miehl Printing Press & Mfg. Co. Sheet fed rotary printing press with sheet slitting attachment. 2,767,790, 10-23-56, Cl. 164-61.
- Jacobson, David. Space heater. 2,754,400, 7-10-56, Cl. 219-34.
- Jacobson, Eugene W., to Gulf Research & Development Co. Device for continuous removal of solids from fluids. 2,747,741, 5-29-56, Cl. 210-165.
- Jacobson, Eugene W., to Gulf Research & Development Co. Nutating disc meter for corrosive and abrasive solid laden liquid. 2,766,733, 10-16-56, Cl. 121-69.
- Jacobson, Felix C., to Platers & Stampers Ltd. Pressure cookers. 2,748,975, 6-5-56, Cl. 220-46.
- Jacobson, Gustaf L., and J. C. Oberg, to Steel Partitions, Inc. Slidable enclosures for bath tubs and the like. 2,748,908, 6-5-56, Cl. 189-46.
- Jacobson, Harry *See*—
- Quinones, Luis, and Rodriguez. 2,766,541.
- Jacobson, Harvey B. *See*—
- Brandon, Clarence W. 2,732,687.
- Jacobson, Henry W., to E. du Pont de Nemours and Co. Coating fabrics. 2,764,503, 9-25-56, Cl. 117-63.
- Jacobson, Henning W., and P. L. Salzberg, to E. I. du Pont de Nemours & Co. Coating process and products therefrom. 2,764,504, 9-25-56, Cl. 117-63.
- Jacobson, Howard C. Hammer mill with plural screens of different mesh. Re. 2,414,7, 5-1-56, Cl. 241-89.
- Jacobson, James J. Container having integral support means. 2,747,760, 5-29-56, Cl. 220-18.
- Jacobson, Jesse C., to United Air Lines, Inc. Stud loosening and tightening tool. 2,771,805, 11-27-56, Cl. 81-53.
- Jacobson, John W. *See*—
- Baker, John H., and Jacobson. 2,739,441.
- Jacobson Mfg. Co. *See*—
- Strasel, Raymond K. 2,730,264.
- Jacobson, Moses G., to Mine Safety Appliance Co. Apparatus for measuring component ratios of fluid mixture streams. 2,734,381, 2-14-56, Cl. 73-196.

- Jacobson, Moses G., J. C. Gilfert, F. J. De Luca, and W. F. Mruk, to Mine Safety Appliances Co. Bolometer. 2,769,884, 11-8-56, Cl. 201-63.
- Jacobson, Oscar W.: *See—*
- Berger, Sol J., and Jacobson. 2,735,203.
- Jacobson, Sidney. Fabric protecting iron shoe. 2,750,697, 19-56, Cl. 35-97.
- Jacobson, Sven. Apparatus for hauling grain. 2,759,511, 8-21-56, Cl. 146-250.
- Jacobson, William E. Liquid soldering gun. 2,774,321, 12-18-56, Cl. 113-93.
- Jacoby-Bender, Inc.: *See—*
- Burkhardt, Norman C., and Jacobowitz. 2,765,615.
- Duerr, Charles. 2,764,796.
- Jacoby, George A.: *See—*
- Ervin, Clyde T., and Jacoby. 2,742,282.
- Jacoby, Harry D., to Irrigation Equipment Co., Inc. Wheel hub coupling for irrigation pipeline. 2,766,996, 10-16-56, Cl. 285-5.
- Jacobs, Benton D., to Walker Mfg. Co. of Wisconsin. Muffler shell forming machine. 2,736,284, 2-28-56, Cl. 113-34.
- Jacobs, Harry D., to Irrigation Equipment Co., Inc.: *See—*
- Wiesinger, Frederick C. 2,743,595.
- Jacques, George B., and R. L. Gates, to Thompson Products, Inc. Coaxial switch. 2,733,318, 1-31-56, Cl. 200-153.
- Jacques, Robert B.: *See—*
- Sinclair, George, and Jacques. 2,736,864.
- Jacques, Stanley A., to Askania Regulator Co. Proportional fluid delivery relay jet pipe regulator. 2,742,022, 4-17-56, Cl. 121-41.
- Jacquet, Maurice V.: *See—*
- Hall, Reginald H., Jacobs, and Jacquet. 2,732,940.
- Jacuzzi Bros., Inc.: *See—*
- Jacuzzi, Candido, and Nash. 2,738,787.
- Jacuzzi, Candido, and Nash. 2,747,507.
- Jacuzzi, Valerio A. 2,757,681.
- Nash, Floyd M. 2,756,762.
- Jacuzzi, Candido. Ball-catching golf practice club. 2,743,930, 5-1-56, Cl. 273-193.
- Jacuzzi, Candido, and F. M. Nash, to Jacuzzi Bros., Inc. Hydrotherm apparatus. 2,738,787, 3-20-56, Cl. 128-66.
- Jacuzzi, Candido, and F. M. Nash, to Jacuzzi Bros., Inc. Self-priming deep well pumping system. 2,747,507, 5-29-56, Cl. 103-5.
- Jacuzzi, Valeriano, to Jacuzzi Bros., Inc. Self priming conversion unit for centrifugal pump systems. 2,757,681, 8-7-56, Cl. 137-112.
- Jaeger, Gebhard, to The Jaeger Machine Co. Lifting device. 2,732,248, 1-24-56, Cl. 294-88.
- Jaeger, Jacob, to Frost & Whitney Co., Inc. Control system for machine tools. 2,747,151, 5-22-56, Cl. 318-162.
- Jaeger, Kurt S.: *See—*
- Bergholdt, George C., and Jaeger. 2,758,637.
- Jaeger Machine Co.: *See—*
- Apel, John H., and Dury. 2,743,798.
- Jaeger, Gebhard. 2,732,248.
- Lamberton, Ralph E. 2,739,758.
- Jaeschke, Ralph L., to Eaton Mfg. Co. Control for electric machinery. 2,744,213, 5-1-56, Cl. 317-6.
- Jaeschke, Ralph L., to Eaton Mfg. Co. Electric motor control. 2,759,136, 8-14-56, Cl. 318-207.
- Jaeschke, Ralph L., to Eaton Mfg. Co. Control for drive systems. 2,760,611, 8-25-56, Cl. 192-098.
- Jaeschke, Ralph L., to Eaton Mfg. Co. Electromagnetic controls. 2,761,538, 9-4-56, Cl. 192-215.
- Jaffe, Bernard: *See—*
- Schmitt, George P., and Jaffe. 2,739,094.
- Jaffe, Bernard, to the United States of America as represented by the Secretary of the Army. Piezoelectric transducers using lead titanate and lead zirconate. Re. 24,191, 7-31-56, Cl. 310-8.0.
- Jaffe, Harry, and M. Rubin. Foldable cushion. 2,738,834, 8-20-56, Cl. 155-182.
- Jain, Jerome. Table leg construction. 2,768,044, 10-23-56, Cl. 311-110.
- Jaffe, Joseph: *See—*
- Lovshin, Frank A., and Jaffe. 2,753,894.
- Jaffe, Mary S., to General Electric Co. Flexible electroluminescent laminated panel. 2,774,004, 12-11-56, Cl. 313-108.
- Jaffee, Robert I., and H. R. Ogden, to Rem-Cru Titanium, Inc. Titanium base alloys. 2,750,289, 6-12-56, Cl. 75-175.5.
- Jaffee, Robert I., H. R. Ogden, and D. J. Maykuth, to Rem-Cru Titanium, Inc. Titanium base alloys. 2,754,204, 7-10-56, Cl. 75-175.5.
- Jaffee, Robert I., H. R. Ogden, and D. J. Maykuth, to Rem-Cru Titanium, Inc. Titanium base alloys. 2,754,205, 7-10-56, Cl. 75-175.5.
- Jagenberg-Werke Akt.-Ges.: *See—*
- Drese, Wilhelm. 2,734,657.
- Hornstein, Victor, and Schelp. 2,744,425.
- Lenz, Bernhard. 2,772,838.
- Müller, Erich, and Michaelis. 2,766,720.
- Weller, Wilhelm. 2,764,408.
- Zerlin, Hans. 2,735,604.
- Jagger, James H., to Armstrong Siddeley Motors Ltd. Controlling fuel supply for an aircraft gas turbine engine during acceleration at different altitudes. 2,741,089, 4-10-56, Cl. 60-39.28.
- Jagger, James H., to Armstrong Siddeley Motors Ltd. System for rotating the fuel supply of liquid fuel to a gas turbine. 2,757,511, 8-7-56, Cl. 60-39.28.
- Jäggle, Erich: *See—*
- Weissshuhn, Peter, and Jäggle. 2,731,891.
- Jagiel, Zigmund J. Sectional frame structure. 2,736,613, 2-28-56, Cl. 304-2.
- Jagiel, Zigmund J. Sectional scaffolding construction. 2,739,848, 3-27-56, Cl. 304-2.
- Jagshen, Carl E., to Timmons Metal Products Co. Vending trailer. 2,772,813, 11-29-56, Cl. 296-22.
- Jahn, Charles R. Knife sharpener. 2,749,078, 6-12-56, Cl. 51-181.
- Jahn, Dale M., to Sperry Rand Corp. Apparatus for converting digital information to an analog voltage. 2,729,812, 9-5-56, Cl. 340-347.
- Jahn, Leroy B. Water closet flushing mechanism. 2,762,059, 9-11-56, Cl. 4-32.
- Jahn, Leroy B. Water closet flushing mechanism. 2,762,060, 9-11-56, Cl. 4-31.
- Jahn, Paul: *See—*
- Jungmans, Helmut, and Jahn. 2,742,875.
- Jahn, Werner: *See—*
- Wohlrab, Hans-Christoph, and Jahn. 2,735,900.
- Jahn, Werner, to A. Schroder. Driving arrangement. 2,758,485, 8-14-56, Cl. 74-424.8.
- Jahnnett, Walter K., Welchert, and W. Reich I., to Chemische Werke Huls Aktiengesellschaft. Process for the recovery of high oil from cracking gases. 2,764,524, 9-25-56, Cl. 196-23.
- Jahnes, Henry J.: *See—*
- Williams, Virgil C., and Jahnes. 2,768,223.
- Jahnig, Charles E.: *See—*
- Barr, Frank R., Burnside, and Jahnig. 2,773,017.
- Burnside, Harvey E. W., Jahnig, and Brown. 2,736,687.
- Rich, Wilson C., Jr., and Jahnig. 2,762,753.
- Smith, Brook I., and Jahnig. 2,734,853.
- Jahnig, Charles E., to Esso Research and Engineering Co. Method for controlling temperatures in fluidized solids systems for the conversion of hydrocarbons. 2,735,802, 2-21-56, Cl. 196-52.
- Jahnig, Charles E., to Esso Research and Engineering Co. Production of hydrocarbon oils. 2,761,821, 9-4-56, Cl. 196-52.
- Jahnig, Charles E., and F. T. Barr, to Esso Research and Engineering Co. Conversion of hydrocarbons in two stages, with inert and catalyst particles. 2,731,395, 1-17-56, Cl. 196-52.
- Jahnig, Charles E., H. E. W. Burnside, and J. W. Brown, to Standard Oil Development Co. Conversion of hydrocarbons. 2,731,400, 1-17-56, Cl. 202-14.
- Jahnig, Charles E., and J. W. Brown, to Esso Research and Engineering Co. Conversion of hydrocarbons for the production of unsaturates and gasoline with the use of inert solids. 2,731,508, 1-17-56, Cl. 260-683.
- Jahnig, Charles E., and B. I. Smith, to Esso Research and Engineering Co. Calculation of fluid coke utilizing shot. 2,743,216, 4-24-56, Cl. 202-14.
- Jahnke, Robert L.: *See—*
- Nelson, Jean R., and Jahnke. 2,756,596.
- Jakab, Maurice. Powder atomizer container. 2,770,068, 9-11-56, Cl. 43-146.
- Jaks, Louis F.: *See—*
- Racker, Frederick C. 2,751,233.
- Jakes, William C., Jr., to Bell Telephone Laboratories, Inc. Microwave antenna system. 2,775,761, 12-25-56, Cl. 343-834.
- Jakeway, Gerald V., to Keeler Brass Co. Push button door handles adapted for use on the doors of automobiles, refrigerators, and the like. 2,739,831, 3-27-56, Cl. 292-336.3.
- Jakeway, Gerald V., to Keeler Brass Co. Push button door handle for automobiles, refrigerators, and the like. 2,761,721, 9-4-56, Cl. 292-336.3.
- Jakimiuk, Wsiewolod J., to Societe Nationale de Constructions Aeronautiques du Sud-Est. Aircraft landing skis. 2,744,441, 4-30-56, Cl. 244-102.
- Jakimiuk, Wsiewolod J., and G. B. J. V. Herell, to Societe Nationale de Constructions Aeronautiques du Sud-Est. Aircraft take-off carriage and the method of utilizing same. 2,744,857, 12-11-56, Cl. 244-63.
- Jakobsen, Jakob K., to Aktieselskabet Burmeister & Wain's Maskin-OG Skibsyggeri. Diffuser for the conversion of kinetic energy into pressure energy and axial-flow engine provided with such a diffuser. 2,762,560, 9-11-56, Cl. 250-122.
- Jakosky, John J., to Union Oil Co. of California. Magnetometer. 2,730,673, 1-10-56, Cl. 324-7.
- Jakosky, John J., to International Geophysics, Inc., and 60% to Signal Oil and Gas Co. Projectile firing control system. 2,759,397, 8-21-56, Cl. 89-1.
- Jakoubek, Frank J., to Star Jack Co., Inc. Hydraulic jack reservoir. 2,773,509, 12-11-56, Cl. 137-587.
- Jakubczak, Arthur: *See—*
- Huppert, Paul, and Jakubczak. 2,774,681.
- Karz, Joseph M., Hurst, and Jakubczak. 2,772,187.
- Jakubowski, Albert: *See—*
- Wisniewski, Leo J. 2,759,260.
- Jalbert, Adrien L., 50% to E. I. Jalbert. Roller type shoe staining machine. 2,753,838, 7-10-56, Cl. 118-262.
- Jalbert, Domina C. Multicell parachute canopy. 2,734,706, 2-14-56, Cl. 244-145.
- Jalbert, Emile L.: *See—*
- Jalbert, Adrien L. 2,753,838.
- Jalma, Michael M. Gas and liquid control apparatus. 2,756,976, 7-31-56, Cl. 261-36.



- Jam: *See*—  
 Königsberg, Moses, and Camps-Campins. 2,771,456.
- James, Albert L., to Milprint, Inc. Art of producing wax-coated wrappers having a silicone anti-blocking layer. 2,768,906, 10-30-56, Cl. 117-68.
- James, Bill Y. Ornament in the nature of a tree. 2,732,645, 1-31-56, Cl. 41-15.
- James, Bill Y. Knock-down type ornamental tree structure. 2,732,646, 1-31-56, Cl. 41-15.
- James, Bill Y. Interchangeable center unit for decorative package bow. 2,736,115, 2-28-56, Cl. 41-10.
- James, Bill Y. Decorative article in the nature of a candle holder. 2,736,182, 2-28-56, Cl. 67-23.
- James, Bill Y. Ornament holder for decorative package bows. 2,771,695, 11-27-56, Cl. 41-10.
- James, Bill Y. Decorative package bow. 2,774,164, 12-18-56, Cl. 41-10.
- James, Cyril H., to United Shoe Machinery Corp. Machines for shaping the toe portions of slip-lasted shoes. 2,740,140, 4-3-56, Cl. 12-7.8.
- James, David T.: *See*—  
 Wagner, John C., and James. 2,762,365.
- James, Duane A.: *See*—  
 James, Lewis A. and D. A. 2,730,384.
- James, E. N.: *See*—  
 Deyo, Leonard C. 2,751,986.
- James, Edward C. Venetian blind pull cord and tape fastener. 2,767,786, 10-3-56, Cl. 160-173.
- James, Edwin E.: *See*—  
 Cottrell, Wayne W., and James. 2,769,360.
- James, Emrys G., to The General Electric Co. Ltd. Crystal contact devices. 2,757,322, 7-31-56, Cl. 317-235.
- James, Emrys G., and A. O. E. Lindell, to The General Electric Co. Ltd. Crystal contact devices. 2,731,561, 1-17-56, Cl. 250-31.
- James, Eric B.: *See*—  
 Holman, Richard C., Oram, and James. 2,738,769.
- James, Frederick O., and A. Humphreys, to Lever Brothers Co. Packaging of soaps and sumpstocks. 2,755,294, 7-17-56, Cl. 260-119.
- James, Harold A.: *See*—  
 Day, Herbert O., and Roberts. 2,765,719.
- James, Harold V., to O. K. Rubber, Inc. Tire recapping machines. 2,730,764, 1-17-56, Cl. 18-18.
- James, Ivanhoe J. P., and J. A. Lodge, to Electric & Musical Industries Ltd. Color television apparatus. 2,738,379, 3-13-56, Cl. 178-5.4.
- James, Ivanhoe J. P., and P. F. T. C. Stillwell, to Electric & Musical Industries Ltd. Cathode ray tubes. 2,740,918, 4-3-56, Cl. 315-10.
- James, Ivor J. Jr., and A. C. McKinnis, to Union Oil Co. of California. Chemical oxidation process in the adsorbed phase. 2,756,127, 7-24-56, Cl. 23-157.
- James, Ivor J. Jr., and A. C. McKinnis, to Union Oil Co. of California. Process for chemical reaction in the adsorbed phase of solid adsorbents. 2,756,247, 7-24-56, Cl. 260-449.
- James, Jimmie: *See*—  
 Herider, Elmer A., and James. 2,737,666.
- James, Jolly. Falling fruit retarder. 2,752,926, 7-3-56, Cl. 134-333.
- James, Larry N. Fumigation shoe and hood. 2,768,591, 10-30-56, Cl. 111-7.
- James, Lawrence H. Signalling device. 2,774,324, 12-18-56, Cl. 116-109.
- James, Lewis A. and D. A., to Cribben and Sexton Co. Sintered compressed resilient socket coupling. 2,730,384, 1-10-56, Cl. 285-161.
- James Mfg. Co.: *See*—  
 Hazen, Gretzolon L. 2,745,539.
- Potter, Leon M., and Willett. 2,742,138.
- James, Ralph E., Jr.: *See*—  
 Koch, Robert B., and James. 2,747,222.
- Koch, Robert B., and James. 2,747,224.
- James, Thomas H., and L. W. Tregillus, to Eastman Kodak Co. Photographic solvent transfer reproduction. 2,751,300, 6-19-56, Cl. 95-88.
- James, Varnell L. B.: *See*—  
 Meinemann, Milton, and James. 2,751,636.
- James, Wilbert: *See*—  
 Nagy, John, and James. 2,741,835.
- James, William F., to USCO Power Equipment Corp. Pole supported switching station. 2,758,167, 8-7-56, Cl. 206-18.
- James, William S., to Fram Corp. Apparatus for removing heavy dust from air. 2,731,102, 1-17-56, Cl. 183-34.
- James, William S., to Fram Corp. Filter cartridge pull-out device. 2,731,155, 1-17-56, Cl. 210-189.
- James, William S., to Fram Corp. Combined fluid-flow and air-flow oil filter. 2,748,949, 6-5-56, Cl. 210-183.
- James, William S. Pleated paper filter element. 2,759,610, 8-21-56, Cl. 210-169.
- Jameson, Joseph L. Production of turbine blades. 2,755,604, 7-24-56, Cl. 51-141.
- Jameson, Joseph L. Apparatus for finishing surfaces having shapes which vary along their lengths. 2,761,254, 9-4-56, Cl. 51-141.
- Jamieson, Jack B., and J. A. Long, to Jamieson Saw Chain, Inc. Insert tooth for power saw chain. 2,749,950, 6-12-56, Cl. 143-135.
- Jamieson, John W.: *See*—  
 Dingman, Thomas C., and Jamieson. 2,735,710.
- Dingman, Thomas C., and Jamieson. 2,754,671.
- Jamieson, William F., and J. 2,766,338.
- Jamieson Saw Chain, Inc.: *See*—  
 Jamieson, Jack B., and Long. 2,749,950.
- Jamieson, William: *See*—  
 Smith, Thomas R., and Jamieson. 2,758,899.
- Jamieson, William F., and J. Dwell rotor for a distributor. 2,766,338, 10-9-56, Cl. 200-24.
- Jamilkowski, Vincent S., and B. W. Swanson. Tool holders. 2,772,094, 11-27-56, Cl. 279-16.
- Jamison Cold Storage Door Co.: *See*—  
 Evans, Winfield C. 2,729,486.
- Evans, Winfield C. 2,731,682.
- Jamison, Le Roy: *See*—  
 Dryg, Donald W., Jamison, and von Edeskut. 2,751,954.
- Jamison, Robert M.: *See*—  
 Arnold, Orlan M., and Jamison. 2,771,343.
- Jamison, Samuel J., and E. E. Chiopese Mfg. Corp. Noncorrosive fabric. Re. 24,139, 4-10-56, Cl. 139-426.
- Janata, Frank. Hedge-trimming machine. 2,762,186, 9-11-56, Cl. 56-233.
- Janaushek, George F.: *See*—  
 Dayger, Jonas E., and Janaushek. 2,738,130.
- Janaushek, George F., and S. F. Tse, to International Business Machines Corp. Record controlled machine. 2,758,537, 8-14-56, Cl. 101-19.
- Jancosek, Andrew, Jr.: *See*—  
 Jancosek, Andrew T., and A. J. 2,767,586.
- Jancosek, Andrew T., and A. J., to Standard Oil Co. Interface level indicator. 2,767,586, 10-23-56, Cl. 73-329.
- Jancsics, Mathias. Key carrying device. 2,737,046, 3-6-56, Cl. 70-457.
- Jandasek, Vladimir J.: *See*—  
 English, Herdis J., Jandasek, and Gillespie. 2,745,354.
- Jandt, Charles H.: *See*—  
 Spencer, Robert I., and Jandt. 2,761,113.
- Jandus, Herbert S., to Houdaille Industries, Inc. Automobile bumper attachment. 2,749,170, 6-5-56, Cl. 293-64.
- Janex, John R., to Deering Milliken Research Corp. Process of treating textiles and textiles treating compound. 2,738,290, 3-13-56, Cl. 117-65.
- Janex, Joseph. Pin setting devices for bowling alleys. 2,757,001, 7-31-56, Cl. 373-43.
- Janette Electric Mfg. Co.: *See*—  
 Wight, William A. 2,753,030.
- Janeway, Price W., Jr., deceased, by C. Hawkins, executrix, to The United Gas Improvement Co. Method for making gas rich in hydrogen. 2,743,171, 4-24-56, Cl. 48-196.
- Janeway, Robert N., to Chrysler Corp. Railway truck. 2,737,907, 3-13-56, Cl. 105-223.
- Janeway, Robert N., to Chrysler Corp. Railway passenger car truck. 2,740,360, 4-3-56, Cl. 105-200.
- Jang, Monroe. Garment form. 2,766,910, 10-16-56, Cl. 223-92.
- Jang, Monroe. Skirt form. 2,766,917, 10-16-56, Cl. 223-95.
- Janik, Anton J., to The Ridge Tool Co. Quick acting chucking tool. 2,745,670, 5-15-56, Cl. 279-114.
- Janik, Anton J., to The Ridge Tool Co. Reversible rotary pump. 2,748,716, 6-5-56, Cl. 103-138.
- Janik, Anton J., to The Ridge Tool Co. Quick acting chucking tool. 2,756,061, 7-24-56, Cl. 279-114.
- Janik, Oswald C. L. Garment hanger. 2,736,474, 2-28-56, Cl. 223-90.
- Janis, Martin A., and E. G. Bremford, to Kuehmann Foods, Inc. Treating method for potatoes. 2,762,709, 9-11-56, Cl. 99-100.
- Janiszewski, Kasimir. Die set with a tapered bushing and complementary leader pin. 2,749,987, 6-12-56, Cl. 164-118.
- Janiszewski, Kasimir. Replaceable leader pin bushing. 2,751,260, 6-19-56, Cl. 308-4.
- Janiszewski, Kasimir. Die set leader pins and leader pin bushings. 2,750,825, 7-31-56, Cl. 164-118.
- Janke, Edward J.: *See*—  
 Mitchell, Lester F., and Janke. 2,770,192.
- Janke, Bernard. Wax strip and method of use. 2,752,681, 7-3-56, Cl. 32-19.
- Janke, Bernard. Methods and instruments for setting artificial teeth. 2,754,592, 7-17-56, Cl. 82-70.
- Jankens, Austin L., to The Dow Chemical Co. White or pastel pigmented vinylidene chloride copolymer with improved color retention properties. 2,753,321, 7-3-56, Cl. 260-41.
- Janowski, Henry J., to Foster Wheeler Corp. Vapor generator. 2,774,340, 12-18-56, Cl. 122-510.
- Jankura, Michael, to Manning, Maxwell & Moore, Inc. Pressure gauge. 2,752,787, 7-3-56, Cl. 73-416.
- Jannace, Saverio, to I. Rizzi. Concealed hinge of slidable extensible type. 2,770,834, 11-20-56, Cl. 16-179.
- Janney, Raymond B. II.: *See*—  
 Doolittle, Donald B., and Janney. 2,763,467.
- Janney, Raymond B., II., and D. B. Doolittle, to the United States of America as represented by the Secretary of the Air Force. Air to air refueling of fighter aircraft. 2,767,943, 10-29-56, Cl. 244-135.
- Janning, Robert J. Viewer. 2,744,345, 5-8-56, Cl. 40-152.2.
- Janonis, George. Door latch mechanism. 2,733,091, 1-31-56, Cl. 292-166.
- Janonis, George, and A. Goutas. Support. 2,732,954, 1-31-56, Cl. 111-88.
- Janos, Alfred G., to General Electric Co. Two temperature refrigerator. 2,741,098, 4-10-56, Cl. 62-4.
- Janos, Alfred G., to General Electric Co. Method of thermal insulation. 2,745,173, 5-15-56, Cl. 29-455.
- Janosko, George J.: *See*—  
 Kovacich, Joseph J., and Janosko. 2,753,082.

- Janousek, Frank A. Fishing reel brake. 2,752,011, 6-26-56, Cl. 188-186.
- Janovic, John P.: *See*—  
Yost, Albert G. 2,775,273.
- Janowiec, Edward V. Lockable electric connector. 2,732,531, 1-24-56, Cl. 339-75.
- Janows, Alex., to Alex Janows & Co. Counterbalanced cabinet door assembly. 2,762,675, 9-11-56, Cl. 312-319.
- Jansen, Bernhard. Spring action driving gear with variable torque for load changeover switches of regulating transformers. 2,734,837, 2-14-56, Cl. 74-99.
- Jansen, Bernhard. Adjustable power factor correction system. 2,731,551, 6-19-56, Cl. 323-110.
- Jansen, Elisabeth.: *See*—  
Jansen, Wilhelm. 2,747,620.
- Jansen, Erich.: *See*—  
Mückter, Heinrich, and Jansen. 2,755,274.
- Jansen, Geurt, to Hartford National Bank and Trust Co., as trustee. Braking device. 2,770,330, 11-13-56, Cl. 188-90.
- Jansen, Jacob E., and M. E. Roha, to The B. F. Goodrich Co. Purification of beta-lactones by aqueous alkali extraction. 2,759,005, 8-14-56, Cl. 260-343.8.
- Jansen, Marius J.: *See*—  
Lemmens, Hendrikus J., Jansen, Haayman, and Van der Linden. 2,737,607.
- Jansen, Raymond K. Cow washer. 2,731,300, 1-17-56, Cl. 299-111.
- Jansen, Robert A., to Avco Mfg. Corp. Baffle and mounting means in refrigerator. 2,770,954, 11-20-56, Cl. 62-117.3.
- Jansen, Wilhelm, deceased, by E. Jansen, widow and heir and guardian of minor heirs. Wire tying machine. 2,747,620, 2-29-56, Cl. 140-93.6.
- Jansen, Willem J. B. Methods of and machines for winding spiral springs. 2,774,407, 12-18-56, Cl. 153-65.
- Jansma, John C., to The Standard Oil Co. Thermal diffusion apparatus. 2,743,015, 4-24-56, Cl. 210-52.5.
- Jansma, John C., to The Standard Oil Co. Method and apparatus for separating liquids by thermal diffusion. 2,743,015, 4-24-56, Cl. 210-52.5.
- Jansma, John C., to The Standard Oil Co. Liquid thermal diffusion apparatus and method. 2,772,782, 12-4-56, Cl. 210-52.5.
- Janson, Alfons, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Process for the production of zinc formaldehyde sulfoxylate from basic zinc formaldehyde sulfoxylate. 2,731,483, 1-2-56, Cl. 260-429.
- Janson, Gunnar H., to Lear, Inc. Electromagnetic clutch with particulate clutching medium. 2,772,761, 12-4-56, Cl. 192-21.5.
- Janson, Leroy, to Sprague & Henwood, Inc. Fluid operated chuck. 2,768,830, 10-30-56, Cl. 279-4.
- Janson, Paul C., to The Superior Switchboard and Devices Co. Socket meter box latch. 2,742,173, 4-17-56, Cl. 220-3-8.
- Janz, Stefan K., to the Minister of Supply in Her Majesty's Government of the United Kingdom of Great Britain and Northern Ireland. Pivoted breech bolt lock for gas piston firearms. 2,775,166, 12-25-56, Cl. 89-191.
- Janssen, Gerardus H.: *See*—  
Haayman, Pieter W., van der Linden, Veeneman, and Janssen. 2,772,190.
- Janssen, John H. Grease trap. 2,763,335, 9-18-56, Cl. 182-9.
- Janssen, Peter J. H.: *See*—  
Folderer, Leendert, Janssen, and Gits. 2,773,182.
- Janssen, Peter J. H., to Hartford National Bank and Trust Co., as trustee. Oscillator synchronization. 2,730,622, 1-10-56, Cl. 250-36.
- Janssen, Peter J. H., to Hartford National Bank and Trust Co., as trustee. Circuit-arrangement for synchronizing an oscillator at a control-oscillation. 2,760,071, 8-21-56, Cl. 250-36.
- Janssen, Peter J. H., to Hartford National Bank and Trust Co., as trustee. Circuit-arrangement for producing sawtooth current across a coil. 2,760,110, 8-21-56, Cl. 315-27.
- Janssen, Peter J. H., to Hartford National Bank and Trust Co., as trustee. Amplifier with negative voltage feedback. 2,768,325, 12-25-56, Cl. 182-9.
- Janssen, Peter J. H., to Hartford National Bank and Trust Co., as trustee. Video amplifier with signal-intensity-determined threshold. 2,773,121, 12-4-56, Cl. 178-7.3.
- Janssen, Peter J. H., to Hartford National Bank and Trust Co., as trustee. Circuit-arrangement for synchronizing an oscillator to a pilot wave. 2,773,189, 12-4-56, Cl. 250-36.
- Jansson, Aine E. E.: *See*—  
Haglund, David O., and Jansson. 2,740,014.
- Janus, Alexander G., to G. Boudours, Jr. Baby seat. 2,736,364, 2-28-56, Cl. 155-27.
- Janz, Fred, to National Container Corp. Box and clip construction. 2,741,419, 4-10-56, Cl. 229-47.
- Janz, Fred, to National Container Corp. Partition strip feeding mechanism for a partition assembling machine. 2,744,751, 5-8-56, Cl. 271-2.5.
- Janzer, Lorin H., and L. R. Harriman, to Urschel Engineering Co. Stake grappling and pulling machine. 2,733,950, 2-7-56, Cl. 294-88.
- Japan Broadcasting Corp.: *See*—  
Miyaji, Koichi. 2,731,562.
- Japikse, Bertrand, to Birdshore Steel Foundry and Machine Hydraulic press. 2,745,366, 5-15-56, Cl. 113-45.
- Jagues, Elmo B., to Descaling Equipment Co., Inc. Descaling wheel. 2,746,127, 5-22-56, Cl. 29-81.
- Jaquet A. G.: *See*—  
Zwislocki, Joseph. 2,753,397.
- Jaquith, John S., to Bendix Aviation Corp. Starter control system. 2,742,757, 4-24-56, Cl. 60-39.14.
- Jarand, Paul A. Compression operated fuel injection pump. 2,749,896, 6-12-56, Cl. 123-39.
- Jardier, Inc.: *See*—  
Kletzing, Hobart H. 2,734,430.
- Jarema, Joseph M., and R. F. Goode. Push-pull synchroscope sweep circuit. 2,768,324, 10-23-56, Cl. 315-26.
- Jari Products, Inc.: *See*—  
Leutvenius, Karl J. G. 2,732,638.
- Jarman, Vincent G.: *See*—  
Smathers, Henry A. 2,774,203.
- Jarman-Williamson Co.: *See*—  
Williamson, Norman B. 2,774,403.  
Williamson, Norman B. 2,775,404.
- Jarmon, Jake B., Jr.: *See*—  
Roberts, Roy J. 2,775,058.
- Jaron, Julian, to Alice Jewellery Co. Jewelry clip with friction pivot. 2,745,264, 5-15-56, Cl. 63-14.
- Jaros, Stanley E.: *See*—  
Hunt, John C., Jaros, and Nelson. 2,771,497.
- Jarosh, John J., C. A. Haskell, and W. W. Dunnell, Jr., to Research Corp. Gyroscopic apparatus. 2,752,791, 7-3-56, Cl. 74-238.
- Jarrian, Paul: *See*—  
Daniel, Pierre F., Casacci, and Jarrian. 2,767,328.
- Jarry Hydraulics: *See*—  
Fulam, John F., and Gyurik. 2,763,449.
- Järund, Harry S. V., to Hermorion Ltd. Apparatus for continuously producing packages from a tube or sleeve. 2,738,631, 3-20-56, Cl. 53-180.
- Järund, Harry S. V., to Hermorion Ltd. Containers that can be telescopically inserted, into each other and at the same time locked upon one another. 2,742,181, 4-17-56, Cl. 220-97.
- Jarvis, Cecil W.: *See*—  
Trotter, Marvin L., and Jarvis. 2,752,052.
- Jarvis, Harold, Jr.: *See*—  
Clarno, William W., Stevens, Bauer, Jarvis, and Heller. 2,742,238.
- Jarvis, Herbert W.: *See*—  
Courchene, Theodore P., Eppler, and Jarvis. 2,735,117.
- Jarvis, Jack S., to Hall & Hall Ltd. Packing ring. 2,755,118, 7-17-56, Cl. 28-7.
- Jarvis, John, to Bendix Aviation Corp. Altitude responsive signal generator. 2,748,355, 5-29-56, Cl. 336-30.
- Jarvis, John, to Bendix Aviation Corp. Noise eliminator for audio input systems. 2,769,132, 10-30-56, Cl. 318-489.
- Jarvis, John, to Bendix Aviation Corp. Thermal time delay circuit. 2,769,955, 11-6-56, Cl. 323-69.
- Jarvis Mfg., Inc.: *See*—  
Schroeder, Arlo E. 2,765,564.
- Jarvis, Ralph H. Flexible tool coupling. 2,761,298, 9-4-56, Cl. 64-11.
- Jasco Aluminum Products Corp.: *See*—  
Flicker, Howard D. 2,730,776.  
Flicker, Howard D. 2,757,422.
- Joseph, Lawrence E., to Dover Corp. Hydraulic control apparatus. 2,737,197, 3-6-56, Cl. 137-108.
- Joseph, Lawrence E., to Dover Corp. Adjustable loading dock. 2,750,609, 6-19-56, Cl. 14-71.
- Joseph, Lawrence E., to Dover Corp. Pressure accumulator and motor control. 2,752,754, 7-3-56, Cl. 60-51.
- Jasinski, Mathew S. Pipe flaring device. 2,737,225, 3-6-56, Cl. 153-81.
- Jasionis, John P.: *See*—  
Fosse, Marshall C., III, and Jasionis. 2,748,067.
- Jaskowski, Michael C.: *See*—  
Frederick, Edward R., Jaskowski, and Haller. 2,739,391.
- Jason, William E.: *See*—  
Bemis, Robert P. 2,750,099.
- Jaspers, Johannes C.: *See*—  
Alink, Roelof J. H., Jaspers, and Van Rijssel. 2,758,943.
- Jaspersion, Robert E. Vertical seeking apparatus. 2,741,854, 4-17-56, Cl. 33-215.
- Jasse, Joseph R., to Societe Nouvelle des Etablissements Brandt. Anemometric device. 2,742,753, 4-24-56, Cl. 73-189.
- Jasse, Joseph R., to Societe Nouvelle des Etablissements Brandt. Misfired projectile extractor. 2,770,988, 11-20-56, Cl. 81-3.05.
- Jasse, Joseph R., to Societe Nouvelle des Etablissements Brandt. Rocket projectile. 2,773,448, 12-11-56, Cl. 102-49.
- Jatzek, Henry A.: *See*—  
Baran, Edward C., Fletcher, Jatzek, and Pappas. 2,752,307.
- Jauch, Robert J.: *See*—  
Wright, George W., Jauch, Clymer, Jackson, and Scheurer. 2,732,108.
- Jauch, Robert J. Dispensing pumps. 2,772,817, 12-4-56, Cl. 222-207.
- Jauch, Robert J., and C. W. Kruckeberg, said Kruckeberg to said Jauch. Fluid proportioning and dispensing system. 2,739,738, 3-27-56, Cl. 222-133.
- Jaul, Ernest, and W. V. Lewis, Jr., to The Pennsylvania Salt Mfg. Co. N-substituted thiocarbanil chloride perchlorates. 2,767,212, 10-16-56, Cl. 260-543.
- Janzac, Henri J. F. Linen drier. 2,771,690, 11-27-56, Cl. 34-48.



- Javits, Benjamin A. Device to aid in attaching false eyelashes to real eyelashes and for trimming the same. 2,760,264, 8-28-56, Cl. 30-131.
- Jaworowski, Joseph F. and N., to Shockey Corp. Rotary pump. 2,746,391, 5-22-56, Cl. 103-42.
- Jaworowski, Norbert : *See*—
- Jaworowski, Joseph F. and N., 2,746,391.
- Jaworski, Leonard S., to Prestole Corp. One-piece spring metal capacitor case bracket. 2,762,597, 9-11-56, Cl. 248-300.
- Jay, Aimé, to Societe Cometa. Contactor actuated by a photoelectric cell. 2,753,492, 7-3-56, Cl. 371-124.
- Jay, Bernard : *See*—
- Jay, Carl J. and B. 2,764,356.
- Jay, Carl J. and B. Valve. 2,764,356, 9-25-56, Cl. 237-56.
- Jay, Henry. Finger ring set with gem mount locking means. 2,729,955, 1-10-56, Cl. 63-15.3.
- Jay, Jules : *See*—
- Jay, Carl J. and B. 2,764,356.
- Jay, Kenneth W., to A. V. Roe Canada Ltd. Filter by-pass control. 2,748,947, 6-5-56, Cl. 210-166.
- Jay, Kenneth W., to Orenda Engines Ltd. Gravity-controlled valves for continuous liquid supply tanks. 2,770,245, 11-13-56, Cl. 1-38.
- Jaye Corp., The : *See*—
- Jaye, Richard C. 2,736,974.
- Jaye, Richard C. 2,769,981.
- Jaye, Richard C. 2,772,520.
- Jaye, Richard C., to The Jaye Corp. Advertising display sign. 2,736,974, 6-5-56, Cl. 40-130.
- Jaye, Richard C., to The Jaye Corp. Condensate inhibiting liner for toilet flush tanks. 2,769,981, 11-13-56, Cl. 4-18.
- Jaye, Richard C., to The Jaye Corp. Machine for forming pipe-fitting covers. 2,772,520, 12-4-56, Cl. 51-100.
- Jaymar, Specialty Co. : *See*—
- Jay, Brown, Roy M. 2,752,813.
- Jazwieck, Alois M. Friction actuated, ratchet type wrench. 2,766,648, 10-16-56, Cl. 81-58.
- Jeandron, Howard T. : *See*—
- Brackx, Laurent H. J. 2,771,617.
- Jeanes, Alene R. : *See*—
- Tsuchiya, Henry M., Jeanes, Bricker, and Wilham. 2,742,899.
- Jeanlin, Pierre, to Societe Le Teleampliphone. Two-way loud-speaker telephone installations. 2,743,314, 4-24-56, Cl. 179-1.
- Jeanes, Armand L., A. C. Kellar, and S. D. White, to Bell Telephone Laboratories, Inc. Preset call transmitter. 2,731,517, 1-17-56, Cl. 179-90.
- Jeannette Glass Co., The : *See*—
- Cassell, Robert P. 2,732,665.
- Jeanot, Vladimir. Tapping instrument assembly. 2,732,491, 1-24-56, Cl. 250-20.
- Jecker, Gustav, to H. Ament. Ripping tools for tailoring and sewing. 2,764,814, 10-2-56, Cl. 30-294.
- Jedlick, Roland T., to H. G. Hemphill. Machine for removing waste slugs from carton blanks. 2,759,402, 8-21-56, Cl. 93-38.3.
- Jedlicka, Vladimir. Adjustable auxiliary awning construction. 2,733,484, 2-7-56, Cl. 20-57.5.
- Jeffcock, George N., and A. E. Wagar, to Cluett, Peabody & Co., Inc. Method of making a cuff and attachment to a sleeve. 2,769,178, 11-6-56, Cl. 2-123.
- Jeffers, Walter M., to Crouse-Hinds Co. Traffic signal controller. 2,751,574, 6-19-56, Cl. 340-37.
- Jeffers, Walter M., to Crouse-Hinds Co. System for synchronizing master and secondary timers. 2,761,096, 8-28-56, Cl. 318-75.
- Jefferson Chemical Co., Inc. : *See*—
- Bell, John B., Jr. 2,775,623.
- Bell, John B., Jr., and Malkemus. 2,755,286.
- Lichtenwalter, Myrl, and Cooper. 2,773,070.
- Lichtenwalter, Myrl, Peterson, and Sacken. 2,769,016.
- Malkemus, John D. 2,766,258.
- Poppel, William J., and Schiefelbein. 2,752,381.
- Sacken, Donald K. 2,765,283.
- Schiefelbein, Richard S. 2,768,975.
- Jefferson, Ernest S. Fishing reel. 2,747,811, 5-29-56, Cl. 42-34.1.
- Jefferson, Glen V., to Westinghouse Air Brake Co. Circuit controller. 2,747,056, 5-22-56, Cl. 200-133.
- Jefferson Lake Sulphur Co. : *See*—
- Miller, Ernest B. 2,739,689.
- Miller, Ernest B. 2,739,670.
- Miller, Ernest B. 2,742,546.
- Miller, Ernest B. 2,751,033.
- Miller, Ernest B. 2,759,560.
- Miller, Ernest B. 2,771,964.
- Jefferson, Sidney, and J. Garden. Inductively effected remote control for plural electric motors. 2,751,534, 6-19-56, Cl. 518-16.
- Jeffery, David B., to Amity Leather Products Co. Pass case with removable envelopes. 2,761,482, 9-4-56, Cl. 150-39.
- Jefferys, Alexander G., to The Firestone Tire & Rubber Co. Tire building apparatus. 2,754,885, 7-17-56, Cl. 154-9.
- Jefferys, Alexander G., and J. and F. Noall, to The Firestone Tire & Rubber Co. Tire building apparatus. 2,754,884, 7-17-56, Cl. 154-9.
- Jefferys, Herbert M. : *See*—
- Halliday, William, and Jefferys. 2,770,966.
- Jeffords, Joseph. Silencer for pneumatic devices. 2,764,250, 9-25-56, Cl. 181-50.
- Jeffrey, John H., to P. K. de Gooreynd. Cameras for stereoscopic photography. 2,762,279, 9-11-56, Cl. 95-18.
- Jeffrey, James O., 1/2 to H. E. Gagne. Card driving mechanism. 2,772,579, 12-4-56, Cl. 74-665.
- Jeffrey, Max L. Snap action switch. 2,761,030, 8-28-56, Cl. 200-70.
- Jeffrey Mfg. Co., The : *See*—
- Bird, Byron M. 2,744,628.
- Brake, Edgar R. 2,756,002.
- Edmunds, Glenn E. 2,747,517.
- Everhart, Harold S. 2,734,622.
- Haddox, Roy, Jr. 2,751,068.
- Jackson, Deric W. 2,763,436.
- Lee, Arthur L. 2,747,886.
- Medley, Harold C. 2,743,816.
- Medley, Harold C. 2,763,438.
- Mercier, Stanley M. 2,734,642.
- Mercier, Stanley M. 2,736,439.
- Mercier, Stanley M. 2,748,918.
- Mercier, Stanley M. 2,764,278.
- Moon, Sterling C. 2,746,597.
- Moon, Sterling C. 2,764,896.
- Pearson, David. 2,732,056.
- Smith, William J. 2,730,238.
- Warsmith, Harry R. 2,764,900.
- Whitney, Paul V. 2,751,094.
- Wright, Fred J. 2,730,004.
- Wright, Fred J. 2,743,095.
- Jeffrey, Robert S. M. : *See*—
- Richards, James A., and Jeffrey. 2,749,587.
- Jeffrey, William B. : *See*—
- Lowell, Ellis E., Bush, and Jeffrey. 2,729,994.
- Jeffreys, George A. Process for culturing anaerobic bacteria. 2,766,176, 10-9-56, Cl. 195-96.
- Jeffries, Frank A. : *See*—
- Cousins, Edward, and Jeffries. 2,772,249.
- Jeffries, Joseph W. : *See*—
- Campbell, John A., Jr., and Jeffries. 2,765,531.
- Jeger, Oskar : *See*—
- Ruzicka, Leopold, Heusser, and Jeger. 2,743,287.
- Ruzicka, Leopold, Heusser, and Jeger. 2,768,163.
- Ruzicka, Leopold, Heusser, and Jeger. 2,768,184.
- Ruzicka, Leopold, Heusser, and Jeger. 2,768,185.
- Ruzicka, Leopold, Heusser, and Jeger. 2,768,186.
- Ruzicka, Leopold, Heusser, and Zurich. 2,768,187.
- Ruzicka, Leopold, Heusser, and Jeger. 2,768,188.
- Ruzicka, Leopold, Heusser, and Jeger. 2,773,884.
- Jehle, Kurt : *See*—
- Herle, Ludwig, Jehle, Kunz, Möller, and Schlack. 2,733,122.
- Jehn, Werner F. Actuating mechanism and parachute delivery apparatus. 2,744,700, 5-8-56, Cl. 244-150.
- Jelatis, Demetrius G., to the United States of America as represented by the United States Atomic Energy Commission. Remote control manipulator. 2,771,199, 11-20-56, Cl. 214-1.
- Jelenko, J. F., and C. Co., Inc. : *See*—
- Bosna, Alexander A. 2,752,650.
- Jelinski, Charles, Jr., and A. A. Steinmetz, to The Western Union Telegraph Co. Synchronous power supply apparatus for facsimile systems. 2,737,622, 3-6-56, Cl. 321-49.
- Jelinek, Ulrich : *See*—
- Rosshiem, David B., and Jelinek. 2,755,199.
- Jelinek, Ulrich, to The M. W. Kellogg Co. Insulating composition and method of forming same. 2,767,708, 10-23-56, Cl. 154-33.1.
- Jellinek, Guido. Nail cover. 2,746,460, 5-22-56, Cl. 132-73.
- Jelling, Murray. Carboxylic acid salts of N-dialkylaminoalkylamides. 2,737,509, 3-6-56, Cl. 260-97.5.
- Jen, I-Tsai. Process of making alpha cellulose from fibrous ligno-cellulose materials, particularly from bagasse. 2,731,345, 1-17-56, Cl. 92-11.
- Jen, Yun : *See*—
- Suen, Tzeng J., and Jen. 2,769,796.
- Suen, Tzeng J., and Jen. 2,769,797.
- Suen, Tzeng J., and Jen. 2,769,799.
- Suen, Tzeng J., and Jen. 2,769,800.
- Jen, Yun, and W. M. Wooding, to American Cyanamid Co. Treatment of films with methylolcarbamyl polyazaalkane resins. 2,764,507, 9-25-56, Cl. 117-76.
- Jenaer Glaswerk Schott & Gen. : *See*—
- Geffcken, Walter. 2,745,757.
- Geffcken, Walter, and Eden. 2,749,379.
- Geffcken, Walter, and Schröder. 2,748,659.
- Jenard, Leonard J., and O. Fregeolle, to Harcourt Knitting Co. Circular knitting machine. 2,767,567, 10-23-56, Cl. 68-132.
- Jenckes, George A., to Fairy Silk Mills, Inc. Maternity slip. 2,761,148, 9-4-56, Cl. 2-73.
- Jendrassik, Clara : *See*—
- Jendrassik, George. 2,753,108.
- Jendrassik, George. 2,757,509.
- Jendrassik, George. 2,759,660.
- Jendrassik, George. 2,762,557.
- Jendrassik, George. 2,764,340.
- Jendrassik, George. 2,766,928.
- Jendrassik Developments Ltd. : *See*—
- Jendrassik, George. 2,759,660.
- Jendrassik, George. 2,762,557.
- Jendrassik, George. 2,764,340.
- Jendrassik, George. 2,766,928.
- Jendrassik, George, deceased. (A. G. T. Boszormenyi and C. Jendrassik, executors). Pressure exchangers. 2,753,108, 7-3-56, Cl. 230-69.

- Jendrassik, George, deceased; A. G. T. Boszormenyi and C. Jendrassik, executors. Jet reaction propulsion units utilizing a pressure exchanger. 2,757,509, 8-7-56, Cl. 60-35.6.
- Jendrassik, George, deceased; A. G. T. Boszormenyi and C. Jendrassik, executors. To Jendrassik Developments Ltd. Pressure exchangers. 2,759,660, 8-21-56, Cl. 230-69.
- Jendrassik, George, deceased; A. G. T. Boszormenyi and C. Jendrassik, executors. To Jendrassik Developments Ltd. Pressure exchangers. 2,762,557, 9-11-56, Cl. 230-69.
- Jendrassik, George, deceased; A. G. T. Boszormenyi and C. Jendrassik, executors. To Jendrassik Developments Ltd. Pressure exchangers. 2,766,928, 10-16-56, Cl. 230-69.
- Jendrissak, Joseph E., to Libbey-Owens-Ford Glass Co. Glass bending mold. 2,737,758, 3-13-56, Cl. 49-67.
- Jendrissak, Joseph E., to Libbey-Owens-Ford Glass Co. Method and apparatus for bending glass sheets or plates. 2,744,359, 5-8-56, Cl. 49-67.
- Jendrissak, Joseph E., to Libbey-Owens-Ford Glass Co. Mold for shaping glass sheets. 2,758,422, 8-14-56, Cl. 49-67.
- Jendrissak, Joseph E., to Libbey-Owens-Ford Glass Co. Apparatus for bending glass sheets or plates. 2,774,189, 12-18-56, Cl. 49-67.
- Jendrissak, Joseph E., and F. J. Carson, to Libbey-Owens-Ford Glass Co. Glass bending methods and furnaces. 2,766,555, 10-16-56, Cl. 49-7.
- Jenison, George. Smogless air mufflers. 2,737,260, 3-6-56, Cl. 183-13.
- Jenk, Robert L., and J. C. Redd. Composite board. 2,774,698, 12-18-56, Cl. 154-45.9.
- Jenkins, Albert H. See—
- Jenkins, Robert H. and A. H. 2,749,057.
- Jenkins, Alexander, and A. Langridge, to Westinghouse Brake and Signal Co. Ltd. Crystal contact rectifiers. 2,753,497, 7-3-56, Cl. 317-236.
- Jenkins, Bill J. Adjustable wrench set with magnetized heads. 2,758,494, 8-14-56, Cl. 81-71.
- Jenkins, Cecil: See—
- Woolslayer, Homer J., Jenkins, Borg, and Campbell. 2,744,725.
- Woolslayer, Homer J., Jenkins, Iddings, and Campbell. 2,753,963.
- Jenkins, Charles C., and J. W. Lapointe. Core perforator for ink pad. 2,746,547, 5-22-56, Cl. 164-93.
- Jenkins, Chris. C., and F. P. Slater. Stone splitting press. 2,768,620, 10-20-56, Cl. 125-23.
- Jenkins, Clifford H.: See—
- Morse, Delbert F., and Jenkins. 2,761,701.
- Jenkins, Ellen B.: See—
- Blatz, Peter H. 2,758,425.
- Jenkins, George F., to Minneapolis-Honeywell Regulator Co. Plural zone temperature control apparatus. 2,758,791, 8-14-56, Cl. 236-9.
- Jenkins, George, Jr. Banjo tuning device. 2,771,808, 11-27-56, Cl. 4-304.
- Jenkins, George N.: See—
- Barnum, Robert E., Jenkins, and Wasserbach. 2,749,225.
- Jenkins, Gwynville, and G. W. Taylor, to Polygram Casting Co. Ltd. Ejector mechanism for pattern plates. 2,751,645, 6-26-56, Cl. 22-20.
- Jenkins, Gwynville, G. W. Taylor, and J. Fallows, to Polygram Casting Co. Ltd. Apparatus for making casting moulds or other hollow articles. 2,755,626, 7-24-56, Cl. 25-21.
- Jenkins, Herbert F. L., and H. F. Humphrey, to Dunlop Tire and Rubber Corp. Pneumatic tires. 2,742,943, 4-24-56, Cl. 152-344.
- Jenkins, Homer T. Combination cultivator-rake. 2,767,545, 10-23-56, Cl. 56-400.06.
- Jenkins, Horace D. Toilet paper dispenser. 2,749,056, 6-5-56, Cl. 242-55.2.
- Jenkins, Howard M., Jr., to Van Auken, Inc. Wheel trim structure. 2,746,806, 5-22-56, Cl. 301-37.
- Jenkins, Hugh P., Jr., to the United States of America as represented by the Secretary of the Navy. Reaction chamber and apparatus for delivering liquid propellants thereto at variable ratios and variable rates of delivery. 2,752,989, 7-3-56, Cl. 158-36.4.
- Jenkins, Lynn E. Wheel barrow. 2,767,886, 10-23-56, Cl. 222-176.
- Jenkins, Paul W., and A. A. Brown, to H. H. Robertson Co. Wall-panel structure. 2,744,589, 6-8-56, Cl. 189-34.
- Jenkins, Robert H. and A. H. Fish line reel. 2,749,057, 6-5-56, Cl. 242-84.5.
- Jenkins, Russell L., to Monsanto Chemical Co. Preparation of non-dusting organic detergent compositions. 2,742,436, 4-17-56, Cl. 252-161.
- Jenkins, Thomas C., to Lockheed Aircraft Corp. Engine indicator probe. 2,747,289, 5-29-56, Cl. 33-172.
- Jenkins, Wendell L., and W. J. Bennett, to The Canton Chaplet & Mfg. Co. Shrinkage control device for cast metal. 2,731,688, 1-24-56, Cl. 22-174.
- Jenkins, William D., S. L. Frank, and J. Zipay, to Westinghouse Electric Corp. Contact switches. 2,743,953, 2-14-56, Cl. 200-16.
- Jenkins, William W., to G. D. Searle & Co. Esters of 4-phenyl-4-tetrahydropyranecarboxylic acid and their salts. 2,774,765, 12-18-56, Cl. 260-294.3.
- Jenks, George M. T. Golf practice apparatus. 2,737,432, 3-6-56, Cl. 346-44.
- Jenks, Loren H., and R. J. Stancliff, Jr., to Esso Research, and Engineering Co. Treatment of petroleum production wells. 2,771,954, 11-27-56, Cl. 166-39.
- Jenks, Raymond L. Spring motor-operated fire alarm. 2,769,422, 11-6-56, Cl. 113-101.
- Jenn, Louis J. Roof exhauster. 2,774,293, 12-18-56, Cl. 98-43.
- Jenne, Kenneth C., to Malleable Iron Fittings Co. Washer gain for timber structures formed of round wood poles. 2,762,091, 9-11-56, Cl. 20-92.
- Jenne, Kenneth C., to Malleable Iron Fittings Co. Interlocked bracket and fastener. 2,762,595, 9-11-56, Cl. 248-224.
- Jennens, Arthur E. Weeder. 2,749,088, 6-5-56, Cl. 254-132.
- Jennens, Arthur E. Paint brush holder. 2,755,032, 7-17-56, Cl. 248-113.
- Jenner, Edward L., to E. I. du Pont de Nemours and Co. Unsaturated difunctional compounds and process for their preparation. 2,757,192, 7-31-56, Cl. 260-465.3.
- Jenner, Edward L., to E. I. du Pont de Nemours and Co. Coupling of conjugated olefins and alcohols by hydroxyl free-radicals. 2,757,210, 7-31-56, Cl. 260-635.
- Jenner, Victor G., and V. D. Worstall, to Lever Brothers manufacturing machines. 2,756,099, 7-3-56, Cl. 226-95.
- Jenness, James R., Jr. Dual photoconductive infrared detector. 2,742,550, 4-17-56, Cl. 201-63.
- Jenness, James R., Jr. Infrared detector cell. 2,768,265, 10-23-56, Cl. 201-63.
- Jennett, Thomas. Automatic cooking appliance. 2,738,723, 3-20-56, Cl. 99-329.
- Jenney, John W.: See—
- Hlynsky, Alex., and Jenney. 2,774,788.
- Jenney, John W., to Diamond Alkali Co. Process of chlorinating organic materials. 2,756,279, 10-9-56, Cl. 260-92.
- Jenney, Ray S., R. T. Fetherston, and G. R. Miller, to Kellogg Co. Apparatus for separating and feeding articles. 2,744,609, 5-8-56, Cl. 198-31.
- Jenney, Ray S., and R. T. Fetherston, to Kellogg Co. Delivery mechanism for articles. 2,744,615, 5-8-56, Cl. 198-32.
- Jenney, Theodore M., to Olin Mathieson Chemical Corp. Production of trichlorobenzenes. 2,745,883, 5-15-56, Cl. 260-650.
- Jenney, Theodors M., and B. H. Nicolaisen, to Olin Mathieson Chemical Corp. Process for the recovery of pure 2,4,5-trichlorotetraol from products of the alkaline hydrolysis of 1,2,4,5-tetrachlorobenzene. 2,748,174, 5-29-56, Cl. 260-623.
- Jennings, Charles H.: See—
- Braun, Walter J., and Jennings. 2,774,529.
- Croco, Charles P., Jennings, Lester, and Steinert. 2,752,529.
- Jennings, Frederic B.: See—
- Stimson, Allen G., Brynes, Jennings, and Taylor. 2,739,560.
- Stimson, Allen G., Brynes, Jennings, and Taylor. 2,766,654.
- Jennings, Garland B.: See—
- Stinson, Clarence E., and Jennings. 2,753,322.
- Jennings, James C. Oil can crusher. 2,737,995, 3-13-56, Cl. 153-10.5.
- Jennings, James O., 1/2 to L. H. Seel. Bobbin guide extension. 2,762,401, 9-11-56, Cl. 139-255.
- Jennings, James O., to Jennings Radio Mfg. Corp. Feed through condenser. 2,735,969, 2-21-56, Cl. 317-244.
- Jennings, Jo E., to Jennings Radio Mfg. Corp. Vacuum switch. 2,740,867, 4-3-56, Cl. 200-144.
- Jennings, Jo E., to Jennings Radio Mfg. Corp. Vacuum switch. 2,740,868, 4-3-56, Cl. 200-144.
- Jennings, Jo E., to Jennings Radio Mfg. Corp. Vacuum switch. 2,740,889, 4-3-56, Cl. 200-144.
- Jennings, Jo E., to Jennings Radio Mfg. Corp. Adjustable spark gap. 2,740,915, 4-3-56, Cl. 313-148.
- Jennings, Jo E., and L. B. Steward, to Jennings Radio Mfg. Corp. Electronic implement. 2,740,920, 4-3-56, Cl. 315-58.
- Jennings, Jo E., and L. B. Steward, to Jennings Radio Mfg. Corp. Vacuum variable condenser. 2,740,926, 4-3-56, Cl. 317-245.
- Jennings, Jo E., and L. B. Steward, to Jennings Radio Mfg. Corp. Vacuum variable condenser. 2,740,927, 4-3-56, Cl. 317-245.
- Jennings, Norman L., to Monsanto Chemical Co. Preparation of phthalonitriles. 2,758,129, 8-7-56, Cl. 260-465.
- Jennings Radio Mfg. Corp.: See—
- Jennings, Jo E. 2,735,969.
- Jennings, Jo E. 2,740,867.
- Jennings, Jo E. 2,740,868.
- Jennings, Jo E. 2,740,869.
- Jennings, Jo E. 2,740,870.
- Jennings, Jo E., and Steward. 2,740,920.
- Jennings, Jo E., and Steward. 2,740,926.
- Jennings, Jo E., and Steward. 2,740,927.
- Jennings, Uel P., and E. F. Lewis, to E. I. du Pont de Nemours and Co. Explosive cartridge end closure apparatus. 2,769,377, 11-6-56, Cl. 98-55.1.
- Jenny, Alfred L., to General Electric Co. Method of etching tantalum. 2,742,416, 4-17-56, Cl. 204-141.
- Jenny, Alfred L., and D. H. Stephenson, to General Electric Co. Tantalum electrolytic capacitor. 2,749,487, 6-3-56, Cl. 317-230.
- Jenny, Dietrich A.: See—
- Armstrong, Lorne D., and Jenny. 2,750,542.



- Jenny, Dietrich A., to Radio Corp. of America. Semi-conductor devices and methods for treating same. 2,745,323, 5-29-56, Cl. 317-234.
- Jenny, Hans K., to Radio Corp. of America. Tunable magnetron. 2,759,122, 8-14-56, Cl. 315-39.57.
- Jenny, Hans K., to Radio Corp. of America. Electronically tunable magnetron. 2,759,123, 8-14-56, Cl. 315-39.57.
- Jensen, Robert W., to Bostitch, Inc. Stapling implement. 2,753,440, 2-7-56, Cl. 1-49.
- Jenny, Robert W., to Bostitch, Inc. Portable stapling implement. 2,772,415, 12-4-56, Cl. 1-44.4.
- Jenny, Walter: *See—*
- Kern, Walter, and Jenny. 2,738,354.
- Jensch, Clyde K., to Nordberg Mfg. Co. Grinding assembly for drill bits. 2,746,212, 5-22-56, Cl. 51-92.
- Jense, Willem F.: *See—*
- Kroenig, Walter, Hirsch, van der Zijden, and Jense. 2,732,345.
- Jense, Willem F., and C. B. Davies, to Shell Development Co. Oil-in-water metal working lubricant. 2,732,348, 1-24-56, Cl. 252-33.3.
- Jensen, Arthur S., to Radio Corp. of America. Storage tube. 2,770,747, 11-13-56, Cl. 313-68.
- Jensen, Beatrice E.: *See—*
- Carlson, Dewayne C. 2,758,458.
- Jensen, Clarence F., to Webster Electric Co. Transducer supporting and positioning means. 2,756,058, 7-24-56, Cl. 274-56.
- Jensen, Clarence F., to Webster Electric Co. Transducer. 2,771,513, 11-20-56, Cl. 179-100.41.
- Jensen, Clifford J., to Westinghouse Electric Corp. Magnetic amplifier. 2,763,828, 9-18-56, Cl. 321-25.
- Jensen, Dwayne W.: *See—*
- Beckman, Carl, and Jensen. 2,738,484.
- Jensen, Eiler, to F. L. Smith & Co. Apparatus for weighing and packaging powder or granular material. 2,774,516, 12-18-56, Cl. 222-195.
- Jensen, Erik, to Novo Terapeutisk Laboratorium A/S. Vessel with sterile closure for separate storage of at least two substances. 2,773,591, 12-11-56, Cl. 206-47.
- Jensen, Ewan A.: *See—*
- Wilcox, Joseph E., and Jensen. 2,748,371.
- Jensen, Frank V., to Jensen Specialties, Inc. Conveyor mechanism. 2,733,520, Cl. 34-66.
- Jensen, G. K., & Co. Ltd.: *See—*
- Chabib, Seichouk A., and Taylor. 2,757,758.
- Jensen, Harry T., to United Aircraft Corp. Damper by-pass for lag-lead control of helicopter rotor blades. 2,774,553, 12-18-56, Cl. 24-17.17.
- Jensen, Harry T., and H. W. Bonnett, to United Aircraft Corp. Rotor balancing means. 2,759,359, 8-21-56, Cl. 73-147.
- Jensen, Jack H.: *See—*
- Rust, David J., and Jensen. 2,730,172.
- Rust, David J., and Jensen. 2,770,334.
- Jensen, Jack H., to Ry-Lock Co. Ltd. Screen tensioning device. 2,745,487, 5-15-56, Cl. 160-328.
- Jensen, Jack H., to Ry-Lock Co. Ltd. Adjustable tensioning device for frameless window screens. 2,759,536, 8-21-56, Cl. 160-328.
- Jensen, James A., to Philadelphia Valve Co. Filling control mechanism for tank vehicles. 2,730,126, 1-10-56, Cl. 13-187.
- Jensen, James L., to Minneapolis-Honeywell Regulator Co. Oscillators. 2,774,878, 12-18-56, Cl. 250-36.
- Jensen, Jens P. Processing of milk products. 2,758,925, 8-14-56, Cl. 99-20.
- Jensen, Louis, to Uarco, Inc. Carbon change signaling device for an autographic register. 2,744,768, 5-8-56, Cl. 282-1.
- Jensen, Louis P., and W. M. Wheldon, Jr., to Norton Co. Apparatus for coating articles with refractory oxides and the like. 2,769,663, 11-6-56, Cl. 299-28.8.
- Jensen, Melvin J.: *See—*
- Jerome, Wallace H., and Jensen. 2,768,476.
- Jensen, Olaf, to Norsk Hydro-Elektrisk Kvaelforstakteselskab. Furnace for use in endothermic reduction process. 2,765,360, 10-2-56, Cl. 13-23.
- Jensen, Ole D., and V. S. Fleming: said Fleming assor. to said Jensen. 2,745,487, 5-15-56, Cl. 30-30.4.
- Jensen, Otto, to I-T-E Circ. Breaker Co. Reactors. 2,759,128, 8-14-56, Cl. 317-100.
- Jensen, Otto W.: *See—*
- Carlson, Dewayne C. 2,758,458.
- Jensen, Raymond W., to The Garrett Corp. Dual differential and ratio lockout mechanism. 2,734,442, 2-14-56, Cl. 98-1.5.
- Jensen, Raymond W., to The Garrett Corp. System and apparatus for inflating or deflating pneumatic vessels. 2,745,425, 5-15-56, Cl. 137-108.
- Jensen, Raymond W., to The Garrett Corp. Spring rate compensating device for relief valves and actuators. 2,745,431, 5-15-56, Cl. 137-514.7.
- Jensen, Richard C., to General Electric Co. Bearing correlating system. 2,745,096, 5-8-56, Cl. 343-11.
- Jensen Specialties, Inc.: *See—*
- Jensen, Frank V. 2,733,520.
- Jensen, Thormod, to American Machine and Foundry Co. Mixer. 2,769,622, 11-6-56, Cl. 259-8.
- Jensen, Warren, and J. O. Clayton, to California Research Co. Cycloalkane phosphonyl chlorides. 2,772,308, 11-27-56, Cl. 260-543.
- Jensen, Weldon H., 1/2 to W. B. Lynch. Electric meat fryer. 2,770,182, 11-13-56, Cl. 99-373.
- Jenson, Kenneth S., to Preway Inc. Blower unit and combined heater cabinet-blower unit. 2,741,243, 4-10-56, Cl. 126-110.
- Jenson, Kenneth S., to Preway Inc. Rotatable louver unit. 2,759,411, 8-21-56, Cl. 98-40.
- Jenson, Kenneth S., and W. N. Nelson, to Preway Inc. Liquid fuel feed system. 2,732,891, 1-31-56, Cl. 158-36.6.
- Jentges, Thomas W.: *See—*
- Frankton, Frank, and Jentges. 2,745,094.
- Jeppesen, Bartell T.: *See—*
- Small, William, and Jeppesen. 2,729,255.
- Jeppesen, Curtis P. Combined thermal and power failure alarm device. 2,740,953, 4-3-56, Cl. 340-227.
- Jeppesen, Erik M.: *See—*
- Brownell, Bert H., and Jeppsson. 2,767,811.
- Jepsen, Jens M., to American Type Founders Co., Inc. Variable speed transmission. 2,755,676, 7-24-56, Cl. 74-230.17.
- Jepson, Ivar, to Sunbeam Corp. Steam iron. Re. 2,741,81, 7-17-56, Cl. 38-77.
- Jepson, Ivar, to Sunbeam Corp. Filter assembly. 2,738,073, 3-13-56, Cl. 210-162.
- Jepson, Ivar, to Sunbeam Corp. Pressing iron capable of being converted to a steam iron. 2,744,344, 5-8-56, Cl. 38-77.
- Jepson, Ivar, to Sunbeam Corp. Electric frying pan. 2,744,995, 5-8-56, Cl. 219-44.
- Jepson, Ivar, to Sunbeam Corp. Thermal blanket. 2,753,435, 7-3-56, Cl. 219-39.
- Jepson, Ivar, to Sunbeam Corp. Grooming device. 2,753,583, 7-3-56, Cl. 219-39.
- Jepson, Ivar, to Sunbeam Corp. Automatic egg cooker. 2,761,375, 9-4-56, Cl. 99-344.
- Jepson, Ivar, to Sunbeam Corp. Electric dehornor and means for converting same to soldering iron. 2,763,762, 9-18-56, Cl. 219-29.
- Jepson, William L. Railway train proximity warning system. 2,762,913, 9-11-56, Cl. 250-2.
- Jéquier, Léon, 1/2 to Amonia Casale Società Anonima. Gasification method. 2,772,954, 12-4-56, Cl. 48-202.
- Jerde, Melvin D. Combination seat, table and benches. 2,757,713, 8-7-56, Cl. 155-43.
- Jeremiah, Earl, to United Can and Glass Co. Can unscrew-er. 2,775,334, 12-25-56, Cl. 198-30.
- Jeremias, Charles G., to Eastman Kodak Co. Process for making monomeric  $\alpha$ -cyanoacrylates. 2,763,677, 9-18-56, Cl. 260-465.4.
- Jergens, John G. Pilot bearing. 2,747,948, 5-29-56, Cl. 308-187.1.
- Jerguson Gage & Valve Co.: *See—*
- Van Ham, Ernest E. 2,747,404.
- Jerkas, Sven. Melting furnaces for metals with low melting point. 2,738,180, 3-13-56, Cl. 263-11.
- Jermain, Robert A.: *See—*
- Gruber, Bernard A., Gordon, and Jermain. 2,735,668.
- Jermyn, Arthur C. Masticators for artificial teeth. 2,746,148, 5-22-56, Cl. 32-2.
- Jernakoff, George, to General Electric Co. Variable frequency oscillator for mass spectrometer. 2,756,339, 7-24-56, Cl. 250-11.9.
- Jernigan, Paul S. Ignition systems. 2,730,582, 1-10-56, Cl. 200-22.
- Jerome, Ivan, and E. K. Kaprelian, to the United States of America as represented by the Secretary of the Army. Radar finder and view finder. 2,737,844, 3-13-56, Cl. 88-1.5.
- Jerome, Wallace H., and M. J. Jensen. Knife sharpener. 2,768,476, 10-30-56, Cl. 51-80.
- Jerrold Electronics Corp.: *See—*
- Shapp, Milton J., and Arbelter. 2,774,017.
- Jervan, Jerome S.: *See—*
- Kelley, Clarence A., and Jervan. 2,774,803.
- Jervis Corp.: *See—*
- Hampel, Kenneth. 2,767,134.
- Johnson, Robert E. 2,749,169.
- Korb, Anton W. 2,760,243.
- Korb, Anton W. 2,763,040.
- Jervis-Middleville Corp. The: *See—*
- Keller, Fred M. 2,738,573.
- Jesionowski, John. Anti-skid apparatus. 2,771,161, 11-20-56, Cl. 188-3.
- Jessup, Jens, to The United Electric Coal Companies. Supporting structure for excavating wheel. 2,732,641, 1-31-56, Cl. 37-189.
- Jessee, Ralph D., and O. G. Killian, to Westinghouse Electric Corp. Panel release mechanism. 2,735,077, 2-14-56, Cl. 338-1.
- Jessen, Christian C., to E. I. du Pont de Nemours and Co. Ceramic decoration method. 2,772,182, 11-27-56, Cl. 117-40.
- Jessen, Nicholas C.: *See—*
- Carpenter, Otis R., and Jessen. 2,770,030.
- Jessen, Marvin E., and C. A. Bartsch. Contour sensing apparatus. 2,766,414, 10-9-56, Cl. 318-32.
- Jessop, Stuart M., to the United States of America as represented by the Secretary of the Army. Filtering and purifying unit. 2,764,251, 9-25-56, Cl. 183-4.
- Jessup, Alfred C., deceased, A. J. Maria de Navarro, H. J. Saunders, and E. P. Emley, executors, to Magnesium Elektron Ltd. Magnesium base alloys. 2,750,288, 6-12-56, Cl. 75-168.
- Jessup, John J.: *See—*
- Van Camp, Ernest L., and Jessup. 2,742,961.
- Jessup, Wilbur F., to The Cincinnati Milling Machine Co. Booster for template controlled truing mechanism. 2,775,238, 12-15-56, Cl. 125-11.

- Jesty, Leslie C., to Marconi's Wireless Telegraph Co. Ltd. Cathode ray display tubes. 2,740,065, 3-27-56, Cl. 313-92.
- Jésus, Henri L. L. Machine for folding bedsheet and other articles in soft and pliable sheet form. 2,770,457, 11-13-56, Cl. 270-68.
- Jet-Heat, Inc. *See—*
- Coleman, Robert E. 2,744,470.
- Erland af Klein, Nils. 2,757,618.
- MacCracken, Calvin D. 2,752,912.
- MacCracken, Calvin D. 2,770,445.
- MacCracken, Calvin D., Miles, and Ashidate. 2,773,488.
- Miles, George N. 2,744,517.
- Van Hook, Charles J. 2,755,792.
- Jet Permanent Wave Corp. *See—*
- Voorhees, Milton S. 2,738,793.
- Jeter, Charlie P. *See—*
- Hartzler, John E., and Jeter. 2,733,101.
- Jett, Alexander L. *See—*
- Mead, William H., Zambruno, and Jett. 2,770,924.
- Jette, Emilie. Knitting machine. 2,730,879, 1-17-56, Cl. 66-13.
- Jettinghoff, Paul F., to International Harvester Co. Starter-controlled fuel supply for internal combustion engine. 2,771,068, 11-20-56, Cl. 123-179.
- Jeviot, René, and J. A. Jeviot, to Compagnie de Coatechou Manufacture "Dynamique" Manufacture of microporous screens. 2,766,485, 10-16-56, Cl. 18-53.
- Jewel Tea Co., Inc. *See—*
- Schoenhardt, George. 2,739,777.
- Jewell, Bernard W. *See—*
- Swanson, Willis R., and Jewell. 2,756,812.
- Jewell, Howard J. Paper fastening device. 2,749,816, 6-12-56, Cl. 93-11.
- Jewell, Lee *See—*
- Touchman, William S. 2,773,381.
- Jewell, Wendell D., to American Bosch Arma Corp. Suspension for gyroscopes. 2,740,299, 4-3-56, Cl. 74-5.
- Jewell, William E., Jr., to Engineering Service. Removable punch retainer. 2,767,990, 10-23-56, Cl. 279-79.
- Jewett, Alfred W., to Chicago Roller Skate Co. Roller skate wheel. 2,734,777, 2-14-56, Cl. 301-57.
- Jewett, Charles S., to Curtiss-Wright Corp. Nozzle construction for jet engines. 2,735,264, 2-21-56, Cl. 60-35.55.
- Jewett, Charles S., to Curtiss-Wright Corp. Internally and externally threaded bushing having internal and external locking means. 2,750,979, 6-19-56, Cl. 151-21.
- Jewett, Deane N., to Detroit Hardware Mfg. Co. Deadlock mechanism for panic exit lock. 2,762,642, 9-11-56, Cl. 292-42.
- Jewett, Deane N., to Detroit Hardware Mfg. Co. Window operator. 2,774,591, 12-18-56, Cl. 268-105.
- Jewett, Frank B., Jr. *See—*
- Alison, Herbert S., Hakomaki, and Jewett. 2,737,859.
- Jewish Sanitarium, and Hospital for Chronic Diseases *See—*
- Losner, Samuel. 2,772,672.
- Jezl, James L. *See—*
- Schneider, Abraham, and Jezl. 2,758,058.
- Jezl, James L., to Sun Oil Co. Separation of naphthenic acids. 2,746,989, 2-22-56, Cl. 269-514.
- Jezl, James L., to Sun Oil Co. Soluble oil. 2,770,594, 11-13-56, Cl. 252-33.3.
- Jezl, James L., to Sun Oil Co. Soluble oil. 2,770,595, 11-13-56, Cl. 252-33.3.
- Jezl, James L., to Sun Oil Co. Soluble oil. 2,770,596, 11-13-56, Cl. 252-33.3.
- Jezl, James L., to Sun Oil Co. Soluble oil. 2,770,597, 11-13-56, Cl. 252-33.3.
- Jezl, James L., to Sun Oil Co. Soluble oil. 2,770,598, 11-13-56, Cl. 252-33.3.
- Jezl, James L., and I. W. Mills, to Sun Oil Co. Deledding gasoline. 2,745,793, 5-15-56, Cl. 196-23.
- Jezl, James L., and A. Schneider, to Sun Oil Co. Production of oxidized resistant lubricating oils. 2,767,131, 10-16-56, Cl. 196-147.
- Jezl, James L., and A. Schneider, to Sun Oil Co. Petroleum refining. 2,771,494, 11-20-56, Cl. 196-32.
- Jicha, Walter F. *See—*
- Fuqua, John H., Jicha, and Veselik. 2,773,761.
- Jigbore-Grind Machine Co., Inc. *See—*
- Haas, Charles P. 2,745,668.
- Jimerson, Ralph E. Tire tread rebuilding machine. 2,737,226, 3-6-56, Cl. 154-9.
- Jirsa, Emil F. *See—*
- Worthington, Wayne H., and Jirsa. 2,762,446.
- Joa, Curt G. Automatic hopper feed for a wood working machine. 2,730,144, 1-10-56, Cl. 144-245.
- Jo-An Shoe Mfg. Co., Inc. *See—*
- Bozza, Joseph D. 2,774,087.
- Joanen, Miles A., to Sinclair Refining Co. Processing of wax. 2,761,851, 9-4-56, Cl. 260-28.5.
- Joanis, Marvin A. Flush tank control system. 2,760,204, 8-28-56, Cl. 2-41.
- Jobbins, William F., Inc. *See—*
- Willmore, Charles B. 2,733,991.
- Willmore, Charles B. 2,764,482.
- Jobe, George T., to Union Carbide and Carbon Corp. Electrolyte for primary galvanic cells. 2,773,786, 12-11-56, Cl. 136-155.
- Jobe, George T., and A. F. Vinal, to Union Carbide and Carbon Corp. Electrolyte and separator for low temperature primary galvanic cells. 2,766,315, 10-9-56, Cl. 136-103.
- Jobe, George T., F. J. Weber, and A. F. Vinal, to Union Carbide and Carbon Corp. Primary battery. 2,774,806, 12-18-56, Cl. 136-111.
- Jobert, Arthur H., to The New Britain Machine Co. Threading attachment for multiple spindle machine. 2,770,819, 11-20-56, Cl. 10-89.
- Johmann, Paul F. W. *See—*
- Bartels, Alfred F. A., and Johmann. 2,771,633.
- Jobst, Conrad. Means for assisting return circulation of fluids in an animal body. 2,747,570, 5-28-56, Cl. 128-60.
- Jochem, Theodore B., to Cutler-Hammer, Inc. Mechanism for counting and stacking magazines and the like. 2,769,378, 11-6-56, Cl. 93-93.
- Jochim, Paul. Filler having a reinforced perforated edge. 2,737,372, 9-11-56, Cl. 120-1.
- Jochumsen, Fred S. Vehicular body suspension. 2,755,098, 7-17-56, Cl. 280-106.5.
- Joek, Thomas D., to the United States of America as represented by the Secretary of the Army. Method and apparatus for starting internal combustion engines. 2,737,939, 3-13-56, Cl. 123-180.
- Joek, Thomas D., to the United States of America as represented by the Secretary of the Army. Automatic engine starting apparatus. 2,761,439, 9-4-56, Cl. 123-179.
- Joek, Edmund W. Collapsible can holder. 2,735,641, 2-21-56, Cl. 248-210.
- Joel, Amos E., Jr., to Bell Telephone Laboratories, Inc. Telephone system of the coin controlled type. 2,761,900, 9-4-56, Cl. 370-8.8.
- Joggler Corp., The. *See—*
- Yonash, Robert F. 2,734,552.
- Johanek, George J., to General Railway Signal Co. Railway switch lock control system. 2,774,863, 12-18-56, Cl. 246-146.
- Johann Vaillant Kommandit Gesellschaft *See—*
- Klemp, Siegfried, and Donges. 2,774,565.
- Johannessen, Hans A. I. Powered invalid chair and handle control therefor. 2,749,373, 2-24-56, Cl. 180-8.
- Johannessen, John D. Signal duplexing system. 2,760,057, 8-21-56, Cl. 250-13.
- Johannesson, Nils-Olof, to Telefonaktiebolaget L M Ericsson. Fault indicator for plural connected devices. 2,751,378, 9-11-56, Cl. 253-253.
- Johannsen, Adolf, W. Danz, W. Pfannmueller, and H. Wolf, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Production of gas containing sulfur dioxide. 2,761,762, 9-4-56, Cl. 23-177.
- Johannsen, Adolf, W. Danz, W. Pfannmueller, and H. Wolf, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Production of gases containing sulfur dioxide. 2,761,763, 9-4-56, Cl. 23-177.
- Johannsen, Adolf, W. Danz, W. Pfannmueller, and H. Wolf, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Production of gases containing sulfur dioxide. 2,761,764, 9-4-56, Cl. 23-177.
- Johannsen, Adolf, W. Danz, W. Pfannmueller, and H. Wolf, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Apparatus for the production of gases containing sulfur dioxide by roasting. 2,768,880, 10-30-56, Cl. 23-277.
- Johannsen, Adolf, W. Danz, W. Pfannmueller, and H. Wolf, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Processing of sulfur-containing solid materials. 2,768,959, 10-30-56, Cl. 292-417.
- Johannsen, Friedrich. Method for the production of iron, nickel, cobalt, manganese and chromium from their ores. 2,740,710, 4-3-56, Cl. 75-133.5.
- Johansson, Oscar K., to Dow Corning Corp. Bis-heptamethylenetetrakisiloxanyluethane. 2,762,827, 9-11-56, Cl. 260-448.2.
- Johansen, Einar K., to U. S. Industries, Inc. Locking clamp. 2,755,758, 7-24-56, Cl. 113-49.
- Johansen, Einar K., to U. S. Industries, Inc. Overload release assembly for power presses. 2,770,342, 11-13-56, Cl. 192-150.
- Johanson, Bengt J., to Cinch Mfg. Corp. Contact for printed circuits. 2,747,169, 5-22-56, Cl. 339-258.
- Johanson, Bengt J., to Kuglerfabriken Gesellschaft mit beschränkter Haftung. Top roll support for drawing mechanisms of textile machines. 2,774,113, 12-18-56, Cl. 19-142.
- Johanson, Edwin S., to Hydrocarbon Research, Inc. Hydrodesulfurizing a highly olefinic gasoline containing cyclic sulfur compounds. 2,774,719, 12-18-56, Cl. 196-28.
- Johanson, Erik, to AB Svenska Flaktfabriken. Apparatus for conditioning, preferably drying, of a web-like material. 2,772,486, 12-4-56, Cl. 34-159.
- Johanson, Carl E., and A. S. Noble, to The Youngstown Steel Door Co. Transportation containers for bulk materials. 2,774,515, 12-18-56, Cl. 229-185.
- Johansson, Ebbe A. I., and S. A. M. Bordered table tops, particularly for camping tables. 2,773,726, 12-11-56, Cl. 311-107.
- Johansson, Ernest G., to Anchor Mfg. Co. Plug-in meter socket with shunt switch and signal. 2,747,049, 5-22-56, Cl. 200-51.1.
- Johansson, Ernest G., to Anchor Mfg. Co. Shunt switch for plug-in meter socket and the like. 2,747,050, 5-22-56, Cl. 200-51.10.
- Johansson, Gustaf A., to The United Electric Coil Companies. Blade for excavating mechanism. 2,731,742, 1-24-56, Cl. 37-189.
- Johansson, Lennart, to Aktiebolaget Svenska Kullagerfabriken. Machine tool, especially grinding machines for machining rotating work pieces. 2,773,333, 12-11-56, Cl. 5-53.
- Johansson, Sture A. M. *See—*
- Johansson, Ebbe A. I. and S. A. M. 2,773,726.



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 Becker, Frederick G. L. 2,730,426.  
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 John, Frank T. to Research Corp. Indicating device. 2,739,304, 3-20-56, Cl. 340—318.  
 John, Frank T., to Research Corp. Relay counter. 2,767,921, 10-23-56, Cl. 235—92.  
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 John, Song, and G. T. Fitchett, to American Cyanamid Co. Preparation of amino mercapto 1,3,4-thiadiazoles. 2,759,947, 8-21-56, Cl. 260—306.8.  
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 Johnson, Albert. Suspensory. 2,746,453, 5-22-56, Cl. 128—162.  
 Johnson, Albert H. Mixer. 2,749,098, 6-5-56, Cl. 259—117.  
 Johnson, Albert H., to United States Envelope Co. Web control mechanism for paper-converting machine. 2,771,252, 11-20-56, Cl. 242—76.  
 Johnson, Alfred C.: See—  
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 Johnson, Alfred W. Actuating mechanism for fruit juicers or the like. 2,738,724, 3-20-56, Cl. 100—125.  
 Johnson, Alfred W. Actuating mechanism for fruit juicers or the like. 2,738,725, 3-20-56, Cl. 100—218.  
 Johnson, Alvin O.: See—  
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 Johnson, Andrew. Tongs for lifting pans or the like. 2,758,017, 1-29-56, Cl. 294—31.  
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 Johnson, Andrew L. Fireplace hot air furnace. 2,749,905, 6-12-56, Cl. 126—121.  
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 Johnson, Arnold E. W., to International Harvester Co. Harvester towing tractor having power-operated traction wheel lifting prop. 2,761,268, 9-4-56, Cl. 56—10.  
 Johnson, Arnold N., to Commercial Solvents Corp. Production of 1,3-trichlorobenzene from waste isomers of benzene hexachloride. 2,742,508, 4-17-56, Cl. 260—650.  
 Johnson, Arnold N., to Commercial Solvents Corp. Process for chlorinating arylnitroalkenes. 2,762,848, 9-11-56, Cl. 260—646.  
 Johnson, Arnold N., and P. E. Brumfield, to Commercial Solvents Corp. Process for photochemical chlorination. 2,738,320, 3-13-56, Cl. 204—163.  
 Johnson, Arthur. Safety cigarette holder. 2,768,630, 10-30-56, Cl. 131—178.  
 Johnson, Arthur A., to Automatic Devices Corp. Electric cigar lighter. 2,730,605, 1-10-56, Cl. 219—32.  
 Johnson, Arthur A., to Automatic Devices Corp. Electric cigar lighter. 2,734,987, 2-14-56, Cl. 219—32.

## Johnson, Arthur C.: See—

Milliken, Owen J. 2,774,435.  
 Johnson, Arthur F., to Olin Mathieson Chemical Corp. Method of making roll welded hollow sheet metal structure. 2,754,572, 7-17-56, Cl. 29—157.3.  
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 Johnson, Ashton C. Dip-sticks. 2,760,636, 8-28-56, Cl. 210—1.5.  
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 Johnson, J. A., and A. J. Cherniavsky, to Shell Development Co. Catalytic hydrogen chlorine oxidation process to produce chlorine. 2,746,844, 5-22-56, Cl. 23—219.  
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 Johnson, Carl A. P., L. E. Murphy, and R. W. Selman, to Peibake Corp. Apparatus for measuring and introducing dry ingredients into processing machines using liquid therein. 2,737,129, 3-6-56, Cl. 107—4.  
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 Johnson, Carl E., to Scaife Co. Welded end closure means for rocket motors. 2,762,193, 9-11-56, Cl. 60—35.6.  
 Johnson, Carl E., and W. J. Zimmerlied, to Standard Oil Co. Method of hydrodesulfurizing hydrocarbon oil using a cobalt titanate catalyst. 2,764,526, 9-25-56, Cl. 196—24.  
 Johnson, Carl E., A. P. Lien, and D. A. McCaulay, to Standard Oil Co. Extraction of aromatic hydrocarbons from mixed hydrocarbons with a silver salt and an alkane sulfonic acid. 2,768,963, 10-30-56, Cl. 260—674.  
 Johnson, Carl H. Rotary end thrust cutter. 2,755,831, 7-24-56, Cl. 144—219.  
 Johnson, Charles A., to Electric & Musical Industries Ltd. Target structures such as are utilized in television transmission tubes. 2,730,639, 1-10-56, Cl. 313—67.  
 Johnson, Charles F., to Rockwell Mfg. Co. Plug valves. 2,746,478, 5-22-56, Cl. 137—246.16.  
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 Johnson, Clare P., Jr. Method of making aluminum halides. 2,750,257, 6-12-56, Cl. 23—93.  
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 Johnson, Clarence, and J. E. Rasollett. Garage door operators. 2,755,081, 7-17-56, Cl. 268—59.  
 Johnson, Clarence F., and S. C. Schuman, to Hydrocarbon Research, Inc. Process for hydrofining a highly olefinic gasoline. 2,774,718, 12-18-56, Cl. 196—28.  
 Johnson, Clarence E., Jr., and B. M. Pederson, Jr., to Plasti Industries, Inc. Method of making a plastic boot or the like. 2,736,926, 3-6-56, Cl. 18—58.7.  
 Johnson, Clarence J. Side dressing fertilizer spreader. 2,774,318, 12-18-56, Cl. 111—59.  
 Johnson, Clarence K., to Electric Steel Foundry Co. Centrifugal metal casting process and mold apparatus. 2,745,13, 5-15-56, Cl. 27—65.  
 Johnson, Clarence L., to Lockheed Aircraft Corp. Afterburning means for turbo-jet engines. 2,771,740, 11-27-56, Cl. 60—35.6.  
 Johnson, Clarence L. Envelope-like containers. 2,773,531, 12-11-56, Cl. 150—21.  
 Johnson, Clarence R. Combined bumper and grill. 2,759,755, 8-21-56, Cl. 29—63.  
 Johnson, Clarence S., and R. G. McElroy, said McElroy assor. to said Johnson. Ventilating system. 2,767,639, 10-23-56, Cl. 98—38.  
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 Johnson, Clyde F., to Speed Stud Corp. Threadless snap fastener with solid reinforcing core therein. 2,758,498, 8-14-56, Cl. 85—8.

- Johnson, Clyde V., Crumble attachment for pellet machines. 2,757,621, 8-7-56, Cl. 107-14.
- Johnson Corp., The. *See* 2,732,228.
- Armstrong, Adam E., 2,732,228.
- Johnson, Curtis R. A., to Radio Corp. of America. Phonograph turntable. 2,762,627, 9-11-56, Cl. 274-39.
- Johnson, Dale J., to Burgess-Manning Co. Panel ceiling panel unit. 2,736,406, 2-28-56, Cl. 189-88.
- Johnson, Darrel M.: *See*—
- Walton, George M., 2,736,464.
- Johnson, Darrel M., to The Laidlaw Co. Automobile bumper attachment. 2,730,396, 10-5-56, Cl. 292-71.
- Johnson, Darrel M., Changeable exhibiting rack. 2,738,605, 3-20-56, Cl. 40-124.
- Johnson, David A., to Bristol Laboratories Inc. Benzene-sulfonylbenzylamine salts of penicillin. 2,744,895, 5-8-56, Cl. 260-339.
- Johnson, David A., and J. C. Sheehan, to Bristol Laboratories Inc. Benzylpenicillin this acid. 2,751,378, 6-19-56, Cl. 260-239.1.
- Johnson, David W., to The Arrow-Hart & Hegeman Electric Co. Switch box latch with variable bias. 2,739,002, 3-20-56, Cl. 292-24.
- Johnson, David W., to The Arrow-Hart & Hegeman Electric Co. Sliding shutter for electric switches. 2,766,342, 10-9-56, Cl. 200-1.
- Johnson, David W., to The Arrow-Hart & Hegeman Electric Co. Interlocking cover and switch mechanism. 2,770,688, 11-13-56, Cl. 200-50.
- Johnson, David W., to The Arrow-Hart & Hegeman Electric Co. Front panel disconnect switch. 2,773,956, 12-11-56, Cl. 200-73.
- Johnson, Delno A., Mounting bracket for vehicle ash receptacle. 2,743,075, 4-24-56, Cl. 248-224.
- Johnson, Don D., Door structure. 2,758,646, 8-14-56, Cl. 160-354.
- Johnson, Donald N., Bubble fountain device. 2,744,784, 5-8-56, Cl. 299-9.
- Johnson, Donald S., to Drummondville Cotton Co. Ltd. Cold-water crawl. 2,736,122, 2-28-56, Cl. 43-9.
- Johnson, Earl B., Siphon flow drinking fountain. 2,737,967, 3-13-56, Cl. 137-145.
- Johnson, Earl R.: *See*—
- Beggs, Donald, and Johnson. 2,772,958.
- Johnson, Edgar U., to Mergenthaler Linotype Co. Method of preparing a printing form. 2,764,935, 10-2-56, Cl. 101-401.2.
- Johnson, Edward F., and G. G. Binder, Jr., to Esso Research and Engineering Co. Multiple solvent secondary recovery process. 2,771,139, 11-20-56, Cl. 169-9.
- Johnson, Edward H., to The Keelavite Co. Ltd. Rotary fluid pressure engine. 2,735,371, 2-21-56, Cl. 103-125.
- Johnson, Edward O., to the United States of America as represented by the Secretary of the Army. Inverter circuits. 2,735,061, 2-14-56, Cl. 321-36.
- Johnson, Edward O., to Radio Corp. of America. Gas tube voltage regulator. 2,740,089, 3-27-56, Cl. 323-22.
- Johnson, Edward O., and W. M. Webster, Jr., to the United States of America as represented by the Secretary of the Army. Inverter circuit. 2,741,734, 4-10-56, Cl. 321-36.
- Johnson, Edward R.: *See*—
- Kagan, Ralph, and Johnson. 2,741,310.
- Johnson, Edward W.: *See*—
- Impey, Charles E., Christ, and Johnson. 2,729,396.
- Johnson, Edwin H., to Fritex Textile Co., Inc. Machine for drying tubular fabric and the like. 2,750,649, 6-19-56, Cl. 26-56.
- Johnson, Edwin R., and D. E. Plumb, to Westinghouse Electric Corp. Special regulating rheostat. 2,748,297, 5-29-56, Cl. 307-151.
- Johnson, Edwin W., to Westinghouse Electric Corp. Titanium furnace or the like. 2,743,307, 4-24-56, Cl. 13-31.
- Johnson, Edwin W. T., M. Donaldson, and R. W. Hewey, to The Singer Mfg. Co. Lubricating devices for sewing machines. 2,769,418, 11-6-56, Cl. 112-256.
- Johnson, Felix J., Shower cone. 2,774,627, 12-18-56, Cl. 299-83.
- Johnson, Eldon A., to Carter Carburetor Corp. Wear shoe for cam follower. 2,733,618, 2-7-56, Cl. 74-569.
- Johnson, Eleanor D.: *See*—
- Johnson, Ervin G., 2,738,121.
- Johnson, Ervin G., 2,740,930.
- Johnson, Ervin G., 2,764,273.
- Johnson, Ervin G., 2,764,721.
- Johnson, Elmer. Stone loader attachment for a tractor. 2,745,565, 5-15-56, Cl. 214-147.
- Johnson, Elmer C., to The Vendo Co. Article releasing mechanism for vending machines. 2,762,524, 9-11-56, Cl. 221-67.
- Johnson, Elmer E., Jr. Combined mirror and thermometer. 2,741,949, 4-17-56, Cl. 88-96.
- Johnson, Emil L., Jr., to Bendix Aviation Corp. Voltage regulator. 2,743,418, 4-24-56, Cl. 323-69.
- Johnson, Emmett W., Hat cleaning and drying machine. 2,752,078, 6-26-56, Cl. 223-23.
- Johnson, Ernest W., to National Pneumatic Co., Inc. Coded electrical control system for motor operated doors. 2,760,134, 8-21-56, Cl. 318-266.
- Johnson, Ernest W., to Metal & Thermit Corp. Organotin oxide-ester reactive products and vinyl chloride resins stabilized therewith. 2,763,632, 9-18-56, Cl. 260-45.75.
- Johnson, Ervin G., deceased; E. de H. Johnson, executrix. Tubular carrier. 2,738,121, 3-13-56, Cl. 229-93.
- Johnson, Ervin G., deceased; E. D. Johnson, executrix. Electric motor. 2,740,930, 4-24-56, Cl. 318-180.
- Johnson, Ervin G., to E. D. Johnson. Line number indicator for typewriters. 2,764,273, 9-25-56, Cl. 197-189.
- Johnson, Ervin G., to E. D. Johnson. Electromagnet energy conversion. 2,764,721, 9-25-56, Cl. 318-161.
- Johnson, Eugene H., Water bag bracket. 2,742,213, 4-17-56, Cl. 224-42.03.
- Johnson, Everard L. Vibratory plate retouching apparatus. 2,740,345, 4-3-56, Cl. 95-103.
- Johnson, Everett A., to Standard Oil Co. Homogenizing of drill mud. 2,772,073, 11-27-56, Cl. 225-13.
- Johnson, Ewing L. Railway front end structures. 2,769,555, 11-6-56, Cl. 213-6.
- Johnson-Fagg Engineering Co.: *See*—
- Fagg, Leo W., and Sharp. 2,765,023.
- Johnson Fare Box Co. 2,740,242.
- Downey, Clement L., 2,740,242.
- Kulo, Thomas E., and Rogier. 2,750,949.
- Lovell, Paul W., 2,738,050.
- Rogier, Clarence F., 2,735,438.
- Rogier, Clarence F., Kulo, and Singer. 2,769,524.
- Johnson, Fay G.: *See*—
- Miller, Albert R., 2,771,749.
- Johnson, Ford L., and K. W. McLeod. Frequency selective switch. 2,756,234, 7-24-56, Cl. 173-171.
- Johnson, Francis B., to Lockheed Aircraft Corp. Aircraft delivery platform. 2,774,560, 12-18-56, Cl. 244-138.
- Johnson, Francis M., to the United States of America as represented by the Secretary of the Air Force. Personnel identification system for aircraft operators. 2,738,929, 3-20-56, Cl. 244-137.
- Johnson, Francis M., to Rolls-Royce Ltd. Combustion equipment for gas-turbine engines with anticarbon wall portion. 2,741,090, 4-10-56, Cl. 60-39.65.
- Johnson, Francis M., and D. R. Carlisle, to Rolls-Royce Ltd. Fuel injection means for combustion equipment for gas turbine engines. 2,771,744, 11-27-56, Cl. 60-39.74.
- Johnson, Frank E., to United-Carr Fastener Corp. Snap fastener socket. 2,767,454, 10-23-56, Cl. 24-216.
- Johnson, Frank G., Resistor. 2,775,673, 12-25-56, Cl. 22-22.
- Johnson, Fred H., to Warren Alloy. Electrode. 2,774,859, 12-18-56, Cl. 219-120.
- Johnson, Fred J., F. J. Johnson, Jr., and R. L. Johnson, to The Kinex Co., Inc. Machine for feeding and applying screw threaded caps to jars. 2,758,454, 8-14-56, Cl. 53-315.
- Johnson, Fred J., Jr.: *See*—
- Johnson, Fred J., F. J. Johnson, Jr., and R. L. Johnson. 2,758,454.
- Johnson, Frederick F.: *See*—
- Hink, John H., Jr., and Johnson. 2,731,731.
- Johnson, Frederick W., and C. E. Chance. Means for connecting a natural bait lure. 2,763,086, 9-18-56, Cl. 43-44.
- Johnson, Frithiof V., to General Electric Co. Gun sighting mechanism having gyroscopically controlled transparent mirror. 2,756,625, 7-31-56, Cl. 88-1.
- Johnson, Frithiof V., to General Electric Co. Aircraft stabilizing apparatus. 2,771,251, 11-20-56, Cl. 244-77.
- Johnson Gage Development Co.: *See*—
- Johnson, Paul W., 2,736,102.
- Johnson, Stanley G., 2,730,808.
- Johnson, Stanley G., 2,770,050.
- Johnson, George R., Stall type rack. 2,769,559, 11-6-56, Cl. 214-16.4.
- Johnson, George W., and J. R. Petre, to The American Laundry Machine Co. Pressing machine. 2,757,832, 8-7-56, Cl. 223-57.
- Johnson, Gerald P.: *See*—
- Johnson, Richard L. and G. E., 2,775,351.
- Johnson, Gladys E.: *See*—
- Burton, Linwood P., 2,739,313.
- Johnson, Glenn L., to The Mfg. Co. Well head control. 2,771,956, 11-27-56, Cl. 166-88.
- Johnson, Gordon B.: *See*—
- Darragh, John L., and Johnson. 2,746,928.
- Johnson, Gordon, Equipment Co.: *See*—
- Zebarth, Ralph S., 2,747,795.
- Johnson, Gordon W., Co.: *See*—
- Zebarth, Ralph S., 2,731,665.
- Zebarth, Ralph S., 2,738,547.
- Johnson, Gustav B., Thread cutter and holder. 2,757,451, 8-7-56, Cl. 30-126.
- Johnson, Gustav R., Pivoted lever bottle cap removing device. 2,746,323, 5-22-56, Cl. 81-3.1.
- Johnson, Harold A., Welding electrode. 2,741,688, 4-10-56, Cl. 219-4.
- Johnson, Harold C. and J. R. Coacting endless belt type union harvesting device. 2,754,648, 7-17-56, Cl. 55-108.
- Johnson, Harold L., and J. L. Lawson, to the United States of America as represented by the Secretary of the Navy. F-M alignment oscillator. 2,755,437, 7-17-56, Cl. 324-57.
- Johnson, Harold S.: *See*—
- Johnson, Bernard G. and H. S., 2,747,441.
- Johnson, Harry H., to Walter Gerlinger, Inc. Foundry sand, additive, and method of treating foundry sand. 2,757,095, 7-31-56, Cl. 106-38.5.
- Johnson, Harry J., Mechanical paint remover. 2,737,717, 3-13-56, Cl. 30-140.
- Johnson, Harry N., to The Greist Mfg. Co. Pepper grinders with means to feed material between the feed and the rotary grinding members. 2,763,440, 9-18-56, Cl. 241-245.



- Johnson, Harry P. Tail sling. 2,740,380, 4-3-56, Cl. 119-105.
- Johnson, Harry V., to Union Carbide and Carbon Corp. Graphite furnace electrode for a stabilized arc. 2,744,945, 5-8-56, Cl. 13-18.
- Johnson, Harry V. and N. J., to Union Carbide and Carbon Corp. Electrode joint. 2,735,705, 2-21-56, Cl. 287-127.
- Johnson, Harwick: *See*—  
Lew, Russell H., Johnson, Giacioletto, and Barton. 2,750,507.
- Johnson, Harwick, to Radio Corp. of America. Semiconductor devices. 2,754,431, 7-10-56, Cl. 307-88.5.
- Johnson, Henry E. Drafting board. 2,771,706, 11-27-56, Cl. 45-129.
- Johnson, Henry L.: *See*—  
Sherwood, Glenn L. 2,735,474.
- Johnson, Henry W.: *See*—  
Metcalf, Herbert E., Johnson, and Chisholm. 2,741,593.
- Johnson, Herbert L.: *See*—  
Mills, Ivor W., and Johnson. 2,735,877.
- Johnson, Herbert W., and G. Menyea, to Standard Oil Co. Fixture for butt welding flanges. 2,767,676, 10-23-56, Cl. 113-103.
- Johnson, Herbert W., and G. Menyea, to Standard Oil Co. Welding slip-on flanges. 2,767,677, 10-23-56, Cl. 113-103.
- Johnson, Herman L., Jr., to Helen Neushafer Inc. Nail polish bottle holders, including a finger support. 2,760,500, 8-28-56, Cl. 132-73.5.
- Johnson, Howard A., to C. E. Good. Fishing equipment. 2,729,014, 1-3-56, Cl. 43-42.9.
- Johnson, Howard R. Heating element for coffee makers, etc. 2,735,922, 2-21-56, Cl. 219-19.
- Johnson, Hugh B., A. S. McCaughan, and P. Weidlinger. Prefabricated metallic building for storage and the like. 2,750,013, 6-12-56, Cl. 189-3.
- Johnson, Ivor W., to General Electric Co. Butt welded field coils and method of making the same. 2,756,358, 7-24-56, Cl. 310-180.
- Johnson, Jacob G., to Be-Ge Mfg. Co. Boring bar unit. 2,739,035, 2-27-56, Cl. 17-3.
- Johnson, James A., to The American Metal Co., Ltd. Water-cooled gas sampling device. 2,731,832, 1-24-56, Cl. 73-421.5.
- Johnson, James C.: *See*—  
Demeter, Geza, Johnson, and Maher. 2,759,232.
- Johnson, James R.: *See*—  
Johnson, Harold C. and J. R. 2,754,648.
- Johnson, James W., Jr.: *See*—  
Vogt, Kenneth T. 2,735,692.
- Johnson, Joe W., to the United States of America as represented by the Secretary of the Navy. Combined short wave height and direction indicator and recorder. 2,766,622, 10-16-56, Cl. 73-291.
- Johnson, Joe W., to the United States of America as represented by the Secretary of the Navy. Shore wave recorder (shallow water). 2,773,885, 12-11-56, Cl. 73-301.
- Johnson, John A. Stone gathering machine having a horizontally rotatable sifting drum. 2,755,612, 7-24-56, Cl. 55-17.
- Johnson, John. Mobile stone-gathering apparatus. 2,760,322, 8-28-56, Cl. 55-17.
- Johnson, John. Plastic cement applicator. 2,769,578, 11-6-56, Cl. 222-107.
- Johnson, John A., and R. H. Enstis, to Thermal Research and Engineering Corp. Billet heating furnace. 2,762,618, 9-11-56, Cl. 263-6.
- Johnson, John E., and E. R. Poor, to the United States of America as represented by the Secretary of the Navy. Device for detecting hydrogen cyanide. 2,753,248, 7-3-56, Cl. 23-254.
- Johnson, John F.: *See*—  
Hubbard, Addison W., Banes, and Johnson. 2,735,875.
- Johnson, John M. Portable manually operable tool for restoring damaged vehicle bodies or fenders to their original shapes. 2,757,705, 8-7-56, Cl. 153-39.
- Johnson, John O. Key puller. 2,765,522, 10-9-56, Cl. 29-250.
- Johnson, John R., to Solar Mfg. Corp. Capacitor mount. 2,762,989, 9-11-56, Cl. 339-128.
- Johnson & Johnson: *See*—  
Ashton, William H., and Masci. 2,766,137.
- Kligman, Albert M., and Deker. 2,771,877.
- Krueger, Bernhard J., and Willits. 2,754,079.
- Masci, Joseph N., and Ashton. 2,764,159.
- Masci, Joseph N., Ashton, and Wildand. 2,773,000.
- Masci, Joseph N., and George. 2,772,999.
- McCreary, Bruce C., and Wood. 2,729,484.
- Morgan, Burton D. 2,750,029.
- Nydegger, Roland R., and Holden. 2,767,534.
- Olshavitz, Morris A., and Fisher. 2,775,410.
- Skiles, William C., Jr., Masci, and Maso. 2,764,976.
- Johnson, Joseph E. Orthodontic device. 2,759,265, 8-21-56, Cl. 32-14.
- Johnson, Joseph F., to General Electric Co. Load center bus bar assembly. 2,738,473, 3-13-56, Cl. 339-22.
- Johnson, Kalin S., to Holley Carburetor Co. Centrifugal vacuum distributor. 2,766,747, 10-16-56, Cl. 123-117.
- Johnson, Karl G.: *See*—  
Diesen, Anton K., Johnson, and Wiberg. 2,754,390.
- Johnson, Karl G., to Telefonaktiebolaget L M Ericsson. Device for identification of numbers. 2,732,434, 1-24-56, Cl. 179-18.
- Johnson, Keith G. Barber's marginal trimming device. 2,755,551, 3-24-56, Cl. 30-210.
- Johnson, Kenneth C.: *See*—  
Benander, George B., and Johnson. 2,762,022.
- Johnson, Kenneth C. Metatarsal pad. 2,765,546, 10-9-56, Cl. 36-71.
- Johnson, Kenneth L. Thread root elastic lock means. 2,747,983, 4-1-56, Cl. 151-7.
- Johnson, Kenneth M.: *See*—  
Curtiss, George E., Jr., and Johnson. 2,753,204.
- Johnson, Kenneth R., to Bartelt Engineering Co. Indexing mechanism with friction drive. 2,738,187, 3-13-56, Cl. 27-2-6.
- Johnson, Lauren L., R. M. Dilworth, and A. N. Addie, to General Motors Corp. Locomotive dynamic braking system. 2,745,050, 5-8-56, Cl. 318-367.
- Johnson, La Vern M., to The Firestone Tire & Rubber Co. Tire handling apparatus. 2,754,955, 7-17-56, Cl. 198-159.
- Johnson, Lawrence E., Jr. Farm wagon unloading mechanism. 2,764,804, 9-25-56, Cl. 214-501.
- Johnson, Lenard W. Soil conditioning machine. 2,764,921, 10-2-56, Cl. 97-10.
- Johnson, Leonard E., Jr., to Kennatrack Corp. Sliding door frame assembly. 2,732,919, 1-31-56, Cl. 189-34.
- Johnson, Leslie C.: *See*—  
Brown, James S., Fischer, and Johnson. 2,730,190.
- Johnson, Leslie C., to Union Oil Co. of California. Dehydration of oils. 2,730,240, 1-10-56, Cl. 210-53.
- Johnson, Leslie W.: *See*—  
Oehler, William P., Youngberg, and Johnson. 2,765,609.
- Johnson, Lloyd A., D. A. Christensen, and A. D. Martin, to National Motor Bearing Co., Inc. Journal lubricant circulator. 2,757,991, 8-7-56, Cl. 308-81.
- Johnson, Lloyd E., to Caterpillar Tractor Co. Starting system for compression ignition engines. 2,764,966, 10-2-56, Cl. 123-179.
- Johnson, Loria W.: *See*—  
Dodge, Will K., Sr. 2,766,546.
- Johnson, Malcolm S., to Illinois Railway Equipment Co. Car jig clasp. 2,742,884, 4-10-56, Cl. 144-144.5.
- Johnson, Martin H., to Stoughton Cab & Body Co. Side loader for vehicles. 2,751,099, 6-19-56, Cl. 214-83.24.
- Johnson, Marvin B. Television systems. 2,764,627, 9-25-56, Cl. 178-5-2.
- Johnson, Matilda: *See*—  
Mauro, Bernice A. 2,772,002.
- Johnson, Max A. Strip cup for detecting the presence of garget or mastitis in the udder of a milk cow. 2,754,720, 7-17-56, Cl. 88-14.
- Johnson, Melvin M., Jr.: *See*—  
Butler, Wallace S., and Johnson. 2,735,206.
- Johnson, Milton E. Shoe heel. 2,751,695, 6-26-56, Cl. 36-39.
- Johnson, Milton M. Railway journal box stabilizer. Re. 2,249, 12-4-56, Cl. 308-40.
- Johnson, Milton R., to American Steel Foundries. Brake rotor. 2,753,959, 7-10-56, Cl. 188-218.
- Johnson, Morton A. Edge smoothing and sizing tool. 2,745,129, 5-15-56, Cl. 15-236.
- Johnson, Neal J.: *See*—  
Johnson, Harry V. and N. J. 2,735,705.
- Johnson, Norman S., to Raymond Concrete Pile Co. Fluid actuated piling hammers. 2,748,751, 6-5-56, Cl. 121-25.
- Johnson, Oliver E., Ford, Bacon & Davis, Inc. Continuous method of mixing. 2,770,544, 11-13-56, Cl. 99-123.
- Johnson, Oliver: *See*—  
Nozaki, Kenzie, and Johnson. 2,762,781.
- Johnson, Oscar H., A. M. Harvey, and H. West, to Food Machinery and Chemical Corp. Process of protecting organic matter against fungus growth by applying a chlorine substituted thia- or dihydrothianaphthene dioxide. 2,758,955, 8-14-56, Cl. 167-33.
- Johnson, Oscar W., and J. N. Tuttle, to Rhineland Paper Co. Dispenser. 2,761,564, 9-4-56, Cl. 221-63.
- Johnson, Otto E., to International Harvester Co. Tractor-mounted plow. 2,742,841, 4-24-56, Cl. 97-46.93.
- Johnson, Otto E., to International Harvester Co. Tractor-mounted plow. 2,742,842, 4-24-56, Cl. 97-47.82.
- Johnson, Paris W. Revolving type calendar. 2,755,581, 7-24-56, Cl. 7-111.
- Johnson, Paul A., and P. C. Industrial water cooling system. 2,732,192, 1-24-56, Cl. 261-23.
- Johnson, Paul B.: *See*—  
Gardner, Edgar J., Johnson, and Stansell. 2,772,558.
- Morphis, Jehu, and Johnson. 2,763,230.
- Johnson, Paul C.: *See*—  
Johnson, Paul A. and P. C. 2,732,192.
- Johnson, Paul D.: *See*—  
Drapeau, Joseph E., Jr., and Johnson. 2,758,014.
- Johnson, Paul H., to The Firestone Tire & Rubber Co. Freeze resistant aqueous polymer-based paint containing an aryl sulfonamide. 2,731,433, 1-17-56, Cl. 260-29.7.
- Johnson, Paul H., J. H. Musch, and C. W. Metzger, to The Firestone Tire & Rubber Co. Freeze resistant aqueous polymer-containing paint containing a hydrazine derivative as a freeze-thaw stabilizer. 2,731,434, 1-17-56, Cl. 260-29.7.
- Johnson, Paul H., J. H. Musch, and C. W. Metzger, to The Firestone Tire & Rubber Co. Freeze resistant aqueous polymer-based paint containing guanidine thiocyanate. 2,731,435, 1-17-56, Cl. 260-29.7.
- Johnson, Paul S., and S. K. Warner. Movably mounted figure toy. 2,757,481, 8-7-56, Cl. 46-124.
- Johnson, Paul W., to The Johnson Gage Development Co. Contractible plug gage. 2,736,102, 2-28-56, Cl. 83-199.

- Johnson, Peter D., to General Electric Co. Radiation measuring device. 2,756,343, 7-24-56, Cl. 250-71.
- Johnson, Philip T. Portable lawn mower grinder assembly. 2,763,101, 9-18-56, Cl. 51-48.
- Johnson & Phillips Ltd.: See—
- Hartley, Arthur C. 2,756,872.
- Hartley, Arthur C., and Ashby. 2,756,873.
- Johnson Products, Inc.: See—
- Bergmann, Paul F. 2,752,901.
- Bergmann, Paul F. 2,760,470.
- Johnson, Ralph E., to Arrow Tools, Inc. Air line lubricator. Re. 24,232, 10-30-56, Cl. 184-55.
- Johnson, Ralph E., to The Singer Mfg. Co. Take-up mechanisms for sewing machines. 2,749,863, 6-12-56, Cl. 112-248.
- Johnson, Ralph E., to The Singer Mfg. Co. Loop-takers for sewing machines. 2,761,402, 9-4-56, Cl. 112-192.
- Johnson, Ralph P., R. G. Shulman, and D. M. Van Winkle, to Hughes Aircraft Co. Monatomic semiconductor devices. 2,743,201, 4-24-56, Cl. 148-1.5.
- Johnson, Ralph S.: See—
- Dolz, John, Steinhagen, and Johnson. 2,769,660.
- Johnson, Ray W. Expandable chuck. 2,759,680, 8-21-56, Cl. 12-68.
- Johnson, Rayner S.: See—
- Gerjovich, Henry J., and Johnson. 2,762,695.
- Gerjovich, Henry, and Johnson. 2,762,696.
- Johnson, Reuben F. Vehicle mounted bale loader. 2,772,007, 11-27-56, Cl. 12-68.
- Johnson, Reynold B.: See—
- Holman, Wesley A., and Johnson. 2,745,093.
- Johnson, Reynold B., to International Business Machines Corp. High speed multiple character wire printer. 2,730,040, 10-16-56, Cl. 11-93.
- Johnson, Reynold B., to International Business Machines Corp. Indicia-controlled record perforating machine. 2,741,312, 4-10-56, Cl. 164-115.
- Johnson, Reynold B., to International Business Machines Corp. Typewriting and code perforating machine. 2,749,985, 6-12-56, Cl. 164-112.
- Johnson, Reynold B., to International Business Machines Corp. Translator for record controlled machines. 2,757,866, 8-7-56, Cl. 235-61.1.
- Johnson, Richard C., to The Powell Pressed Steel Co. Material handling box. 2,762,529, 9-11-56, Cl. 222-162.
- Johnson, Richard L., to International Business Machines Corp. Totalizing device. 2,761,622, 9-4-56, Cl. 235-61.6.
- Johnson, Richard L. and G. E. Gun rack for automobile seats. 2,770,351, 12-25-56, Cl. 211-64.
- Johnson, Robert B., to General Electric Co. High temperature nickel-base alloy. 2,747,993, 5-29-56, Cl. 75-171.
- Johnson, Robert C., to E. I. du Pont de Nemours and Co. Anthraquinone dye and acetate composition and process of making same. 2,768,052, 10-23-56, Cl. 8-40.
- Johnson, Robert C., R. S. Millard, and R. T. Carlson, to Steel Partitions, Inc. Demountable metal partition. 2,766,855, 10-16-56, Cl. 189-34.
- Johnson, Robert C., R. S. Millard, and R. T. Carlson, to Steel Partitions, Inc. Demountable metal partitions. 2,766,858, 10-16-56, Cl. 189-46.
- Johnson, Robert E. Piano string. 2,746,335, 5-22-56, Cl. 18-199.
- Johnson, Robert E., to Jervis Corp. Latch mechanism. 2,749,169, 6-5-56, Cl. 292-332.
- Johnson, Robert G., and F. E. Read. Toy shelters. 2,754,550, 7-17-56, Cl. 20-2.
- Johnson, Robert H.: See—
- Nerad, Anthony J., Johnson, and Brusdale. 2,772,749.
- Johnson, Robert H., and R. H. Shackelford, to General Electric Co. Reverse vortex combustion chamber. 2,745,250, 5-15-56, Cl. 60-39.65.
- Johnson, Robert L.: See—
- Johnson, Fred J., F. J. Johnson, Jr., and R. L. Johnson. 2,758,434.
- McDonald, Warren S. 2,753,562.
- Johnson, Robert O., to Detroit Steel Products Co. Method for producing screen frame bars. 2,741,831, 4-17-56, Cl. 29-477.7.
- Johnson, Robert O., to Fenestra Inc. Clip for storm window insulating strip. 2,767,814, 10-23-56, Cl. 189-78.
- Johnson, Robert P. Pencil pointer. 2,738,768, 3-20-56, Cl. 120-96.
- Johnson, Robert S.: See—
- Hill, Harry O., and Johnson. 2,743,594.
- Hill, Harry O., and Johnson. 2,752,145.
- Johnson, Robert S., to Estand, Inc. Side delivery rake. 2,763,120, 9-18-56, Cl. 54-377.
- Johnson, Roy W., and F. F. Heiser, to A P Controls Corp. Conversion top for fuel control valves. 2,733,955, 2-7-56, Cl. 297-8.
- Johnson, Roy W., W. A. Biermann, and S. E. Burghdoff, to A-P Controls Corp. Fuel and air supply control for burners. 2,743,769, 5-1-56, Cl. 158-28.
- Johnson, Roy W., and R. J. Duncan, to A-P Controls Corp. Burner oil and air control system. 2,757,722, 8-7-56, Cl. 158-28.
- Johnson, Rudolph W., to Boyd Coffee Co. Coffee makers. 2,737,880, 3-13-56, Cl. 99-305.
- Johnson, S. C., & Son, Inc.: See—
- Harris, William C. 2,739,333.
- Wilder, Edward A. 2,772,301.
- Johnson, Samuel G., to International Harvester Co. Valve—two-way. 2,743,738, 5-1-56, Cl. 137-625.4.
- Johnson, Samuel G., to International Harvester Co. Combination tail pipe and muffler. 2,770,313, 11-13-56, Cl. 181-41.
- Johnson, Samuel G., Jr., to International Harvester Co. Mold assembly device. 2,775,007, 12-25-56, Cl. 22-37.
- Johnson, Samuel J., to Clopay Corp. Process for manufacturing ribbed extruded sheet material. 2,750,931, 6-19-56, Cl. 18-37.
- Johnson, Samuel J., and C. J. Schroeder, to Clopay Corp. Folding door. 2,746,538, 5-22-56, Cl. 160-84.
- Johnson, Scott R., to Continental Can Co., Inc. Can arranging and wrapping method and apparatus. 2,765,999, 10-9-56, Cl. 53-26.
- Johnson, Sheldon K. Endless belt slide rule. 2,764,348, 9-25-56, Cl. 235-71.
- Johnson, Scott R., to Fluid regulator for a power-driven remotely-controlled valve. 2,743,705, 5-1-56, Cl. 121-39.
- Johnson, Spencer: See—
- Wetterauer, Paul C., Biskup, and Johnson. 2,769,726.
- Johnson, Stanley G., to The Johnson Gage Development Co. Taper gage having means for gaging smaller diameters. 2,750,808, 1-17-56, Cl. 33-174.
- Johnson, Stanley G., to The Johnson Gage Development Co. Gage for rotating test part for peripheral and concentricity gaging. 2,770,050, 11-13-56, Cl. 33-190.
- Johnson, Stephen I., and J. W. Wilkinson, to Hastings Mfg. Co. Oil filter. 2,747,738, 5-29-56, Cl. 210-140.
- Johnson, Theodore W., to Deere Mfg. Co. Delayed lift for cultivators. 2,756,656, 7-31-56, Cl. 97-46.39.
- Johnson, Theodore W., to Deere Mfg. Co. Delayed lift for driven cutting tool. 2,750,667, 6-19-56, Cl. 30-228.
- Johnson, Thomas D., and M. G. Sateran, to the United States of America as represented by the Secretary of the Navy. Link network for servo-mechanisms with A. C. carrier voltage. 2,743,928, 12-18-56, Cl. 318-448.
- Johnson, Thomas H., to Harris-Seybold Co. Web tension control means. 2,763,165, 10-2-56, Cl. 271-2.3.
- Johnson, Thomas H., and A. J. Mueller, to Harris-Seybold Co. Blanket clamps. 2,764,936, 10-2-56, Cl. 101-415.1.
- Johnson, Thomas H., and A. J. Mueller, to Harris-Seybold Co. Plate clamp. 2,775,198, 12-25-56, Cl. 101-415.1.
- Johnson, Thomas J., to Gilfilan Bros., Inc. Gated video amplifier circuitry. 2,758,247, 8-7-56, Cl. 315-22.
- Johnson, Thomas J., Jr.: See—
- Green, David J., Landee, and Johnson. 2,734,944.
- Johnson, Thomas W.: See—
- Wolff, Richard H., and Johnson. 2,752,856.
- Johnson, Thomas W., to Bendix Aviation Corp. Turbine driven pump means. 2,750,892, 6-19-56, Cl. 103-87.
- Johnson, Thomas W. Floatable decoy. 2,755,588, 7-24-56, Cl. 43-3.
- Johnson, Tomlinson F. High tension electrical switches. 2,729,710, 1-3-56, Cl. 200-45.
- Johnson, Verne A. Rat trap. 2,768,550, 10-16-56, Cl. 43-69.
- Johnson, Vivion A. Lint and fiber cleaner. 2,744,293, 5-8-56, Cl. 19-59.
- Johnson, Wallace H., to Yates-American Machine Co. Precision guide fence for power tool work table. 2,744,549, 5-8-56, Cl. 143-174.
- Johnson, Wallace H. Base mountings for antenna masts. 2,744,704, 5-8-56, Cl. 248-45.
- Johnson, J. S., to Up-Right, Inc. Rubber tire. 2,742,941, 4-24-56, Cl. 152-326.
- Johnson, Walter J., to J. H. Williams & Co. Ratchet wrench. 2,772,763, 12-4-56, Cl. 192-43.1.
- Johnson, Wilbert S., to National Homes Corp. Nailing machine. 2,753,470, 7-24-56, Cl. 1-1.
- Johnson, William A.: See—
- Thomas, Donald E., Goldman, Gordon, and Johnson. 2,772,964.
- Johnson, William B. Garment bagging device. 2,755,610, 7-24-56, Cl. 33-241.
- Johnson, William D. Apparatus for forming stone building slabs. 2,732,605, 1-31-56, Cl. 25-121.
- Johnson, William E., to Powers-Samas Accounting Machines Ltd. Statistical machines. 2,753,185, 7-3-56, Cl. 271-87.
- Johnson, William E., to Travel Drill Co., Inc. Mobile drilling equipment. 2,754,087, 7-10-56, Cl. 255-51.
- Johnson, William H.: See—
- Glander, Per H. N., and Johnson. 2,774,308.
- Johnson, William S.: See—
- Gilbert, Gerald, and Johnson. 2,752,391.
- Johnson, Winford B.: See—
- Dubois, Laurent O., Gartside, Johnson, and Schneider. 2,773,911.
- Johnson, Carl J. P., to Svenska Oljeslageri Aktiebolaget. Method for preventing sediment formation in boilers and the like. 2,733,693, 2-7-56, Cl. 122-397.
- Johnson, Karl Q.: See—
- Carpenter, David E., Johnson, House, and Johnson. 2,743,161.
- Johnson, Albert E. Animal transfer trap. 2,741,062, 4-10-56, Cl. 43-1.
- Johnson, Aubrey C.: See—
- Johnson, James L. and A. C. 2,760,581.
- Johnson, Charles P.: See—
- Carpenter, David E., Johnson, House, and Johnson. 2,743,161.
- Johnson, Charles W. Adjustable gin pole. 2,740,537, 4-3-56, Cl. 212-8.
- Johnson, Daniel S., to Signal Oil and Gas Co. Combination oil well tubing and electrical cable construction. 2,748,358, 5-29-56, Cl. 339-16.



- Johnston, Douglas: *See*—  
Horton, Donelson B., and Johnston. 2,771,846.
- Johnston, Douglas, to John Blue Co. Sealer attachment for anhydrous ammonia applicator. 2,736,279, 2-28-56, Cl. 111.
- Johnston, Douglas, to John Blue Co. Metering pump for pressurized normally-gaseous liquids. 2,761,391, 9-4-56, Cl. 103.
- Johnston, Douglas, to John Blue Co., Inc. Twin cylinder sprayer pump. 2,771,037, 11-20-56, Cl. 103-153.
- Johnston, Edgar C., Jr.: *See*—  
Johnston, Mordica O. 2,748,872.  
Johnston, Mordica O. 2,751,011.  
Johnston, Mordica O. 2,751,020.  
Johnston, Mordica O. 2,760,580.
- Johnston, Edward J.: *See*—  
Berg, Elmer W., and Johnston. 2,770,939.
- Johnston, Franklin, to Union Carbide and Carbon Corp. Production of diesterified phosphono derivatives of polyfunctional organic compounds. 2,754,319, 7-10-56, Cl. 260-461.
- Johnston, Franklin, to Union Carbide and Carbon Corp. Production of diesterified phosphono derivatives of monofunctional compounds. 2,754,320, 7-10-56, Cl. 260-461.
- Johnston, Gordon C.: *See*—  
Johnston, Mordica O. 2,748,872.  
Johnston, Mordica O. 2,751,011.  
Johnston, Mordica O. 2,751,020.  
Johnston, Mordica O. 2,760,580.
- Johnston, Hal C.: *See*—  
Baker, Marshall W., Johnston, and Henney. 2,773,360.
- Johnston, Hal C., to General Motors Corp. Method of making a multiple passage heat exchanger tube. 2,757,628, 8-7-56, Cl. 113-118.
- Johnston, Harold W., to The Standard Oil Co. Grinding oil containing pyrophosphatidic acid and sulfur. 2,737,495, 3-6-56, Cl. 252-46.6.
- Johnston, Hazel. Pillow case. 2,759,200, 8-21-56, Cl. 5-339.
- Johnston, Henry E., to Philco Corp. Slip ring device for electric cable reel. 2,751,565, 6-19-56, Cl. 339-5.
- Johnston, Howard, to The Dow Chemical Co. 3-chloro-1-ethoxypropane. 2,749,377, 6-5-56, Cl. 260-654.
- Johnston, James H.: *See*—  
Martin, Cecil G., and Johnston. 2,745,976.
- Johnston, James L. and A. C., to Johnston Testers, Inc. Well completion tool. 2,760,581, 8-28-56, Cl. 166-128.
- Johnston, James M.: *See*—  
Johnston, Leith, Alexander, and Johnston. 2,745,347.
- Johnston, John M. Apparatus and method for forming seamless flexible tubing. 2,757,706, 8-7-56, Cl. 153-72.
- Johnston, Joseph G.: *See*—  
Johnston, Mordica O. 2,748,872.  
Johnston, Mordica O. 2,751,011.  
Johnston, Mordica O. 2,751,020.  
Johnston, Mordica O. 2,760,580.
- Johnston, Leith, and E. C. Coulombe, Jr., to Automatic Electric Laboratories, Inc. Ticket issuing machine. 2,750,880, 6-19-56, Cl. 101-66.
- Johnston, Leith, H. J., McCreary, and R. C. Stiles, to Automatic Electric Laboratories, Inc. Tape movement check in a telegraph system. 2,770,675, 11-13-56, Cl. 178-17.5.
- Johnston, Madge: *See*—  
Johnston, Mordica O. 2,748,872.  
Johnston, Mordica O. 2,751,011.  
Johnston, Mordica O. 2,751,020.  
Johnston, Mordica O. 2,760,580.
- Johnston, Mordica O.: *See*—  
Andrew, Thomas A. 2,773,424.
- Johnston, Mordica O.,  $\frac{1}{4}$  to M. Johnston,  $\frac{1}{2}$  to E. C. Johnston, Jr.,  $\frac{1}{2}$  to G. C. Johnston,  $\frac{1}{2}$  to J. G. Johnston,  $\frac{1}{4}$  to M. O. Johnston, Jr., and  $\frac{1}{4}$  to W. C. Johnston. Well tool anchoring device. 2,748,872, 6-5-56, Cl. 166-206.
- Johnston, Mordica O.,  $\frac{1}{4}$  to M. Johnston,  $\frac{1}{2}$  to E. C. Johnston, Jr.,  $\frac{1}{2}$  to G. C. Johnston,  $\frac{1}{2}$  to J. G. Johnston,  $\frac{1}{4}$  to M. O. Johnston, Jr., and  $\frac{1}{4}$  to W. C. Johnston. Side wall testing apparatus. 2,751,011, 6-19-56, Cl. 166-120.
- Johnston, Mordica O.,  $\frac{1}{4}$  to M. Johnston,  $\frac{1}{2}$  to E. C. Johnston, Jr.,  $\frac{1}{2}$  to G. C. Johnston,  $\frac{1}{2}$  to J. G. Johnston,  $\frac{1}{4}$  to M. O. Johnston, Jr., and  $\frac{1}{4}$  to W. C. Johnston. Valve for use with side wall testing apparatus. 2,751,020, 6-19-56, Cl. 166-219.
- Johnston, Mordica O.,  $\frac{1}{4}$  to M. Johnston,  $\frac{1}{2}$  to E. C. Johnston, Jr.,  $\frac{1}{2}$  to G. C. Johnston,  $\frac{1}{2}$  to J. G. Johnston,  $\frac{1}{4}$  to M. O. Johnston, Jr., and  $\frac{1}{4}$  to W. C. Johnston. Side wall tester. 2,760,580, 8-28-56, Cl. 166-120.
- Johnston, Mordica O., and H. C. Skipper, to Johnston Testers, Inc. Well testing tool. 2,751,014, 6-19-56, Cl. 166-145.
- Johnston, Mordica O., Jr.: *See*—  
Andrew, Thomas A. 2,773,424.  
Johnston, Mordica O. 2,748,872.  
Johnston, Mordica O. 2,751,011.  
Johnston, Mordica O. 2,751,020.  
Johnston, Mordica O. 2,760,580.
- Johnston, Norman G., and J. T. Young, to Westinghouse Electric Corp. Tension device. 2,768,798, 10-30-56, Cl. 242-156.
- Johnston, Robert A., Co.: *See*—  
Tigerman, Louis, and Clough. 2,747,346.
- Johnston, Robert H., and G. E. Mitchell, to Esso Research and Engineering Co. Separation of  $C_2$ ,  $C_3$ , and  $C_4$  alkenes from highly cracked distillates. 2,745,889, 5-15-56, Cl. 260-677.
- Johnston, Robert W. B., and S. Marple, Jr., to Shell Development Co. A wax composition and an article coated therewith. 2,730,452, 1-10-56, Cl. 106-270.
- Johnston, Rowland W., Jr., to The Texas Co. Petroleum production in oil bearing formations. 2,731,090, 1-17-56, Cl. 166-29.
- Johnston Testers, Inc.: *See*—  
Bagnell, Edgar W. 2,734,582.  
Bagnell, Edgar W. 2,741,313.  
Cutright, Olie P. 2,760,582.  
Deters, Bruce A. 2,741,314.  
Garrison, Marion A. 2,745,189.  
Johnston, James L., and A. C. 2,760,581.  
Johnston, Mordica O., and Skipper. 2,751,014.  
Long, Thomas L. 2,743,316.  
Moosman, Jack A. 2,737,246.  
Moosman, Jack A. 2,751,024.  
Taylor, William B. 2,745,495.  
Taylor, William B. 2,760,408.
- Johnston, Warren C.: *See*—  
Andrew, Thomas A. 2,773,424.  
Johnston, Mordica O. 2,748,872.  
Johnston, Mordica O. 2,751,011.  
Johnston, Mordica O. 2,751,020.  
Johnston, Mordica O. 2,760,580.
- Johnston, William, Jr., deceased: *See*—  
Clemens, John B., and Johnston. Portable cipher pot stand. 2,743,893, 5-1-56, Cl. 248-241.
- Johnston, William S.: *See*—  
Kirk, Walter B., Johnston, and Fay. 2,760,831.
- Johnstone, Ben B.: *See*—  
Clemens, John B., and Johnstone. 2,764,055.  
Clemens, John B., and Johnstone. 2,770,735.  
Orthuber, Richard K., Clemens, and Johnstone. 2,733,501.  
Orthuber, Richard K., Clemens, and Johnstone. 2,749,598.
- Johnstone, Warren W., to Universal Oil Products Co. Method of removing nitrogen bases from hydrocarbon oils by treatment with an organic base exchange resin. 2,766,178, 10-9-56, Cl. 196-23.
- Joint Saw Co.: *See*—  
Lewis, William H. 2,745,165.
- Jokelson, Sonia: *See*—  
Jokelson, Sonia. 2,760,822.
- Joe-Line Tools Inc.: *See*—  
Woods, Robert G. 2,731,865.  
Woods, Robert G. 2,734,411.  
Woods, Robert G. 2,743,638.
- Jolley, Raymond S., to Consolidated Water Power & Paper Co. Vertical air extending burner apparatus of the cyclone type. 2,739,878, 3-27-56, Cl. 23-277.
- Joly, Robert: *See*—  
Amiard, Gaston, Joly, and Velluz. 2,734,919.
- Jonard, Howard A.: *See*—  
Boyttin, John E., and Jonard. 2,747,408.
- Jonas, Charles D., and E. D. Patterson, to Oxford Filing Supply Co., Inc. File drawer. 2,730,292, 1-10-56, Cl. 229-30.
- Jonas, Heinz: *See*—  
Goerrig, Dieter, and Jonas. 2,773,913.  
Noll, Walter, Jonas, and Simons. 2,767,201.  
Simons, Peter, Moschel, Jonas, and Noll. 2,742,433.
- Jonas, Heinz, to Farbenfabriken Bayer Aktiengesellschaft. Recovery of perchloromethyl mercaptan. 2,759,969, 8-21-56, Cl. 260-543.
- Jonas, Irving. Container with hinged split cover. 2,739,729, 3-27-56, Cl. 220-29.
- Jonas, Irving. Container with slide cover. 2,739,730, 3-27-56, Cl. 220-41.
- Jonas, Julius, and J. L. Byrne, to Northrop Aircraft, Inc. Fuel flow control for a jet engine afterburner. 2,761,278, 9-4-56, Cl. 60-35.6.
- Jonasson, Axel V., to Reed Mfg. Co. Pipe cutter. 2,747,275, 5-29-56, Cl. 30-101.
- Jondole, Stephen C. Stud spacer gauge. 2,744,334, 5-8-56, Cl. 33-180.
- Jones, Alan R., to International Equipment Co. Micro-metric and sedimentation reader. 2,750,671, 6-19-56, Cl. 260-29.
- Jones, Alan S.: *See*—  
Del Valle, Guillermo A., and Jones. 2,733,062.  
Jones, Alfred L., to The Lang Co., Inc. Ventilated utility appliance box for underground installations. 2,764,948, 10-2-56, Cl. 103-218.
- Jones, Allen R.: *See*—  
Gerhardt, Philip B., Smith, and Jones. 2,746,923.  
Gerhardt, Philip B., Smith, and Jones. 2,750,340.
- Jones, Arthur B., Jr., to The Fafnir Bearing Co. Multistage antifriction thrust bearing. 2,733,967, 2-7-56, Cl. 308-174.
- Jones, Arthur L.: *See*—  
Cuckson, Eric E., and Jones. 2,744,561.
- Jones, Arthur L., and P. S. Fay, to The Standard Oil Co. Process for the recovery of benzene by selective clathration. 2,732,413, 1-24-56, Cl. 260-674.
- Jones, Arthur L., and E. C. Hughes, to The Standard Oil Co. Thermal diffusion method. 2,734,633, 2-14-56, Cl. 210-52.5.
- Jones, Arthur L., and E. C. Milberger, to The Standard Oil Co. Process of concentrating carotene and tocopherol in palm oil by thermal diffusion. 2,741,643, 4-10-56, Cl. 260-666.
- Jones, Arthur L., and E. C. Milberger, to The Standard Oil Co. Thermal diffusion apparatus and method. 2,742,154, 4-17-56, Cl. 210-52.5.

- Jones, Barnie P.: *See*—  
Moser, Arvel M., 2,749,731.
- Jones, Barton. Differential pressure responsive bellows device. 2,752,949. 7-3-56, Cl. 137-784.
- Jones, Basil E.: *See*—  
Norby, Harold L., and Jones. 2,731,924.
- Jones, Bayard. Traffic control system. 2,768,365, 10-23-56, Cl. 340-43.
- Jones, Benjamin C.: *See*—  
Kirkpatrick, William D., and Newman. 2,737,987.
- Jones, Benjamin W., and M. B. Newworth, to Pittsburgh Consolidation Coal Co. Purification of tar acids. 2,766,296, 10-9-56, Cl. 260-627.
- Jones, Calvin M. High speed air conditioner circulating chamber. 2,740,268, 4-3-56, Cl. 62-140.
- Jones, Cecil B. Grinder. 2,769,281, 11-6-56, Cl. 51-91.
- Jones, Chandra H., and R. H. Renard. Containers. 2,766,921, 10-16-56, Cl. 229-14.
- Jones, Charles E., and R. H. Crowle, to Nu-Dell Plastics Corp. Sandal. 2,760,279, 8-28-56, Cl. 36-11.5.
- Jones, Charles H. Welder's helmet. 2,760,197, 8-28-56, Cl. 2-8.
- Jones, Charles H., and C. P. Carpenter, to Westinghouse Electric Corp. Three beam gun. 2,757,301, 7-31-56, Cl. 813-69.
- Jones, Charles H., Jr., to Gould Engineering and Sales Co., Inc. Indexing mechanism. 2,772,586, 12-4-56, Cl. 77-64.
- Jones, Charles H., Jr., to Gould Engineering and Sales Co., Inc. Grinding wheel truing mechanism. 2,772,670, 12-4-56, Cl. 125-11.
- Jones, Charles T. A.: *See*—  
Lambert, Donald B., and Jones. 2,744,685.
- Jones, Charles T. A., to Powers-Sumas Accounting Machines Ltd. Record-controlled type bar setting mechanism. 2,731,911, 1-24-56, Cl. 101-93.
- Jones, Charles T. A., to Powers-Sumas Accounting Machines Ltd. Statistical machines. 2,739,897, 8-27-56, Cl. 346-146.
- Jones, Charles W., to H. I. Jones. Ironing board. 2,762,144, 9-11-56, Cl. 38-105.
- Jones, Cleveland. Cotton chopper. 2,761,366, 9-4-56, Cl. 97-19.
- Jones, Clifford, B. Harris, and F. L. Ingley, to The Dow Chemical Co. Method of preparation of moldable copolymers of styrene and acrylonitrile. 2,739,142, 3-20-56, Cl. 260-85.5.
- Jones, Clifton H., and C. W. Foust, to Esso Research and Engineering Co. Fluid flow meter. 2,772,664, 12-4-56, Cl. 121-148.
- Jones, Creighton C.: *See*—  
Ramadanoff, Dimitar, and Jones. 2,754,231.
- Jones, Cyril C.: *See*—  
Best, Denis, and Jones. 2,750,952.
- Jones, David B. Device for printing and cutting characters. 2,771,030, 11-2-56, Cl. 101-298.
- Jones, David G., to Deapens & Son Ltd. High frequency induction heating apparatus. 2,768,269, 10-23-56, Cl. 219-10.49.
- Jones, David Gwyn.: *See*—  
Taylor, Arthur W. C., Jones, and Noble. 2,737,534.
- Jones, Arthur W. C., Jones, and Noble. 2,737,535.
- Jones, Arthur W. C., Jones, and Noble. 2,737,537.
- Jones, David W., to Kenyon Instrument Co., Inc. Automatic source selector valve. 2,729,226, 1-3-56, Cl. 137-112.
- Jones, David W., to Kenyon Instrument Co., Inc. Check valve. 2,744,539, 5-8-56, Cl. 137-327.4.
- Jones, David W., and F. Zant; said Zant assor. to said Jones. Self propelled toy which circumvents obstructions. 2,770,074, 11-13-56, Cl. 46-247.
- Jones, Don B., and V. H. Hill, to Motor Wheel Corp. Electric ignition system for an oil burner. 2,747,656, 5-29-56, Cl. 158-28.
- Jones, Don F., and K. S. Bassett, to Motor Wheel Corp. Forced air flow air heating furnace. 2,749,904, Cl. 126-110.
- Jones, Donald B. Time teacher. 2,749,627, 6-12-56, Cl. 35-39.
- Jones, Donald F., to Research Corp. Production of hybrid seed corn. 2,753,663, 7-10-56, Cl. 47-55.
- Jones, Douglas E., to Peninsula Tool Co. Rubbing machine. 2,742,740, 4-24-56, Cl. 51-170.
- Jones, Dwight E., to E. D. Jones & Sons Co. Pulping-defiber-gum apparatus. 2,756,646, 7-31-56, Cl. 92-26.
- Jones, E. D., & Sons Co.: *See*—  
Jones, Dwight E., 2,756,646.
- Jones, Earl C., and G. F. Jones. Game apparatus. 2,762,625, 9-11-56, Cl. 273-130.
- Jones, Earl R., and E. A. Newell, to E. I. du Pont de Nemours & Co. Textile bobbin drive. 2,755,027, 7-17-56, Cl. 242-46.5.
- Jones, Earle M., to Protection Equipment Co., Inc. Vault ventilator. 2,751,838, 6-26-56, Cl. 98-33.
- Jones, Edgar. Fishing line signal device. 2,771,703, 11-27-56, Cl. 43-17.
- Jones, Edward N. Hydraulic acting jet gun for perforating well casings. 2,749,841, 6-12-56, Cl. 102-21.8.
- Jones, Edward N. Well perforating apparatus. 2,760,435, 8-28-56, Cl. 102-21.8.
- Jones, Edwin P., and E. B. Lancaster, to the United States of America as represented by the Secretary of Agriculture. Edible spreads from vegetable oils. 2,754,213, 7-10-56, Cl. 99-123.
- Jones, Elizabeth V. C. Skirt with bifurcated inner garment. 2,756,433, 7-31-56, Cl. 2-212.
- Jones, Ernest A., to Thompson Products, Inc. Corner reflector type antenna. 2,770,801, 11-13-56, Cl. 343-834.
- Jones, Evan.: *See*—  
Dickert, Robert S., and Jones. 2,758,609.
- Jones, Evan, to Henry Valve Co., Inc. Rupture disk assembly. 2,758,749, 8-14-56, Cl. 220-89.
- Jones, Evan, to Henry Valve Co., Inc. Rupture disk assembly. 2,772,019, 11-27-56, Cl. 220-89.
- Jones, Evan A., to Universal Oil Products Co. Separation of gases. 2,734,592, 2-14-56, Cl. 183-2.
- Jones, Evan I., and S. M. Todd, to Imperial Chemical Industries Ltd. Solutions of acrylonitrile polymers in mixtures of propylene carbonate and water. 2,735,978, 2-7-56, Cl. 18-54.
- Jones, Evan I., S. M. Todd, and L. Wood, to Imperial Chemical Industries Ltd. Polymeric compositions comprising a grafted acrylic copolymer dissolved in a mixture of propylene carbonate and water. 2,734,040, 2-7-56, Cl. 260-29.6.
- Jones, Evan I., and S. M. Todd, to Imperial Chemical Industries Ltd. Compositions of matter comprising acrylonitrile polymers dissolved in mixtures of ethylene carbonate and water. 2,734,041, 2-7-56, Cl. 260-29.6.
- Jones, Everett E., to Boeing Airplane Co. Articulated metal forming tool. 2,729,265, 1-3-56, Cl. 153-32.
- Jones, Everett E., to Boeing Airplane Co. Apparatus for forming sheet metal. 2,737,224, 3-6-56, Cl. 153-48.
- Jones, Everett E., to Boeing Airplane Co. Machine tool. 2,738,692, 8-20-56, Cl. 77-32.2.
- Jones, Floyd B., O. H. Schuck, and N. E. Handel, to the United States of America as represented by the Secretary of the Navy. Demonstrator for underwater echo range and bearing apparatus. 2,751,689, 6-26-56, Cl. 35-10.4.
- Jones, Frederick W. Golf bags. 2,763,309, 9-18-56, Cl. 150-13.5.
- Jones, G. Lester.: *See*—  
Hefferan, Albert, and Jones. 2,774,184.
- Jones, Geneva F.: *See*—  
Jones, Earl C., and G. F. 2,762,625.
- Jones, George F. Fertilizer tool. 2,734,468, 2-14-56, Cl. 1-195.
- Jones, George F., to The Lancashire Felt Co. Ltd. Method of making felt slippers. 2,762,068, 9-11-56, Cl. 12-142.
- Jones, George L.: *See*—  
Hefferan, Albert, and Jones. 2,774,184.
- Jones, George S., to Eastman Kodak Co. Device for supporting an objective and film drive roll. 2,747,462, 5-29-56, Cl. 88-24.
- Jones, Gliffin D., to The Dow Chemical Co. Production of acrylamide and acrylic acid. 2,734,915, 2-14-56, Cl. 260-526.
- Jones, Gliffin D., and R. L. Zimmerman, to The Dow Chemical Co. Vinylisothiocyanate and its polymeric products. 2,757,190, 7-31-56, Cl. 260-454.
- Jones, Glen H., and C. Koepfer, to Utica Duxbak Corp. Hunting vest. 2,755,480, 7-24-56, Cl. 2-94.
- Jones, Glen H. Post hole digger and driving means thereof. 2,774,568, 12-18-56, Cl. 255-19.
- Jones, Glenn A.: *See*—  
Klessig, Ernst F., and Jones. 2,739,449.
- Klessig, Ernst F., and Jones. 2,746,392.
- Klessig, Ernst F., and Jones. 2,755,624.
- Klessig, Ernst F., and Jones. 2,768,582.
- Jones, Gordon K. Seat locking mechanism. 2,730,165, Cl. 1-106, Cl. 159-163.
- Jones, Gordon K. Locking mechanism for reclining seats. 2,732,888, 1-31-56, Cl. 155-163.
- Jones, Gravit H. Wheel balancer. 2,731,833, 1-24-56, Cl. 73-458.
- Jones Graphic Products Co.: *See*—  
Brown, Clarence A. 2,742,358.
- Jones, Gustaf P. Trailer wall construction. 2,730,772, 1-17-56, Cl. 20-4.
- Jones, Harold C.: *See*—  
Plympton, Leon W., Jr., and Jones. 2,740,108.
- Jones, Harold E. Method of treating cocoa beans and product thereof. 2,745,746, 5-15-56, Cl. 99-23.
- Jones, Harriet I.: *See*—  
Jones, Charles W. 2,762,144.
- Jones, Harry G., Jr., C. J. Koepfer, and F. P. Gilhooly, to the United States of America as represented by the Secretary of the Army. Rocket fuse. 2,755,738, 7-24-56, Cl. 102-78.
- Jones, Harry H., and R. A. Hudock, to G. W. Harding, Ap. patents for dip coating articles. 2,739,567, 3-27-56, Cl. 118-429.
- Jones, Harry W.: *See*—  
Dempster, George R., and Jones. 2,751,100.
- Jones, Harry W., to Dempster Brothers, Inc. Automatic hooks. 2,729,496, 1-3-56, Cl. 294-83.
- Jones, Harry W., to Dempster Brothers, Inc. Container. 2,758,733, 8-14-56, Cl. 214-317.
- Jones, Harry W., to Dempster Brothers, Inc. Sump-type containers for transporting and dumping equipment. 2,772,919, 12-4-56, Cl. 298-30.
- Jones, Henry C., to Patapsco and Back Rivers Railroad Co. Grinding machine. 2,754,630, 7-17-56, Cl. 51-48.
- Jones, Hiram, J. Adjustable masking shield for electrophoresis. 2,745,805, 3-15-56, Cl. 204-279.
- Jones, Hugh A. Filters. 2,775,350, 12-25-56, Cl. 210-157.
- Jones, Ira M.: *See*—  
Collat, Edgar. 2,751,155.
- Engel, William H. 2,768,692.
- Jones, Jahugh, 50% to A. H. Hoblitzell. Pipe hanger clamp. 2,751,176, 6-19-56, Cl. 248-72.



- Jones, James B.: *See*—  
Colburn, Allan P., and Jones, and Pyle. 2,747,849.
- Jones, James E. Adjustable bumper attached trailer hitch. 2,747,892, 5-29-56, Cl. 280-491.
- Jones, James F. Bug and mosquito catcher. 2,731,762, 1-24-56, Cl. 43-113.
- Jones, James T. Dispensing machine for soft or semi-fluid materials. 2,751,124, 6-19-56, Cl. 222-179.
- Jones, Jean E.: *See*—  
Lowe, Wesley G., Jones, and Roberts. 2,739,060.  
Lowe, Wesley G., Jones, and Roberts. 2,743,182.  
Lowe, Wesley G., Jones, and Roberts. 2,743,183.
- Jones, Jean E., to Eastman Kodak Co. Supersensitization of photographic emulsions with benzimidazolopyranine dyes. 2,751,298, 6-19-56, Cl. 95-7.
- Jones, Jean E., and R. E. Danscher, to Eastman Kodak Co. X-ray film. 2,759,821, 8-21-56, Cl. 95-8.
- Jones, Jean E., F. H. Reed, and J. A. Kunikis, to Eastman Kodak Co. X-ray film. 2,759,822, 8-21-56, Cl. 95-8.
- Jones, Jennings H.: *See*—  
Penske, Merrill R., and Jones. 2,775,633.
- Jones, Jerome L. Shutter for television picture tube. 2,751,583, 6-19-56, Cl. 340-367.
- Jones, John B., Jr.: *See*—  
Reese, Adam A., Putman, Jones, and Tripp. 2,757,129.
- Jones, John B., Jr.: *See*—  
Melcher, Robert J. 2,755,331.  
Melcher, Robert J. 2,762,025.
- Jones, John F., Sr.: *See*—  
Melcher, Robert J. 2,755,331.  
Melcher, Robert J. 2,762,025.
- Jones, John H., and C. R. Benson. Vise for supporting pipe during caulking. 2,772,588, 12-4-56, Cl. 81-19.
- Jones, John P. Tree shakers. 2,729,199, 1-3-56, Cl. 121-157.
- Jones, John P., to Burroughs Corp. Binary magnetic element coupling circuits. 2,747,110, 5-22-56, Cl. 307-88.
- Jones, John P. Tree shakers. 2,769,298, 11-6-56, Cl. 56-328.
- Jones, John R.: *See*—  
Weissberg, Jesse S., and Jones. 2,734,867.  
Weissberg, Jesse S., and Jones. 2,766,291.
- Jones, Joseph E.: *See*—  
Jones, Leonard R. and J. E. 2,768,486.
- Jones, Kenneth L.: *See*—  
Baker, Albert D., Jones, and Leavengood. 2,730,866.
- Jones, L. Hanson Machine Co.: *See*—  
Finn, Robert R., and White. 2,746,066.
- Jones & Laughlin Steel Corp.: *See*—  
Pearsall, Luther T. 2,772,084.  
Rendleman, Norman C. 2,733,500.  
Shoenberger, Louis. 2,763,784.  
Webster, Richard R. 2,763,784.
- Jones, Lawrence R., to Commercial Solvents Corp. Process for producing hydroxylammonium salts. 2,755,171, 7-17-56, Cl. 23-117.
- Jones, Leonard R. and J. E. Multiple band saw honing mechanism. 2,768,486, 10-30-56, Cl. 51-246.
- Jones, Lewis J.: *See*—  
Turner, Percy P., Jr., and Jones. 2,751,668.  
Turner, Percy P., Jr., and Jones. 2,755,184.
- Jones, Lowell R. Retractable trailer step. 2,747,888, 5-29-56, Cl. 280-166.
- Jones, Lloyd W., to Stanolind Oil and Gas Co. Corrosion inhibiting. 2,756,211, 7-24-56, Cl. 252-8-55.
- Jones, Luther B. Portable drill press. 2,749,780, 6-12-56, Cl. 77-7.
- Jones, Mack M.: *See*—  
Borgard, William F., and Jones. 2,749,724.
- Jones, Maldwyn E., to ACF Industries, Inc. Idling system for two-cycle engines. 2,759,716, 8-21-56, Cl. 261-41.
- Jones, Maldwyn E., to ACF Industries, Inc. Primer and fuel cut-off device. 2,762,355, 9-11-56, Cl. 123-180.
- Jones, Marvin R.: *See*—  
Allen, Herbert, Works, and Jones. 2,756,634.
- Jones, Marvin R., to Petroleum Mechanical Development Corp. Blowout preventer and ram therefor. 2,746,710, 5-22-56, Cl. 251-2.
- Jones, Marvin R., to Petroleum Mechanical Development Corp. Wellhead sealing devices for well pipes. 2,746,781, 5-22-56, Cl. 288-2.
- Jones, Milton M. Hose support. 2,736,525, 2-23-56, Cl. 248-83.
- Jones, Montgomery O., to G. T. Smith, C. Wortham, Jr., and F. L. Williams. Punching implement having spring pressed ball opposed to punch element. 2,738,009, 3-13-56, Cl. 164-121.
- Jones, Montgomery O., to G. T. Smith, C. Wortham, Jr., and F. L. Williams, trustees. Card perforating device employing a punch movable laterally and longitudinally of the card. 2,758,822, 7-31-56, Cl. 164-8.
- Jones, Paul C., to John Oster Mfg. Co. Lathe and drill press assembly. 2,768,663, 10-30-56, Cl. 144-1.
- Jones, Paul R. Cutter for rolled material. 2,738,841, 3-20-56, Cl. 164-45.
- Jones, Paul V., to Philco Corp. Method of and apparatus for forming lenses. 2,755,603, 7-24-56, Cl. 51-131.
- Jones, Paul W., and R. E. Wilkinson, to Rostone Corp. Arc-suppressing device. 2,768,264, 10-23-56, Cl. 200-144.
- Jones, Percy, (Twinlock) Ltd.: *See*—  
Sewell, Frederick R. 2,770,238.
- Jones, Philip H.: *See*—  
Bratfisch, Warren A., and Jones. 2,771,906.  
Deftbaugh, Earle M., and Jones. 2,759,424.
- Jones, Raymond E.: *See*—  
Stratman, William C., Jones, and Regnier. 2,765,685.
- Jones, Reuben G., to Eli Lilly and Co. Pyridoxine synthesis. 2,744,114, 5-1-56, Cl. 260-297.5.
- Jones, Reuben G., to Eli Lilly and Co. Intermediates for the synthesis of pyridoxine. 2,748,135, 5-29-56, Cl. 260-294.9.
- Jones, Reuben G., to Eli Lilly and Co. Tetra-substituted pyridines and process for their preparation. 2,757,176, 7-31-56, Cl. 260-294.9.
- Jones, Reuben G., and E. C. Kornfeld, to Eli Lilly and Co. Process for the preparation of substituted pyrroles. 2,744,915, 5-8-56, Cl. 260-326.3.
- Jones, Reuben G., and E. C. Kornfeld, to Eli Lilly and Co. Process for the preparation of thiophene dicarboxylic acid. 2,744,917, 5-8-56, Cl. 260-332.2.
- Jones, Reuben G., and E. C. Kornfeld, to Eli Lilly and Co. 1-formyl-2-dialkoxymethylsuccinic acid esters and their cyclization to heterocyclic compounds. 2,745,845, 5-15-56, Cl. 260-347.3.
- Jones, Rexford W., to Photo-Engravers Research, Inc. Etching. 2,746,848, 5-22-56, Cl. 41-42.
- Jones, Richard S., to Imperial Chemical Industries Ltd. Preparation of alkyl-aryl-ureas. 2,768,971, 10-30-56, Cl. 260-553.
- Jones, Richard S., to D. B. Adams. Centrifugal stripper. 2,736,391, 2-25-56, Cl. 183-36.
- Jones, Richard S., to D. B. Adams. Separating system. 2,766,846, 10-16-56, Cl. 183-58.
- Jones, Richard W., to Allis-Chalmers Mfg. Co. Electric power output responsive system. 2,735,978, 2-21-56, Cl. 322-25.
- Jones, Robert C.: *See*—  
Dair, Charles T., and Jones. 2,744,170.
- Jones, Robert C. Electronic device for automatically discriminating between speech and music forms. 2,761,897, 9-4-56, Cl. 179-1.
- Jones, Robert E., to The Sanford Investment Co. Car for transport of miners. 2,737,128, 3-6-56, Cl. 103-364.
- Jones, Robert H.: *See*—  
Dobrogowski, Daniel T., Roen and Jones. 2,739,817.  
Dobrogowski, Daniel T., Roen, and Jones. 2,763,486.  
Giolito, Silvio L., and Jones. 2,770,638.
- Jones, Robert H., to Esso Research and Engineering Co. Mineral oil composition. 2,759,892, 8-21-56, Cl. 252-32.7.
- Jones, Robert H., to Esso Research and Engineering Co. Lubricating oil additives. 2,765,277, 10-2-56, Cl. 252-32.7.
- Jones, Robert H., and E. B. Cyphers, to Esso Research and Engineering Co. Sulfurized hydrocarbon lubricant additive. 2,762,346, 10-2-56, Cl. 252-45.
- Jones, Robert H., M. W. Hill, and L. E. Moody, to Esso Research and Engineering Co. Phospho-sulfurized hydrocarbons. 2,734,863, 2-14-56, Cl. 252-32.7.
- Jones, Robert H., and S. L. Giolito. Xanthyl and trithiocarbonitriles, sulfoxides, and sulfones as pesticides. 2,743,209, 8-21-56, Cl. 167-22.
- Jones, Robert H., and S. L. Giolito, to Stanfer Chemical Co. Xanthogen and dithiocarbonil tetrasulfides as pesticides. 2,743,210, 4-24-56, Cl. 167-30.
- Jones, Robert H., and J. F. Svoboda, to Milwaukee Stamping Co. Self-closing door and interior door hinge assembly. 2,747,238, 5-29-56, Cl. 20-16.
- Jones, Robert L., to Columbia Broadcasting System, Inc., d. b. a. Hytron Radio & Electronics Co., a division of Columbia Broadcasting System, Inc. Semiconductor device. 2,773,225, 12-4-56, Cl. 317-235.
- Jones, Roy W., to Automatic Electric Laboratories, Inc. Party line selective signalling system having code call. 2,735,892, 2-21-56, Cl. 179-18.
- Jones, Rudolph W., Sr. Twister ring oiler. 2,743,845, 5-1-56, Cl. 222-117.
- Jones, Rufus V., and P. J. Canterino to Phillips Petroleum Co. Reaction products of hydrogenated rubbery polymers with acrylonitriles. 2,731,439, 1-17-56, Cl. 260-45.5.
- Jones, S. Frank: *See*—  
Michael, Marie W. 2,755,804.
- Jones, Sam H., to Askania Regulator Co. Blast furnace wind distribution control. 2,774,368, 12-18-56, Cl. 157-106.
- Jones, Samuel O., to Newport News Shipbuilding and Dry Dock Co. Welding electrode holders. 2,764,669, 9-25-56, Cl. 219-138.
- Jones, Samuel O., to R. J. Reynolds Tobacco Co. Tobacco. 2,760,145, 9-2-56, Cl. 131-17.
- Jones, Stanley B., and T. D. Mueller, to California Research Corp. Thermal neutron and gamma radiation well logging. 2,755,389, 7-17-56, Cl. 250-71.
- Jones, Thomas F. Remote measuring device. 2,743,985, 5-1-56, Cl. 346-33.
- Jones, Thomas G.: *See*—  
Hammer, Glen P., and Jones. 2,750,359.  
Hammer, Glen P., and Jones. 2,775,575.  
Hammer, Glen P., Jones, McDaniel, and Fuqua. 2,775,576.  
Wilson, Samuel W., and Jones. 2,733,279.
- Jones, Thomas G., M. C. Fuqua, and C. M. Downs, Jr., to Esso Research and Engineering Co. Decabaling of oxo aldehydes with nonaqueous oxalic acid. 2,757,200, 7-31-56, Cl. 260-604.
- Jones, Thomas G., G. P. Hammer, and M. C. Fuqua, to Esso Research and Engineering Co. Oxo catalyst removal processes. 2,757,200, 7-31-56, Cl. 260-604.
- Jones, Ulisses M. Automatic tape player. 2,732,144, 1-24-56, Cl. 242-55.
- Jones, Victor R. Metalworking tool for repairing automobile bodies. 2,756,621, 7-31-56, Cl. 81-15.

- Jones & Vining, Inc.: *See*—  
Vining, Howard C. 2,759,206.
- Jones, Virgil C.: *See*—  
Achenbach, John F. and Jones. 2,745,680.
- Jones, Walter A.: *See*—  
Costick, Andrew J. and Jones. 2,734,227.
- Jones, Walter I., to United-Carr Fastener Corp. Heat sealable plastic fastener and assembly. 2,745,159, 5-15-56, Cl. 24-213.
- Jones, Walter I., to United-Carr Fastener Corp. Fastener for attachment to plastic material. 2,745,160, 5-15-56, Cl. 24-217.
- Jones, Whitney W. Gravity-actuated closure for coin-controlled devices. 2,734,680, 2-14-56, Cl. 232-44.
- Jones, Whitney W. Removal receptacle for the contents of coin boxes. 2,749,030, 6-5-56, Cl. 232-1.
- Jones, Wilford D., to Celanese Corp. of America. Copolymers of acrylonitrile and N-benzylacrylamide. 2,732,358, 1-24-56, Cl. 260-30.8.
- Jones, Wilford D., to Celanese Corp. of America. Acrylamides. 2,749,355, 6-5-56, Cl. 260-326.3.
- Jones, Wilford D., and C. E. Kaufman, Jr., to Celanese Corp. of America. Process for the production of acrylonitrile polymer fibers. 2,761,754, 9-4-56, Cl. 18-54.
- Jones, Willard C., to Underwood Corp. Platen removing facility. 2,737,323, 7-1-56, Cl. 197-14.
- Jones, Willard W. Bible and Sunday school data holder. 2,742,070, 4-17-56, Cl. 150-1.6.
- Jones, William A., to Detroit Controls Corp. Magnetic modulator. 2,774,057, 12-11-56, Cl. 340-195.
- Jones, William A., and C. H. Stein, to Esso Research and Engineering Co. Odorless solvent manufacture. 2,762,853, 9-11-56, Cl. 260-683.4.
- Jones, William C.: *See*—  
De Puy, James R., Hartman, Jones, and Klein. 2,753,671.
- Jones, William C., to The Dental Chemical Co. Apparatus for dusting plastic film and like sheet material. 2,729,194, 1-3-56, Cl. 118-308.
- Jones, William H. Game call game. 2,729,025, 1-3-56, Cl. 46-180.
- Jones, William L. Exercise cycle. 2,735,422, 2-21-56, Cl. 128-25.
- Jones, William O., to The British Oxygen Co. Ltd. Preparation of guanamines. 2,735,850, 2-21-56, Cl. 260-249.9.
- Jones, William R., to The Celotex Corp. Method and apparatus for forming wet felted fiber board. 2,747,470, 5-29-56, Cl. 92-39.
- Jones, William R.,  $\frac{1}{2}$  to G. F. Metzger. Visor for vehicles. 2,772,916, 12-4-56, Cl. 296-97.
- Jonsson, Johan, to Hartford National Bank and Trust Co., as trustee. Contact member for disc-shaped electrode connections. 2,730,692, 1-10-56, Cl. 339-256.
- Jonker, Hendrik: *See*—  
De Jonge, Jelis, Jonker, Keuning, and Dippel. 2,764,484.
- Jonker, Hendrik, to J. H. A. Jonker. 2,747,292.
- Jonker, Hendrik, Tjits W., Hourman, and Jonker. 2,733,144.
- Jonker, Hendrik, R. J. H. Alink, and T. W. van Rijssel, to Hartford National Bank and Trust Co., as trustee. Photographic process. 2,738,272, 3-13-56, Cl. 95-88.
- Jonker, Johan L. H.: *See*—  
Perilhou, Jean R., and Jonker. 2,748,313.
- Perilhou, Jean R., and Jonker. 2,774,814.
- Perilhou, Jean R., Jonker, and Juergens. 2,736,837.
- Perilhou, Jean R., Jonker, and Juergens. 2,736,890.
- Van Overbeek, Adrianus J. W. M., and Jonker. 2,754,375.
- Jonker, Johan L. H., and G. Diemer, to Hartford National Bank and Trust Co., as trustee. Circuit for frequency transformation of high-frequency oscillations. 2,775,690, 12-25-56, Cl. 250-20.
- Jonkers, Cornelius O., and L. de Lange, to Hartford National Bank and Trust Co., as trustee. Freezer and cooled chamber construction of a cold-gas refrigerator. 2,770,109, 11-13-56, Cl. 62-136.
- Jonkers, Cornelius O., J. W. L. Kohler, A. A. Liebe, and J. van der Ster, to Hartford National Bank and Trust Co., as trustee. Gas-fractionating installation. 2,771,751, 11-27-56, Cl. 62-122.
- Jonsson, Greta M. Leg closure in child's garment. 2,730,723, 1-27-56, Cl. 2-270.
- Jonsson, Johan E., to Telefonaktiebolaget L. M. Ericsson. Method of producing contact spring sets. 2,734,257, 2-14-56, Cl. 29-155.55.
- Jonsson, Johan M. Spring device provided between the cheeks of a pair of pliers or a similar tool. 2,732,733, 1-31-56, Cl. 76-64.
- Jonsson, Kurt A.: *See*—  
Polasek, Karl, and Jonsson. 2,747,107.
- Jonsson, Lars H. Sawblades. 2,760,530, 8-28-56, Cl. 143-133.
- Jonsson, Nils J. Method and a feeding device in blindstitching of textile fabrics. 2,758,559, 8-14-56, Cl. 112-262.
- Jonsson, Sigvard, to A. B. Svenska Flakfabriken. Apparatus for drying grain. 2,759,274, 8-21-56, Cl. 34-164.
- Jonsson, Sven U.: *See*—  
Hagby, Gustav V., and Jonsson. 2,765,152.
- Joormann, Hendrik J. M.: *See*—  
Diemer, Gesinus, and Joormann. 2,755,457.
- Joratz, Paul C.: *See*—  
Lesgrow, Jack B., and Joratz. 2,732,164.
- Jordan, Abigail: *See*—  
Jordan, James F. 2,732,292.
- Jordan, Anthony G. Test tube heater. 2,770,707, 11-13-56, Cl. 219-43.
- Jordan, Arthur D., Jr., to Rohm & Haas Co. Cellulosic fibrous products and methods of producing them. 2,765,228, 10-2-56, Cl. 92-3.
- Jordan, Carl F., Jr., to Collins Radio Corp. Circuit for preventing intermodulation. 2,734,950, 2-14-56, Cl. 179-171.
- Jordan, Charles M., Jr. Chipping attachment for lens cutting machine. 2,774,585, 12-18-56, Cl. 49-48.
- Jordan, Clifford V., to Electro-Seal Corp. Textile labels. 2,763,814, 10-9-56, Cl. 139-426.
- Jordan, Daniel. Apparatus for dehydrating refrigerants. 2,765,568, 7-31-56, Cl. 62-117.85.
- Jordan, Donald, to United Aircraft Corp. Variable area reaction nozzle movable from convergent to convergent-divergent form. 2,770,944, 11-20-56, Cl. 60-35.6.
- Jordan, Hans: *See*—  
Draper, Alfonso C., Samolis, and Jordan. 2,768,387.
- Jordan, Hans, to Given Machinery Co. Waste disposal device. 2,730,308, 1-10-56, Cl. 241-257.
- Jordan, Hans, to Given Machinery Co. Garbage disposer with protective inlet. 2,760,728, 8-28-56, Cl. 241-46.
- Jordan, Hans, to Given Machinery Co. Garbage grinder with self-cleaning cutter head. 2,760,730, 8-28-56, Cl. 241-155.
- Jordan, Homer G.: *See*—  
Case, Robert L., Jordan, and Kleist. 2,730,579.
- Jordan, Jack P., to Crown Cork & Seal Co., Inc. Protective cover for dispensing containers. 2,775,372, 12-25-56, Cl. 222-182.
- Jordan, Jacob, to Shenango Pottery Co. Ware foot abrading machine. 2,741,076, 4-10-56, Cl. 51-154.
- Jordan, James, Estate of: *See*—  
Jordan, James F. 2,732,292.
- Jordan, James F.: *See*—  
Jordan, James F. 2,758,022.
- Jordan, James F.,  $\frac{1}{2}$  to the estate of J. Jordan, deceased, and  $\frac{1}{2}$  to A. Jordan. Process of heating particulate material. 2,758,022, 8-7-56, Cl. 75-76.
- Jordan, James F.,  $\frac{1}{2}$  to the estate of J. Jordan, deceased. Method of adding magnesium to molten iron. 2,749,237, 6-5-56, Cl. 75-130.
- Jordan, James F.,  $\frac{1}{2}$  to the estate of J. Jordan. Continuous copper refining. 2,758,022, 8-7-56, Cl. 75-76.
- Jordan, John C., and L. M. Le Jeune. Battery connector. 2,729,802, 1-3-56, Cl. 339-256.
- Jordan, John P., and A. C. Sheckler, to General Electric Co. Full wave asymmetrical semi-conductor devices. 2,737,323, 7-31-56, Cl. 317-239.
- Jordan, Marian. Matchbook. 2,761,554, 9-4-56, Cl. 206-48.
- Jordan, Merrill E., and H. M. Cole, to Godfrey L. Cabot, Inc. Pigment peptizing agent and process. 2,730,453, 1-10-56, Cl. 196-271.
- Jordan, Merrill E., and M. D. Lipovsky, to Godfrey L. Cabot, Inc. Measurement of volumes. 2,757,534, 8-7-56, Cl. 73-61.
- Jordan, Merrill E., and W. G. Burbine. Fine grinding process of calcium minerals. 2,763,435, 9-18-56, Cl. 241-53.
- Jordan, Otis D., to Ohio Ferro-Alloys Corp. Device for detection of water in oil. 2,752,586, 6-26-56, Cl. 340-235.
- Jordan, Richard H.: *See*—  
Rieger, Wilhelm. 2,760,258.
- Jordan, Richard H. Snap switch. 2,758,170, 8-7-56, Cl. 200-67.
- Jordan, Richard H. Bearing. 2,770,505, 11-13-56, Cl. 308-72.
- Jordan, Samuel C.: *See*—  
Lewis, Walter B., and Jordan. 2,772,341.
- Jordan, Samuel C., and L. H. Fitzmayer, to General Electric Co. Temperature control system. 2,767,293, 10-16-56, Cl. 219-20.
- Jordan, Walter. Suction device for the transfer of liquid from one container to another. 2,743,078, 4-24-56, Cl. 251-65.
- Jordan, Walter, to Walter Jordan G. m. b. H. Liquid separation plant. 2,757,798, 8-7-56, Cl. 210-54.
- Jordan, Walter E.: *See*—  
Burrows, Lawton A., and Jordan. 2,772,444.
- Jordan, Walter, G. m. b. H.: *See*—  
Jordan, Walter. 2,757,798.
- Jordan, Wesley A., to General Mills, Inc. Increasing the viscosity of water sols by reaction with formaldehyde. 2,730,505, 1-10-56, Cl. 252-311.
- Jordan, Wesley A., to General Mills, Inc. Dehydrated castor oil fatty acids. 2,745,854, 5-15-56, Cl. 260-405.5.
- Jordan, Woodrow W., and P. W. Spencer, said Jordan assor. to McCubbin. Pipe marking device. 2,735,190, 2-21-56, Cl. 33-189.
- Jordanoff, Assen, to Strato-Port Corp. of America. Unidirectional airport. 2,765,994, 10-9-56, Cl. 244-114.
- Jordi, Jakob. Copying device for bookkeeping machines. 2,736,416, 2-28-56, Cl. 197-126.
- Jorgensen, Anders O.: *See*—  
Ericsson, Eric A., and Jorgensen. 2,733,319.
- Jorgensen, Bernhard, to United Shoe Machinery Corp. Lasting machines. 2,739,323, 3-27-56, Cl. 12-12.
- Jorgensen, Bernhard, to United Shoe Machinery Corp. Machines for shaping uppers over lasts. 2,768,396, 10-30-56, Cl. 12-10.5.
- Jorgensen, Bernhard, to United Shoe Machinery Corp. Lasting machines. 2,768,397, 10-30-56, Cl. 12-11.3.
- Jorgensen, Clarence H., to General Motors Corp. Pressure regulating apparatus. 2,756,734, 7-31-56, Cl. 123-103.
- Jorgensen, Clarence H., to General Motors Corp. Automatic circuit breaker. 2,757,258, 7-31-56, Cl. 200-116.



- Jorgensen, Clarence H., and H. C. Zeisloft, to General Motors Corp., Potentiometer assembly. 2,738,403, 3-13-56, Cl. 201-48.
- Jorgensen, Clarence H., Jr., Device for controlling carburetor-throttle closing. 2,759,698, 8-21-56, Cl. 251-48.
- Jorgensen, David F., Combination hit and dolly. 2,729,347, 1-3-56, Cl. 214-77.
- Jorgensen, Dell E.: See—  
Patrusky, Nathan, and Jorgensen. 2,757,331.
- Jorgensen, Hans, Thermostatic suction pressure regulator for refrigeration installations. 2,739,674, 8-21-56, Cl. 256-92.
- Jorgensen, Jacob C., to United Shoe Machinery Corp., Machines for shaping uppers over lasts. 2,736,046, 2-28-56, Cl. 12-10.4.
- Jorgensen, Jesse, Hair oil dispensing comb. 2,755,807, Cl. 132-116.
- Jorgensen, Julius, and A. R. Buchholz, to Brandt Automatic Cashier Co., Receiptable loader. 2,743,563, 5-1-56, Cl. 53-160.
- Jorgensen, Robert A., to Washington Steel Products, Inc., Friction door catch. 2,767,003, 10-16-56, Cl. 292-70.
- Jorgensen, Robert A., and S. H. Carlson, to Washington Steel Products, Inc., Adjustable hanger for sliding doors. 2,761,172, 9-4-56, Cl. 16-105.
- Jorgensen, Roy C., to The Dow Chemical Co., Galvanic anode installation. 2,775,554, 12-25-56, Cl. 204-197.
- Jorgensen, Gerald A., to Read Standard Corp., Bread depanner. 2,747,733, 6-29-56, Cl. 214-308.
- Joriman, Clarence B., and R. M. Williams, Blower and drier. 2,764,667, 9-25-56, Cl. 219-39.
- Joris, George G., to Allied Chemical & Dye Corp., Producing ammonium nitrite and ammonium hydroxylamine disulfonate by a nitro gas absorption process. 2,752,224, 6-26-56, Cl. 23-104.
- Joris, George G., to Allied Chemical & Dye Corp., Dehydration of dimethyl phenyl carbinols. 2,756,262, 7-24-56, Cl. 260-669.
- Joris, George G., to Allied Chemical & Dye Corp., Recovery of phenol and alpha hydrostyrene from cumene oxidation reaction mixtures. 2,757,209, 7-31-56, Cl. 260-621.
- Joris, George G., to Allied Chemical & Dye Corp., Process for preparation of para-alpha-cumyl phenol. 2,769,844, 11-6-56, Cl. 260-619.
- Joris, George G., and W. D. Griffin, to Allied Chemical & Dye Corp., Production of dimethyl phenyl carbinol. 2,743,300, 4-24-56, Cl. 260-618.
- Joris, George G., and A. J. Sweet, to Allied Chemical & Dye Corp., Process for making ammonium nitrite and ammonium hydroxylamine disulfonate. 2,772,145, 11-27-56, Cl. 23-104.
- Josam Mfg. Co.: See—  
Matheis, Aaron. 2,740,490.
- Joseph, Irwin S., Flexed plastic mirror. 2,733,637, 2-7-56, Cl. 88-96.
- Joseph, John G., Holder for phonograph album records. 2,744,615, 12-18-56, Cl. 281-20.
- Joseph, John L., Giant-size toy block. 2,751,705, 6-26-56, Cl. 46-24.
- Joseph, Matejka, to Dale Products, Inc., Carbon depositing furnace. Re. 2,743,103-56, Cl. 118-47.
- Joseph, Nicolas M.: See—  
Paul, Raymond E., Buission, and Joseph. 2,748,108.  
Paul, Raymond E., Buission, and Joseph. 2,765,346.
- Joseph, William J., deceased, by A. B. Bianchi, administrator, to The Dow Chemical Co., Manufacture of chlorinated hydrocarbons. 2,752,401, 6-26-56, Cl. 260-659.
- Josephson, Bert, to Royal Jalousie Co., Jalousie windows and doors. 2,751,641, 6-26-56, Cl. 20-62.
- Josephson, Louis R.: See—  
Lerner, George, and Josephson. 2,729,023.
- Josephson, Walter S., to Greene, Tweed & Co., Sealing device. 2,765,204, 10-2-56, Cl. 309-23.
- Joslin, Harry B., Awning shutter. 2,746,537, 5-22-56, Cl. 160-58.
- Joslin, Herbert A., Guard device for table saws and the like. 2,754,857, 7-17-56, Cl. 143-159.
- Joslyn Mfg. & Supply Co.: See—  
2-Smelley, Burton M. 2,740,827.  
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- Josselyn, Burnham: See—  
Espy, Melvin P., Pitman, and Josselyn. 2,730,380.
- Jost, Raymond C., Steering indicator. 2,754,499, 7-10-56, Cl. 29-282.
- Jourdain, André P., to Compagnie Internationale des Pieux Armes Frankignoul, Societe Anonyme, Device for boring wells in the ground. 2,730,329, 1-10-56, Cl. 255-4.8.
- Journal Box Servicing Corp.: See—  
Potter, Thomas W. 2,748,584.
- Journay, Glen E., to Monsanto Chemical Co., Preparation of cyanohydrins. 2,745,865, 5-15-56, Cl. 260-465.
- Journay, Glen E., to Monsanto Chemical Co., Preparation of cyanohydrins. 2,748,154, 5-29-56, Cl. 260-465.
- Journay, Glen E., to Monsanto Chemical Co., Cyanoethylation of ketones. 2,770,640, 11-13-56, Cl. 260-464.
- Journel, Jacques, Illumination of signs and the like. 2,762,951, 9-11-56, Cl. 315-182.
- Jovanovich, Dragoljub K., to McCulloch Motors Corp., Movement limiting means for blades of aircraft sustaining rotors. 2,742,098, 4-17-56, Cl. 170-160.55.
- Jovanovich, Dragoljub K., to McCulloch Motors Corp., Pitch control means for aircraft sustaining rotors. 2,753,004, 7-3-56, Cl. 170-135.24.
- Joy, Joseph E.: See—  
Gillespie, Henderson C., and Joy. 2,734,982.
- Joy, Joseph F., to Joy Mfg. Co., Reversible loop cutter type longwall miner. 2,730,346, 1-10-56, Cl. 262-30.
- Joy, Joseph F., to Joy Mfg. Co., Mining machine cutter bit. 2,732,198, 1-24-56, Cl. 262-33.
- Joy, Joseph F., to Joy Mfg. Co., Universal cutter chain for mining machines. 2,733,906, 2-7-56, Cl. 262-33.
- Joy, Joseph F., to Joy Mfg. Co., Conveyor mechanism for mining apparatus. 2,737,287, 3-6-56, Cl. 198-109.
- Joy, Joseph F., to Joy Manufacturing Co., Mobile brattice machine and ramp for mines. 2,738,179, 3-13-56, Cl. 262-34.
- Joy, Joseph F., to Joy Mfg. Co., Shuttle-loader. 2,739,722, 3-27-56, Cl. 214-518.
- Joy, Joseph F., to Joy Mfg. Co., Tail-gate responsive, unloading conveyor for shuttle loaders. 2,739,723, 3-27-56, Cl. 21-519.
- Joy, Joseph F., to Joy Mfg. Co., Drill. 2,741,461, 4-10-56, Cl. 255-47.
- Joy, Joseph F., to Joy Mfg. Co., Reversible longwall miner. 2,742,272, 4-17-56, Cl. 262-9.
- Joy, Joseph F., to Joy Mfg. Co., Cutting device arrangement for guided reciprocation parallel to a face conveyor. 2,751,206, 6-19-56, Cl. 262-9.
- Joy, Joseph F., to Joy Mfg. Co., Mining and loading apparatus. 2,752,140, 6-26-56, Cl. 262-9.
- Joy, Joseph F., to Joy Mfg. Co., Disintegrating head mechanism for a mining apparatus. 2,752,142, 6-26-56, Cl. 262-20.
- Joy, Joseph F., to Joy Mfg. Co., Mining and loading machine with pivotally connected front and rear base sections. 2,752,143, 6-26-56, Cl. 262-29.
- Joy, Joseph F., to Joy Mfg. Co., Apparatus for mine roof control. 2,752,757, 7-3-56, Cl. 61-45.
- Joy, Joseph F., to Joy Mfg. Co., Mine roof support-equipped mining apparatus. 2,753,036, 7-3-56, Cl. 198-10.
- Joy, Joseph F., to Joy Mfg. Co., Adjustable loop cutter for mining machines. 2,753,169, 7-3-56, Cl. 262-30.
- Joy, Joseph F., to Joy Mfg. Co., Variable displacement pump. 2,754,765, 7-17-56, Cl. 103-120.
- Joy, Joseph F., to Joy Mfg. Co., Extensible flexible shaker conveyor. 2,756,871, 7-31-56, Cl. 198-220.
- Joy, Joseph F., to Joy Mfg. Co., Slack ejector mechanism for a coal cutting machine. 2,756,979, 7-31-56, Cl. 262-30.
- Joy, Joseph F., to Joy Mfg. Co., Mining machine cutter bit. 2,762,617, 9-11-56, Cl. 262-33.
- Joy, Joseph F., to Joy Mfg. Co., Steerable traction wheel and drive mechanism therefor. 2,767,800, 10-23-56, Cl. 180-26.
- Joy, Joseph F., to Joy Mfg. Co., Loop cutter chain guide and drive structure. 2,769,627, 11-6-56, Cl. 262-29.
- Joy, Joseph F., to Joy Mfg. Co., Mining machine cutter bit. 2,769,628, 11-6-56, Cl. 262-33.
- Joy, Joseph F., to Joy Mfg. Co., Pilot controlled piston type reversing valve. 2,771,907, 11-27-56, Cl. 137-622.
- Joy Mfg. Co.: See—  
Bailey, Norman I. 2,735,992.  
Ball, Charles F. 2,730,330.  
Ball, Charles F. 2,737,284.  
Ball, Charles F. 2,739,790.  
Ball, Charles F. 2,742,880.  
Ball, Charles F. 2,744,740.  
Ball, Charles F. 2,745,637.  
Ball, Charles F. 2,753,971.  
Ball, Charles F. 2,771,958.  
Ball, Charles F., and Hair. Re. 2,717,878.  
Barrett, Arthur L. 2,737,378.  
Barrett, Arthur L. 2,749,104.  
Barrett, Arthur L. 2,751,207.  
Barrett, Arthur L. 2,751,209.  
Barrett, Arthur L. 2,756,038.  
Barrett, Arthur L. 2,756,039.  
Barrett, Arthur L. 2,760,767.  
Bebinger, Charles N. 2,753,984.  
Bebinger, Charles N. 2,753,985.  
Bebinger, Charles N. 2,758,701.  
Calder, Alexander W. 2,756,034.  
Calder, Alexander W. 2,766,979.  
Collins, Samuel C. 2,732,691.  
Collins, Samuel C. 2,732,692.  
Collins, Samuel C. 2,732,693.  
Collins, Samuel C. 2,737,022.  
Collins, Samuel C. 2,763,137.  
Densmore, Neal W. 2,773,584.  
Frellsen, Carlton B. 2,742,922.  
Gehlsen, Reimer G. 2,735,990.  
Goodrich, Ross H. 2,749,102.  
Goodrich, Ross H., and Shoulders. 2,749,101.  
Green, Willard E. 2,768,040.  
Hale, Ralph F. 2,730,332.  
Hale, Ralph F. 2,766,012.  
Hopkins, Richard J. 2,762,492.  
Hopkins, Glenn D. 2,771,956.  
Joy, Joseph F. 2,730,346.  
Joy, Joseph F. 2,732,198.  
Joy, Joseph F. 2,733,906.  
Joy, Joseph F. 2,737,287.  
Joy, Joseph F. 2,738,179.  
Joy, Joseph F. 2,739,722.  
Joy, Joseph F. 2,739,723.  
Joy, Joseph F. 2,741,461.  
Joy, Joseph F. 2,742,272.  
Joy, Joseph F. 2,751,206.

- Joy Mfg. Co.: *See*—Continued  
 Joy, Joseph F. 2,752,140.  
 Joy, Joseph F. 2,752,142.  
 Joy, Joseph F. 2,752,143.  
 Joy, Joseph F. 2,752,757.  
 Joy, Joseph F. 2,753,030.  
 Joy, Joseph F. 2,753,109.  
 Joy, Joseph F. 2,754,705.  
 Joy, Joseph F. 2,756,871.  
 Joy, Joseph F. 2,756,979.  
 Joy, Joseph F. 2,762,617.  
 Joy, Joseph F. 2,767,800.  
 Joy, Joseph F. 2,767,827.  
 Joy, Joseph F. 2,769,622.  
 Joy, Joseph F. 2,771,907.  
 Merck, John, and Dalmaso. 2,756,869.  
 Ostrak, Joseph. 2,746,024.  
 Paget, Win W. 2,737,839.  
 Paget, Win W. 2,746,329.  
 Paget, Win W. 2,760,392.  
 Potvin, Raoul. 2,735,667.  
 Rollins, Lester G. 2,749,763.  
 Russell, John D. 2,744,807.  
 Russell, John D. 2,751,208.  
 Russell, John D. 2,756,868.  
 Russell, John D. 2,758,550.  
 Russell, John D. 2,765,829.  
 Russell, John D. and Felderman. 2,756,867.  
 Sibley, John R. 2,744,614.  
 Sibley, John R. 2,749,105.  
 Sibley, John R. 2,751,204.  
 Silver, Harold E. 2,766,030.  
 Simmons, Leon E. 2,772,694.  
 Simpson, James H. 2,735,991.  
 Steele, Edson B. 2,736,546.  
 Swann, Raymond A. 2,748,359.  
 Zaur, Alex O. 2,748,359.  
 Joy, Richard. Monorail-type conveyor with disengageable drive. 2,751,852, 6-26-56, Cl. 104—94.  
 Joy, van Beuren H., to Lyndhurst Chemical Corp. Method of making phthalate esters. 2,760,972, 8-28-56, Cl. 260—475.  
 Joyal, Armand A. Wood working jig. 2,766,785, 10-16-56, Cl. 144—136.  
 Joyce, Asa W., to American Cyanamid Co. Vat dyestuffs of the phthaloylcarbazole triazine series. 2,729,633, 1-3-56, Cl. 230—247.  
 Joyce, Bradford T., and A. F. Krueger, to Electronics Corp. of America. Fire and explosion detection apparatus. 2,762,034, 9-4-56, Cl. 340—227.  
 Joyce-Cridland Co. The: *See*—  
 Hott, Ion V. K. 2,763,285.  
 Hott, Ion V. K., and Berk. 2,733,777.  
 Hott, Ion V. K., and Goldwiz. 2,742,257.  
 Joyce, Don R. Throttle controller for automotive vehicles. 2,732,729, 1-31-56, Cl. 74—526.  
 Joyce, Glover C.: *See*—  
 Narel, Joseph W., and Joyce. 2,748,544.  
 Narel, Joseph W., and Joyce. 2,749,674.  
 Joyce, Glover C., to Norton Co. Grinding machine-work loader. 2,771,716, 12-27-56, Cl. 51—105.  
 Joyce, John R., to Shell Development Co. Vortex apparatus for liquid and gas. 2,750,169, 6-12-56, Cl. 261—49.  
 Joyce, John R., to Shell Development Co. Apparatus for mixing a liquid and a gas. 2,750,170, 6-12-56, Cl. 261—50.  
 Joyce, Michael J. Hydraulic power apparatus. 2,756,962, 7-31-56, Cl. 253—26.  
 Joyce, Robert M., Jr.: *See*—  
 Berry, Kenneth L., Joyce, and Kirby. 2,757,098.  
 Joyet, Edouard. Machine for mining foodstuff. 2,736,092, 2-28-56, Cl. 30—307.  
 Joyner, Bobby L.: *See*—  
 Heibel, Jerome D., and Joyner. 2,760,314.  
 Joyner, Bobby L., to Erie Resistor Corp. Method of coating thin flat dielectric plates. 2,748,032, 5-29-56, Cl. 117—21.  
 Joyner, Frederick B., and N. H. Shearer, Jr., to Eastman Kodak Co. Preparation of monomeric  $\alpha$ -cyanoacrylates. 2,756,251, 7-24-56, Cl. 260—465.4.  
 Joysen, Jack F., to Turco Products, Inc. Apparatus for cleaning tanks and the like. 2,746,065, 10-9-56, Cl. 290—18.  
 Jozif, Josef. Combined starting and gear control device for motor-cycles. 2,746,444, 5-22-56, Cl. 123—179.  
 Jubb, Albert, to Rolls-Royce Ltd. Gas-turbine engine fuel system having a variable delivery pump and means to control the fuel delivery. 2,764,231, 9-25-56, Cl. 158—36.4.  
 Jucker, Ernst: *See*—  
 Stoll, Arthur, Jucker, and Lindenmann. 2,746,976.  
 Stoll, Arthur, Jucker, and Lindenmann. 2,774,773.  
 Jucker, Julius. Electromagnetic relays. 2,755,356, 7-17-56, Cl. 200—194.  
 Juda, Walter, to Ionics, Inc. Water hardness measurement-method and apparatus. 2,736,637, 2-28-56, Cl. 23—230.  
 Juda, Walter, to Ionics, Inc. Construction of cells for electro-dialysis. 2,741,595, 4-10-56, Cl. 204—301.  
 Juda, Walter, and A. Kasper, to Ionics, Inc. Electrically conductive membranes and the like comprising condensation polymers containing polyalkylene polyamines. 2,731,425, 1-17-56, Cl. 260—21.  
 Juda, Walter, and W. A. McRae, to Ionics, Inc. Production of drinking water. 2,752,306, 6-26-56, Cl. 204—151.  
 Juda, Walter, and W. A. McRae, to Ionics, Inc. Electrolytic transfer of salts. 2,767,133, 10-16-56, Cl. 204—93.  
 Juda, Walter, and W. A. McRae, to Ionics, Inc. Frequency meter. 2,770,776, 11-13-56, Cl. 324—78.  
 Judd, Edwin B., to General Electric Co. Refrigerator control system. 2,770,952, 11-20-56, Cl. 62—4.  
 Judd, Elroy P. Pump having radial intake and centrifugal discharge. 2,766,697, 10-16-56, Cl. 103—88.  
 Judd, Oliver S., to Minnesota Mining and Mfg. Co. Method of finishing wood surfaces. 2,765,598, 10-9-56, Cl. 51—281.  
 Judd, Sebastian F., and H. W. Protzeller, deceased, by S. F. Judd, executor, to Railway Ballast Engineers, Inc. Suspension means for railway ballast cleaning apparatus. 2,747,850, 5-29-56, Cl. 262—2.  
 Judelson, Oscar L., Inc.: *See*—  
 Judelson, David N. 2,753,823.  
 Judelson, David N. 2,773,734.  
 Judelson, David N. Bias-cutting machine. 2,743,776, 5-1-56, Cl. 164—61.  
 Judelson, David N., to Oscar I. Judelson, Inc. Seam-opener. 2,753,823, 7-5-56, Cl. 113—217.  
 Judelson, David N. Slicing and fusing apparatus. 2,756,819, 7-31-56, Cl. 164—39.  
 Judelson, David N., to Oscar I. Judelson, Inc. Bias cutting machine. 2,772,784, 12-4-56, Cl. 164—61.  
 Judge, Thomas J., to General Railway Signal Co. Block signalling system for railroads. 2,739,231, 3-20-56, Cl. 246—33.  
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 Wright, Leroy D., and Judkins. 2,771,600.  
 Judovich, Bernard D. Bed with lumbar traction apparatus. 2,774,349, 12-18-56, Cl. 128—71.  
 Judovich, Joel I. Self-adjusting, swivel traction halter for the head and jaw. 2,740,399, 4-3-56, Cl. 128—75.  
 Judson, Albert L., to Iron Fireman Mfg. Co. Gyroscope casing system. 2,729,978, 1-10-56, Cl. 74—3.1.  
 Judson, Albert L., to Iron Fireman Mfg. Co. Gyroscope. 2,772,570, 12-4-56, Cl. 74—5.43.  
 Judson, Albert L., to Iron Fireman Mfg. Co. Limit control. 2,775,147, 12-4-56, Cl. 200—83.  
 Judson, Albert L., and E. E. Lach, to Iron Fireman Mfg. Co. Time delay program relay. 2,744,573, 5-8-56, Cl. 161—1.  
 Judson, Charles A.: *See*—  
 Judson, William H., and C. A. 2,740,394.  
 Judson, Paul. Window construction. 2,732,593, 1-31-56, Cl. 20—4.  
 Judson, William H., and C. A. Engine and supercharger assembly. 2,740,394, 4-3-56, Cl. 123—196.  
 Jue, Lawrence S. Dehumidifying apparatus. 2,763,132, Cl. 62—56.  
 Juell, Fredrik. Process for the separation of suspended material from water by flotation and apparatus therefor. 2,765,919, 10-9-56, Cl. 210—53.  
 Juengerkes, Herman A., to H. M. Storms Co. Typewriter ribbons. 2,759,586, 9-18-56, Cl. 197—172.  
 Juergens, Benno F.: *See*—  
 Perilhou, Jean R., Jonker, and Juergens. 2,736,837.  
 Perilhou, Jean R., Jonker, and Juergens. 2,736,890.  
 Juergens, John. Automobile safety lamp. 2,772,406, 12-17-56, Cl. 340—32.  
 Juffa, Hans. Capillary tube for measuring instruments. 2,729,977, 1-10-56, Cl. 73—371.  
 Jubasz, Stephen, to The Air Preheater Corp. Parallel and counterflow of air in preheater. 2,769,619, 11-6-56, Cl. 20—4.  
 Juhola, Carl: *See*—  
 Derrah, Norman S., and Juhola. 2,752,471.  
 Juhola, Carl, and H. C. Maxfield, to United Shoe Machinery Corp. Apparatus for dielectric heat seam bonding. 2,766,467, 10-16-56, Cl. 12—33.2.  
 Jukes, Alan W.: *See*—  
 Birley, Arthur W., Crawford, and Jukes. 2,730,518.  
 Jukkola, Walfrid W., and R. W. J. Lewis, said Jukkola assor. to Dorr-Oliver Inc., and said Lewis assor. to Aluminum Co. of Canada, Ltd. Process for calcining finely divided alumina hydrate. 2,750,258, 6-12-56, Cl. 23—142.  
 Jules, Leonard H.: *See*—  
 Sahyun, Melville, Faust, and Jules. 2,729,678.  
 Sahyun, Melville, Faust, and Jules. 2,744,916.  
 Sahyun, Melville, Faust, and Jules. 2,754,327.  
 Sahyun, Melville, Faust, and Jules. 2,753,096.  
 Synherholm, Martin E., Jules, and Sahyun. 2,731,471.  
 Julian, Herman: *See*—  
 Hartzell, Herman L., Redick, and Julian. 2,769,047.  
 Julian, Percy L., J. W. Cole, E. W. Meyer, and W. J. Karpel, to The Glidden Co. 2,752,339, 6-26-56, Cl. 260—239.55.  
 Julian, Percy L., H. T. Iveson, and S. B. Radlove, to The Glidden Co. Hydroxylation of vegetable oils and products thereof. 2,752,376, 6-26-56, Cl. 260—405.  
 Julian, Percy L., and H. T. Iveson, to The Glidden Co. Hydration method of refining glyceride oils. 2,752,378, 6-26-56, Cl. 260—425.  
 Julian, Percy L., H. T. Iveson, and S. B. Radlove, to The Glidden Co. Synergistic compositions of matter comprising the alcohol-soluble moiety of vegetal lecithin. 2,773,771, 12-11-56, Cl. 99—15.  
 Julian, Percy L., and J. G. Klein, to The Glidden Co. Process for dehalogenating steroids. 2,773,867, 12-11-56, Cl. 260—239.47.  
 Juliano, Benjamin R.: *See*—  
 Surmatits, Joseph D., and Juliano. 2,732,396.  
 Julien, Arlie P.: *See*—  
 Cady, William R., Julien, and Saunders. 2,764,472.  
 Julien, Glendon H.: *See*—  
 Mills, Jim W. 2,771,073.  
 Julin, Zeniph J. Universal double torque engine. 2,757,547, 8-7-56, Cl. 74—131.



- Julius, Awdry F., to Automatic Totalisators Ltd. Doubles ticket issue mechanism for race totalisators. 2,732,794, 1-31-56, Cl. 101-66.
- Julie, Joseph T., to The Singer Mfg. Co. Shirring device. 2,773,463, 12-11-56, Cl. 112-132.
- July, Albert H., to H. M. July. Clotheshine prop. 2,742,253, 4-17-56, Cl. 248-353.
- July, George, E. B. Knott, and F. Pollak, to Eastman Kodak Co. Hardening of gelatin. 2,732,316, 1-24-56, Cl. 117-62.
- July, Hazel M.: *See*—
- July, Albert. 2,742,253.
- June, David L. Flexible moisture attachment for cigarette cases. 2,740,683, 4-3-56, Cl. 312-31.
- Jung, Jean-Pierre: *See*—
- Hindermann, Peter, and Jung. 2,750,377.
- Hindermann, Peter, and Jung. 2,760,967.
- Hindermann, Peter, and Jung. 2,773,955.
- Jung, John J., to General Patent Corp. Cartridge fuse holder. 2,767,283, 10-16-56, Cl. 200-133.
- Jung-Sol Electric Inc.: *See*—
- Mayer, Donald W. 2,762,943.
- Junge, Albert E.: *See*—
- Lytle, William O., and Junge. 2,740,731.
- Jungbans, Helmut. Device for prevention of overhearing of telephone conversations. 2,754,377, 7-10-56, Cl. 179-188.
- Jungbans, Helmut, and L. Hartner, to Gebrüder Jungbans A. G. Energy equalizing system for spring operated mechanisms. 2,731,790, 1-24-56, Cl. 58-45.
- Jungbans, Helmut, and P. Jahn. Striking clock. 2,742,875, 4-24-56, Cl. 116-169.
- Jungbans, Helmut, K. von Zeppelin, and J. Müller, to Bulova Watch Co. Inc. Automatic winding mechanism for wrist watches. 2,758,489, 8-14-56, Cl. 74-812.
- Jungblach, Siegfried. Method of continuous casting. 2,732,601, 1-31-56, Cl. 22-200.1.
- Jungblach, Siegfried. Process for continuous casting of metal billets. 2,747,245, 5-29-56, Cl. 22-200.1.
- Jungblach, Vernon H., G. H. Hanken, and H. T. Robinson, to Eastman Kodak Co. Interlock control system for motor and transmission of projector. 2,750,810, 6-19-56, Cl. 74-472.
- Junior Achievement, Inc.: *See*—
- Zody, Forrest F., Key, and Taylor. 2,772,720.
- Junior Tool Co.: *See*—
- Schwenden, Carl A. 2,752,514.
- Junker, Emilie. Process for the production of a templet for the machining of piston rings to a predetermined shape on a copying turner's lathe. 2,741,017, 4-10-56, Cl. 29-156.63.
- Junker, Otto, to O. Junker. Electric induction heating plant and a method of connecting it to a three-phase network. 2,741,690, 4-10-56, Cl. 219-10.75.
- Junkerthaler Gewerkschaft: *See*—
- Knipp, Erwin, and Geil. 2,742,683.
- Junkermann, Wolfgang, to The Babcock & Wilcox Co. Fluid heater furnace. 2,774,339, 12-18-56, Cl. 122-240.
- Junkins, Arthur H., to Admiral Corp. Electrical interlock. 2,732,413, 6-25-56, Cl. 174-50.
- Junkmann, Karl.: *See*—
- Kaspar, Emanuel, Pawlowski, Junkmann, and Schenck. 2,753,360.
- Junod, Samuel.: *See*—
- Beuchat, Roland, and Junod. 2,735,152.
- Beuchat, Roland, and Junod. 2,755,011.
- Jupiter, Jacob. Dancing doll. 2,754,121, 7-10-56, Cl. 272-57.
- Jurewicz, Barbara A. Hair-curler. 2,742,046, 4-17-56, Cl. 132-35.
- Jurgensen, Delbert F., Jr.: *See*—
- Hungerford, Gordon P., and Jurgensen. 2,734,510.
- Jurgensen, Delbert F., Jr., to American Machine & Foundry Co. Tobacco sheet material and method of making the same. 2,734,509, 2-14-56, Cl. 131-15.
- Jurisch, Peter L., to Douglas Aircraft Co., Inc. Flameholder. 2,760,339, 8-28-56, Cl. 60-39.72.
- Jurist, Alfred E., to Olin Mathieson Chemical Corp. Stable vitamin B<sub>2</sub> and soluble folic acid salt mixture. 2,748,054, 5-29-56, Cl. 167-81.
- Jurriane, Tom, and J. Horseling, to Hartford National Bank and Trust Co. Glow discharge tube. 2,733,372, 1-31-56, Cl. 313-185.
- Jurs, Peter C., to Shand and Jurs Co. Fluid pressure sealed diaphragm relief valve. 2,732,857, 1-31-56, Cl. 137-494.
- Jurs, Peter C., and R. V. Blake, to Shand and Jurs Co. Vacuum vent valve. 2,732,856, 1-31-56, Cl. 137-489.
- Jursch, Myron J., to National Aluminate Corp. Reduction of scale in steam boilers. 2,749,305, 6-5-56, Cl. 210-23.
- Juselius, Stig O.: *See*—
- Lindholm, Nils G. H., and Juselius. 2,764,019.
- Just, George A., to The Grand Union Co. Self-service computing dispenser. 2,760,319, 8-28-56, Cl. 53-167.
- Just, George A., to The Grand Union Co. Display and delivery stand. 2,769,551, 11-6-56, Cl. 211-49.
- Just, George A., and L. P. Shield, to The Grand Union Co. Nesting shopping cart. 2,766,049, 10-9-56, Cl. 280-33.99.
- Just, Thomas D.: *See*—
- Helm, Francis T., and Just. 2,748,012.
- Justi, H. D., & Son, Inc.: *See*—
- Cornell, John A., and Kemmler. 2,733,156.
- Cornell, John A., and Kemmler. 2,733,157.
- Justice, Ernest V. Page turning device. 2,755,580, 7-24-56, Cl. 40-104.
- Justice, John L., to American Viscose Corp. Process for preparing a viscose solution. 2,753,338, 7-3-56, Cl. 260-218.
- Justrite Mfg. Co.: *See*—
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- Justus, Edgar J., to Beloit Iron Works. Tension regulator and guide and control means therefor. 2,755,032, 7-17-56, Cl. 242-75.
- Juten, Milford A.: *See*—
- Ritchey, Donald D. 2,766,448.
- Juterbock, Edwin E., and D. S. McArthur, to Esso Research and Engineering Co. Determination of halogen in oil streams. 2,744,199, 5-1-56, Cl. 250-43.5.
- Juul, Alton O.: *See*—
- Modlin, Philip W. 2,736,138.
- Juve, Arthur E., and J. R. Beatty, to The B. F. Goodrich Co. Ozone test on rubber. 2,768,068, 10-23-56, Cl. 23-230.
- Juvinal, James W., to Ransburg Electro-Coating Corp. Method and apparatus for spray coating of articles. 2,744,033, 5-1-56, Cl. 117-93.
- Juvinal, James W., to Ransburg Electro-Coating Corp. Atomizing and coating system and method. 2,754,226, 7-10-56, Cl. 117-93.
- Juvinal, James W., to Ransburg Electro-Coating Corp. Spray coating apparatus and method. 2,759,763, 8-21-56, Cl. 259-63.
- Juvinal, James W., to Ransburg Electro-Coating Corp. Electrostatic atomizing and coating apparatus. 2,764,125, 9-25-56, Cl. 118-313.
- Juvinal, James W., to Ransburg Electro-Coating Corp. Apparatus for electrostatically atomizing liquid. 2,764,712, 9-25-56, Cl. 317-3.
- Juvinal, James W., to Ransburg Electro-Coating Corp. Apparatus for and method of conveying articles. 2,769,728, 11-6-56, Cl. 117-104.
- Juvinal, James W., and M. R. Miller, to Western Electric Co., Inc. Temperature-controlled soldering iron. 2,735,923, 2-21-56, Cl. 219-26.
- Juvinal, Robert C.: *See*—
- Curtis, Norman S., and Juvinal. 2,751,851.
- Juvinal, Robert C., and W. L. Smart, to Ransburg Electro-Coating Corp. Liquid feeding apparatus. 2,759,764, 8-21-56, Cl. 269-15.
- Juzenka, Israel M.: *See*—
- Poirier, Suzanne, and Juzenka. 2,754,517.
- K. A. C. Ltd.: *See*—
- Love, John. 2,749,167.
- KBH Corp.: *See*—
- Kirby, Carl D. 2,754,740.
- K and Z Machinery Corp.: *See*—
- Klein, Harry, and Zimmer. 2,751,059.
- Kaake, Elmer.: *See*—
- Genshaw, Roger M., and Kaake. 2,755,919.
- Kaarsmaker, Sjoerd, to Stamicarbon N. V. Preparation of oximes from  $\alpha$ -alkaliphatic nitrocompounds. 2,762,844, 9-11-56, Cl. 260-566.
- Kaarsmaker, Sjoerd, to Stamicarbon N. V. Preparation of oximes. 2,762,806, 10-23-56, Cl. 260-566.
- Kaasenbrood, Petrus J. C., to Stamicarbon N. V. Preparation of oximes from potassium sulphates. 2,771,486, 11-20-56, Cl. 260-505.
- Kaatz, Herbert W., and H. F. Eynart, to The American Crucible Products Co. Pump-motor unit. 2,743,673, 5-1-56, Cl. 103-87.
- Kabakoff, Joseph Z. Well cap structure. 2,760,579, 8-28-56, Cl. 168-75.
- Kabelitz, Hans, to Gebrüder Sucker G. m. b. H. Methods and apparatus for the processing of textile materials. 2,775,046, 12-25-56, Cl. 34-23.
- Käbisch, Gerhard, to Deutsche Gold- und Silber-Scheideanstalt vormals Roessler. Process for the production of trichloroacetonitrile. 2,745,868, 5-15-56, Cl. 260-465.7.
- Kabnick, Herbert H. Oral irrigator. 2,733,713, 2-7-56, Cl. 128-230.
- Kabushiki Kaisha Hokushin Denki Seisakusho.: *See*—
- Sasaki, Jun-ichi, Kobayashi, and Maeda. 2,786,856.
- Kacir, Ivan R.: *See*—
- Ward, Robert M., and Kacir. 2,764,458.
- Kaczka, Edward A., D. E. Wolf, and K. Folkers, to Merck & Co., Inc. Hydroxy analog of vitamin B<sub>2</sub> and processes for preparing the same. 2,738,301, 3-13-56, Cl. 167-81.
- Kaczka, Edward A., D. E. Wolf, and K. Folkers, to Merck & Co., Inc. Vitamin B<sub>2</sub> analogs and processes for preparing the same. 2,738,302, 3-13-56, Cl. 167-81.
- Kaczorek, Frank J.: *See*—
- Boble, Arthur C. 2,731,958.
- Kaddeland, Christen R.: *See*—
- Jacobson, Arthur G., and Kaddeland. 2,767,790.
- Kaddeland, Christen R., to Miehle Printing Press & Mfg. Co. Method of and means for registering and transferring lapped sheets. 2,754,118, 7-10-56, Cl. 271-53.
- Kadell, Alfred E., to National Steel Corp. Marked electrolytic tinplate and method for producing same. 2,770,872, 11-20-56, Cl. 239-196.4.
- Kadlec, Ladislav, to American Machine and Metals, Inc. Liquid filled magnetic compass. 2,775,045, 12-25-56, Cl. 33-223.
- Kadosch, Marcel, F. G. Paris, J. H. Bertin, and R. H. Marchal, to Societe Nationale d'Etude et de Construction de Moteurs d'Aviation. Flow control means for intermittent impulse ducts. 2,738,646, 3-20-56, Cl. 60-35.6.





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- Kalarf Co., Inc.: *See*—  
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- Kalb, Martin O.: *See*—  
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- Kalbach, Raymond B., to The Wool "O" Co. Braided rug and method of making same. 2,757,110, 7-31-56, Cl. 154-90.
- Kalberer, Otto F., to Industrial Tool & Machine Co. Protractor. 2,735,182, 2-21-56, Cl. 53-75.
- Kalberg, Victor N., to Scientific Oil Compounding Co., Inc. Solubilizing metal-8-hydroxy quinolates. 2,769,006, 10-30-56, Cl. 260-270.
- Kalberkamp, Herman J., to Mesta Machine Co. Metal rolling mills. 2,752,804, 7-3-56, Cl. 80-35.
- Kalbfleisch, Karl H.: *See*—  
Comstock, George E., 3rd, and Kalbfleisch, 2,764,543.  
Comstock, George E., 3rd, and Kalbfleisch, 2,772,282.
- Kalbow, Theodore W., to Western Electric Co., Inc. Fixture for holding a tubular article in a milling machine. 2,755,709, 7-24-56, Cl. 90-60.
- Kalbow, Theodore W., to Western Electric Co., Inc. Sectional induction heating coil. 2,756,315, 7-24-56, Cl. 219-10.79.
- Kalbow, Theodore W., and L. O. Reichelt, to Western Electric Co., Inc. Induction heating apparatus. 2,759,086, 8-14-56, Cl. 219-10.43.
- Kalbow, Theodore W., and L. O. Reichelt, to Western Electric Co., Inc. Rotatably device for cooling a part during a brazing operation. 2,768,595, 10-30-56, Cl. 113-98.
- Kalbow, Theodore W., and L. O. Reichelt, to Western Electric Co., Inc. Fixture for supporting and cooling articles during brazing. 2,768,596, 10-30-56, Cl. 113-98.
- Kalchbrenner, Walter S.: *See*—  
Hall, Lloyd A., and Kalchbrenner, 2,770,548.
- Kalfadellis, Charles D., to Standard Oil Co. Recovery of aromatic hydrocarbons from HF-BF<sub>3</sub> agent. 2,773,107, 12-4-56, Cl. 260-668.
- Kalhofer, Walter F., 50% to L. R. Van Sant. Football training machine. 2,733,191, 1-3-56, Cl. 273-55.
- Kalkow, Irving, to General Electric Co. Bearing mounting. 2,735,734, 2-21-56, Cl. 308-189.
- Kalkow, Irving, to General Electric Co. Dynamoelectric machine current collector shielding brushholder. 2,744,203, 5-5-56, Cl. 810-28.
- Kalkow, Irving, to General Electric Co. Deep well pump motor. 2,752,516, 6-26-56, Cl. 310-87.
- Kall, Emil O., S. G. Rumbold, and D. G. Vander Pool, to The M. W. Kellogg Co. Glow plug igniter structure. 2,758,441, 8-14-56, Cl. 60-39.52.
- Kallins, Lester W., to Sinclair Refining Co. Corrosion inhibitor containing alkanoyloxyacetic acid and method of using same. 2,731,324, 1-17-56, Cl. 21-2.5.
- Kalinowski, Mathew L.: *See*—  
Crews, Lowell T., and Kalinowski, 2,759,889.  
Crews, Lowell T., and Kalinowski, 2,769,841.  
Crews, Lowell T., Kalinowski, and MacLaren, 2,759,840.
- Kalinowski, Mathew L., to Standard Oil Co. Process for sweetening a hydrocarbon oil with an alkanol amine, sodium plumbite sulfur and air. 2,766,180, 10-9-56, Cl. 196-29.
- Kalinowski, Mathew L., and R. H. Brown, to Standard Oil Co. Doctor process using air and sulfur. 2,739,926, 8-27-56, Cl. 196-33.
- Kalinowski, Mathew L., L. T. Crews, and J. A. Bolt, to Standard Oil Co. Bituminous composition. 2,753,274, 7-3-56, Cl. 106-273.
- Kalinowski, Mathew L., and R. F. Schnaith, to Standard Oil Co. Copper sweetening of cracked naphthas and stabilizing the sweetened naphtha with an amine. 2,768,885, 10-30-56, Cl. 44-74.
- Kalinowski, Mathew L., and G. H. Meguerian, to Standard Oil Co. Air-caustic sweetening. 2,771,403, 11-20-56, Cl. 196-29.
- Kalinowski, Mathew L., and J. A. Bolt, to Standard Oil Co. Reduction of copper corrosivity of sweet oils. 2,771,405, 11-20-56, Cl. 196-32.
- Kalinowski, Mathew L., and L. T. Crews, to Standard Oil Co. Asphalt compositions. 2,772,179, 11-27-56, Cl. 106-273.
- Kalinowski, Mathew L., and G. H. Meguerian, to Standard Oil Co. Doctor process. 2,773,010, 12-4-56, Cl. 196-33.
- Kalinske, Anton A.: *See*—  
Koupal, Robert J., and Kalinske, 2,732,948.
- Kalinske, Anton A., to Inflico Inc. Corner sweeping means for clarification basins. 2,748,644, 6-5-56, Cl. 210-55.
- Kalish, Isaac. Automatic two-sides chalk sharpeners. 2,736,293, 2-28-56, Cl. 120-89.
- Kallita, Carl: *See*—  
Sherman, Clarence A., and Kallita, 2,768,052.
- Kalivertriebsstelle G. m. b. H.: *See*—  
Bachmann, Rudolf, 2,762,509.
- Kalix, John. Hydroelectric power units. 2,763,463, 9-18-56, Cl. 253-97.
- Kalkanis, James N. Ham holder for slicing ham. 2,736,355, 2-28-56, Cl. 146-218.
- Kalla, Joseph E.: *See*—  
Kalla, Joseph H. and J. E. 2,764,925.  
Kalla, Joseph H. and J. E. Rotary cultivator. 2,764,925, 10-2-56, Cl. 97-215.
- Kallal, George W.: *See*—  
Winter, John S., Kallal, and Mazzoni, 2,745,248.
- Källe, Karl T. Device for continuous supply of a liquid. 2,735,440, 2-21-56, Cl. 137-87.
- Kallmann, Heinz E., to the United States of America as represented by the Secretary of the Navy. Matchmeter. 2,762,973, 9-11-56, Cl. 324-58.
- Kallmeyer, Erich, and O. Will. Colorimeter for different medical investigations. 2,758,501, 8-14-56, Cl. 88-14.
- Kallus, Joseph L. Molds for making dolls composed of plastic material. 2,728,947, 1-3-56, Cl. 18-34.
- Kallur, Joseph. Molds for making dolls composed of plastic material. 2,728,948, 1-3-56, Cl. 18-34.
- Kallus, Joseph L. Method for producing molds for making dolls composed of plastic material. 2,728,980, 1-3-56, Cl. 29-453.
- Kalmbacher, Heinz: *See*—  
Kalmbacher, Hugo and Heinz, 2,769,414.
- Kalmbacher, Hugo and Heinz. Bookbinding method and means. 2,769,414, 11-6-56, Cl. 112-21.
- Kalmus, Henry P., and A. L. Hedrich, to the United States of America as represented by the Secretary of Commerce. Commutator switch for use in flow measurement apparatus. 2,752,435, 6-26-56, Cl. 200-26.
- Kalmus, Sylvester E., to Remle Musical Products, Inc. Collapsible landing net. 2,739,403, 8-27-56, Cl. 43-12.
- Kalousek, George L., to Owens-Illinois Glass Co. Method of manufacturing calcium silicate products. 2,745,008, 5-29-56, Cl. 106-120.
- Kaloyereas, Socrates A., to Board of Supervisors of Louisiana State University and Agricultural and Mechanical College. Process for preserving rough rice. 2,751,305, 6-19-56, Cl. 98-153.
- Kaltenbacher, Dominic M., to Bendix Aviation Corp. Phase rotator. 2,762,012, 9-4-56, Cl. 323-119.
- Kaltenberger, Lloyd H.: *See*—  
Derrick, James V., and Kaltenberger, 2,754,910.
- Kaman, Andrew J.: *See*—  
Stevens, Henry C., Kaman, and Sellers, 2,759,978.
- Kaman, Frank A., to Thor Power Tool Co. Switch actuating mechanism for electric tools. 2,744,176, 5-3-56, Cl. 200-61.85.
- Kaman, Frank A., to Thor Power Tool Co. Impact tools. 2,753,965, 7-10-56, Cl. 192-30.5.
- Kamborian, Jacob S. Progressive-type cement lasting machine. 2,738,045, 2-28-56, Cl. 12-1.
- Kamborian, Jacob S. Machine for operating on shoes. 2,740,141, 4-3-56, Cl. 12-13.3.
- Kamborian, Jacob S. Apparatus for stretching covering material about a rigid form and adhesively uniting it thereto. 2,757,944, 8-7-56, Cl. 12-1.
- Kamborian, Jacob S. Sole attaching machine. 2,770,822, 11-20-56, Cl. 12-36.8.
- Kamborian, Jacob S. Magnetic pad box. 2,770,823, 11-20-56, Cl. 12-38.
- Kamehameha Garment Co. Ltd.: *See*—  
Park, Mildred, 2,768,382.
- Kamen, Martin D.: *See*—  
Carter, James M., and Kamen, 2,758,006.
- Kamen, Martin D., and A. De Haan, Jr., to the United States of America as represented by the United States Atomic Energy Commission. Processes of recovering uranium. 2,761,757, 9-4-56, Cl. 29-14.5.
- Kamen, Martin D., and A. De Haan, Jr., to the United States of America as represented by the United States Atomic Energy Commission. Improved uranium recovery and purification processes. 2,771,340, 11-20-56, Cl. 23-14.5.
- Kamphorst, Joseph L. and H. E. Antle, to Phillips Petroleum Co. Ammonium nitrate prill. 2,739,036, 8-20-56, Cl. 23-103.
- Kamin, Sam. Multiple conduit hose. 2,743,960, 5-1-56, Cl. 299-104.
- Kamin, Sam. Bed post light. 2,744,186, 5-1-56, Cl. 240-4.
- Kamlet, Jonas, to The Kamlet Laboratory. Process for oxidizing nitrosyl chloride. 2,731,329, 1-17-56, Cl. 23-219.
- Kamlet, Jonas. Process for the manufacture of benzoquinone. 2,731,478, 1-17-56, Cl. 260-396.
- Kamlet, Jonas. Process for the manufacture of acetylsalicylic acid. 2,731,492, 1-17-56, Cl. 260-480.
- Kamlet, Jonas, to National Distillers Products Corp. Process for the manufacture of dimethylglyoxime and diacetyl. 2,732,404, 1-24-56, Cl. 260-566.
- Kamlet, Jonas, to The Goodyear Tire & Rubber Co. Manufacture of hydrogen peroxide. 2,734,798, 2-14-56, Cl. 22-1.
- Kamlet, Jonas, to National Distillers Products Corp. Process for the manufacture of titanium tetrachloride. 2,761,760, 9-4-56, Cl. 23-87.
- Kamlet, Jonas. Urea autocondensation products. 2,768,895, 11-20-56, Cl. 23-14.5.
- Kamlet Laboratory, The: *See*—  
Kamlet, Jonas, 2,731,329.
- Kamlukin, Igor, and K. C. Adams, to Allis-Chalmers Mfg. Co. Transmission and power take-off system for motor vehicles. 2,756,600, 7-31-56, Cl. 74-15.84.
- Kamm, Lawrence J. Electrical connectors. 2,731,611, 1-7-56, Cl. 97-24.
- Kamm, Lawrence J. Electrical assemblies. 2,748,321, 5-29-56, Cl. 317-101.
- Kamm, Lawrence J. Electrical connectors. 2,748,364, 5-29-56, Cl. 339-176.
- Kamm, Wunibald L. E., W. Krautter, and K. Staiger, to Stewart-Warner Corp. Resonant combustion device for heating engines and similar structures. 2,746,529, 5-22-56, Cl. 158-4.
- Kammer, Frank. Stop control for jaw crushers. 2,744,462, 5-8-56, Cl. 100-215.

- Kammerer, Archer W., to Rotary Oil Tool Co. Stage expandable rotary drill bits. 2,754,090, 7-10-56, Cl. 255-76.
- Kammerer, Archer W., to Rotary Oil Tool Co. On-rotatable retaining devices. 2,758,891, 8-14-56, Cl. 308-1.
- Kammerer, Archer W., Jr., to Rotary Oil Tool Co. Rotary expandable drill bits. 2,754,088, 7-10-56, Cl. 255-76.
- Kammerer, Archer W., Jr., to Rotary Oil Tool Co. Rotary expandable drill bits. 2,754,089, 7-10-56, Cl. 255-76.
- Kammerer, Archer W., Jr., to Rotary Oil Tool Co. Hydraulically expandable rotary drill bits. 2,755,070, 7-17-56, Cl. 255-76.
- Kammerer, Archer W., Jr., to Rotary Oil Tool Co. Apparatus for enlarging well bores. 2,755,071, 7-17-56, Cl. 255-76.
- Kammerer, Archer W., Jr., to Rotary Oil Tool Co. Casing and drill pipe protectors. 2,758,818, 8-14-56, Cl. 255-28.
- Kammerer, Archer W., Jr., to Rotary Oil Tool Co. Hydraulically expandable drill bits. 2,758,819, 8-14-56, Cl. 255-76.
- Kammerer, Archer W., Jr., to Rotary Oil Tool Co. Expandable rotary drill bits. 2,758,820, 8-14-56, Cl. 255-76.
- Kammermeyer, Karl, and D. W. Brubaker, to State University of Iowa. Permeability tester. 2,755,660, 7-24-56, Cl. 73-38.
- Kamp, Bernard V., to See—  
Wilson, Lawrence A., Kamo, and Luning. 2,770,459.
- Kamp, Johannes J., and J. Laurens, to Technisch Ontwikkelingsbureau voor de Industrie. (T. O. B. I.) N. V. Detector for an induction liquid flow meter. 2,771,771, 11-27-56, Cl. 73-194.
- Kamper, Mary A., to See—  
Wishon, Evis L. 2,733,779.
- Kampschmidt, Leon, and W. J. See—  
Boon, Johannes W. P., and Kampschmidt. 2,752,336.
- Kamuk, John. Bolt-holding wrench. 2,736,220, 2-28-56, Cl. 81-65.
- Kanarek, Irving A., and P. E. Friebenshauser, to North American Aviation Inc. Stabilized fuming nitric acid. 2,760,845, 8-28-56, Cl. 23-157.
- Kandarian, Belle A. Combined hammer and nail catcher. 2,768,809, 10-30-56, Cl. 254-26.
- Kandle, Charles W., to See—  
Lay, Walter H. 2,756,025.
- Kandolan, Armin G., to International Telephone and Telegraph Corp. Ultra-high frequency antenna system. 2,771,606, 11-20-56, Cl. 343-890.
- Kandolan, Armin G., and W. J. Wanczyk, to International Telephone and Telegraph Corp. Switching device. 2,760,016, 8-21-56, Cl. 200-6.
- Kane, Aston G. Manually adjustable operating table. 2,730,415, 1-10-56, Cl. 31-6.
- Kane, Elias, to General Electric Co. Three-phase transformer core. 2,761,107, 8-28-56, Cl. 336-3.
- Kane, Elizabeth B., to See—  
Blatz, Peter A. 2,758,425.
- Kane, Ernest M. Electric transducer. 2,752,558, 6-20-56, Cl. 23-64.
- Kane, Frank A., Jr. Device for intensifying electrical energy. 2,736,760, 2-28-56, Cl. 123-148.
- Kane, Frank A., Jr. Pipe coupling tool. 2,739,373, 3-27-56, Cl. 29-237.
- Kane, John C. Positive-lock take-up stud. 2,749,159, 6-5-56, Cl. 287-75.
- Kane, Laurence E., to Commercial Decal, Inc. Ceramic decalcomania and method of making same. 2,734,840, 2-14-56, Cl. 154-9.
- Kane, Roger H. Carpenter's board holding bracket. 2,770,271, 11-13-56, Cl. 144-297.
- Kanehl, Lester H., and W. C. Benson. Sportsman's towel. 2,754,632, 7-17-56, Cl. 35-1409.
- Kanelos, George A., 49% to S. J. Bacchini. Liquid feeder valve unit. 2,751,920, 6-26-56, Cl. 137-49.
- Kannak Textiles, Inc., to See—  
Slough, George G. 2,749,947.
- Kant, Edwin S., to See—  
Cutler, Wallace M., and Kant. 2,746,048.
- Kantor, Gerald J., to See—  
Kantor, Jack and G. J. 2,756,911.
- Kantor, Jack, and G. J. Display form for brassieres. 2,756,911, 7-31-56, Cl. 223-68.
- Kantor, Simon W., to See—  
Osthoff, Robert C., and Kantor. 2,749,318.
- Kantor, Simon W., to General Electric Co. Irradiation of octamethylcyclotrisiloxane and products thereof. 2,766,220, 10-9-56, Cl. 260-465.
- Kantor, Simon W., and R. C. Osthoff, to General Electric Co. Silicone fluids of improved lubricity. 2,753,365, Cl. 23-56, Cl. 260-448.
- Kantorowicz, Hans F., now by court order Hans F. Kent. Folding clothes drying frame with central support. 2,756,879, 7-31-56, Cl. 211-118.
- Kantz, John J., Jr., to The Great Lakes Tractor Co. Gearless differential drive. 2,756,615, 7-31-56, Cl. 74-650.
- Kanz, William C., to The Tappan Stove Co. Griddle. 2,766,683, 10-16-56, Cl. 99-425.
- Kao, Wilson S. Process for the extraction of fatty oils and proteins from oleaginous materials. 2,773,889, 12-11-56, Cl. 260-412.
- Kapella Ltd., to See—  
Reason, Richard E. 2,741,517.
- Reason, Richard E., Adams, and Coleman. 2,741,153.
- Kapenkin, Vladimir. Air valve with ring-type piston. 2,773,577, 12-11-56, Cl. 192-85.
- Kapf, Sixt F., and R. B. Jacobs, to Standard Oil Co. Apparatus for determining flash point. 2,752,776, 7-3-56, Cl. 73-38.
- Kapin, Martin L., to See—  
Davies, John W., Kapin, and Kothe. 2,731,864.
- Kaplan, Arthur H., to See—  
Wilkins, James M. 2,737,975.
- Kaplan, Bernard, and T. Chace, to Wyman-Gordon Co. and Baldwin-Lima-Hamilton Corp. Ventilating system for forging presses. 2,756,617, 7-31-56, Cl. 78-13.
- Kaplan, Harry L., and H. G. Singer. Sunshade. 2,731,637, 1-24-56, Cl. 2-9.
- Kaplan, Henry H., to See—  
Bloom, Eli H., and Kaplan. 2,765,534.
- Kaplan, Irving. Combined printing device and tape applicator. 2,764,934, 10-2-56, Cl. 101-332.
- Kaplan, Murray A., to See—  
Schwarz, Solomon, and Kaplan. 2,766,363.
- Kaplan, Murray A., to See—  
Fardig, Oliver B., and Kaplan. 2,754,295.
- Kaplan, Murray A., to Bristol Laboratories Inc. Plant growth stimulants containing water insoluble salts of penicillin. 2,749,230, 6-5-56, Cl. 71-24.
- Kaplan, Murray A., to Bristol Laboratories Inc. Production of penicillin employing media containing cytidine and cysteine. 2,768,117, 10-23-56, Cl. 195-36.
- Kaplan, Samuel, to The Rauland Corp. Cathode-ray tube coating. 2,732,314, 2-24-56, Cl. 117-33.5.
- Kaplan, Samuel, to Kastar Inc. Portable clothes hanger holder and carrier. 2,764,661, 5-22-56, Cl. 224-42.45.
- Kaplan, Sidney M., to General Electric Co. Automatic amplitude electron clamp. 2,747,779, 5-22-56, Cl. 343-17.1.
- Kaplan, Yale, and H. M. Ross, Jr., to H. Bodner. Dispensing containers for liquids. Re. 24,251, 12-4-56, Cl. 232-107.
- Kaplanowski, Stanley. Coin-operated meter for electrical energy. 2,751,124, 1-17-56, Cl. 194-6.
- Kaplowitz, Saul, to See—  
Weinrich, Abraham, and Kaplowitz. 2,729,866.
- Kapp, Roland, to See—  
Klein, Howard C., and Kapp. 2,743,284.
- Klein, Howard C., and Kapp. 2,744,934.
- Schasat, Kurt H., and Kapp. 2,775,628.
- Kapp, Numer M., and W. W. Weinrich, to the United States of America as represented by the United States Atomic Energy Commission. Recovery of free and combined nitric acid from metal nitrate liquors. 2,757,072, 7-31-56, Cl. 23-158.
- Kapp, Robert. Wiring assembly for fixed and removable components. 2,757,319, 7-31-56, Cl. 317-101.
- Kappeler, Markus, and A. Schweizer, to Sandoz A. G. Metal-coated polyazo dyestuffs. 2,749,333, 6-5-56, Cl. 260-145.
- Kappelmann, Benjamin O. Pickup trailer discharge conveyor. 2,743,832, 5-1-56, Cl. 214-519.
- Kaprelian, Edward K., to See—  
Jerome, Ivan, and Kaprelian. 2,737,844.
- Kaprelian, Edward K., to The Kalart Co. Inc. Photoflash equipment. 2,730,885, 1-17-56, Cl. 67-31.
- Kapusnyk, Frank. Boat having multiple floats. 2,775,218, 12-27-56, Cl. 114-61.
- Karasek, Francis W., to See—  
Burk, Marvin C., and Karasek. 2,761,974.
- Karcewski, Alfred S., to See—  
O'Brien, Stanley J., and Karcewski. 2,774,580.
- Karch, Walter C., to See—  
Pratt, Robert H., and Karch. 2,740,865.
- Karcher, Harry C., to General Motors Corp. Retractable afterburner. 2,768,498, 10-30-56, Cl. 60-39.72.
- Karcher, Harry C., to General Motors Corp. Engine extension shaft. 2,775,104, 12-25-56, Cl. 64-4.
- Karchmer, Jean H., and S. R. Bethea, to Esso Research and Engineering Co. Phosphoric acid polymerization process. 2,759,038, 8-14-56, Cl. 260-63.15.
- Kardaun, Georg, and W. van Loon, to Stamicarbon N. V. Process of and apparatus for firing finegrained little reactive fuels. 2,742,001, 4-17-56, Cl. 110-23.
- Karm, K. R. Insulation stripping attachment for soldering irons. 2,766,120, 9-18-56, Cl. 81-9.5.
- Karl, Horace E., to the United States of America as represented by the Secretary of the Navy. Torpedo depth control. 2,744,485, 5-8-56, Cl. 114-25.
- Karlitzky, John, to Diamond Expansion Bolt Co., Inc. One-piece collapsible steel metal bolt anchor. 2,762,252, 9-11-56, Cl. 85-24.
- Karlala, Urho N. Furnace flue area reducing damper or baffle structure. 2,746,406, 5-22-56, Cl. 110-97.
- Karl, Alfred. Process for dehydrating of tar. 2,775,541, 12-25-56, Cl. 196-5.
- Karl, Henry E., to See—  
Schroeder, Bernard F., and Karl. 2,732,966.
- Karl Kiefer Machine Co., The, to See—  
Fechheimer, Paul R. 2,760,704.
- Karlin, Irving. Electrical connection box. 2,782,090, 1-24-56, Cl. 220-3.2.
- Karlitsky, Abraham. Combined floor mop and wringer. 2,768,398, 10-30-56, Cl. 15-119.
- Karl, Robert E., to See—  
Sabot, Albert R., Fields, and Karl. 2,749,311.
- Karlson, John C., to Bendix Aviation Corp. Induction signal motor-operated differential transformer. 2,730,664, 1-10-56, Cl. 818-31.



- Karlson, John C., to Bendix Aviation Corp. Monitoring system for inductive signal devices. 2,731,630, 1-17-56, Cl. 340-268.
- Karlson, John C., to Bendix Aviation Corp. Amplifying system with stand-by channel. 2,773,944, 12-11-56, Cl. 75-9-171.
- Karlsson, Elof K.: *See—*
- Pool, Stuart D., and Karlsson. 2,738,638.
- Pool, Stuart D., and Karlsson. 2,748,552.
- Pool, Stuart D., and Karlsson. 2,762,491.
- Karlsson, Elof K., to International Harvester Co. Implement carrier. 2,743,784, 5-1-56, Cl. 130-53.
- Karlsson, Elof K., to International Harvester Co. Controlled movement for the knives in a combination cane stalk cutter and leaf stripper. 2,747,578, 5-29-56, Cl. 130-31.
- Karlsson, Elof K., and F. De Ford, to International Harvester Co. Metal fabricated cylinder bar and concave. 2,771,077, 11-20-56, Cl. 130-27.
- Karlstrom, Karl A. S. Vibrator. 2,730,902, 1-17-56, Cl. 74-87.
- Karlström, Karl A. S. Vibrator. 2,748,607, 6-5-56, Cl. 74-61.
- Karmazin, John. Method of making heat exchange unit. 2,773,301, 12-11-56, Cl. 29-157.3.
- Karnes, Herman F., and A. H. Gruber, to American Cyanamid Co. Recovery of excess acrylonitrile from the cyanoethylation of cotton by steam stripping. 2,731,401, 1-17-56, Cl. 202-6.
- Karns, Coolidge A., to United Engineering & Foundry Co. Cast iron alloy. 2,762,704, 9-11-56, Cl. 75-128.
- Karns, James A., to National Die Casting Co. Golf-club head. 2,766,047, 10-9-56, Cl. 273-164.
- Karobonik, Jack and Thelma. Safety cover for swimming pools. 2,754,899, 7-17-56, Cl. 160-37.
- Karobonik, Jack and Thelma. Safety pool cover. 2,754,900, 7-17-56, Cl. 160-37.
- Karobonik, Thelma: *See—*
- Karobonik, Jack and T. 2,754,899.
- Karobonik, Jack and T. 2,754,900.
- Karp, Albert H., to Mastic Creations, Inc. Hollow plastic container. 2,760,674, 8-28-56, Cl. 220-55.
- Karpel, William J.: *See—*
- Julian, Percy L., Cole, Meyer, and Karpel. 2,752,339.
- Karpen, S., & Bros., Inc.: *See—*
- Del Campo, Alphonse. 2,740,132.
- Karpf, Jerome C. Toy spectacles. 2,746,204, 5-22-56, Cl. 46-1.
- Karpf, Nikolaus. Photographic camera. 2,767,630, 10-23-56, Cl. 95-50.
- Karpf, Nikolaus, to V. Linhof. Holder for carriers of light sensitive emulsions. 2,770,178, 11-13-56, Cl. 95-66.
- Karpf, Nikolaus, to V. Linhof. Lens standard. 2,774,288, 12-18-56, Cl. 95-50.
- Karpovitz, Frank, to Anton Smit & Co. Inc. Abrasive wheel dressing tools. 2,738,784, Cl. 125-11.
- Karr, Alexander. Chum rig for fishing and crabbing. 2,742,730, 4-24-56, Cl. 43-50.
- Karr, Errol H., to The Pennsylvania Salt Mfg. Co. Preparation of perchlorates. 2,772,229, 11-27-56, Cl. 204-82.
- Karr, Leonard R. Water flow decoys. 2,746,196, 5-22-56, Cl. 43-3.
- Karr, Michael B.: *See—*
- Karr, William V., and M. B. 2,733,145.
- Karr, Michael J., to Atlas Press Co. Chuck for jig saws or the like. 2,735,685, 2-21-56, Cl. 279-44.
- Karr, Nathaniel A.: *See—*
- Bernstein, Allan C. Re. 24,209.
- Karr, William S., and A. F. Warren, to Abrams Aerial Survey Corp. Mosaic frame and method of making mosaic maps. 2,728,986, 1-3-56, Cl. 33-1.
- Karr, William V., and M. B. Corn cob absorbent and method of producing the same. 2,733,145, 1-31-56, Cl. 99-6.
- Karrer, Felix. Pump mount. 2,749,846, 6-12-56, Cl. 103-218.
- Karrer, Paul, and M. Visconti, to Hoffmann-La Roche Inc. Process for the preparation of riboflavin-5'-monophosphoric acid ester. 2,740,775, 4-3-56, Cl. 260-211.3.
- Karrer, Paul, and J. Kehrle, to Sandoz A. G. Nortropane derivatives. 2,748,132, 5-29-56, Cl. 260-292.
- Karrer, Paul, and J. Kehrle, to Sandoz A. G. Nortropanol esters. 2,748,133, 5-29-56, Cl. 260-292.
- Karron, Edward M. Method of making bag frames and blanks therefor. 2,751,956, 6-26-56, Cl. 150-29.
- Karsberg, Lars A. B., to Aktiebolaget Bofors. Safety device for a projectile. 2,773,449, 12-11-56, Cl. 102-76.
- Karsb., Herbert, to the United States of America as represented by the Secretary of the Navy. System for multiplexing facsimile. 2,730,563, 1-10-56, Cl. 178-5.
- Karsoe, Willart A. Stop mechanism for punch presses. 2,769,493, 11-6-56, Cl. 164-59.
- Karstens, Walter F., and T. J. Vidrick. Heated windshield wiper blade. 2,733,472, 2-7-56, Cl. 15-250.5.
- Kartenbeck, Werner, to Norddeutsche Affinerie. Process and apparatus for increasing the SO<sub>2</sub> content of converter gases. 2,768,062, 10-23-56, Cl. 23-177.
- Kartinos, Nicholas J., to General Aniline & Film Corp. Methine dyestuff intermediates. 2,766,260, 10-9-56, Cl. 260-347.4.
- Kartinos, Nicholas J., and J. B. Normington, to General Aniline & Film Corp. Polyimethine dyes for synthetic fibers. 2,766,233, 10-9-56, Cl. 260-240.
- Kartinos, Nicholas J., and A. C. Starke, Jr. Trifluoromethyl diphenylamine dyes. 2,769,816, 11-6-56, Cl. 260-340.3.
- Kartsher, Harry S., to Koebel Diamond Tool Co. Dressing tool and method. 2,741,240, 4-10-56, Cl. 125-11.
- Kary, Theodore: *See—*
- Shewey, Robert B., and Kary. 2,766,339.
- Kasak, Antonin J., to Bendix Aviation Corp. Cement application device. 2,770,217, 11-13-56, Cl. 118-410.
- Kasak, David, to Combustion Engineering, Inc. Dual furnace and steam temperature control therefor. 2,752,899, 7-3-56, Cl. 122-479.
- Kasdel, Lavern D.: *See—*
- Bessman, Eldon F., and Kasdel. 2,749,725.
- Kasdan, Nathan, to Majestic Metal Specialties, Inc. Lady's face powder compact. 2,746,462, 5-22-56, Cl. 132-83.
- Kasdan, Nathan, to Majestic Metal Specialties, Inc. Ladies' handbag. 2,775,280, 12-25-56, Cl. 150-28.
- Kasdan, Nathan. Metal bound box or basket. 2,775,361, 1-3-56, Cl. 220-55.
- Kase, Otto E., to Sperry Rand Corp. Field selection mechanism for record controlled machines. 2,751,985, 6-26-56, Cl. 164-115.
- Kase, Otto E., to Sperry Rand Corp. Wiring unit for punched record reproducing machine. 2,764,241, 9-25-56, Cl. 164-114.
- Kase, Otto E., and E. S. Rice, to Sperry Rand Corp. Card position selecting means. 2,764,410, 9-25-56, Cl. 271-60.
- Kasehagen, Leo, to Atlas Powder Co. Hydrogenation of monosaccharides. 2,749,371, 6-5-56, Cl. 260-635.
- Kasehagen, Leo, and M. M. Luskin, to Atlas Powder Co. Hexitols by hydrogenation of sucrose. 2,750,024, 8-14-56, Cl. 260-635.
- Käser, Fritz. Tool guiding device. 2,737,720, 3-13-56, Cl. 30-310.
- Kasey, John B. Method of treating rare earth ores. 2,755,747, 2-21-56, Cl. 23-16.
- Kask, Johannes. Somersault device. 2,751,707, 6-26-56, Cl. 46-134.
- Kask Technical Corp.: *See—*
- Kurata, Fred. 2,734,770.
- Kaslo, B. Sienberg Co.: *See—*
- Slovitt, Abraham. 2,763,079.
- Kaslow, Arthur L., and J. J. Saputo. Device for treating alimentary tract. 2,773,502, 12-11-56, Cl. 128-260.
- Kasner, Edward: *See—*
- Andresen, John H., Jr., and Kasner. 2,755,440.
- Kasner, Edmund E., H. Pawlowski, K. Junkmann, and M. Schenck, to Firma Schering A. G. Esters of 17 $\alpha$ -hydroxyprogesterone. 2,753,360, 7-3-56, Cl. 260-397.4.
- Kasparson, Lennart A., to Norton Co. Caliper mechanisms. 2,745,184, 5-15-56, Cl. 33-178.
- Kasper, Andrew A.: *See—*
- Juda, Walter, and Kasper. 2,731,425.
- Katz, William E., and Kasper. 2,760,152.
- Kasper, Cass S. Automatic feeder mechanism. 2,754,954, 7-17-56, Cl. 198-33.
- Kasper, Elmer J., to Royal Appliance Mfg. Co. Suction cleaning diverter valve construction. 2,757,753, 8-7-56, Cl. 183-36.
- Kaspor, Anne N.: *See—*
- Nordell, Carl H. 2,750,044.
- Kass, Sidney. Adjustable flower box. 2,732,091, 1-24-56, Cl. 220-8.
- Kassaban, Kenneth, to the United States of America as represented by the United States Atomic Energy Commission. Fuel charging machine. 2,756,858, 7-31-56, Cl. 193-2.
- Kassel, Louis S., to Universal Oil Products Co. Method and apparatus for manufacture of metallic pellets. 2,738,548, 3-20-56, Cl. 18-27.
- Kassel, Louis S., to Universal Oil Products Co. Hydrogenation of benzene to cyclohexane. 2,755,317, 7-17-56, Cl. 260-667.
- Kasselmann, George J.: *See—*
- Siekmann, Harold J., Kasselmann, and Okvit. 2,773,471.
- Kasser, Morris. Coating fruit. 2,752,250, 6-26-56, Cl. 99-188.
- Kasser, Morris. Cooling method and device. 2,774,230, 12-18-56, Cl. 62-169.
- Kast, Samuel H., to I-T-E Circuit Breaker Co. Quick break attachment for high voltage disconnecting switches. 2,750,490, 6-12-56, Cl. 200-48.
- Kastar Inc.: *See—*
- Kaplan, Samuel. 2,746,661.
- Kasten, Walter: *See—*
- Fricke, Guy C., and Kasten. 2,748,948.
- Kasten, Walter, to Bendix Aviation Corp. Fluid purifier. 2,756,890, 10-16-56, Cl. 210-183.
- Kasten, Walter, and A. M. Rohm, to Bendix Aviation Corp. Filter. 2,771,156, 11-20-56, Cl. 183-71.
- Kaster, Paul G. Convertible hopper and flat bed body. 2,768,021, 10-23-56, Cl. 296-10.
- Kastner, John J.,  $\frac{1}{2}$  to N. F. Wharton and  $\frac{1}{2}$  to W. H. Fiedler. Hydraulically actuated seat lifting apparatus. 2,752,986, 7-3-56, Cl. 155-88.
- Kastner, Karl. Cigarette making machine. 2,731,971, 1-24-56, Cl. 131-70.
- Kastner, Ledyard G., and G. R. Monaco, to The A. C. Gilbert Co. Toy car coupling with forked detent. 2,738,080, 3-13-56, Cl. 213-21.
- Kastory, Frank. Combination bumper and steering control for automobiles. 2,751,995, 6-26-56, Cl. 180-83.
- Kaszyński, Frank J. Gun compass attachment. 2,747,312, 5-29-56, Cl. 42-71.
- Katan, Earl: *See—*
- Chappuis, George F., and Katan. 2,745,471.

- Katchky, Max, and H. G. Byers. Directional wave antenna for marine radar use. 2,730,717, 1-10-56, Cl. 343-756.
- Kath, Alfred W., to Eli Lilly and Co. Capsule filling machine. 2,764,863, 10-2-56, Cl. 53-282.
- Kath, Alfred W., to Eli Lilly and Co. Capsule selector and recycler mechanism. 2,771,191, 11-20-56, Cl. 209-75.
- Kather, Erich N., to Raytheon Mfg. Co. Tunable magnetron device. 2,735,959, 2-21-56, Cl. 315-39.61.
- Kather, Erich N., and T. A. O. Gross, to Raytheon Mfg. Co. Voltage regulating apparatus. 2,750,555, 6-12-56, Cl. 323-22.
- Kato, Shoji, to National Merchandising Corp. Musical instrument. 2,770,159, 11-13-56, Cl. 84-404.
- Katryniak, Edward, to Rovex Scale Models Ltd. Model railroad track. 2,764,357, 9-25-56, Cl. 238-10.
- Katsube, Tatsu, to K. Matsukata. Feed product. 2,744,015, 5-5-56, Cl. 99-9.
- Katz, Grace M. Lipstick device. 2,751,914, 6-26-56, Cl. 132-79.
- Katz, Helmut, to Siemens & Halske Aktiengesellschaft. Dispenser type cathode having getter-coated parts. 2,741,717, 4-10-56, Cl. 313-178.
- Katz, Helmut, to Siemens & Halske Aktiengesellschaft. Cathode for electrical discharge device. 2,750,527, 6-12-56, Cl. 313-346.
- Katz, Helmut, to Siemens & Halske Aktiengesellschaft. Cathodes for electrical discharge devices. 2,774,916, 12-18-56, Cl. 315-94.
- Katz, Helmut, and K. L. Rau, to Siemens & Halske Aktiengesellschaft. Cathodes for electrical discharge devices. 2,761,993, 9-4-56, Cl. 313-33.
- Katz, Joseph M., E. Hurst, and A. Jakubczak, to General Ceramics Corp. Porcelain enameling. 2,772,187, 11-27-56, Cl. 117-129.
- Katz, Leo. Self-cooling container. 2,759,337, 8-21-56, Cl. 92-94.
- Katz, Leon. See—  
Puetzer, Bruno, Katz, and Horwitz. 2,775,599.
- Katz, Leon, to Schenley Industries, Inc. Crystallization of dihydrostreptomycin sulphate. 2,744,892, 5-8-56, Cl. 260-210.
- Katz, Leon, to Schenley Industries, Inc. Bactericidal and fungicidal compounds. 2,767,173, 10-16-56, Cl. 260-240.
- Katz, Leon, and W. Schroeder, to Schenley Industries, Inc. Process for the production of N-benzylidene and N-quinolyl-methylene-substituted 2-aminobenzisothiazolones. 2,767,172, 10-16-56, Cl. 260-240.
- Katz, Leon, and W. Schroeder, to Schenley Industries, Inc. N-benzylidene and N-quinolylmethylene-substituted 2-aminobenzisothiazolones and process for their preparation. 2,767,174, 10-16-56, Cl. 260-240.
- Katz, Leonhard. See—  
Haagens, Robert G., and Katz. 2,770,785.
- Westcott, Vernon C., Katz, and Schiff. 2,750,566.
- Katz, Philip W. See—  
Radel, Aaron A., and Katz. 2,756,816.
- Katz, Robert M., Milner, and M. R. Lee. X-ray grain inspection apparatus. 2,737,594, 3-6-56, Cl. 250-53.
- Katz, Sara S. Necktie protector. 2,747,192, 5-29-56, Cl. 2-46.
- Katz, William E., and A. A. Kasper, to Ionics, Inc. Indicator for the demineralization of water. 2,760,152, 8-21-56, Cl. 324-30.
- Katzberg, Jesse, to Gera Corp. Emissive cathode. 2,757,308, 7-31-56, Cl. 313-345.
- Katzberg, Jesse, to Gera Corp. Emissive cathode. 2,757,309, 7-31-56, Cl. 313-345.
- Katzen, Raphael. See—  
Drummond, Virgil D., Gould, and Katzen. 2,752,363.
- Katzenberger, Bernhard, and H. L. von Cube, to Brown, Boveri & Cie, Aktiengesellschaft. Air-conditioning and water-cooling apparatus. 2,746,259, 5-22-56, Cl. 62-3.
- Katzin, Leonard I. See—  
Hagenbach, Kenneth T., Katzin, and Hellman. 2,743,157.
- Katzin, Martin. Pulse generating circuit. 2,749,452, 6-5-56, Cl. 307-106.
- Katzman, Morris, to Process Chemicals Co. Detergent composition. 2,757,143, 7-31-56, Cl. 252-72.
- Kerschmann, Edmund, to Imhausen Werke, G. m. b. H. Process for production of aromatic polycarboxylic acids. 2,764,611, 9-25-56, Cl. 260-524.
- Katzung, Hugo, to Daimler-Benz Aktiengesellschaft. Stabilizing wheel suspension for motor vehicles. 2,730,355, 1-10-56, Cl. 267-11.
- Katzung, Hugo, to Daimler-Benz Aktiengesellschaft. Wheel suspension. 2,766,035, 10-9-56, Cl. 267-8.
- Kaufmann, John H., and R. H. Moore, to Studebaker-Packard Corp. Baffle box for pneumatic material handling apparatus. 2,733,964, 2-7-56, Cl. 302-59.
- Kaufmann, John H., and R. H. Moore, to Studebaker-Packard Corp. Pneumatic material handling apparatus. 2,735,724, 9-21-56, Cl. 302-28.
- Kaufmann, Roy D. Variable length boom extension. 2,772,790, 12-4-56, Cl. 212-144.
- Kaufmann, Walter L., II, to Lovell Mfg. Co. Dryers. 2,734,281, 2-14-56, Cl. 34-87.
- Kaufmann, Walter L., II, to Lovell Mfg. Co. Wringers. 2,734,372, 2-14-56, Cl. 68-255.
- Kaufmann, Walter L., II, to Lovell Mfg. Co. Wringers. 2,752,771, 7-3-56, Cl. 68-255.
- Kaufmann, Walter L., II, to Lovell Mfg. Co. Dryers. 2,764,820, 10-2-56, Cl. 34-79.
- Kaufmann, Hans O. See—  
Shanley, Edward S., and Kaufmann. 2,739,868.
- Kaufmann, William M., to Worthington Corp. Aftercooler with cleanout for internal combustion engines. 2,748,562, 6-5-56, Cl. 60-13.
- Kaufmann, William M., to Worthington Corp. Control of fuel introduction to engine cylinder. 2,764,963, 10-2-56, Cl. 123-120.
- Kaufmann, William M., and G. Steven, to Worthington Corp. Apparatus for controlling proportionate delivery of air and gas to a supercharged internal combustion engine. 2,744,511, 5-8-56, Cl. 123-120.
- Kaufmann, Charles E., Jr. See—  
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- Kaufman, Daniel L., to General Motors Corp. Refrigerating apparatus. 2,750,760, 6-19-56, Cl. 62-117.1.
- Kaufman, Daniel L., to General Motors Corp. Expansion valve with bulb control. 2,752,769, 7-3-56, Cl. 15-28.3.
- Kaufman, David, and G. W. Lower, to the United States of America as represented by the United States Atomic Energy Commission. Method of recovery of uranium by a resin-impregnated process. 2,743,154, 4-24-56, Cl. 23-14.5.
- Kaufman, George E., to The Hoover Co. Handle and nozzle controls for suction cleaners. 2,734,219, 2-14-56, Cl. 15-361.
- Kaufman, George E., to The Hoover Co. Agitator structure for cleaning devices. 2,740,985, 4-10-56.
- Kaufman, George E., to The Hoover Co. Combined handle and switch control for suction cleaners. 2,750,618, 6-19-56, Cl. 15-410.
- Kaufman, George E., to The Hoover Co. Knife sharpener with cleaning bulb control. 2,740,985, 4-10-56.
- Kaufman, George E., to The Hoover Co. Food mixer. 2,766,972, 10-16-56, Cl. 259-51.
- Kaufman, Herman S., to The M. W. Kellogg Co. Heat treating process for trifluorochloroethylene polymers. 2,774,109, 12-18-56, Cl. 14-48.
- Kaufman, Herman S., and C. R. Giannotta, to The M. W. Kellogg Co. Method and apparatus for determining the characteristics of a thermoplastic material. 2,729,967, 1-10-56, Cl. 73-15.6.
- Kaufman, Jacob E. Valve assembly for drain conduits. 2,757,752, 8-7-56, Cl. 182-25.
- Kaufman, Jacob I. Cap support. 2,740,567, 4-3-56, Cl. 223-84.
- Kaufman, Jacob L. Disposable bib. 2,742,644, 4-24-56, Cl. 2-39.
- Kaufman, Louis W., to Westinghouse Electric Corp. Water heating apparatus. 2,766,200, 10-9-56, Cl. 204-197.
- Kaufman, Max J., Brassiere. 2,764,760, 10-2-56, Cl. 2-42.
- Kaufman, Walden F., and M. L. Hoffman, to the United States of America as represented by the Secretary of the Navy. Acceleration actuated outlet valve. 2,733,726, 2-7-56, Cl. 137-38.
- Kaufmann, Albert R., to the United States of America as represented by the United States Atomic Energy Commission. Uranium-silicon alloy and process of producing same. 2,731,341, 1-17-56, Cl. 75-134.
- Kaufmann, Carl P., to Elliott Machine Corp. Portable dredge. 2,731,741, 1-24-56, Cl. 37-2.
- Kaufmann, Carl P., to Elliott Machine Corp. Clean-out mechanism for hydraulic dredge. 2,747,942, 5-29-56, Cl. 302-64.
- Kaufmann, Frank H., to Steel Heddle Mfg. Co. Drop wires for warping machines and the like. 2,756,482, 7-31-56, Cl. 29-56.
- Kaufmann, Frank H., to Steel Heddle Mfg. Co. Loom harness. 2,769,461, 11-6-56, Cl. 139-92.
- Kaufmann, Frank H., to Steel Heddle Mfg. Co. Loom harness. 2,773,516, 12-11-56, Cl. 139-91.
- Kaufmann, John J., Jr., to Steel Heddle Mfg. Co. Shuttle tips. 2,748,807, 6-5-56, Cl. 139-196.
- Kaukauna Machine Corp. See—  
Hosea, Everett E., and Godschalk. 2,750,459.
- Kaul, Ben, to American Radiator & Standard Sanitary Corp. Method of cold forming steel pressure cylinders. 2,748,464, 6-5-56, Cl. 29-535.
- Kaul, Ben, to American Radiator & Standard Sanitary Corp. Process and apparatus for cold shaping steel. 2,748,932, 6-5-56, Cl. 207-72.
- Kaul, Ben, to American Radiator & Standard Sanitary Corp. Method of cold working metal. 2,751,676, 6-26-56, Cl. 29-535.
- Kaul, Fred. Apparatus for hair-dyeing. 2,761,459, 9-4-56, Cl. 132-109.
- Kaul, Joseph I., to National Lead Co. Tandem toggle press. 2,744,304, 5-8-56, Cl. 22-92.
- Kaul, Oliver W. See—  
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- Kaulakis, Arnold F. See—  
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- Scharmann, Walter G., and Kaulakis. 2,756,189.
- Kaulakis, Arnold F., to Esso Research and Engineering Co. Fluid hydroforming process. 2,766,188, 7-24-56, Cl. 196-50.
- Kaull, Frank W. Advertising display cigarette lighter. 2,752,704, 7-3-56, Cl. 40-28.
- Kaunitz, Clyde F. Electric welding machine. 2,736,347, 7-3-56, Cl. 2-112.
- Kauppi, Hilmer F. Fishing reel. 2,746,694, 5-22-56, Cl. 242-84.4.
- Kaushagen, William M. See—  
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- Kautenberg, W. E. Co. See—  
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- Kautsky, Hans W., and D. Siebel. Production of substituted silanes by the grignard reaction with halogen-free di-silanes and silicon hydrides. 2,762,825, 9-1-56, Cl. 260-448-2.
- Kawz, Murrell F., to Minneapolis-Honeywell Regulator Co. Control device. 2,748,225, 8-29-56, Cl. 200-140.
- Kavanagh, Arthur J.: *See—*
- Bennett, Alva H., and Kavanagh. 2,737,084.
- Kavanagh, Arthur J., to American Optical Co. Two component eye lens system. 2,739,925, 1-17-56, Cl. 88-57.
- Kavanagh, Kevin E., and R. P. Chesluk, to The Texas Co. Removal of metal contaminants from petroleum. 2,744,853, 5-8-56, Cl. 196-23.
- Kavanaugh, Floyd J., 50% to Clarke & Courts Investment Co. Spray guns. 2,760,823, 8-28-56, Cl. 299-38.
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- Kaventy, Paul J., to Herman Pneumatic Machine Co. Centrifugal oiling apparatus. 2,739,865, 1-10-56, Cl. 22-65.
- Kawaguchi, Bunji. Textile tentering and drying apparatus. 2,758,356, 8-14-56, Cl. 26-60.
- Kawasaki, Hajime: *See—*
- Matsukawa, Taizo, and Kawasaki. 2,752,348.
- Kasasaki, Sozo. Process of manufacturing porous cast iron. 2,763,583, 9-18-56, Cl. 148-21-7.
- Kawazura, Ryuhel. Automatic lap winding apparatus. 2,756,939, 7-31-56, Cl. 242-55-1.
- Kawner Co.: *See—*
- Stiefvater, Arthur E. 2,765,057.
- Kay, Arthur: *See—*
- Day, Lawrence, Dobrick, and Kay. 2,740,237.
- Kay-Brunner Steel Products, Inc.: *See—*
- Brunner, Joseph F., Jr. 2,746,776.
- Kay, Lloyd D. 2,729,461.
- Kay-Fries Chemicals, Inc.: *See—*
- Kesslin, George. 2,756,254.
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- Kay, Henry G. A.: *See—*
- Heath, Clarence W., and Kay. 2,736,872.
- Kay, James A., and A. G. Rose, to Rose Brothers (Gainsborough) Ltd. Carton-closing apparatus. 2,768,492, 10-30-56, Cl. 53-37-4.
- Kay, John G., and J. K. Rye, to F. Joseph Lamb Co. Orienter. 2,744,612, 5-8-56, Cl. 19-33.
- Kay, Oscar J. Self-flushing bedpan. 2,761,149, 9-4-56, Cl. 4-11-2.
- Kay, Lloyd D., to Kay-Brunner Steel Products, Inc. Fifth wheel construction. 2,729,461, 1-3-56, Cl. 280-125.
- Kay, Nicholas L., G. W. Hendricks, and R. A. Hanson, to Union Oil Co. of California. Hydrocarbon conversion process, including preliminary nitrogen removal by adsorption. 2,744,053, 5-1-56, Cl. 196-28.
- Kay, Oscar J. Overheat control device. 2,749,409, 6-5-56, Cl. 200-142.
- Kay, Reuben. Collapsible chair. 2,766,813, 10-16-56, Cl. 155-141.
- Kay, Reuben. Grain saving shield for combines. 2,774,210, 12-13-56, Cl. 56-153.
- Kay, Stanley W.: *See—*
- Murphy, Frank L., Haman, and Kay. 2,732,814.
- Kayat, Elias, to Continental Can Co., Inc. Handle attachment for paper cups. 2,775,382, 12-25-56, Cl. 229-1-5.
- Kaye, Alfred. Novelty hat. 2,747,196, 5-29-56, Cl. 2-175.
- Kaye Emmanuel: *See—*
- Arnot, Alfred E. R. 2,732,088.
- Arnot, Alfred E. R. 2,738,087.
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- Arnot, Alfred E. R., and Choules. 2,767,394.
- Kaye, Robert L. Automatic chainer. 2,766,469, 10-16-56, Cl. 15-3.
- Kayler, Frank H., to American Steel Foundries. Coupler support. 2,743,822, 5-1-56, Cl. 213-60.
- Kayler, Frank H., to American Steel Foundries. Fifth wheel stabilizer. 2,749,144, 6-5-56, Cl. 280-438.
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- Kayler, Frank H., to American Steel Foundries. Tractor fifth wheel construction for coupling semi-trailers. 2,756,074, 7-24-56, Cl. 280-437.
- Kaylor, Carl F. Extension table hardware. 2,772,132, 11-27-56, Cl. 311-71.
- Kays, Lillian and I. G. Alpern. Heel protector for ladies' shoes. 2,763,938, 9-25-56, Cl. 36-72.
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- Thau, Karl, and Kiel. 2,774,229.
- Kayuhua, Joseph, Jr. Hydraulic brake system operated flashing signal. 2,751,458, 6-19-56, Cl. 200-83.
- Kazan, Benjamin, to the United States of America as represented by the Secretary of the Army. Device for electronically controlling the propagation of radio frequency power. 2,772,377, 11-27-56, Cl. 315-4.
- Kazan, Benjamin, to the United States of America as represented by the Secretary of the Army. Slow-wave structures for travelling wave tubes. 2,774,005, 12-11-56, Cl. 315-3-5.
- Kazan, Benjamin, and F. H. Nicoll, to Radio Corp. of America. Distributed gap electroluminescent device. 2,768,310, 10-23-56, Cl. 250-211.
- Kazanjan, Casey. Golf ball retrieving apparatus. 2,735,562, 2-21-56, Cl. 214-350.
- Kazato, Kenji, and K. Ito. Electron microscope. 2,753,458, 7-3-56, Cl. 250-49-5.
- Kazenas, Zenon: *See—*
- Kohl, Everard F., and Kazenas. 2,749,586.
- Kazmier, Clarence M.: *See—*
- Lotz, Charles W., and Kazmier. 2,742,153.
- Keahy, Ernest W.: *See—*
- McLaughlin, Bernard A., and Keahy.
- Kean, George W. Screw threading machines. 2,748,663, 6-5-56, Cl. 90-11-54.
- Kearby, Kenneth K., to Esso Research and Engineering Co. Stabilized metal catalysts for naphtha reforming. 2,739,944, 3-27-56, Cl. 252-466.
- Keatfort Co., Inc.: *See—*
- Heimann, Joseph B. 2,751,472.
- Reichel, Wladimir A., and Emerson. 2,751,474.
- Wallach, Bernard H. 2,770,743.
- Kearney Corp.: *See—*
- Runde, Kenneth R. 2,770,667.
- Kearney, James R., Corp.: *See—*
- Harrington, Edward M., and Anderson. 2,749,380.
- Helstern, Vernon. 2,738,478.
- Moriarty, Wallace A. 2,769,357.
- Runde, Kenneth R. 2,745,327.
- Kearney, Thomas: *See—*
- Kearney, Thomas: *See—*
- Method of cleaning work objects having limited temperature tolerance. 2,755,208, 7-17-56, Cl. 134-11.
- Kearney, Thomas J., to Detrex Corp. Apparatus for sterilization of canned foods. 2,771,023, 11-20-56, Cl. 99-330.
- Kearney, Thomas J., to Detrex Corp. Apparatus for treatment with solvents. 2,771,086, 11-20-56, Cl. 134-60.
- Kearney & Trecker Corp.: *See—*
- Armitage, Joseph B. 2,755,117.
- Armitage, Joseph B., and Barker. 2,765,711.
- Armitage, Joseph B., and Flannery. 2,736,243.
- Armitage, Joseph B., and Zankl. 2,764,067.
- Barker, Orrin W., and Lenert. 2,749,811.
- Senn, Jurg A. 2,748,665.
- Wetzel, Theodore A. 2,749,812.
- Kearney, William F. Lawn mower. 2,733,565, 2-7-56, Cl. 56-26.
- Kearne, William R.: *See—*
- Wright, Manfred G., and Kearney. 2,765,663.
- Kearns, Harlan M. Panel siding. 2,735,143, 2-21-56, Cl. 20-5.
- Keasbey & Mattison: *See—*
- Burrows, Edward J., Ostrowski, and Anderson. 2,738,713.
- Seipt, Willard R. 2,766,131.
- Keast, Francis H., to A. V. Roe Canada Ltd. Annular combustion chamber for gas turbine engine. 2,760,338, 8-28-56, Cl. 60-39-36.
- Keck, Charles D. Gas burner. 2,746,532, 5-22-56, Cl. 158-114.
- Keaton, Frank H., and D. C. Bettison. Brush holder. 2,767,261, 10-16-56, Cl. 191-49.
- Keaton Rubber Co.: *See—*
- Rogow, Seymour, and Berman. 2,734,996.
- Keats, George H.: *See—*
- Clarke, William, Keats, Thornton, and Wood. 2,768,171.
- Kebbon, Earl R., to Weston Electrical Instrument Corp. Bi-metallic thermometer. 2,743,613, 5-1-56, Cl. 73-367.
- Kebbon, Earl R., and R. W. Freeman, to Weston Electrical Instrument Corp. Thermometer. 2,743,612, 5-1-56, Cl. 73-367.
- Kebrich, Leonard M.: *See—*
- Eickhoff, Arnold J., and Kebrich. 2,749,214.
- Hendricks, John G., and Kebrich.
- Kebrle, Friedrich: *See—*
- Karrer, Paul, and Kebrle. 2,748,132.
- Karrer, Paul, and Kebrle. 2,748,133.
- Kechely, Lee E., and W. R. Brandon. Grain drier and conveyor. 2,769,245, 11-6-56, Cl. 34-57.
- Keck, Charles D. Saw sharpening device. 2,735,316, 2-21-56, Cl. 158-114.
- Keck, Lloyd B.: *See—*
- Hayford, Benjamin I., and Keck. 2,735,042.
- Keck, Merle E.: *See—*
- Beach, Edward L., and Keck. 2,763,774.
- Keck, Paul H., to the United States of America as represented by the Secretary of the Army. Method of making photo-sensitive plates. 2,739,079, 8-20-56, Cl. 117-34.
- Keckler, John W., to Aro Equipment Corp. Fuel drop tank valve. 2,747,597, 5-29-56, Cl. 137-107.
- Keeco Industries, Inc.: *See—*
- Curell, Randal, Jr. 2,737,780.
- Kuempel, Leon L. 2,743,589.
- Kece Plating Co.: *See—*
- Reilly, Allen F., and Stokias. 2,734,859.
- Kedrowski, John J. Baby crib structure. 2,734,200, 2-14-56, Cl. 5-3.
- Keel, Robert M., to United Aircraft Corp. Rotor blade with balancing weight. 2,754,917, 7-17-56, Cl. 170-159.
- Keebler, Paul T.: *See—*
- Blumenthal, Alexander E., and Keebler. 2,742,677.
- Keefe, Lincoln M.: *See—*
- Cooper, Benjamin, and Keefe. 2,768,691.
- Keefe, Lincoln M., to R. I. N. Weingart. Ticket vending machine. 2,744,463, 5-8-56, Cl. 101-67.

- Keefe, Robert L., Jr., to E. I. du Pont de Nemours and Co. Process and apparatus for winding heavy denier yarn packages. 2,747,359, 5-29-56, Cl. 57-34.5.
- Keefe, Robert L., Jr., to E. I. du Pont de Nemours and Co. Nozzle for use with flying knife cutter in staple production. 2,747,668, 5-29-56, Cl. 164-6.
- Keefe, Ernest B., to Boeing Airplane Co. Oleo snubbers. 2,767,978, 10-23-56, Cl. 267-64.
- Keehn, Warner L., to Keehn-O Mfg. Co. Emergency and parking brake system including mechanical locking means in fluid actuated brakes. 2,759,599, 8-21-56, Cl. 188-152.
- Keehn-O Mfg. Co.: See—
- Keehn, Warner L. 2,759,599.
- Keel, Adolf: See—
- Kleissig, Ernst F., and Keel. 2,763,217.
- Keel, Adolf, to Vickers Inc. Power transmission. 2,759,423, 8-21-56, Cl. 103-5.
- Keelavite Co. Ltd., The: See—
- Cohen, Elie. 2,742,763.
- Johnson, Edward H. 2,735,371.
- Keeler Brass Co.: See—
- Jakeway, Gerald V. 2,739,831.
- Jakeway, Gerald V. 2,761,721.
- Keeler, Harry L., Jr. Automatically controlled braking apparatus. 2,736,395, 2-28-56, Cl. 188-181.
- Keeler, John R., and H. A. Saller, to the United States of America as represented by the United States Atomic Energy Commission. Uranium-titanium alloys. 2,743,174, 4-24-56, Cl. 75-122.7.
- Keeler, William R.: See—
- Pierotti, Gino J., Keeler, Evans, and Vincent. 2,749,291.
- Keeley, Armand E.: See—
- Wilson, Rufus W., and Keeley. 2,749,879.
- Keeley, Kedric V. Space heater for use on open gas burner. 2,755,793, 7-24-56, Cl. 126-248.
- Keelor, William B. Terrace barrier or curbing. 2,769,277, 11-6-56, Cl. 47-33.
- Keely, Clifford D., to General Corrugated Machine Co. Liquid adhesive applicators of the hand type. 2,768,861, 10-30-56, Cl. 299-112.
- Keely, Clifford D., and A. Ross: said Keely assor. to said Ross. Rotary toothbrush. 2,758,326, 8-14-56, Cl. 15-23.
- Keen, August, and L. K. Klesler,  $\frac{1}{2}$  to W. Ranch. Article handling trucks. 2,740,542, 4-3-56, Cl. 214-381.
- Keen, Arthur W., to Electric & Musical Industries Ltd. Scanning circuits for cathode ray tubes. 2,772,358, 11-27-56, Cl. 250-36.
- Keen, Harry. Automatic tuning system for transmitters and receivers. 2,741,702, 4-10-56, Cl. 250-40.
- Keen, Harry J., R. J. Papaleck, and A. J. Gilbert, Jr., to Lavoie Laboratories, Inc. Constant temperature oven. 2,751,483, 6-19-56, Cl. 219-19.
- Keen Mfg. Corp.: See—
- Siciliano, Anthony J. 2,732,096.
- Keen, William R., to Collins & Aikman Corp. Pile fabrics. 2,745,443, 5-15-56, Cl. 139-399.
- Keel, William R., to Collins & Aikman Corp. Carpeting. 2,752,277, 6-26-56, Cl. 154-49.
- Keenan, James W., to Bendix Aviation Corp. Liquid level sensing and indicating device. 2,761,924, 9-4-56, Cl. 200-61.2.
- Keenan, John D., Jr.: See—
- Messmer, Edwin E., Sylvester, and Keenan. 2,763,482.
- Keenan, Thomas J., Jr., to Oakland Scavenger Co. Incinerator. 2,752,869, 7-3-56, Cl. 110-7.
- Keenan, William. Dispenser for screw top containers. 2,764,323, 9-25-56, Cl. 222-363.
- Keene, Shefford L. Building construction demonstration device. 2,760,277, 8-28-56, Cl. 35-49.
- Keeney, J. H., & Co., Inc.: See—
- Pinney, Paul O. 2,771,914.
- Keep, Donald D.: See—
- Hennies, Stuart R., and Keep. 2,774,962.
- Keephart, Lester M. Empty indicator for raw coal pipes and the like. 2,745,920, 5-15-56, Cl. 200-61.21.
- Keis, Ernest C., to Westinghouse Electric Corp. Air circuit breaker contacts. 2,769,862, 10-30-56, Cl. 200-144.
- Kees, F. D., Mfg. Co.: See—
- Hodska, Nicholas S. 2,730,397.
- Keesse, Beverly W., to Rockwell Spring and Axle Co. Vehicle drive and power take-off mechanism. 2,743,615, 5-1-56, Cl. 74-15.62.
- Keesse, Beverly W., and J. E. Williams, to Rockwell Spring and Axle Co. Housing structure for drive axle mechanism. 2,741,798, 6-26-56, Cl. 74-606.
- Keesling, Thomas B.: See—
- Neil, James M., and Keesling. 2,758,620.
- Keeton, Ralph L., and F. E. Kesler. Pilot controlled diaphragm valve. 2,772,066, 11-27-56, Cl. 251-46.
- Keewen, Alpha H. Automatic starting switches. 2,763,746, 9-18-56, Cl. 200-81.5.
- Keever Starch Co., The: See—
- Gaver, Kenneth M. 2,735,821.
- Keovil, Henry W. Multi-cyclic detector. 2,720,785, 1-3-56, Cl. 324-37.
- Keferstein, Charles G.: See—
- Ayers, Fred L. 2,765,758.
- Keffer, Vern L. Portable cooking stove. 2,742,893, 4-24-56, Cl. 126-38.
- Kegan, Daniel: See—
- Pelzmann, Alfred. 2,732,621.
- Kegan, Franklin: See—
- Pelzmann, Alfred. 2,732,621.
- Kegan, Judith: See—
- Pelzmann, Alfred. 2,732,621.
- Kegeles, Gerson. Method and apparatus for producing contoured photographs. 2,759,814, 8-21-56, Cl. 95-5.
- Kegeles, Gerson. Electrophoresis apparatus having a prismatic cell. 2,762,254, 9-11-56, Cl. 88-14.
- Kegevic, Paul A. Tool kit. 2,744,621, 5-8-56, Cl. 206-16.
- Keil, George L., and I. Moch, Jr., to the United States of America as represented by the United States Atomic Energy Commission. Electrolytic cutting of metals. 2,739,935, 3-27-56, Cl. 204-143.
- Keiohe, Ellsworth A., to General Motors Corp. Carburetor. 2,747,848, 5-29-56, Cl. 261-52.
- Keser, Charles V., and L. L. Cook, to Laclede-Christy Co. Feeder construction. 2,741,401, 4-10-56, Cl. 222-136.
- Keldel, Frank, to International Seal & Knot Protector Co. Seals. 2,750,260, 6-12-56, Cl. 292-323.
- Keighley, Lloyd M., to General Motors Corp. Ice tray. 2,756,565, 7-31-56, Cl. 62-108.5.
- Keight, Albert W., G. E. Moos, and J. R. Shoup, to Celanese Corp. of America. Filament spinning apparatus. 2,732,950, 1-31-56, Cl. 210-150.5.
- Keil, Harvard L., A. L. Loll, and E. F. Cavanaugh, to Armour and Co. Method of extracting animal glue. 2,751,377, 6-19-56, Cl. 260-118.
- Keil, Joseph W., to Dow Corning Corp. Pressure-sensitive tapes of organo-siloxane material with titanium release coating. 2,732,318, 1-24-56, Cl. 117-68.5.
- Keil, Joseph W., to Dow Corning Corp. Bonding silicone rubber to solid materials. 2,751,314, 6-19-56, Cl. 117-72.
- Keil, Leonard W., to Holly Carburetor Co. Dual fuel supply for a gas turbine. 2,747,508, 5-29-56, Cl. 103-11.
- Keil, Leonard W., to Holly Carburetor Co. Servo-motor control valve for an airplane engine. 2,751,919, 6-26-56, Cl. 137-81.
- Keim, Gerald I., and W. D. Thompson, to Hercules Powder Co. Process of sizing paper with an aqueous emulsion of kaolin. 2,762,270, 9-1-56, Cl. 62-92.
- Keim, Paul R., to General Motors Corp. Propeller blade angle measuring device. 2,737,722, 3-13-56, Cl. 83-46.
- Keiper, Edwin H., to Bath Iron Works Corp. Jaw crusher with material feeding and turning belt moving over the stationary crushing plate. 2,736,503, 2-28-56, Cl. 241-200.
- Keiper, Edwin H., to Bath Iron Works Corp. Hammer mill feed device, including a rotary spreader and thrower. 2,750,123, 6-12-56, Cl. 241-186.
- Keiper, Francis P.: See—
- Browne, Frances, and H. A. 2,735,321.
- Keiper, Francis P. Cabinet. 2,740,682, 4-3-56, Cl. 312-12.
- Keiper, Francis P., Jr., to Philco Corp. Current regulating system. 2,769,135, 10-30-56, Cl. 323-4.
- Keiper, Philip L.: See—
- Santini, Danilo, Keiper, and Suozzo. 2,740,496.
- Keipp, Anton. Swinging parallel-linkage linkage power mixer saw. 2,729,249, 1-3-56, Cl. 143-46.
- Keiser, Bernhard: See—
- De Groot, Melvin, and Keiser. 2,771,450.
- Keiser, David H., Jr. Shearing apparatus device. 2,744,321, 5-8-56, Cl. 30-237.
- Keith, Clyde R., and C. A. Nickerson, to Bell Telephone Laboratories, Inc. Apparatus for recording and reproducing telephone messages. 2,761,899, 9-4-56, Cl. 179-6.
- Keith, Frank H.: See—
- Keith, Henry I. 2,770,358.
- Keith, Henry I., to F. H. Keith. Refillable lipstick dispenser. 2,770,358, 11-13-56, Cl. 206-56.
- Keith, Hiram R. Electrical vote counting machine. 2,750,108, 6-12-56, Cl. 235-56.
- Keith, John V., to Universal Winding Co. Winding machine. 2,740,589, 4-3-56, Cl. 242-18.
- Keith, John V., to Universal Winding Co. Winding machine. 2,740,590, 4-3-56, Cl. 242-18.
- Keith, John V., to Universal Winding Co. Winding machine. 2,752,105, 6-26-56, Cl. 242-45.
- Keith, John V., to Universal Winding Co. Twisting and winding machine. 2,769,299, 11-6-56, Cl. 57-62.
- Keith, John V., and R. C. Savage,  $\frac{1}{2}$  to Universal Winding Co., and  $\frac{1}{2}$  to General Electric Co. Motor controlled tension system for winding machine. 2,754,459, 7-10-56, Cl. 318-8.
- Keith, Percy A., and R. C. Ferguson, to Allis-Chalmers Mfg. Co. Slat mounting for cotton pickers. 2,751,742, 6-26-56, Cl. 56-42.
- Keith, Raymond E. Fishing lure. 2,756,533, 7-31-56, Cl. 43-20.
- Keith, Roy R. Wheel suspension system. 2,760,783, 8-28-56, Cl. 280-95.
- Keithley, Joseph F. Circuit interrupter. 2,741,679, 4-10-56, Cl. 208-21.
- Keith, Eugene O., to Radio Corp. of America. Television receiver gated automatic gain control with lockout prevention. 2,756,327, 7-24-56, Cl. 250-20.
- Keizer, Eugene O., and M. G. Kroger, to Radio Corp. of America. Oscillator system. 2,731,565, 1-17-56, Cl. 250-36.
- Keizer, Eugene O., and M. G. Kroger, to Radio Corp. of America. Sync separator and AGC circuits for TV receivers. 2,735,002, 2-14-56, Cl. 250-20.
- Keizer, Eugene O., and M. G. Kroger, to Radio Corp. of America. Automatic gain control systems. 2,735,004, 2-14-56, Cl. 250-20.
- Keizer, Eugene O., and M. G. Kroger, to Radio Corp. of America. Automatic gain control. 2,735,934, 2-21-56, Cl. 250-20.



- Kelakos, Michael G.: *See*—  
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- Kelbel, Donald W.: *See*—  
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- Kelbel, Donald W., to The Borg-Warner Corp. Transmission. 2,753,728, 7-10-56, Cl. 74—359.
- Kelbel, Donald W., to Borg-Warner Corp. Transmission. 2,762,237, 9-11-56, Cl. 74—877.
- Kelbel, Donald W., to Borg-Warner Corp. Transmission. 2,775,144, 12-25-56, Cl. 74—769.
- Kelbert, Rudolph S., and B. Vidal. Timepiece for automotive vehicle. 2,730,860, 1-17-56, Cl. 58—46.
- Kelcher, Henry W., to International Business Machines Corp. Ribbon reinking device. 2,745,533, 5-15-56, Cl. 197—171.
- Kelch Co., The: *See*—  
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- Kelket X-Ray Corp.: *See*—  
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- Haupt, Walter H., and Hay, 2,737,596.
- Kelem, Howard. Speed control mechanism for motor vehicles. 2,755,877, 7-24-56, Cl. 180—82.1.
- Kelitte Corp.: *See*—  
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- Kell, Ray D.: *See*—  
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- Kell, Ray D., to Radio Corp. of America. Color television camera. 2,736,291, 1-31-56, Cl. 178—3.4.
- Kell, Ray D., to Radio Corp. of America. Recording of colored images. 2,736,762, 2-28-56, Cl. 178—5.4.
- Kell, Ray D., to Radio Corp. of America. Color television transmitter. 2,750,439, 6-12-56, Cl. 178—5.4.
- Kell-Strom Tool Co., Inc.: *See*—  
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- Kellam, James A. Article inventing apparatus. 2,772,766, 12-4-56, Cl. 198—33.
- Kellar, Arnold A.: *See*—  
Busbong, Raymond M., and Kellar. 2,761,848.
- Keller, Arthur C.: *See*—  
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- Kelle, Arthur C., to Allis-Chalmers Mfg. Co. Fluid motor dumping system, including a cylinder head valve. 2,730,588, 1-10-56, Cl. 200—82.
- Kelle, Arthur C., to Allis-Chalmers Mfg. Co. Fluid motor dumping system with fluid admitting and venting valve. 2,730,590, 1-10-56, Cl. 200—82.
- Kelle, Arthur C., to Allis-Chalmers Mfg. Co. Circuit breaker with electrode disposed between an interrupting device and a contact opening. 2,749,411, 6-5-56, Cl. 200—150.
- Kellems Co.: *See*—  
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- Kellems, David L. 2,766,501.
- Kellems, David L., to Kellems Co. Cable luffing grips. 2,740,178, 4-3-56, Cl. 24—123.
- Kellems, David L., to Kellems Co. Cable grips. 2,766,501, 1-10-56, Cl. 24—123.
- Kellendort, Richard,  $\frac{1}{2}$  to S. Skambraks, and  $\frac{1}{2}$  to E. Strasser. Electric fuses. 2,749,405, 6-5-56, Cl. 200—113.
- Keller, Albert G., to Holmes Electric Protective Co. Burglar alarm system for a movable closure. 2,747,177, 5-22-56, Cl. 340—276.
- Keller, Arthur C.: *See*—  
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- Keller, Arthur G.: *See*—  
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- Horton, Paul M., and Keller. 2,729,858.
- Keller, Bernard, and E. J. M. de Berncastle. Plural rotor impact grinding mill with cooling means. 2,774,543, 12-18-56, Cl. 241—55.
- Keller, Curt, to Aktiengesellschaft Fuer Technische Studien. Turbo-machines. 2,745,969, 5-15-56, Cl. 250—83.6.
- Keller, Curt, to Aktiengesellschaft fuer Technische Studien. Method and installation for operating a wind tunnel, more especially for high Mach numbers. 2,748,599, 6-5-56, Cl. 73—147.
- Keller, Douglas V., Jr., and W. E. Shaw, to National Lead Co. Apparatus for producing refractory metals. 2,763,480, 9-18-56, Cl. 266—42.
- Keller, Dwight P.: *See*—  
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- Keller, Edwin G., to Dunham-Bush, Inc. Adjustable suspension. 2,768,804, 10-30-56, Cl. 248—59.
- Keller, Fred, and W. G. Zelle, to Aluminum Co. of America. Treatment for chromium plated aluminum. 2,755,242, 7-17-56, Cl. 204—140.
- Keller, Fred M., to The Jervis-Middleville Corp. Method for making an internally threaded polygonal article. 2,738,573, 8-20-56, Cl. 29—529.
- Keller, Fritz L. Grinding fixture. 2,767,531, 10-23-56, Cl. 51—220.
- Keller, George J., to the United States of America as represented by the Secretary of Agriculture. Method of recovering volatile flavoring oils. 2,729,564, 1-3-56, Cl. 99—140.
- Keller, Henry G., to Link-Belt Co. Belt conveyor. 2,735,537, 2-21-56, Cl. 198—203.
- Keller, Henry G., to Link-Belt Co. Belt conveyor. 2,759,596, 8-21-56, Cl. 198—192.
- Keller, Herman J., to Minute Maid Corp. Method of inhibiting bacteria, mold, fungus, etc., growth in citrus fruits, and other fresh goods. 2,748,004, 5-29-56, Cl. 99—154.
- Keller, Herman J., to Brodget Co. Method of inhibiting the development of decay in peaches, and the like. 2,755,188, 7-17-56, Cl. 99—154.
- Keller, Hugo F. Fishing device. 2,772,503, 12-4-56, Cl. 147—11.
- Keller, James L., to Union Oil Co. of California. Removal of sulfur dioxide from gases containing the same. 2,729,543, 1-3-56, Cl. 23—225.
- Keller, John D. Method for annealing tightly wound flat rolled metal stock. 2,769,630, 11-6-56, Cl. 263—52.
- Keller, Joseph. Combination bed and adjustable extension panel. 2,739,319, 3-27-56, Cl. 5—68.
- Keller, Max: *See*—  
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- Keller, Nicholas W.: *See*—  
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- Keller, Philip B., and W. M. Kofford, to T. Collier Corp. Method for constructing water filters and product thereof. 2,773,601, 12-11-56, Cl. 210—120.
- Keller, Robert R. Mouldings for panel members, and the like. 2,728,957, 1-3-56, Cl. 20—15.
- Keller, Rudolf, E. Keyssner, A. Muenster, and P. Pfaff, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Separation of flowing gas mixtures. 2,738,030, 3-13-56, Cl. 183—115.
- Keller, Rudolf, and K. Eder, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Production of acrylonitrile. 2,748,156, 5-29-56, Cl. 260—463.3.
- Keller, Russell J., to The B. F. Goodrich Co. Method of manufacture of expanders for fluid-operated brakes. 2,762,737, 9-11-56, Cl. 154—85.
- Keller, Theodore W., and C. W. Garvin, Garvin to Keller. Electrically controlled web feeding means for a bag making machine. 2,746,752, 5-22-56, Cl. 271—2.6.
- Keller, Thomas M.: *See*—  
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- Keller, Walter: *See*—  
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- Ebel, Friedrich, Rupp, and Keller. 2,735,549.
- Keller, Walter B.: *See*—  
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- Keller, William P.: *See*—  
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- Keller, William G., to Keuffe & Esser Co. Optical instrument. 2,774,275, 12-18-56, Cl. 88—22.
- Keller, William M. Fluid cooled journal bearing. 2,731,306, 1-17-56, Cl. 308—77.
- Kellersman, Robert. Fluid servomotor actuated tool. 2,743,707, 6-1-56, Cl. 121—41.
- Kellersman, Robert. Vacuum bag clip fastener apparatus. 2,756,428, 7-31-56, Cl. 1—187.
- Kellett, Alfred L. Magnetic electrical switch. 2,770,697, 11-13-56, Cl. 200—87.
- Kelley, Bartram, to Bell Aircraft Corp. Helicopter automatic flight control. 2,743,071, 4-24-56, Cl. 244—17.13.
- Kelley, Benjamin S.: *See*—  
Cooper, Roland S., and Kelley. 2,766,969.
- Kelley, Carl S.: *See*—  
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- Kelley, Carl S., to Phillips Petroleum Co. Urea adduct separation process. 2,739,144, 3-20-56, Cl. 260—96.5.
- Kelley, Carson A. Protective covering for electrical plugs. 2,759,160, 8-14-56, Cl. 339—75.
- Kelley, Clarence A., and J. S. Jervan. Locking device for line slugs. 2,774,303, 12-18-56, Cl. 101—392.
- Kelley, Curtis P., to General Motors Corp. Automobile refrigerating apparatus. 2,774,219, 12-18-56, Cl. 62—3.
- Kelley, Dewitt T., R. S. Babcock, and E. M. Holub, to Union Carbide and Carbon Corp. Process for thermochemically washing ferrous metal castings. 2,735,796, 2-21-56, Cl. 148—9.5.
- Kelley, Garrett P. Dockboard. 2,751,615, 6-26-56, Cl. 147—11.
- Kelley, George G.: *See*—  
Bell, Persa R., Kelley, and Goss. 2,775,698.
- Kelley, Gilbert A., to Surface Combustion Corp. Seal for air conditioned chamber. 2,758,389, 8-14-56, Cl. 34—77.
- Kelley, Harry P. Tractor guides. 2,759,407, 8-21-56, Cl. 97—47.02.
- Kelley, John F.: *See*—  
Burger, Cletus A., and Kelley. 2,767,041.
- Schieser, Warren J., and Kelley. 2,736,922.
- Schieser, Warren J., and Kelley. 2,736,923.
- Kelley, Louis E.: *See*—  
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- Kelley, Oliver K., to General Motors Corp. 3-phase turbine drive. 2,737,061, 3-6-56, Cl. 74—677.
- Kelley, Oliver K., to General Motors Corp. Dual range plural turbine-gear drive. 2,766,641, 10-16-56, Cl. 74—677.
- Kelley, Paul A. Case for snelled fishhooks. 2,770,064, 11-13-56, Cl. 43—87.5.
- Kelley, William H. Contraction type load transmission joint. 2,759,403, 8-21-56, Cl. 94—17.
- Kelly, Edward P. Automatic dumping liquid trap. 2,760,596, 8-25-56, Cl. 183—42.
- Kelling, Leroy U. C., to General Electric Co. Follow-up control system. 2,764,720, 9-25-56, Cl. 318—30.
- Kelmer, Heinrich. Draught preventers for windows, doors and the like. 2,732,596, 1-31-56, Cl. 20—69.
- Kelmer, Heinrich. Method for forming sheets of plastic material. 2,756,459, 7-31-56, Cl. 18—15.

- Kellner, Richard G., to Consolidated Metal Products Corp. Vehicle road sander. 2,763,502, 9-18-56, Cl. 291-25.
- Kellogg, Arnold R., *See* Kellogg, Walter M.
- Kellogg, Walter M., Kellogg, and Phillips. 2,742,004.
- Kellogg, Bruce H., to Food Machinery and Chemical Corp. Machine for orienting and slicing ovaloid fruit such as apricots. 2,735,465, 2-21-56, Cl. 146-72.
- Kellogg & Burger. *See* Kellogg, Neal H.
- Kellogg, Neal H. 2,761,150.
- Kellogg Co., *See*—
- Hirsch, Henry and E. L. 2,756,539.
- Jenney, Ray S., and Fetherston. 2,744,611.
- Jenney, Ray S., Fetherston, and Miller. 2,744,609.
- Kellogg, Harry L., to General Electric Co. Initiating the arc in mercury pool tubes. 2,730,661, 1-10-56, Cl. 315-252.
- Kellogg, M. W. Co., The. *See*—
- Aleck, Benjamin J. 2,734,762.
- Alozyer, Nicholas J. G., and Given. 2,745,794.
- Barnhart, William S. 2,753,328.
- Barnhart, William S. 2,770,659.
- Barnhart, William S., and Martell. 2,751,376.
- Burton, William P., and Riblett. 2,768,933.
- Belchetz, Arnold. 2,731,398.
- Belchetz, Arnold. 2,760,916.
- Chernosky, Anthony J., and Amber. 2,754,336.
- Costello, Robert B. 2,752,468.
- Costello, Robert R. 2,755,367.
- Davis, Horace R. 2,742,510.
- Davis, Horace R., and Chiang. 2,774,798.
- Dickinson, Norman L. 2,739,880.
- Diehl, Charles. 2,747,063.
- Dipner, Charles D., Teeters, and Wrightson. 2,775,569.
- Dittman, Albert L. 2,739,960.
- Dittman, Albert L., Passino, and Teeters. 2,738,343.
- Dittman, Albert L., Passino, and Teeters. 2,752,331.
- Dittman, Albert L., and Wrightson. 2,775,618.
- Garrett, Luther W., Jr., and Smith. 2,752,382.
- Holzwarth, Hans T. 2,754,655.
- Honn, Francis J. 2,752,332.
- Honn, Francis J. 2,770,740.
- Howard, Everett W. 2,740,750.
- Howard, Everett W. 2,758,068.
- Jelinek, Ulrich. 2,767,768.
- Kalll, Emil O., Runbold, and Vander Pool. 2,758,441.
- Kaufman, Herman S., and Giannotta. 2,729,967.
- Kaufman, Herman S., and Giannotta. 2,729,967.
- Kirkwood, John G., and West. 2,747,009.
- Kroncke, Charles O., Jr. 2,770,615.
- Landrums, Billy F., and Herbst. 2,753,379.
- Mantell, Russell M., and Barnhart. 2,751,375.
- Mantell, Russell M., and Barnhart. 2,774,799.
- Mantell, Russell M., Passino, and Teeters. 2,774,797.
- Mantell, Russell M., Plescia, and Pratt. 2,753,300.
- Marcy, Henry T., and Fyffe. 2,758,812.
- Maue, Marilyn J. 2,768,989.
- McGrath, Henry G. 2,754,314.
- McGrath, Henry G., and Rubin. 2,751,405.
- Millenson, Morton B. 2,734,980.
- Nathan, Marvin F., Lobo, and Skaperdas. 2,775,551.
- Palmer, George H., and Skaperdas. 2,753,701.
- Passino, Herbert J. 2,730,484.
- Passino, Herbert J. 2,748,098.
- Passino, Herbert J. 2,768,878.
- Passino, Herbert J., Dittman, and Wrightson. 2,774,751.
- Passino, Herbert J., Teeters, and Mantell. 2,770,660.
- Pratt, Thomas W. 2,770,576.
- Rearick, John S., and Schaaf. 2,742,454.
- Riblett, Earl W., Burton, and Lefrançois. 2,743,215.
- Rosshelm, David B., and Jelinek. 2,755,199.
- Rubin, Louis C. 2,736,064.
- Rubin, Louis C. 2,767,956.
- Schwarzenbek, Eugene F. 2,739,133.
- Schwarzenbek, Eugene F. 2,742,446.
- Schwarzenbek, Eugene F. 2,760,912.
- Schwarzenbek, Eugene F. 2,760,940.
- Smith, Richard A. 2,774,702.
- Smith, Richard A. 2,774,704.
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- Stiles, Samuel R. 2,769,929.
- Sundback, Raymond A. 2,768,144.
- Szwarc, Michael M., Roper, and Steiner. 2,769,780.
- Tarnpoll, Morris. 2,736,684.
- Teeters, Wilbur O., Passino, and Dittman. 2,770,606.
- Weil, Nicholas A. 2,769,633.
- Kellogg, Neal H., to Kellogg & Burger. Shower curtain unit for built-in bathtubs. 2,761,150, 9-4-56, Cl. 4-149.
- Kellogg, R. R., Advertising Services, Inc. *See*—
- Hazelroth, Kenneth M., Diesen, and Melton. 2,731,747.
- Kelly, Albert E. Gas burning furnace and controls therefor. 2,741,244, 4-10-56, Cl. 126-116.
- Kelly, Clyde W., to Fenestra Inc. Window casting construction. 2,773,571, 12-11-56, Cl. 189-75.
- Kelly, Daniel A. Sand box cover. 2,742,308, 4-17-56, Cl. 291-38.
- Kelly, Donald H., to Technicolor Motion Picture Corp. Light dividing system. 2,749,792, 6-12-56, Cl. 88-1.
- Kelly, Donald H., and F. C. Rock, Jr., to Technicolor Motion Picture Corp. Color selective optical interference coatings. 2,740,317, 4-3-56, Cl. 88-1.
- Kelly, Donald H., and F. C. Rock, Jr., to Technicolor Corp. Apparatus for coating optical interference layers. 2,771,055, 11-20-56, Cl. 118-9.
- Kelly, Dunford A. Phase shift oscillator. 2,749,441, 6-5-56, Cl. 250-36.
- Kelly, Earl M., to Process Engineers Inc. Sludge treatment. 2,772,234, 11-27-56, Cl. 210-2.
- Kelly, Earl M., and A. M. Kivari, to Process Engineers Inc. Apparatus and method for liquid treatment and clarification. 2,775,556, 12-25-56, Cl. 210-16.
- Kelly, Edmund P., *See*—
- Sale, William H. 2,750,213.
- Kelly, Frederick G., to Thomas A. Edison, Inc. Variable reactors. 2,740,941, 4-3-56, Cl. 336-30.
- Kelly, Frederick G., and R. H. Postal, to Thomas A. Edison. Electric fire-detector cable. 2,740,874, 4-3-56, Cl. 201-63.
- Kelly, G. A., Plov Co., *See*—
- Parker, Marvin M. 2,752,837.
- Kelly, Garrett J. Parachute release device. 2,740,600, 4-3-56, Cl. 244-151.
- Kelly, George M., to Kingston Products Corp. Canister-type vacuum cleaner. 2,744,585, 5-8-56, Cl. 183-37.
- Kelly, George M., to Kingston Products Corp. Cord reel. 2,757,044, 11-20-56, Cl. 15-246.
- Kelly, George W., to Columbus Plastic Products, Inc. Plasticizer for injection molding machines. 2,764,781, 10-2-56, Cl. 18-30.
- Kelly, George W., to Columbus Plastic Products, Inc. Die construction for injection-type molding machines. 2,770,011, 11-13-56, Cl. 18-30.
- Kelly, George W., to Columbus Plastic Products, Inc. Die construction for pressure injection molding machines. 2,773,284, 12-11-56, Cl. 18-30.
- Kelly, Girardin J., to American Cast and Foundry Co. Tool for inserting during. 2,770,032, 11-13-56, Cl. 29-235.
- Kelly, Gordon E., to Radio Corp. of America. Television color synchronization. 2,751,430, 6-19-56, Cl. 178-5.4.
- Kelly, Gordon E., and R. D. Flood, to Radio Corp. of America. Electron beam convergence systems. 2,757,609, 3-6-56, Cl. 315-13.
- Kelly, Henry L. Running board handling attachment for lift trucks. 2,735,563, 2-21-56, Cl. 214-620.
- Kelly, Henry W. Oil burner. 2,732,892, 1-31-56, Cl. 158-91.
- Kelly, Herbert L., *See*—
- Weesner, Robert J., and Kelly. 2,748,299.
- Kelly, Hugh P., to Bell Telephone Laboratories, Inc. Phase and transmission measuring system. 2,760,155, 8-21-56, Cl. 324-57.
- Kelly, Jack J., to Bendix Aviation Corp. Starter control system. 2,742,758, 4-24-56, Cl. 60-39.14.
- Kelly, Joe T., and R. J. Lee, to The American Oil Co. Motor containing alkylate of isobutane and thermally cracked naphtha. 2,758,960, 8-14-56, Cl. 196-150.
- Kelly, Joe T., F. T. Wadsworth, and R. J. Lee, to The American Oil Co. Dehydroalkylation process. 2,759,027, 8-14-56, Cl. 260-671.
- Kelly, John M., *See*—
- Olson, Elmer, Kelly, Gibbs, and Reppert. 2,732,038.
- Reppert, Erwin J., and Kelly. 2,735,643.
- Kelly, Joseph J. Combination suction roll and silencing and cleaning means. 2,772,606, 12-4-56, Cl. 92-53.
- Kelly, Joseph M. Self-setting fishhook. 2,733,539, 2-7-56, Cl. 43-44.82.
- Kelly, Joseph M., Jr., to the United States of America as represented by the United States Atomic Energy Commission. Magnetic field measuring device. 2,743,416, 4-24-56, Cl. 324-43.
- Kelly, Leonard B., *See*—
- Sturges, George C., and Kelly. 2,737,744.
- Kelly, Paul C. Collapsible car crib. 2,757,387, 8-7-56, Cl. 179-104.11.
- Kelly, Pennell C., *See*—
- Yates, William F., and Kelly. 2,752,295.
- Kelly, Ray S., *See*—
- Ayres, Nancy. 2,736,899.
- Kelly, Robert M., *See*—
- Tawney, Pliny O., and Kelly. 2,745,841.
- Kelly, Stanley, to Cosmocord Ltd. Mechanical coupling devices. 2,749,131, 6-5-56, Cl. 274-37.
- Kelly, Stanley, and J. W. Brownlee, to Cosmocord Ltd. Electromechanical transducers. 2,771,514, 11-20-56, Cl. 179-100.41.
- Kelly, Stanley, and J. W. Brownlee, to Cosmocord Ltd. Electromechanical transducers. 2,771,515, 11-20-56, Cl. 179-100.41.
- Kelly, Walter W., to Food Machinery and Chemical Corp. Cherry orienting and feeding mechanism for a turret type pitter. 2,759,509, 8-21-56, Cl. 146-18.
- Kelly, William. Building construction. 2,748,592, 6-5-56, Cl. 242-107.
- Kelly, William E. Reel threader. 2,742,243, 4-17-56, Cl. 242-107.
- Kelly, William H., to Cohoes Carrybag Co., Inc. Lock-top envelope. 2,745,595, 5-15-56, Cl. 229-77.
- Kry, Walter. Method of making molded plastic washing machine agitator. 2,748,045, 5-29-56, Cl. 154-110.
- Kelly, Winton J., *See*—
- Brown, Lowell R., and Kelly. 2,775,760.
- Kelman Electric and Mfg. Co., *See*—
- McLellan, William H. 2,753,494.
- Kelman, Robert B., *See*—
- Linkers, George E., and Kelman. 2,768,567.
- Kelnhofer, Leo C. Portable and collapsible summer house. 2,765,498, 10-9-56, Cl. 20-2.



- Kelp, Robert : *See*—  
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- Kelsey, Leroy W., to Bell Telephone Laboratories, Inc. Torpedo-steering control system. 2,766,713, 10-16-56, Cl. 114—23.
- Kelsey, Clarence P. Draw span locking device. 2,759,430, 8-21-56, Cl. 104—131.
- Kelsey-Hayes Wheel Co. : *See*—  
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- Ayers, David T., Jr. 2,731,797.
- Ayers, David T., Jr. 2,763,989.
- Ayers, David T., Jr. 2,767,548.
- Ayers, David T., Jr., and Hill. 2,770,223.
- Rehm, Charles M. 2,746,644.
- Brelsford, Charles G. 2,746,531.
- Getz, Delmond L., and Hedges. 2,759,533.
- Getz, Delmond L., and Hedges. 2,760,564.
- Getz, Delmond L., and Ridgway. 2,751,108.
- Hibbard, Thomas L. 2,754,939.
- Ingres, Jemot G. 2,766,852.
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- Sharpe, Frederick P. 2,771,173.
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- Snclair, Charles W. 2,758,675.
- Underwood, Ivan L., and Sulga. 2,755,124.
- Whitten, Owen M. 2,757,947.
- Kelsey, William E., and A. H. Winkler, to Bendix Aviation Corp. Nozzle. 2,753,218, 7-3-56, Cl. 299—120.
- Kelam, William E., to Combined Metals Reduction Co. Coiled tube continuous centrifuge. 2,730,299, 1-10-56, Cl. 233—3.
- Kelsey, William H., to Combined Metals Reduction Co. Froth flotation machine with liquid level control weir. 2,765,078, 10-2-56, Cl. 109—169.
- Kelso, James V., and I. Hamel, to Vickers Inc. Seal assembly. 2,742,306, 4-17-56, Cl. 286—15.
- Keltie, George R., to American Wringer Co., Inc. Girdle garter fastener. 2,732,604, 1-31-56, Cl. 24—245.
- Keltner, James P. Magnetic density servo unit. 2,758,484, 8-14-56, Cl. 74—378.
- Kelto, Rudolph E., to Cutler-Hammer, Inc. Cover retaining means for electric switch housings. 2,765,382, 10-2-56, Cl. 200—168.
- Kelton Corp. Ltd. : *See*—  
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- Kelvin & Hughes Ltd. : *See*—  
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- Kel-Win Mfg. Co., Inc. : *See*—  
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- Kemlite Laboratories : *See*—  
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- Kemma, Erich, and W. Vogel, to Demag-Zug G. m. b. H. Clutch drive for hoisting gear. 2,737,277, 3-6-56, Cl. 192—103.
- Kemmerer, Ralph R., to Westinghouse Air Brake Co. Apparatus for controlling highway crossing signals. 2,760,054, 8-21-56, Cl. 246—130.
- Kemmertmüller, Roland, to Waagner-Biro Aktiengesellschaft. Heat exchanger. 2,761,526, 9-4-56, Cl. 183—32.
- Kemmler, Harry E. : *See*—  
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- Cornell, John A., and Kemmler. 2,733,157.
- Kemnitz, Warren N. : *See*—  
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- Kemp, C. M., Mfg. Co. The : *See*—  
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- Kemp, Hollis E., to G. J. and G. M. Taylor. Garbage can holder. 2,747,899, 9-25-56, Cl. 248—147.
- Kemp, Jacob D., to California Research Corp. Hydrocarbon purification. 2,758,142, 8-7-56, Cl. 260—676.
- Kemp, John M., Jr. Method of and apparatus for pre-fabricating wall structures. 2,754,862, 7-17-56, Cl. 144—288.
- Kemp, Lebeus C., Jr., to The Texas Co. Process for transporting acetylene. 2,730,438, 1-10-56, Cl. 48—190.
- Kemp, Lyman N. Soil and compost shredder with foreign object discharge door. 2,756,001, 7-24-56, Cl. 241—82.
- Kemp, Peter H. : *See*—  
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- Kemp, William J., to Molins Machine Co., Ltd. Cigarette feeding apparatus. 2,759,309, 8-21-56, Cl. 53—151.
- Kemp, Woodrow E., to Koppers Co., Inc. Process of decolorizing tar base distillates with aldehydes. 2,744,857, 5-8-56, Cl. 202—57.
- Kempe, John G. : *See*—  
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- Kempe, Robert A., and G. W. Croninger, to Thompson Products, Inc. Coated refractory body. 2,763,919, 9-25-56, Cl. 29—195.
- Kemper, Eugen : *See*—  
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- Kemper, Homer C. Liquid fuel burner. 2,752,990, 7-3-56, Cl. 158—53.
- Kemper, James M. : *See*—  
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- Kemper, Richard A., and Kemper. 2,737,636.
- Kemper, James M., and R. A. Fischer, to The Garrett Corp. Pressure regulating mechanism. 2,749,828, 6-12-56, Cl. 98—15.
- Kemper, Maxwell F. Method of and apparatus for mixing concrete. 2,739,797, 3-27-56, Cl. 259—161.
- Kemper, Maxwell F. Apparatus for controlling the feed of liquid to concrete mixers. 2,748,990, 6-5-56, Cl. 222—373.
- Kemper, Maxwell F. Apparatus for controlling the application of concrete in the lining of tunnels. 2,753,220, 7-3-56, Cl. 302—52.
- Kemper, Ronald J. Self-coupling tractor hitch member opened by complementary hitch member. 2,772,896, 12-4-56, Cl. 280—510.
- Kempf, Adolph : *See*—  
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- Kempf, Norman W., and P. J. Downey, to General Foods Corp. Finished chocolate product. 2,760,867, 8-28-56, Cl. 99—24.
- Kempmeyer, Preston M. : *See*—  
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- Kemphorne, James L., and F. M. Stumpf, said Stumpf to United States Mineral Wool Co. Apparatus for use in spraying of lightweight particles through a conveyor hose. 2,754,155, 7-10-56, Cl. 302—20.
- Kempton, Albert E., to Pope Machinery Corp. Housing for spindle motor. 2,745,026, 5-8-56, Cl. 310—89.
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- Kence Products Corp. : *See*—  
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- Steele, Vernon P. 2,752,072.
- Kendall, Burt C. : *See*—  
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- Kendall Co., The : *See*—  
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- Reymes-Cole, Bernard T. R. 2,747,390.
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- Stanford, Ralph B. 2,741,569.
- Kendall, Edgar H., to Salem-Brosius, Inc. Production apparatus for shell casings and the like. 2,731,859, 1-24-56, Cl. 79—9.
- Kendall, Edgar H. Wheel rolling mill. 2,763,168, 9-18-56, Cl. 80—16.
- Kendall, Edward H., to The Fellows Gear Shaper Co. Saddle traversing mechanism for gear shapers and the like. 2,749,805, 6-12-56, Cl. 90—7.
- Kendall, Ernest G. : *See*—  
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- Kendall, Fred E. : *See*—  
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- Kendall, Fred E., and P. Golar, to The E. F. Hauserman Co. Sound deadening composition. 2,756,159, 7-24-56, Cl. 106—34.
- Kendall, George A., and A. W. Chriscaden, to Wickes Brothers, Division of The Wickes Corp. Mechanical movement. 2,757,546, 8-7-56, Cl. 74—96.
- Kendall, Hugh C., to General Railway Signal Co. Electronic shunt detector for a code communication system. 2,731,623, 1-17-56, Cl. 340—163.
- Kendall, Hugh C., to General Railway Signal Co. Inductive train brake control system. 2,768,286, 10-23-56, Cl. 246—63.
- Kendall, Hugh C., and F. P. Zaffarano, to General Railway Signal Co. Car signalling system for railroads. 2,731,552, 1-17-56, Cl. 246—63.
- Kendall, James M., to the United States of America as represented by the Secretary of the Navy. Device for measuring minute linear movement. 2,742,633, 4-17-56, Cl. 340—187.
- Kendall, John D., and G. E. Duffin, to Ilford Ltd. Pyrazolines. 2,740,793, 4-3-56, Cl. 260—310.
- Kendall, John D., and A. Joseph, to Ilford Ltd. Photographic developing compositions. 2,753,265, 7-3-56, Cl. 95—88.
- Kendall, Julius : *See*—  
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- Kendall, Myron A., and A. D. Sindin, to Stephens-Adamson Mfg. Co. Transportation apparatus. 2,756,686, 7-31-56, Cl. 104—25.
- Kendall, Osmond. Method and apparatus for producing sounds. 2,734,100, 2-7-56, Cl. 179—1.
- Kendall, Paul D. : *See*—  
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- Kendall, William B., to Eastman Kodak Co. Photographic antipollumping agents and emulsions containing them. 2,743,184, 4-24-56, Cl. 95—7.
- Kendall, William J. : *See*—  
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- Kendick Mfg. Co., Inc. : *See*—  
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- Kendig, Karl L., to Edmont Mfg. Co. Packaging of gloves. 2,757,791, 8-7-56, Cl. 206—46.

- Kenerson, Stanley M., to Metocraft Alloy Corp. Recoilless hammer head construction. 2,737,216, 3-5-56, Cl. 145-29.
- Kenick, Walter B., to W. M. Welch Mfg. Co. Sensitive relay. 2,774,843, 12-18-56, Cl. 200-110.
- Kenington, Cloyd: *See*—  
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- Kenington, John and C. Can and bottle opener. 2,733,505, 2-7-56, Cl. 30-32.
- Kenison, Elden R.: *See*—  
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- Kenjosi, Nicholas, to Avco Mfg. Corp. Husking attachment for tractor mounted corn harvesters. 2,763,976, 9-25-56, Cl. 56-18.
- Kenmore, Herbert, and W. J. Manson, to National-Standard Co. Bath structure for treating wire in the form of a helical coil. 2,748,784, 6-5-56, Cl. 134-54.
- Kenmore, Herbert, and W. J. Manson, to National-Standard Co. Process and apparatus for simultaneously drawing and plating wire. 2,762,763, 9-11-56, Cl. 204-28.
- Kenna, Edgar D., Jr.: *See*—  
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- Kennametal Inc.: *See*—  
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- McVeigh, John R. 2,757,901.
- Kennard, Kenneth E., and C. D. Wise, to Sprayers & Nozzles, Inc. Spray nozzle assembly. 2,767,022, 10-16-56, Cl. 299-84.
- Kennatrack Corp.: *See*—  
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- Kennedy, Benedict T., to Hoffman Electronics Corp. Packaging for electronic equipment or the like. 2,771,937, 11-27-56, Cl. 206-46.
- Kennedy, Charles H., Jr., and W. H. Wade, to Smith-Corona Inc. Power mechanism for typewriting machines. 2,734,613, 2-14-56, Cl. 197-17.
- Kendy, Charles J., to Collins Radio Co. Tracking mechanism. 2,746,151, 5-22-56, Cl. 33-1.
- Kennedy, Charles J., to Radio Corp. of America. Web motion sensor. 2,773,753, 12-25-56, Cl. 340-259.
- Kennedy, Charles T. Vehicle wheel. 2,775,282, 12-25-56, Cl. 152-14.
- Kennedy, David P., to Raytheon Mfg. Co. Communication systems. 2,774,941, 12-18-56, Cl. 332-5.
- Kennedy, Frank J., to National Electric Products Corp. Automatic apparatus for simultaneously encasing inside and outside electric conduits. 2,742,017, 4-17-56, Cl. 118-9.
- Kennedy, Frank J., to National Electric Products Corp. Continuous tube welding apparatus with multi-stage heating. 2,748,734, 6-5-56, Cl. 113-33.
- Kennedy, Frank J., to National Electric Products Corp. Outlet for underfloor header duct. 2,763,294, 9-18-56, Cl. 138-92.
- Kennedy, Frank J., to National Electric Products Corp. Electrical raceway with reduced inside friction. 2,767,239, Cl. 1-1-56, Cl. 174-34.
- Kennedy, George W.: *See*—  
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- Kennedy, Gertrude E., and J. Hawkins, to R. E. Cunningham. Bobby pin holder. 2,775,243, 12-25-56, Cl. 132-1.
- Kennedy, Irving G.: *See*—  
Ives, Milo W. 2,771,796.
- Kennedy, J. J., Corp. The: *See*—  
Maroth, Arthur M. 2,772,765.
- Kennedy, Jack R.: *See*—  
Craggs, Joseph, and McCann. 2,729,065.
- Kennedy, Jack R. and S. F. Mine stopping. 2,729,064, 1-3-56, Cl. 61-45.
- Kennedy, Jack R. and S. F. Ventilation system for mines. 2,729,066, 1-3-56, Cl. 61-45.
- Kennedy, James S.: *See*—  
Russell, John C., and Kennedy. 2,769,542.
- Kennedy, Jerome F. Holders for containers. 2,754,009, 7-10-56, Cl. 211-74.
- Kennedy, Joseph E. Method of reclaiming fibrous material from waste dumps. 2,743,012, 4-24-56, Cl. 200-11.
- Kennedy, Joseph E. Caustic lime producing plant and process. 2,760,768, 8-28-56, Cl. 263-32.
- Kennedy, Merritt T., Jr. Pail. 2,755,838, 7-24-56, Cl. 178-61.
- Kennedy, Merritt T., Jr., and A. C. Allen, to Pyrate Sales, Inc. Safety lighting unit. 2,747,078, 5-22-56, Cl. 240-11.3.
- Kennedy, Peter J., to the United States of America as represented by the Secretary of the Army. Constant exposure device for motion picture cameras. 2,764,056, 9-25-56, Cl. 88-16.
- Kennedy, Ralph C., to Radio Corp. of America. Color television signalling apparatus. 2,751,431, 6-19-56, Cl. 178-54.
- Kennedy, Robert M., to Sun Oil Co. Manufacture of hydrozine. 2,767,057, 10-16-56, Cl. 23-190.
- Kennedy, Robert M., and A. Schneider, to Sun Oil Co. Method of conducting hydrocarbon reactions. 2,767,228, 10-16-56, Cl. 260-666.
- Kennedy, Robert M., and C. K. Donnell, to Sun Oil Co. Separation of polyalkyl aromatic hydrocarbons. 2,767,231, 10-16-56, Cl. 260-672.
- Kennedy, Roger A. Battery current leak indicator. 2,759,176, 8-14-56, Cl. 340-248.
- Kenny, Rollis A.: *See*—  
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- Kennedy, Samuel F.: *See*—  
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- Kennedy, Jack R. and S. F. 2,729,064.
- Kennedy, Jack R. and S. F. 2,729,066.
- Kennedy, Theodore R., to Ajax Electrothermic Corp. Induction furnace. 2,755,326, 7-17-56, Cl. 13-27.
- Kennedy Valve Mfg. Co. The: *See*—  
Morken, Carl H. 2,774,475.
- Kennedy-Van Saun Mfg. & Eng. Corp.: *See*—  
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- Kentley, Wallace M., to General Motors Corp. Hydraulic governor. 2,736,805, 2-28-56, Cl. 123-103.
- Kennedy, Walter D., and S. A. J. Fenton, to Chemische Fabriek L. van der Grinten N. V. Photographic contact printing apparatus. 2,743,653, 5-1-56, Cl. 95-77.5.
- Kennedy, Walter V.: *See*—  
Hockett, Carl G., Kennedy, and Vander Pyl. 2,771,119.
- Kennedy, Walter V., to Fram Corp. Pleated paper filter element. 2,731,108, 1-17-56, Cl. 133-71.
- Kennedy, Walter V., to Fram Corp. Filter for liquids. 2,731,159, 1-17-56, Cl. 210-165.
- Kennedy, Walter V., to Barber-Colman Co. Adjustable air distribution unit. 2,737,106, 3-6-56, Cl. 98-40.
- Kennel, William E., to Standard Oil Co. Production of alcohols of high purity by improved oxo process. 2,744,939, 5-8-56, Cl. 290-638.
- Kennelly, Jeremiah D., to Mars Signal-Light Co. Lamp supporting arrangement for enclosed rotating signal light. 2,762,994, 9-11-56, Cl. 340-50.
- Kennel, W. H. Sanitary belt. 2,745,406, 5-15-56, Cl. 128-291.
- Kenner, George W., to National Research Development Corp. Peptide and polypeptide production. 2,766,225, 10-9-56, Cl. 260-12.
- Kennery, George W., and E. O. Hook, to American Cyanamid Co. Antioxidant compositions. 2,739,122, 3-20-56, Cl. 252-32.7.
- Kennery, George W., and G. L. M. Christopher, to American Cyanamid Co. Antioxidant compositions. 2,739,123, 3-20-56, Cl. 252-32.7.
- Kennerson, Cecil: *See*—  
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- Kennette, Heath O., C. H. Plummer, and J. J. Smith, to Chicopec Mfg. Corp. Method of making nonwoven fabric. 2,737,379, 1-17-56, Cl. 19-158.
- Kenny, Clarence E., to Allis-Chalmers Mfg. Co. Liquid supply means for a rotary machine. 2,735,367, 2-21-56, Cl. 103-4.
- Kenny, John E., 15%, to A. L. Kenworthy. Compound spray nozzles. 2,760,821, 8-28-56, Cl. 299-86.
- Kenny, Mahlon W., to J. P. Seeburg Corp. Transfer arm for automatic phonographs. 2,760,780, 8-28-56, Cl. 274-1.
- Kenny, Robert W., to S. G. Harwood. Control for separator drum. 2,737,230, 1-17-56, Cl. 137-204.
- Kenny, Robert W., to S. G. Harwood. Automatic control for liquid supplying conduit. 2,735,442, 2-21-56, Cl. 137-413.
- Kenny, Robert W., to S. G. Harwood. Control for separator. 2,758,717, 8-14-56, Cl. 210-54.
- Kenny, Robert W., to S. G. Harwood. Discharge valve for separator. 2,767,955, 10-23-56, Cl. 251-29.
- Kenny, Russell M. Jig for assembling instrument rotors and hairsprings. 2,729,181, 1-3-56, Cl. 113-99.
- Kennison, Hugh F., to Lock Joint Pipe Co. Apparatus for forming concrete pipes and other hollow bodies. 2,730,783, 1-17-56, Cl. 25-30.
- Kennon, Nell A. Lint remover. 2,758,327, 8-14-56, Cl. 15-104.
- Kennon, Woodrow A. Device for treating soil. 2,763,991, 9-25-56, Cl. 61-13.
- Kenny, Charles R., to Sperry Rand Corp. Sweep arrangements for servo systems. 2,729,745, 1-3-56, Cl. 250-36.
- Kenny, Clarence E., and C. L. Ringle, to Allis-Chalmers Mfg. Co. Valve actuating means. 2,746,711, 5-22-56, Cl. 251-28.
- Kenro Corp.: *See*—  
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- Kensington Steel Co.: *See*—  
Bauer, Eugene C., Jr. 2,743,140.
- Kensmoor, Wallace H. Saw set. 2,741,935, 4-17-56, Cl. 76-65.
- Ken-Tool Mfg. Co. The: *See*—  
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- Kent, Donald W.: *See*—  
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- Seifert, William C. 2,752,738.
- Kent, Earle L., E. E. Long, and T. H. Kirchner, to C. G. Conn Ltd. Key coupling apparatus. 2,741,670, 4-10-56, Cl. 20-1.
- Kent, Floyd A.: *See*—  
Kyselka, James L., and Kent. 2,752,090.
- Kyselka, James L., and Kent. 2,755,017.
- Kent, Francis J.: *See*—  
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- Kent, George, Ltd.: *See*—  
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- Kent, Hans F.: *See*—  
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- Kent Mfg. Corp.: *See*—  
Batcheller, Hugh W. 2,742,628.
- Batcheller, Hugh W. 2,747,170.
- Batcheller, Hugh W. 2,770,790.
- Batcheller, Hugh W. 2,770,791.
- Batcheller, Hugh W. 2,770,792.
- Batcheller, Hugh W. 2,774,055.
- Batcheller, Hugh W. 2,774,952.
- Kent, Melvin R. Tool for cleaning surfaces of thin wall elements. 2,733,558, 2-7-56, Cl. 51-186.



- Kent-Moore Organization, Inc.: *See*—  
Pietzing, Henry V. 2,753,668.  
Pietzing, Henry V. 2,746,930.  
Pyciak, Roman J. 2,780,842.
- Kent, Moss A. Vacuum cleaner blower. 2,731,194, 1-17-56, Cl. 230-117.
- Kent, Nelson H., and C. Arner, to Rolls-Royce Ltd. Structural elements for turbo-machines such as compressors or turbines of gas-turbine engines. 2,772,856, 12-4-56, Cl. 253-78.
- Kent, Samuel J., and A. J. Sower. Carpet anchor strip machine. 2,752,597, 7-3-56, Cl. 1-92.
- Kent, Sheldon E.: *See*—  
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- Kent, Violet B.: *See*—  
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- Kentworth Corp.: *See*—  
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- Kenty, Carl, to General Electric Co. Metallic flame radiation. 2,730,645, 1-10-56, Cl. 313-185.
- Kenty, Carl, and D. A. Larson, to General Electric Co. Method and apparatus for making high pressure mercury vapor lamps. 2,750,424, 1-10-56, Cl. 316-26.
- Kentz, D. Carl, and D. A. Larson, to General Electric Co. High pressure mercury vapor lamp with zirconium getter. 2,749,462, 6-5-56, Cl. 313-25.
- Kenworth Motor Truck Co., Division of Pacific Car and Foundry Co.: *See*—  
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- Kenworth Motor Truck Corp.: *See*—  
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- Kenworthy, Alfred L.: *See*—  
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- Kenworthy, Edward H., Breath, operated switch for musical instruments. 2,774,834, 12-18-56, Cl. 200-52.
- Kenyon, David E., to Sperry Rand Corp. Teledata system. 2,736,007, 2-21-56, Cl. 340-183.
- Kenyon Instrument Co., Inc.: *See*—  
Jones, David W. 2,729,226.  
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Tuttle, Clifford M., and Kenyon. 2,755,715.
- Kenyon, Theodore W., to Tactair, Inc. Tactile control indicator. 2,754,505, 7-10-56, Cl. 340-407.
- Kenyon, William A. Machine for forming an overlapping joint in a belt. 2,765,837, 10-9-56, Cl. 154-1.
- Kenyon, William, D.: *See*—  
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- Kenyon, William O., G. P. Waugh, and E. W. Taylor, to Eastman Kodak Co. Preparation of polyvinyl alcohol with water washing of gel. 2,759,914, 8-21-56, Cl. 260-91.3.
- Keonjian, Edward, to General Electric Co. Amplitude stabilizing transistor oscillator circuit. 2,760,070, 8-21-56, Cl. 250-36.
- Keonjian, Edward, and J. J. Suran, to General Electric Co. Wave generating network. 2,774,875, 12-18-56, Cl. 250-36.
- Keough, Frank J., to Tejax Engineering Corp. Gauge for calibrating rotary movement. 2,752,878, 7-3-56, Cl. 116-125.
- Keplinger, Jerald J.: *See*—  
Majo, Freeman C. 2,736,036.
- Kepper, Carl L., to Caterpillar Tractor Co. Reversible implement arm mounting for tractors. 2,764,824, 10-2-56, Cl. 37-144.
- Kepper, Werner. Shopping, travelling or beach bag. 2,729,257, 1-3-56, Cl. 150-1.7.
- Kepple, Charles G., to Westinghouse Electric Corp. Thermoset synthetic resin laminate with special surface and method of making same. 2,739,881, 9-27-56, Cl. 41-42.
- Kepple, Charles G., and W. C. Weltman, to Westinghouse Electric Corp. Thermoset synthetic resin laminate with undercut surface and method of making same. 2,768,923, 10-30-56, Cl. 154-106.
- Kepple, Paul: *See*—  
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- Kerag Kesselschmiede, Apparate- und Maschinenbau: *See*—  
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- Kerck, Arthur, to W. W. Hicks. Electric load regulator. 2,736,844, 2-28-56, Cl. 317-157.
- Kercheval, John O.: *See*—  
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- Kerensky, Gleb, to The English Electric Co. Ltd. Hydraulic discharge regulators. 2,742,324, 4-17-56, Cl. 290-118.
- Kerr, Edward A. Indicating instrument. 2,741,743, 4-10-56, Cl. 324-140.
- Kern, Erwin, to Aktiengesellschaft Brown, Boveri & Cie. Electronic converter network for A. C. motor. 2,729,776, 1-3-56, Cl. 318-138.
- Kern, Raymond T., Jr.: *See*—  
Gottshall, Ralph I., and Kern. 2,767,144.
- Kern, Roland J.: *See*—  
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- Kern, Roland J., to Monsanto Chemical Co. Metal mercaptides as photosensitizers in photopolymerization. 2,738,319, 3-1-56, Cl. 260-158.
- Kern, Roland J., to Monsanto Chemical Co. Thermal polymerization of acrylonitrile, methacrylonitrile, and lower alkyl methacrylates using benzothiazolyl disulfide compounds as initiator. 2,754,290, 7-10-56, Cl. 260-88.7.
- Kern, Roland J., to Monsanto Chemical Co. Photopolymerization initiators. 2,773,822, 12-11-56, Cl. 204-158.
- Kern, Roy J. Hinged gooseneck for trailer. 2,754,987, 7-17-56, Cl. 214-505.
- Kern, Stuart R., to General Motors Corp. Intake manifold. 2,766,748, 10-16-56, Cl. 123-122.
- Kern, Wally F.: *See*—  
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- Kern, Walter, and W. Jenny, to Ciba Ltd. Process of making amino-anthraquinones. 2,738,354, 3-13-56, Cl. 260-371.
- Kernahan, John J., and J. C. Lozier, to Bell Telephone Laboratories, Inc. Digital to analogue converter with digital feedback control. 2,775,727, 12-25-56, Cl. 318-28.
- Kerns, William B.: *See*—  
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- Kernan, William, to Skenandoa Rayon Corp. Control for creeping traverse for rayon pot spinning machines. 2,737,352, 3-6-56, Cl. 242-43.3.
- Kernicki, Walter. Spare key holder. 2,734,624, 2-14-56, Cl. 206-38.
- Kernjagk, Anthony A., to The Trane Co. Condenser and fan arrangement in refrigeration apparatus. 2,758,453, 8-14-56, Cl. 62-117.
- Kerns, Homer: *See*—  
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- Kerns, Quentin A.: *See*—  
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Lawrence, Ernest O., and Kerns. 2,773,195.  
Winningsdale, Chester N., and Kerns. 2,771,582.
- Kerns, Quentin A., to the United States of America as represented by the United States Atomic Energy Commission. Electronic analyzer. 2,743,371, 4-24-56, Cl. 250-41.9.
- Kerns, Quentin A., to the United States of America as represented by the United States Atomic Energy Commission. Method and apparatus for measuring electrical current. 2,760,158, 8-21-56, Cl. 324-39.
- Kerns, Quentin A., to the United States of America as represented by the United States Atomic Energy Commission. Method of routing. 2,732,771, 1-31-56, Cl. 90-14.
- Keroplan, Michael. Orthopedic brace for the hand. 2,767,708, 10-23-56, Cl. 128-77.
- Kerr, Charles E., to Food Machinery and Chemical Corp. Machine for dispensing fluids. 2,756,916, 7-31-56, Cl. 226-97.
- Kerr, Charles E., to Food Machinery and Chemical Corp. Carton erecting apparatus. 2,762,274, 9-11-56, Cl. 93-53.
- Kerr, Charles E., to Food Machinery and Chemical Corp. Carton opening mechanism. 2,765,715, 10-9-56, Cl. 93-53.
- Kerr, Charles E., and R. K. Galoway, to Food Machinery and Chemical Corp. Carton feeding device. 2,749,118, 6-5-56, Cl. 271-12.
- Kerr, George R.: *See*—  
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- Kerr, Glenn W.: *See*—  
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- Stephens, Joseph F., Higgins, Tilbrook, and Kerr. 2,742,240.
- Kerr, Henry H., A. E. Benson, S. P. Bower, and L. E. Siess, to United States Rubber Co. Pneumatic tire. 2,748,827, 6-5-56, Cl. 152-341.
- Kerr, H. E., J. Kieber, Jr., and S. H. S. Raub, to Union Carbide and Carbon Corp. Pipe threading die head assembly. 2,744,269, 5-8-56, Cl. 10-123.
- Kerr-McGee Oil Industries, Inc.: *See*—  
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Pickell, Marion W. 2,748,011.  
Pickell, Marion W. 2,752,264.
- Kerr, Paul F., to Texaco Development Corp. Detection and measurement of penetrative radiation. 2,765,411, 10-2-56, Cl. 250-71.
- Kerr, Ralph W., to Corn Products Refining Co. Process for the production of cold water dispersible starch products and the products thereof. 2,732,309, 1-24-56, Cl. 106-213.
- Kerr, Ralph W., and W. A. Faucette, to Corn Products Refining Co. Reaction of starch and alkylene oxides. 2,733,238, 1-31-56, Cl. 260-233.3.
- Kerr, Robert E. Replicable tip welding electrodes. 2,761,953, 9-4-56, Cl. 219-120.
- Kerr, Robert L., to Adrema Ltd. Sheet feeding devices in addressing and like machines. 2,730,361, 1-10-56, Cl. 271-45.
- Kerr, Samuel, to Monroe Calculating Machine Co. Predetermined value entering means for accounting machines. 2,746,876, 5-22-56, Cl. 235-60.47.
- Kerr, Thomas A., to American Cyanamid Co. Transformer water detector. 2,743,432, 4-24-56, Cl. 340-235.
- Kerr, Wallace B. Grip buggies and ejector for draw benches. 2,731,141, 1-17-56, Cl. 205-24.
- Kerr, Wallace B. Machine for die drawing metal tubes. 2,764,279, 9-25-56, Cl. 205-7.
- Kerr, Wallace B. Self-positioning limit switch for draw benches. 2,767,289, 10-16-56, Cl. 200-61.41.
- Kerr, Walter T. Ditcher bucket. 2,753,978, 7-10-56, Cl. 19-14.
- Kerr Wire Products Co., The: *See*—  
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- Kerrigan, James V.: *See*—  
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- Kershaw Mfg. Co., Inc.: *See*—  
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- Kershaw, Margaret E.: *See*—  
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- Kershaw, Peter L., to Tinsley (Industrial Instruments) Ltd. Optical pyrometers. 2,750,837, 6-19-56, Cl. 88-22.5.





- Keyser, Johann J., to Schless Aktiengesellschaft. Lap or bobbin feed system for spinning machines. 2,769,209, 11-6-56, Cl. 19—130.
- Keyssner, Ernst: *See*—
- Ker, Rudolf, Keyssner, Muenster, and Pfaff. 2,738,030.
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- Burkhart, Harold N. 2,762,326.
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- Khalil, Seyed. Trousers and support therefor. 2,742,647, 9-24-56, Cl. 2—236.
- Kharasch, Morris S., and W. Nudenberg, to Emulsol Chemical Corp. Synthetic rubber latices. 2,739,136, 3-20-56, Cl. 260—29.6.
- Kharasch, Morris S., and W. Nudenberg, to Emulsol Chemical Corp. Synthetic rubber latices. 2,739,138, 3-20-56, Cl. 260—29.7.
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- Kholucy, Ralph H., to Alan Muntz & Co. Ltd. Starting of internal-combustion-operated free-piston engines. 2,754,654, 7-17-56, Cl. 60—14.
- Kiba, Yoneo, to Continental Plastics Corp. Hinge structure for molded boxes. 2,734,222, 2-14-56, Cl. 16—128.
- Kiba, Yoneo, to Continental Plastics Corp. Plastic hinge construction for molded plastic receptacles. 2,762,076, 9-11-56, Cl. 128.
- Kibbel, William H., Jr.: *See*—
- Easton, Bernard K., and Kibbel. 2,740,689.
- Kibbie, William H.: *See*—
- Bellini, Robert, and Kibbie. 2,731,291.
- Kibby, Robert M., to Reynolds Metals Co. Wiring arrangement for a series of electrolytic cells. 2,761,830, 9-4-56, Cl. 204—244.
- Kibler, Frederick W., and W. J. McNiff; said McNiff assignor to said Kibler. Tension release clip. 2,768,468, 10-30-56, Cl. 43—43.12.
- Kibler, Frederick W., and W. J. McNiff. Bulb protector. 2,774,049, 12-11-56, Cl. 839—75.
- Kibler, Louis E., and R. A. Sindall, Jr., to A. K. Robins & Co., Inc. Pickle feeder. 2,737,286, 3-6-56, Cl. 198—30.
- Kibler, Paul J., to Hughes Aircraft Co. Radar lock-on responsive control circuit. 2,761,130, 8-28-56, Cl. 343—7.3.
- Kibler, Richard W.: *See*—
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- Kibort, Vincetta: *See*—
- Ipatieff, Vladimir N., Pines, and Kvetniskas. 2,758,140.
- Pines, Herman, and Ipatieff. 2,753,380.
- Kick, Robert J.: *See*—
- Shaw, Arthur R., and Kick. 2,762,118.
- Kickbusch, William J. Portable lawnmower sharpener. 2,747,344, 5-29-56, Cl. 51—250.
- Kidd, Alexander C. Pipe coverings. 2,756,172, 7-24-56, Cl. 154—44.
- Kidd, Alexander C., to Insul-Fil Co., Inc. Insulation for underground conduits and method of producing the same. 2,774,383, 12-18-56, Cl. 138—68.
- Kidd, Marshall C., to Radio Corp. of America. Card switching device. 2,734,954, 2-14-56, Cl. 200—46.
- Kidd, Marshall C., and W. Hasenberg, to Radio Corp. of America. Junction transistor oscillator circuits. 2,769,906, 11-6-56, Cl. 250—36.
- Kidde, Gustave E., to Kidde Process Corp. Process for treatment of waste pickle liquor. 2,769,689, 11-6-56, Cl. 23—153.
- Kidde Mfg. Co., Inc.: *See*—
- Noe, Harold C. 2,737,034.
- Noe, Harold C. 2,743,596.
- Noe, Harold C. 2,749,729.
- Noe, Harold C. 2,749,730.
- Noe, Harold C. 2,769,324.
- Kidde Process Corp.: *See*—
- Kidde, Gustave E. 2,769,689.
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- Bagno, Samuel M. 2,732,544.
- Bagno, Samuel M. 2,767,393.
- Harness, Wayne E. 2,765,379.
- Stang, Robert A. 2,765,457.
- Kidder, Maude F.: *See*—
- Kidder, Max. 2,744,375.
- Kidder, Max, deceased; M. F. Kidder, administratrix. Corn harvesting picking rolls. 2,744,375, 5-8-56, Cl. 56—104.
- Kidder, Ward R.: *See*—
- Ryerson, John P., Jr., Ballantine, Kidder, and Gibson. 2,728,963.
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- Martin, Mildred C., and Sheaffer. 2,748,501.
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- Kilbourne, Frederick L., Jr., Moroney, and Kidwell. 2,744,079.
- Kidwell, Alfred S., to The Connecticut Hard Rubber Co. Lamination of fluorocarbons such as polytrifluorochloroethylene with other materials. 2,736,680, 2-28-56, Cl. 154—139.
- Kidwell, Alfred S., to The Connecticut Hard Rubber Co. Fuel-resisting articles having low temperature flexibility from halogenated polydimethylsiloxanes. 2,736,720, 2-28-56, Cl. 260—37.
- Kiebler, Le Roy A.: *See*—
- Aldrich, Donovan D., Kiebler, and Weller. 2,747,819.
- Kiebler, Myron W., Jr., and E. B. Euchner, to The Glidden Co. Solution of resin in blown oil treated with Friedel-Crafts catalyst to produce varnish. 2,750,298, 6-12-56, Cl. 106—223.
- Kiehn, Julius: *See*—
- Majer, Albert, Schwab, and Kiechle. 2,772,581.
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- Kiefer, John E.: *See*—
- Touey, George P., and Kiefer. 2,759,787.
- Kiefer, Karl, Machine Co., The: *See*—
- Pechheimer, Paul R., Roweckamp, and Swing. 2,749,007.
- Kiefer, Kurt T., to Kurdon, Inc. Slat link closure. 2,731,082, 1-17-56, Cl. 160—118.
- Kiefer, Kurt T., to Kurdon, Inc. Venetian blind mechanism. 2,768,679, 10-30-56, Cl. 160—172.
- Kiefer, Paul J.: *See*—
- Vogel, William J., Knautz, and Kiefer. 2,770,830.
- Kieffaber, Clarence A., to Stickelber & Sons, Inc. Lid removing device for pans. 2,738,912, 3-20-56, Cl. 226—129.
- Kieffer, Raymond J.: *See*—
- Wilson, Thomas A., Parker, Kieffer, and Gillette. 2,771,735.
- Kieger, Louis C. Hydrant systems. 2,759,639, 8-21-56, Cl. 222—318.
- Kieker, Friedrich W. Sliding doors. 2,774,998, 12-25-56, Cl. 20—24.
- Kiekhaefer Corp.: *See*—
- Alexander, Charles F. 2,755,764.
- Armstrong, Daniel A. 2,760,613.
- Knuth, Carl. 2,771,868.
- Meyer, James A. 2,729,204.
- Purdy, Berton A. 2,752,437.
- Strang, Charles D. 2,755,897.
- Kiekhaefer, Elmer C. Outboard motor unit with inclined steering. 2,739,561, 3-27-56, Cl. 115—18.
- Kiekhaefer, Elmer C. Air-cooled engine and air intake therefor. 2,741,576, 4-10-56, Cl. 123—41.62.
- Kiekhaefer, Elmer C. Resilient propeller mounting and slip clutch responsive to propeller thrust. 2,751,987, 6-26-56, Cl. 170—135.75.
- Kiekhaefer, Elmer C. Transmission case for power chain saw. 2,751,988, 6-26-56, Cl. 143—56.
- Kiekhaefer, Elmer C. Wrap around cowl for an outboard motor. 2,756,736, 7-31-56, Cl. 123—198.
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- Thau, Karl, and Kiel. 2,774,229.
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- Kiel, Havard L., L. A. Harriman, and A. G. Roberts, to Armour and Co. Hide glue manufacture. 2,741,575, 4-10-56, Cl. 195—6.
- Kielenstijn, Hendrikus, to Hartford National Bank and Trust Co., as trustee. Contact member for disc-shaped electrode connections. 2,762,990, 9-11-56, Cl. 339—143.
- Kiember, John F. Bait pail. 2,767,508, 10-23-56, Cl. 43—56.
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- Kienle & Co.: *See*—
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- Kienle, Richard R. Air turbulence producing device. 2,765,028, 10-2-56, Cl. 158—76.
- Kienle, Robert N., to American Cyanamid Co. Process for producing cyclic aliphatic sulfides. 2,766,256, 10-9-56, Cl. 260—327.
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- Haupt, Wilhelm. 2,743,622.
- Meer, Karl. 2,743,987.
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- Kiernan, Thomas F., Jr. Denture construction. 2,745,180, 5-15-56, Cl. 32—10.
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- Kiesel, Kenneth A.: *See*—
- Hayes, Martin E., and Kiesel. 2,748,287.
- Kiesel, Melvin A. Foot stabilizer. 2,771,874, 11-27-56, Cl. 125—25.
- Kieser, Hugo K., to J. M. Voith G. m. b. H., Maschinenfabrik. Stabilizing device for governor systems, especially speed governor systems with yieldable follow-up mechanism. 2,742,879, 4-24-56, Cl. 121—42.
- Kiesow, Arthur L., and P. E. Rehr. Wire straightening and tensioning attachment for baling machine. 2,746,513, 5-29-56, Cl. 153—104.
- Kieskaalt, Siegfried, to N. V. Tema. Process and apparatus for vibratory grinding. 2,760,727, 8-28-56, Cl. 241—27.
- Kietz, Hans, T. Loman, and M. Schumacher, to Atlas-Werke Aktiengesellschaft. Fishnet adjustable in depth. 2,751,703, 6-26-56, Cl. 43—8.
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- Kight, Alonzo B. Pivoted locking bar fastener having C-shaped spring head. 2,769,363, 11-6-56, Cl. 85-3.
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- Kihlgren, Theodore E.: See—  
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- Kihm, Georges A. Closure cap. 2,771,102, 6-19-56, Cl. 215-46.
- Kihn, Albert, and O. Swanson. Door bolt. 2,732,237, 1-24-56, Cl. 292-67.
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- Kilbey, Alfred B., and G. E. Tucker, to Raytheon Mfg. Co. Trigger circuits. 2,745,959, 5-15-56, Cl. 250-27.
- Kilborn, Karl B., and P. D. Sulist, to The Goodyear Tire & Rubber Co. Method and apparatus for building wire reinforced conveyor belts. 2,740,459, 4-3-56, Cl. 13-3.
- Kilbourne, Frederick L., Jr., to The Connecticut Hard Rubber Co. Flexible gaskets. 2,774,621, 12-18-56, Cl. 288-23.
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- Kilbury, Paul D. Heater unit. 2,730,349, 1-10-56, Cl. 263-19.
- Kilby, Jack S., to Globe-Union Inc. Method of manufacturing capacitors. 2,759,854, 8-21-56, Cl. 117-217.
- Kilby, Jack S., to Globe-Union Inc. Fused junction transistor assemblies. 2,762,001, 9-4-56, Cl. 317-235.
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- Kilby, William, and J. L. Harris, to Standfast Dyers & Printers Ltd. Vat dyeing of animal fibers using esters. 2,768,051, 10-23-56, Cl. 26-19.
- Kile, John A., to Nationwide Sales Corp. Hydraulic ram system having conditioning means to resist corrosion. 2,741,091, 4-10-56, Cl. 60-51.
- Kile, Stephen L., to Milwaukee Gas Specialty Co. Pilot burner affording adjustable flame. 2,741,302, 4-10-56, Cl. 158-115.
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- Kilemnick, Maurice. Light diffusing screens for electric discharge tubes. 2,744,190, 5-1-56, Cl. 240-51.11.
- Kiley, Martin C. Sensitive snap-acting room thermostat. 2,750,473, 6-12-56, Cl. 200-138.
- Kilgore, Charles R., to Thompson Products, Inc. Self-contained hydraulic tappet. 2,761,493, 9-4-56, Cl. 123-90.
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- Killian, George P., M. F. Hall, and W. S. Sanders, to Better Boxes, Inc. Pipe joint mold. 2,735,154, 2-21-56, Cl. 25-127.
- Killian, Henry E., 10% to L. Leamon, 20% to Birmingham Vending Co., and 70% to Lambert Music Co. Apparatus for intermittently operating phonographs and the like. 2,757,772, 8-7-56, Cl. 194-15.
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- Killian, Stanley, and J. Long, to Wate Electric Products Co. Circuit continuing device. 2,767,833, 10-16-56, Cl. 339-198.
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- Kilner, William N., to Metropolitan-Vickers Electrical Co. Ltd. Construction of dynamo electric machines. 2,749,457, 6-5-56, Cl. 510-64.
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- Kilpatrick, Donald B. Unloading device. 2,739,836, 3-27-56, Cl. 298-18.
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- Kilpatrick, Myron O., to Phillips Petroleum Co. Water quench and tar remover for cracked gases. 2,747,680, 5-29-56, Cl. 183-2.
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- Kimball, James. Hot and cold water mixing control. 2,753,118, 7-3-56, Cl. 236-12.
- Kimball, Jerome W. Live cricket dispenser. 2,745,209, 5-15-56, Cl. 43-55.
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 King, Archie P., to Bell Telephone Laboratories, Inc. Waveguide mode discriminators. 2,751,561, 6-19-56, Cl. 333-98.  
 King, Archie P., to Bell Telephone Laboratories, Inc. Waveguide mode filter. 2,760,171, 8-21-56, Cl. 333-98.  
 King, Arthur N., and A. C. Wooldridge, to Broadway Maintenance Corp. System and apparatus for control of electrical circuits. 2,757,368, 7-31-56, Cl. 343-225.  
 King, Bertell W. Automobile toll collector with barrier. 2,753,630, 7-31-56, Cl. 39-6.  
 King, Byron W., to Liftmaster System Co. Shipping carton. 2,729,381, 1-3-56, Cl. 229-6.  
 King, Charles C. Manual switch for automobile dome light circuits. 2,732,444, 1-24-56, Cl. 200-16.  
 King, Charles M.: See—  
 King, Clarence C., and King. 2,750,958.  
 2,766,841, 10-16-56, Cl. 182-7.  
 King, Clifford C. Vacuum pump. 2,765,742, 10-9-56, Cl. 103-6.  
 King, David C.: See—  
 Rorer, Raymond H., and King. 2,758,567.  
 King, De Witt L., and R. C. Stutz, to Niagara Blower Co. Method of producing a bladed structure. 2,745,171, 5-15-56, Cl. 29-156.8.  
 King, Donald E.: See—  
 Halter, Allan C., and King. 2,733,397.  
 Halter, Allan C., and King. 2,735,616.  
 King, Donald M. Apparatus for lifting, lowering and otherwise transporting loads. 2,734,648, 2-14-56, Cl. 214-630.  
 King, Donald M. Indexing system for stopping conveyors. 2,741,190, 4-10-56, Cl. 104-93.  
 King, Dudley S.: See—  
 Wiegman, Clarence H., King, Rickenbach, and Rohm. 2,764,247.  
 King, Duncan E., and J. A. McNeilly, to Arthur H. Thomas Co. Manometric apparatus for determining the gas content of liquids. 2,773,747, 12-11-56, Cl. 23-253.  
 King, Edward P., 30% to C. Daniel, 30% to R. W. Peterson, and 10% to Elgin Milk Products Co., Inc. Anti-foam filler means. 2,775,486, 12-25-56, Cl. 299-144.  
 King, Francis A. Holder for shoulder straps of lingerie. 2,765,469, 10-9-56, Cl. 2-2.  
 King, Francis V. Apparatus for developing photographic film and the like. 2,730,027, 1-10-56, Cl. 95-90.5.  
 King, Frank, to Arrow Fastener Co. Inc. Device for stapling wires. 2,754,515, 7-17-56, Cl. 1-49.  
 King, Frank, to Arrow Fastener Co. Inc. Stapling device. 2,757,378, 8-7-56, Cl. 1-49.  
 King, Frank, to The Firestone Tire & Rubber Co. Safety tire. 2,754,876, 7-17-56, Cl. 152-341.  
 King, Frank S., and S. E. Petrasek, to The Firestone Tire & Rubber Co. Tubeless tire. 2,754,875, 7-17-56, Cl. 152-341.

- King, Frederick G., to U. S. Slicing Machine Co., Inc. Slicing machine control. 2,744,554, 5-8-56, Cl. 146-102.
- King, George E., and A. O. Fitzner, to Westinghouse Electric Corp. Variable voltage motor control. 2,743,405, 4-24-56, Cl. 318-154.
- King, George W., to General Precision Laboratory Inc. Two speed motor control. 2,740,932, 4-3-56, Cl. 318-216.
- King, Geo. W. Ltd., *See*—
- Brooks, Robert J. 2,768,019.
- King, Gilbert W., to International Teletelcom Corp. Photographic memory. 2,760,404, 8-28-56, Cl. 88-24.
- King, Gordon E. Hydraulically operated mowers. 2,765,611, 10-9-56, Cl. 56-254.
- King, H. A., Co., *See*—
- Peirce, Thomas H., and Robinson. 2,764,038.
- King, Harold W., *See*—
- True, Charles H., Jr., and King. 2,734,192.
- King, Herman, to King Instrument Co. Machine alignment detector. 2,761,217, 9-4-56, Cl. 33-174.
- King Instrument Co., *See*—
- King, Herman. 2,761,217.
- King, J. F., Jr., *See*—
- Loomis, Glenn L. 2,731,837.
- King, J. P., Sr., *See*—
- Loomis, Glenn L. 2,731,837.
- King, Jack A., and W. C. Fallgatter, to Cities Service Research and Development Corp. Method of increasing oil recovery. 2,747,670, 5-29-56, Cl. 166-21.
- King, Jack C., to The Shaw-Walker Co. Follower block construction. 2,746,815, 5-22-56, Cl. 308-4.
- King, James E., to Toilet mop and container therefor. 2,774,093, 12-18-56, Cl. 15-123.
- King, James F., Jr., to The Bahnsen Co. Self-cleaning humidifier. 2,734,771, 2-14-56, Cl. 299-63.
- King, James T., to Abe Gellman Co., Inc. Tape positioning and holding means. 2,734,639, 2-14-56, Cl. 223-110.
- King, John B., to King Lumber Engineering Co. Board trimming, sorting and stacking apparatus. 2,729,248, 1-3-56, Cl. 143-37.
- King, John H., and W. C. Kleinfelder, to Bell Telephone Laboratories, Inc. Splice closure for sheathed cable. 2,771,502, 11-20-56, Cl. 174-92.
- King, John M., J. H. Robinson, J. F. Rowe, and W. H. Ewart, Jr., to the United States of America as represented by the Secretary of the Army. Delay arming fuse for projectiles. 2,762,304, 9-11-56, Cl. 102-81.2.
- King, Julius R., *See*—
- Pfeiffer, Paul O., Slemmons, and King. 2,756,048.
- King, Kenneth G., *See*—
- Walker, Alice H. B., and King. 2,732,505.
- King, Kenneth J., and P. S. Hartman, to Hercules Steel Products Corp. Latch control for dump trucks. 2,749,175, 6-5-56, Cl. 298-22.
- King, Laurence F., and W. C. Pattenden, to Esso Research and Engineering Co. Water resistant soda base grease. 2,731,417, 1-17-56, Cl. 252-42.1.
- King, Leighton S., *See*—
- Burgess, Glenn A., Hlavka, and King. 2,756,215.
- King, Leighton S., to The Garret Corp. Purge gas generator with vortex tube cooling. 2,758,014, 8-14-56, Cl. 23-281.
- King Lumber Engineering Co., *See*—
- King, John B. 2,729,248.
- King, Marvin D., *See*—
- Stedman, Allan L., and King. 2,757,852.
- King, Marvin E. Boiler base. 2,774,317, 12-18-56, Cl. 110-86.
- King, Nelson P. Illuminated work support. 2,732,481, 1-24-56, Cl. 240-4.
- King, Oliver K., to Acme Visible Records, Inc. Visible index device. 2,752,707, 7-3-56, Cl. 40-102.
- King Organic Chemicals, Inc., *See*—
- King, Robert G., and Thielcke. 2,764,548.
- King, Paul J., *See*—
- Wolfson, William B., King, and Shapiro. 2,738,260.
- King, Ralph B., to E. L. Bond. Jack actuated tie changing apparatus. 2,738,002, 3-13-56, Cl. 157-1.2.
- King, Ralph E., *See*—
- Vanoff, Alexander and V., and King. 2,737,120.
- King, Robert A., to General Electric Co. Insulating structure. 2,728,958, 1-3-56, Cl. 20-35.
- King, Robert G., and G. W. Thielcke, to King Organic Chemicals, Inc. Dinonylnaphthalene sulfonates and process of producing same. 2,764,548, 9-25-56, Cl. 252-35.
- King Sales & Engineering Co., *See*—
- McGibbon, Leonard. 2,731,845.
- McGibbon, Leonard. 2,755,611.
- King-Seely Corp., *See*—
- Boddy, Leonard. 2,736,883.
- Boddy, Leonard. 2,762,997.
- Gaskell, Walter L. 2,750,970.
- Sivacek, Emil E. 2,750,873.
- King, W. F., *See*—
- Loomis, Glenn L. 2,731,837.
- King, William B., *See*—
- French, Earl W., and King. 2,731,238.
- King, William D., *See*—
- Moore, Raymond W., King, Carleton, and Stringer. 2,743,401.
- King, William F., to General Motors Corp. Balancing machine indicator. 2,773,389, 12-11-56, Cl. 73-462.
- King, William H., Jr., to Esso Research and Engineering Co. Magnetic valve for control of fluid or fluidized solids flow. 2,743,898, 5-1-56, Cl. 251-139.
- King, William J., to Electric & Musical Industries Ltd. Conveyor belt. 2,767,824, 10-23-56, Cl. 198-131.
- King, William J., to Colgate-Palmolive Co. Fermentable carbohydrate food products. 2,772,168, 11-27-56, Cl. 99-28.
- King, William J., to Colgate-Palmolive Co. Dental preparations containing higher aliphatic acyl sarcoside compounds. 2,772,204, 11-27-56, Cl. 187-93.
- King, William J., to Colgate-Palmolive Co. Dental floss containing higher aliphatic acyl amide of an aminocarboxylic acid compound. 2,772,205, 11-27-56, Cl. 167-93.
- King, William N., to Federal-Sparacarb Corp. Shot shell wad and method of making. 2,733,832, 3-21-56, Cl. 117-138.8.
- King, William R., to Phillips Petroleum Co. Feeding mechanism. 2,741,796, 4-17-56, Cl. 18-1.
- King, William R., to Phillips Petroleum Co. Feeding mechanism. 2,745,004, 5-8-56, Cl. 18-1.
- King, William V., to Rowe Sparacarb, Inc. Automatic beverage vending machines. 2,731,906, 1-24-56, Cl. 99-275.
- King, William V., to Rowe Sparacarb, Inc. Beverage dispensing machines. 2,746,641, 5-22-56, Cl. 222-2.
- Kingdon, Ralph H., *See*—
- Jackson, John G., and Kingdon. 2,767,354.
- Kingdon, Ralph H., to Square D Co. Panelboard. 2,767,353, 10-16-56, Cl. 317-119.
- Kinglerley, Richard W., Jr., to E. I. du Pont de Nemours and Co. Organic shape structures coated with Werner-type chromium compounds and method of making the same. 2,745,770, 5-15-56, Cl. 117-139.5.
- Kingery, James E., to General Motors Corp. T-shaped split beam tractor lamp. 2,770,716, 11-13-56, Cl. 240-41.3.
- King, Arthur R., and S. K. Rhoades, to Kaiser Aluminum & Chemical Corp. Resilient pipe joint with sheet metal clamp member. 2,749,155, 6-5-56, Cl. 285-194.
- Kingman, Russell B. Detachable advertising card for collapsible tubes. 2,764,829, 10-2-56, Cl. 40-124.1.
- Kingman, Russell B., to General Motors Corp. Winding device. 2,743,061, 4-24-56, Cl. 242-18.
- Kingsbury, Chadwick B., to North American Rayon Corp. Twist control balloon inclosure. 2,745,239, 5-15-56, Cl. 57-198.
- Kingsbury, Franklin L., to National Lead Co. Preparation of water dispersible titanium dioxide pigment. 2,744,029, 5-1-56, Cl. 106-300.
- Kingsley, David G., to Stapling Machines Co. Feeding apparatus for box-making machines. 2,762,493, 9-11-56, Cl. 198-167.
- Kingsley, Lewis A. Type head adapter for hot stamping machines. 2,740,352, 4-3-56, Cl. 101-31.
- Kingston Instrument Co. Ltd., *See*—
- Trowbridge, George W. J. 2,729,494.
- Kingston, Paul H., *See*—
- Bean, Arthur I., and Kingston. 2,757,577.
- Kingston Products Corp., *See*—
- Kelly, George M. 2,744,585.
- Kelly, George M., and S. K. Rhoades. 2,758,291.
- Richards, Wayne V. 2,758,291.
- Rieth, Harold F. 2,729,747.
- Weber, Nelson H., and Aitchison. 2,761,926.
- Kinsh, Arthur R., to Modern Aircraft Corp. Window construction. 2,767,441, 10-23-56, Cl. 20-13.
- Kinkaid, Robert J., and K. M. Hammell, to Aircraft-Marine Products, Inc. Terminal clip. 2,774,951, 12-18-56, Cl. 339-258.
- Kinkaid, Robert S. Mower elevating means. 2,764,864, 10-2-56, Cl. 56-7.
- Kinkel, John F., to Consolidated Electrodynamics Corp. Angular velocity measurement apparatus. 2,752,567, 6-26-56, Cl. 324-70.
- Kinker, Clarence C., and J. J. Murtagh, to Gerity-Michigan Corp. Article burnishing machine. 2,739,426, 3-27-56, Cl. 51-138.
- Kinley, Clifford B. Mechanical agitator. 2,737,373, 3-6-56, Cl. 259-128.
- Kinke, John C., *See*—
- Kinley, Myron M. and J. C. 2,739,654.
- Kinley, John C. Internal pipe caliper tools. 2,771,685, 11-27-56, Cl. 33-178.
- Kinley, Myron M. and J. C., said M. M. Kinley assor. to said J. C. Kinley. Back-off jar. 2,739,654, 3-27-56, Cl. 166-178.
- Kinna, Norman G., to Bowaters Development and Research Ltd. Clamping ring fastener. 2,756,087, 7-24-56, Cl. 292-266.65.
- Kinnard, Robert N., Jr., to Socony Mobil Oil Co., Inc. Asphalt and method of preparation thereof. 2,762,755, 9-11-56, Cl. 196-74.
- Kinnard, Robert N., Jr., to Socony Mobil Oil Co., Inc. Asphalt manufacture. 2,762,756, 9-11-56, Cl. 196-74.
- Kinnaman, Chalmers R. Arrow projector. 2,762,358, 9-11-56, Cl. 124-22.
- Kinnard, Leonard M., *See*—
- Hanson, Thomas K., and Kinnard. 2,748,144.
- Kinne, James L. Archery quivers. 2,768,669, 10-30-56, Cl. 150-1.5.
- Kinney, David C., to Continental Motors Corp. Engine combustion chamber. 2,737,940, 3-13-56, Cl. 123-191.
- Kinney, J. Warren, Jr., *See*—
- Reifsteck, Francis. 2,735,715.
- Kinney, Joseph, Jr. Method of making multiply metal. 2,744,314, 5-8-56, Cl. 29-471.5.
- Kinney, Revilo F., *See*—
- Calouette, John E., and Kinney. 2,738,884.



- Kinney, S. P. Engineers, Inc.: *See*—  
Kinney, Selwyn P.: 2,738,178.
- Kinney, Selwyn P., to S. P. Kinney Engineers, Inc. Gas washer. 2,738,178, 3-13-56, Cl. 261—111.
- Kinney, Walter B., to The Borden Co. Casein adhesive composition and laminated structure utilizing the same. 2,754,240, 7-10-56, Cl. 154—131.
- Kinney, Wilbur C. Irrigation pipe joint with valve gasket. 2,743,899, 5-1-56, Cl. 251—149.
- Kinney, Wilbur C. Valved coupling arrangement. 2,751,927, 6-26-56, Cl. 137—322.
- Kinraide, William T. R., to E. I. du Pont de Nemours and Co. Yarn apparatus. 2,747,251, 5-29-56, Cl. 28—35.
- Kinsey, Claude J., to General Motors Corp. Chuck. 2,746,759, 5-22-56, Cl. 279—74.
- Kinsey, Eugene E.: *See*—  
Freibairn, Darwin L., Jr., Kinsey, and Beutler. 2,735,731.
- Kinsinger, Andrew S. Means connecting a tool standard with a plow beam. 2,765,724, 10-9-56, Cl. 97—198.1.
- Kinsman, Harold E.: *See*—  
Van Court, Carl P., Kinsman, and Skinner. 2,773,308.
- Kinstler, Robert C., to American Cyanamid Co. Preparation of 2-benzothiazolyl sulfone morpholine. 2,730,526, 1-10-56, Cl. 260—247.1.
- Kinstler, Robert C., to American Cyanamid Co. Preparation of 2-benzothiazolyl sulfone morpholine. 2,730,527, 1-10-56, Cl. 260—247.1.
- Kintzinger, Warren H.: *See*—  
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- Kinzer, Clarence M. X-ray apparatus. 2,764,694, 9-25-56, Cl. 250—78.
- Kinzer, Dan J. Faulty fuse indicator. 2,735,088, 2-14-56, Cl. 343—250.
- Kinzer, Glenn W.: *See*—  
Bartle, Robert J., and Kinzer. 2,744,941.
- Kinzer, Glenn W., and R. D. Morin, to the United States of America as represented by the United States Atomic Energy Commission. Recovery of uranium from dilute solutions by a precipitation method. 2,764,471, 9-25-56, Cl. 250—78.
- Kinzer, John P., R. W. Marshall, and P. T. Sproul, to Bell Telephone Laboratories, Inc. Broad band testing circuit. 2,767,260, 10-16-56, Cl. 179—173.3.
- Kinzler, David. Alarms. 2,740,960, 4-3-56, Cl. 340—403.
- Kip, Inc.: *See*—  
Hiscock, Earle F.: 2,745,335.  
Hiscock, Earle F.: 2,746,376.  
Hiscock, Earle F.: 2,749,834.  
Hiscock, Earle F.: 2,749,835.
- Kipnis, Samuel W.: *See*—  
Feldmann, Alfred.: 2,732,621.
- Kipp, Carl. Bottle closure and liquid pouring devices. 2,762,521, 9-11-56, Cl. 215—79.
- Kipp, David J., to Hoffman Electronics Corp. Instruments for measuring torque. 2,754,682, 7-17-56, Cl. 73—136.
- Kirk, Ben H. W., J. Olejnik, and K. P. Smith, to General Aniline & Film Corp. Preparation of 2,5-diarylamino-3,6-dichloroquinones. 2,733,250, 1-31-56, Cl. 260—396.
- Kirby, Bernard C. Muffler with sliding auxiliary tube. 2,754,927, 7-17-56, Cl. 181—51.
- Kirby, Carl D., to The KBH Corp. Fluid pressure adjusted control. 2,754,740, 7-17-56, Cl. 97—46.59.
- Kirby, Elza H. Sweep attachment for a cultivator. 2,748,684, 6-5-56, Cl. 97—205.
- Kirby, James E.: *See*—  
Berry, Kenneth L., Joyce, and Kirby. 2,757,098.
- Kirby, James E., to E. I. du Pont de Nemours and Co. Modified cellulose and method of making same. 2,732,317, 1-24-56, Cl. 117—63.
- Kirby, John E. Centrifugal pump. 2,759,428, 8-21-56, Cl. 103—103.
- Kirby, Thomas G., to Ford Motor Co. Dynamometry. 2,775,119, 12-25-56, Cl. 73—134.
- Kirch, Alan A., to Muirhead & Co. Ltd. Message carriers for scanning systems. 2,740,686, 4-3-56, Cl. 346—138.
- Kircher, Morton S., to Hooker Electrochemical Co. Methods and apparatus for electrolytic decomposition. 2,762,765, 9-11-56, Cl. 204—125.
- Kirchall, Paul J., to Landers, Frary & Clark. Steam iron. 2,742,721, 4-24-56, Cl. 38—77.
- Kircher, Paul J., to Landers, Frary & Clark. Impeller assembly mounting for mixers. 2,750,162, 6-12-56, Cl. 259—107.
- Kircher, Paul J., to Landers, Frary & Clark. Percolator capacity marking. 2,767,882, 10-23-56, Cl. 222—26.
- Kircher, Ralph N., and H. D. Palmer, to West Bend Aluminum Co. Internal combustion engine with die cast block. 2,731,960, 1-24-56, Cl. 123—195.
- Kircher, Raymond J., to Bell Telephone Laboratories, Inc. Ringing circuit. 2,759,179, 8-14-56, Cl. 340—401.
- Kirchhoff, Robert. Precision layout and height gage. 2,771,683, 11-27-56, Cl. 93—170.
- Kirchoff, Kurt.: *See*—  
Hase, Georg, Schneider, and Kirchoff. 2,752,712.
- Kirchoff, Raymond T.: *See*—  
Kunzler, Edward F., Dwight, and Kirchoff. 2,751,056.
- Kirmeyer, Frederick J., and H. C. Vincent, to Abbott Laboratories. Penicillin compositions for intramuscular injection. 2,741,573, 4-10-56, Cl. 167—58.
- Kirchner, Harold A. Land levelling machine. 2,732,640, 1-31-56, Cl. 37—189.
- Kirchner, Theodore H.: *See*—  
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- Kirk, Everett S. Audio road signal. 2,774,323, 12-18-56, Cl. 116—63.
- Kirk, George B.: *See*—  
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- Kirk, James H., to Sinclair Refining Co. Lubricator sight glass. 2,738,032, 9-13-56, Cl. 184—96.
- Kirk, John R., to The Lamson Corp. Pneumatic tube conveyor systems. 2,746,697, 5-22-56, Cl. 243—29.
- Kirk, Joseph S., to General Aniline & Film Corp. Manufacture of leather using a modified vinyl ether-maleic anhydride copolymer, and resulting product. 2,746,837, 5-22-56, Cl. 8—94.33.
- Kirk, Joseph S., to General Dyestuff Corp. Manufacture of leather. 2,768,056, 10-23-56, Cl. 8—94.18.
- Kirk, Lawrence D.: *See*—  
Bagshaw, Charles M., and Kirk. 2,747,207.
- Kirk, Richard D.: *See*—  
London, S., and Kirk. 2,740,931.
- Kirk, Roy C., to The Dow Chemical Co. Production of sodium. 2,774,663, 12-18-56, Cl. 75—66.
- Kirk, Stanley B.: *See*—  
Aitchison, Robert B., and Kirk. 2,745,346.
- Kirk, Walter B., W. S. Johnston, and H. G. Fay, to Westinghouse Air Brake Co. Shaft fastener. 2,760,831, 8-28-56, Cl. 308—1.
- Kirk, William W. Hand operated article lifting and moving device. 2,744,762, 5-8-56, Cl. 280—47.28.
- Kirkby, Henry W.: *See*—  
Sykes, Charles, and Kirkby. 2,769,227.
- Kirkby, Henry W., and C. Sykes, to Thos. Firth & John Brown Ltd. Ferritic creep-resisting steels. 2,737,455, 3-6-56, Cl. 75—126.
- Kirkby, Henry W., and C. Sykes, to Firth-Vickers Stainless Steels Ltd. Ferritic alloys. 2,747,989, 5-29-56, Cl. 75—128.
- Kirkendall, Hannah M. Container holding and dispensing device. 2,768,659, 10-30-56, Cl. 141—301.
- Kirkhof, Russel H. Repeating material dispenser. 2,741,403, 4-14-56, Cl. 222—230.
- Kirkland, Earl V., to The American Oil Co. Preparation of 1-isopropyl-2,4-dimethylbenzene. 2,740,819, 4-3-56, Cl. 260—668.
- Kirkland, Earl V., to The American Oil Co. Aromatic alkylation. 2,754,341, 7-10-56, Cl. 260—671.
- Kirkland, Robert E.: *See*—  
Hunt, Frederick V., Saunders, and Kirkland. 2,742,566.
- Kirkman, Robert A., to Cook Electric Co. Omnidirectional antenna. 2,771,605, 11-20-56, Cl. 343—771.
- Kirkpatrick, George M., to General Electric Co. Extended-range phase comparator. 2,751,555, 6-19-56, Cl. 324—89.
- Kirkpatrick, John. Tenting frame. 2,760,251, 8-28-56, Cl. 26—62.
- Kirkpatrick, John A., to Universal Mfg. Corp. Scaffold bracing. 2,752,206, 6-26-56, Cl. 304—40.
- Kirkpatrick, Joseph R.: *See*—  
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- Kirkpatrick, Leland W., and E. J. Gibson, and G. R. Rich, deceased (by D. M. Rich, executor), to Rich Mfg. Corp. Method of making heat treating and hardening valves. 2,734,008, 2-7-56, Cl. 148—11.5.
- Kirkpatrick, Max B. Mining machines having oppositely rotating boring heads. 2,756,037, 7-24-56, Cl. 262—7.
- Kirkpatrick, Willard H.: *See*—  
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- Kirkpatrick, Willard H., to Visco Products Co. Method of breaking water-in-oil emulsions. 2,754,271, 7-10-56, Cl. 252—331.
- Kirkpatrick, Willard H., to Visco Products Co. Inorganic esters of aliphatic polyoxyalkylene compounds. 2,755,296, 7-17-56, Cl. 260—458.
- Kirkpatrick, Willard H., to Visco Products Co. Process and device for inhibiting corrosion in wells. 2,775,302, 12-25-56, Cl. 166—1.
- Kirkpatrick, William D., and A. L. Newman, 1/2 to B. C. Jones. Device for blowing sawdust from the line of cut of hand saw. 2,737,987, 3-13-56, Cl. 145—35.
- Kirkpatrick, William E., to Bell Telephone Laboratories, Inc. Semiconductor signal translating devices. 2,740,837, 4-3-56, Cl. 179—15.
- Kirkstall Electric Engineering Ltd.: *See*—  
Wilson, Ronald H.: 2,737,829.
- Kirkup, Richard P.: *See*—  
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- Kirkwood, James Jr., to American Hospital Supply Corp. Bed flower and utility stand. 2,732,568, 1-31-56, Cl. 5—317.
- Kirkwood, John G., and F. W. West, to The M. W. Kellogg Co. Stable voltaic cells. 2,747,009, 5-22-56, Cl. 136—103.
- Kirkwood, Loren R., and A. J. Torre, to Radio Corp. of America. Television color synchronization. 2,758,155, 8-7-56, Cl. 178—5.4.
- Kirkwood, William E. P. Carbon brush holder. 2,773,209, 12-4-56, Cl. 310—247.
- Kirsch, Albert, to American Cyanamid Co. Process for the preparation of styrenated oil-modified alkyl resins using pinane hydroperoxide as catalyst. 2,743,249, 4-24-56, Cl. 260—317.
- Kirsch, Carl W., to The Hoover Co. Method of removing the insulation from the ends of assembled commutator wires. 2,731,372, 1-17-56, Cl. 134—2.
- Kirsch, Carl W., to The Hoover Co. Commutator assembling machine. 2,755,538, 7-24-56, Cl. 29—205.
- Kirsch Co.: *See*—  
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- Kirsch, Oscar M. Article hanger. 2,764,384, 9-25-56, Cl. 245-305.
- Kirsch, Werner, to Chemieprodukte G. m. b. H. Agent for corrosion-proofing and process for preparing the same. 2,734,882, 2-14-56, Cl. 260-28.5.
- Kirschbaum, Harry M. Apparatus for automatically administering anesthetics. 2,754,819, 7-17-56, Cl. 128-188.
- Kirschenbaum, Abraham D., and J. M. Boyle, to Esso Research and Engineering Co. Phenoxylalkyl dithiocarbamates. 2,756,249, 7-24-56, Cl. 260-455.
- Kirschenbaum, Isidor. *See* —.
- Smith, John O., Jr., and Kirschenbaum. 2,772,317.
- Kirschenbaum, Isidor, to Esso Research and Engineering Co. Hydrocarbon synthesis catalyst. 2,729,664, 1-3-56, Cl. 260-449.6.
- Kirschenbaum, Isidor, to Esso Research and Engineering Co. Reactivation of hydroforming catalysts using dry air. 2,749,287, 6-5-56, Cl. 196-50.
- Kirschenbaum, Isidor, to Esso Research and Engineering Co. Catalytic dehydrogenation of hydrocarbons. 2,754,345, 7-10-56, Cl. 260-653.3.
- Kirschenbaum, Isidor, to Esso Research and Engineering Co. Magnetic control of chemical reactions. 2,765,330, 10-2-56, Cl. 260-449.6.
- Kirst, William E. *See* —.
- Huber, Melvin L., and Kirst. 2,739,985.
- Kirsten, Eugene F. Tobacco pipe. 2,753,873, 7-10-56, Cl. 131-184.
- Kirwan, John O., to Wallace & Tiernan Inc. Apparatus for measuring the mass rate of flow. 2,771,772, 11-27-56, Cl. 73-194.
- Kish, Arnold C. Device for tapping a barrel and removing a liquid therefrom. 2,762,534, 9-11-56, Cl. 222-386.5.
- Kish, Arthur S. *See* —.
- Zihel, Frank A., and Kish. 2,729,506.
- Kish, George D. *See* —.
- Risley, Roger E., and Kish. 2,732,230.
- Risley, Roger E., and Kish. 2,759,493.
- Kish, Michael, Jr., to Atlantic Products Corp. Hand luggage. 2,754,945, 7-17-56, Cl. 190-43.
- Kish Plastic Products, Inc. *See* —.
- Kish, Steven P. 2,750,632.
- Kish, Steven P., and Coe. 2,733,221.
- Kish, Steven P., to Kish Plastic Products, Inc. Method of making surface reproduction fixtures. 2,750,632, 6-19-56, Cl. 18-59.
- Kish, Steven P., and L. C. Coe, deceased, by M. L. Coe, administrator, to Kish Plastic Products, Inc. Expanded resin and method for making the same. 2,733,221, 1-31-56, Cl. 260-2.5.
- Kishbaugh, Robert W., and K. M. Donaldson, to Bendix Aviation Corp. Electrical switch. 2,761,923, 9-4-56, Cl. 200-5.
- Kishel, Joseph S. *See* —.
- Zielinski, Edwin A. 2,772,593.
- Kishi, Hajime J. *See* —.
- Canfora, Arthur E., Liguori, Shenk, and Kishi. 2,744,955.
- Sharin, Samuel, Canfora, Liguori, and Kishi. 2,762,917.
- Kishine, Floyd F., to American Motors Corp. Oil filler and breather tube. 2,757,647, 8-7-56, Cl. 121-194.
- Kishine, Floyd F., R. H. Phelps, and J. S. Voigt, to American Motors Corp. Vehicle frame cross member. 2,733,933, 2-7-56, Cl. 280-106.
- Kisner, Richard D. Egg sheller. 2,752,966, 7-3-56, Cl. 140-2.
- Kiss, Joseph *See* —.
- Sefsk, Stephen R., and Kiss. 2,744,997.
- Kiss, Laszlo J., to Marvel Equipment Corp. Variable speed transmission. 2,737,062, 3-6-56, Cl. 74-688.
- Kissingner, Donald *See* —.
- Mascher, Floyd J., Kissingner, and Clagz. 2,773,630.
- Kissner, Lawrence M., C. C. Chapel, and J. B. and F. C. Leitch, to Du-Berg Inc. Insecticide vaporizers. 2,767,511, 10-23-56, Cl. 43-129.
- Kistler, Wilbur D. *See* —.
- Herzog, Harold A., and Kistler. 2,758,732.
- Kistner, Harold J. *See* —.
- Purman, Frank J., Kistner, Read, and Wagner. 2,745,493.
- Kistner, Harold J., and J. C. Veburg, to International Business Machines Corp. Card interpreting machine for detecting double punchings and blank columns. 2,770,189, 11-15-56, Cl. 101-93.
- Kistner, Harold J., and O. F. Moneagle, to International Business Machines Corp. Print impression mechanism. 2,771,025, 11-20-56, Cl. 101-93.
- Kistner, Merrill M., to Steam Iron Corp. Valve for steam iron. 2,748,335, 5-22-56, Cl. 98-77.
- Kistner, Merrill M., to Steam Iron Corp. Cord connector for electric irons. 2,775,681, 12-25-56, Cl. 219-25.
- Kita, Donald A. *See* —.
- Shull, Gilbert M., Kita, and Davisson. 2,745,784.
- Shull, Gilbert M., Kita, and Davisson. 2,765,258.
- Kitchen, Kenneth J. *See* —.
- Swenson, Paul F., and Cooperider. 2,772,834.
- Kitchens, Charles A., and R. E. Kruse, assors to said Kruse. Cigarette extinguishing and disposing ash tray. 2,733,721, 2-7-56, Cl. 131-235.
- Kite, Peter J. Fish lure. 2,757,477, 8-7-56, Cl. 43-42.48.
- Kitselman Brothers *See* —.
- Kitselman, Harry L. 2,749,962.
- Kitselman, Harry L., to Kitselman Brothers. Helix former. 2,749,962, 6-12-56, Cl. 153-64.
- Kittel, Richard R. Fortune-telling game or magnetic game. 2,749,127, 6-5-56, Cl. 273-109.
- Kittel, Walter. Contact plate structure for use in a rectifying or contacting column. 2,752,138, 6-26-56, Cl. 261-113.
- Kittel, Walter. Contact plate for use in a rectifying or contacting column. 2,759,720, 8-21-56, Cl. 261-114.
- Kitterman, Carl C. Vehicle coupler draw bar for towing trailers. 2,745,681, 5-15-56, Cl. 280-501.
- Kitterman, Donald M. *See* —.
- Soffer, Jack W., and Kitterman. 2,750,230.
- Soffer, Jack W., and Kitterman. 2,765,960.
- Kittleman, Robert H., and R. G. Warren, to the United States of America as represented by the Secretary of the Navy. Gyroscope course recorder. 2,766,094, 10-9-56, Cl. 346-8.
- Kittler, Charles R. Charcoal barbecue. 2,763,200, 9-18-56, Cl. 261-26.
- Kittler, Milton J., to Holley Carburetor Co. Dual carburetor. 2,737,375, 3-6-56, Cl. 261-23.
- Kittler, Milton J., M. F. Sterner, and M. L. Smitley, to Holley Carburetor Co. Dual carburetor. 2,745,645, 5-15-56, Cl. 261-26.
- Kitto, William H. *See* —.
- McMaster, Archie J., and Kitto. 2,775,075.
- Kitto, William H., to G-M Laboratories, Inc. Centrifugal clutch. 2,730,219, 1-10-56, Cl. 192-105.
- Kitto, William H., to G-M Laboratories, Inc. Gearing. 2,759,388, 8-21-56, Cl. 74-446.
- Kitto, William H., to The Hoover Co. Suction cleaner with converter facility. 2,770,001, 11-13-56, Cl. 15-333.
- Kitts, Howard L. *See* —.
- Giannone, George L., and Kitts. 2,767,937.
- Kitzelman, Edward H., to Acorn Iron and Wire Works. Tamperproof gate keeper. 2,749,164, 6-5-56, Cl. 292-121.
- Kivari, Arthur M. *See* —.
- Ker, Earl M., and Kivari. 2,775,556.
- Kivle, Robert, to Western Electric Co., Inc. Extruder head. 2,758,337, 8-14-56, Cl. 13-13.
- Kjellberg, George E. Tube end forming hand tool. 2,746,325, 5-22-56, Cl. 81-15.
- Kjellgren, Olof V., to Aktieholaget Separator. Sludge centrifuge. 2,733,858, 2-7-56, Cl. 233-7.
- Kjelson, Nils A. *See* —.
- Renfrew, Malcolm M., Wittcoff, and Kjelson. 2,767,089.
- Klabunde, Walter, and J. H. Young, to E. I. du Pont de Nemours & Co. Production of sodium peroxide. 2,752,226, 6-26-56, Cl. 23-184.
- Klages, Henry C. *See* —.
- Steinberg, Harold E., and Klages. 2,758,568.
- Klaine, John H. Infant's bib and auxiliary tray. 2,766,455, 10-16-56, Cl. 2-48.
- Klamp, Paul, and L. J. Bishop, to Mechanical Handling Systems, Inc. Turntable type machines for forming shell molds. 2,762,092, 9-11-56, Cl. 22-21.
- Klamp, Paul, and L. J. Bishop, to Mechanical Handling Systems, Inc. Drum type machine for forming shell molds. 2,765,506, 10-9-56, Cl. 22-20.
- Klancnik, Adolph V. Fittings. 2,755,112, 7-17-56, Cl. 285-405.
- Klancnik, Frank J., Jr., to Hi-Lo TV Antenna Corp. Antenna structure. 2,748,387, 6-29-56, Cl. 343-793.
- Klancnik, Frank J., Jr., to Hi-Lo TV Antenna Corp. Antenna structure. 2,755,466, 7-17-56, Cl. 343-802.
- Klanglüm Gesellschaft mit beschränkter Haftung *See* —.
- Anton. 2,735,893.
- Haberland, Fritz, and Johnner. 2,730,322.
- Wohlrab, Hans-Christoph, and Jahn. 2,735,900.
- Klaproth, Herbert, to Rudolph Koepf & Co. Chemische Fabrik Aktiengesellschaft. Production of formic acid from its salts. 2,743,295, 4-24-56, Cl. 260-542.
- Klare, Reinhard G. Clothesline pulley hand guard. 2,747,747, 5-29-56, Cl. 211-119.02.
- Klare, Paul *See* —.
- Bardenheuer, Peter, Wehner, and Klare. 2,749,611.
- Klarfeld, Fritz. *See* —.
- Belsky, Robert C. and T. B., and Klarfeld. 2,764,774.
- Klasens, Hendrik A. *See* —.
- Bril, Alfred, Klasens, and Zalm. 2,770,749.
- Zalm, Pieter, Bril, and Klasens. 2,754,444.
- Klasky, Morris B. Toilet tissue holder. 2,773,209, 7-3-56, Cl. 299-24.
- Klatte, Theodor. Propulsion and steering apparatus for a marine vessel. 2,749,874, 6-12-56, Cl. 115-35.
- Klauber, Philip M., to Solar Aircraft Co. Afterburner electric controls. 2,737,775, 3-13-56, Cl. 60-35.8.
- Klaucke, Hermann, to Chain Belt Co. Lubricator for chains. 2,737,264, 3-6-56, Cl. 184-15.
- Klaue, Hermann. Cast motorcycle or like frame. 2,755,873, 7-24-56, Cl. 180-35.
- Klaue, Hermann. Oil-pressure disk brake. 2,758,677, 8-14-56, Cl. 188-72.
- Klaue, Herman. Mechanical motor car gearing. 2,763,350, 9-18-56, Cl. 192-3.5.
- Klaui, Heinrich, to Hoffmann-La Roche Inc. Stabilized vitamin A compositions. 2,764,520, 9-25-56, Cl. 167-81.
- Klaus, Ernst M. *See* —.
- Plaiteng, Max G., and Klaus. 2,741,343.
- Klausner, Edward S. Clips for facilitating the erection and stripping of concrete forms for the building industry. 2,731,701, 1-24-56, Cl. 25-131.5.
- Klauss, Ralph E. *See* —.
- Tyler, Arthur W., and Klauss. 2,763,192.
- Klauss, Ralph E., and C. J. O'Kane, to Eastman Kodak Co. Photographic print chopper. 2,742,953, 4-24-56, Cl. 164-49.



- Klawitter, Oscar E. Portable pattern maker's facer. 2,745,445, 5-15-56, Cl. 142-1.
- Kleason, Demetrius B.: *See—*  
Ashwell, James R., Hershsfeld, and Kleason. 2,741,763.
- Kleber, Edward J., Jr.: *See—*  
Kerr, Karl K., Kleber, and Raub. 2,744,269.
- Kleboe, John H., H. R. Krueger, and W. W. Wittenberger, to The Petersen, Owen Co. Tensioning means for cable conveyor. 2,759,594, 8-21-56, Cl. 198-190.
- Klecker, Joseph G., to Caterpillar Tractor Co. Locking gate for shifting mechanism of a six-speed transmission. 2,748,910, 6-5-56, Cl. 192-3.5.
- Klein, George B. Screw actuated rectangular frame work clamp. 2,753,902, 7-10-56, Cl. 144-291.
- Klee, Helmut: *See—*  
Rodis, Franz, and Klee. 2,767,136.
- Klee, Joseph J. Window construction. 2,742,676, 4-24-56, Cl. 50-53.
- Klefeld, ———. Viewing plate for television screen. 2,740,954, 4-3-56, Cl. 340-369.
- Kleen, Werner: *See—*  
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- Kleen-Stik Products, Inc.: *See—*  
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- Kleibacker, Wilson M.: *See—*  
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- Kleiber, Donald J., C. J. Oshinski, and J. M. Rogers, to United States Rubber Co. Method of making a shaped laminate of plastic material and base member. 2,766,808, 10-16-56, Cl. 154-41.
- Kleiber, Norman, to Robert Gair Co., Inc. Paperboard carton with sift-proof opening device and reclosure. 2,757,850, 8-7-56, Cl. 229-17.
- Kleimack, Joseph J., and W. R. Sittner, to Bell Telephone Laboratories, Inc. Pressure measuring apparatus. 2,736,200, 2-28-56, Cl. 73-399.
- Kleinman, Floyd R. Ball and socket type hitch. 2,744,767, 5-8-56, Cl. 280-512.
- Kleinman, Harry. Flexible packing in supplemental socket. 2,735,505, 2-21-56, Cl. 182-7.
- Kleinman, Morton: *See—*  
Feuchtmann, G. Kleinman, and Goldman. 2,750,396.  
Goldman, Arthur, Kleinman, and Fechter. 2,750,397.
- Kleinman, Morton, to Veliscol Chemical Corp. Epoxy-poly-chloro-bicyclo(2.2.1) heptene. 2,736,730, 2-28-56, Cl. 260-348.
- Kleinman, Morton, to Veliscol Chemical Corp. Manufacture of chlorinated compounds. 2,741,639, 4-10-56, Cl. 260-648.
- Kleinman, Morton, to Veliscol Chemical Corp. Manufacture of chlorinated compounds. 2,741,640, 4-10-56, Cl. 260-648.
- Kleinman, Morton, to Veliscol Chemical Corp. Manufacture of chlorinated compounds. 2,741,641, 4-10-56, Cl. 260-648.
- Kleinman, Morton, to Veliscol Chemical Corp. Method of removing hexachlorocyclopentadiene from impurities. 2,752,297, 6-26-56, Cl. 202-57.
- Kleinman, Morton, to Veliscol Chemical Corp. 1,2,3,4,10,10-hexachloro-1,4-methano-5,8-oxa-1,4,4a,5,8,8a-hexahydro-5-naphthaldehyde. 2,772,294, 11-27-56, Cl. 260-346.2.
- Klein, Arthur L., to Douglas Aircraft Co., Inc. Method of stretching tapered sheets. 2,742,076, 4-17-56, Cl. 153-35.
- Klein, Benjamin: *See—*  
Klein, Goldie and B. 2,742,723.
- Klein, Bernard. Apparatus for simultaneously processing and washing photographic prints or negatives. 2,737,865, 3-13-56, Cl. 95-89.
- Klein, Clarence J., and W. H. Wright, to National Steel Corp. Apparatus for detinning scrap. 2,764,473, 9-25-56, Cl. 23-269.
- Klein, Conrad J. Springboard and mounting therefor. 2,743,926, 5-1-56, Cl. 272-66.
- Klein, David X.: *See—*  
Deinet, Adolph J., and Klein. 2,766,249.
- Klein, David X., and J. Falcom, to Heyden Chemical Corp. Method of dyeing of nylon fibers and fabrics with 5-chlorosalicylic acid. 2,743,231, 4-24-56, Cl. 8-55.
- Klein, David X., and H. B. Gage, to the United States of America as represented by the United States Atomic Energy Commission. Manufacture of uranium tetrafluoride. 2,768,872, 10-30-56, Cl. 23-145.
- Klein, Edward W., Jr. Rotary disk-type assembly having a wire cutting edge. 2,762,188, 9-11-56, Cl. 56-295.
- Klein, George. Process of making an organic compost. 2,750,269, 6-12-56, Cl. 71-21.
- Klein, Goldie and B. Greeting-display card. 2,742,723, 4-24-56, Cl. 40-126.
- Klein, ———. Umbrella latching and unlatching mechanism. 2,740,417, 4-3-56, Cl. 135-41.
- Klein, Harry, ½ to W. P. Canepa. Method of securing ribbon films to slide fastener tapes. 2,768,922, 10-30-56, Cl. 154-97.5.
- Klein, Harry, and T. W. Zimmer, to K and Z Machinery Corp. Apparatus for grouping conveyed articles. 2,751,059, 6-19-56, Cl. 198-34.
- Klein, Harry E. Artificial bait for fish. 2,764,834, 10-2-56, Cl. 43-42.09.
- Klein, Henry J., to Atlas-Boxmakers, Inc. Transportation package and pallet therefor. 2,741,361, 4-10-56, Cl. 206-60.
- Klein, Howard C., and R. Kapp, to Nopco Chemical Co. Procedure for the racemization of optical isomers, particularly of  $\alpha$ -hydroxy- $\beta$ , $\beta$ -dimethyl- $\gamma$ -butyrolactone. 2,743,284, 4-24-56, Cl. 260-343.6.
- Klein, Howard C., and R. Kapp, to Nopco Chemical Co. Process for the production of choline halides. 2,744,934, 4-28-56, Cl. 260-567.3.
- Klein, James B., to Barnes Drill Co. Hone. 2,729,924, 1-10-56, Cl. 51-184.3.
- Klein, James B., to Barnes Drill Co. Honing element. 2,751,726, 6-26-56, Cl. 51-184.3.
- Klein, Jerome G.: *See—*  
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- Klein, Joseph R. Combined heating and soldering device. 2,745,368, 5-15-56, Cl. 113-110.
- Klein, Joseph R. Louvered window construction. 2,751,642, 6-26-56, Cl. 20-62.
- Klein, Mathias A., Jr., and W. F. Wendt, to Mathias Klein & Sons. High leverage side cutting pliers. 2,746,145, 5-22-56, Cl. 30-186.
- Klein, Mathias, & Sons: *See—*  
Klein, Mathias A., Jr., and Wendt. 2,746,145.
- Klein, May S., to Palmer-Pann Corp. Artists' palette. 2,738,606, 3-2-56, Cl. 41-58.3.
- Klein, Michael. Household sponge cleaning device. 2,769,995, 11-13-56, Cl. 15-244.
- Klein, Norman E.: *See—*  
May, John W., and Klein. 2,767,980.
- Klein, Norman E., to Deering Milliken Research Corp. Twister. 2,731,786, 1-24-56, Cl. 37-58.3.
- Klein, Norman E., to Deering Milliken Research Corp. Textile plying or twisting device. 2,732,681, 1-31-56, Cl. 37-58.65.
- Klein, Norman E., to Deering Milliken Research Corp. Compensating device. 2,738,141, 3-13-56, Cl. 242-154.
- Klein, Norman E., to Deering Milliken Research Corp. Yarn tension regulator. 2,741,443, 4-10-56, Cl. 242-147.
- Klein, Norman E., to Deering Milliken Research Corp. Beat-up motion for looms. 2,750,968, 6-19-56, Cl. 139-190.
- Klein, Norman E., to Deering Milliken Research Corp. Bobbin. 2,756,007, 7-2-56, Cl. 242-118.
- Klein, Otto, to International Standard Electric Corp. Selenium rectifier of increased blocking properties. 2,736,672, 2-28-56, Cl. 117-200.
- Klein, Robert B. Freeze-proof vent damper. 2,730,943, 1-17-56, Cl. 98-119.
- Klein, Rudolph J., to the United States of America as represented by the United States Atomic Energy Commission. Automatic beam stabilization. 2,770,756, 11-13-56, Cl. 315-22.
- Klein, Rudolph J., Jr., to Phillips Control Corp. Stroboscope. 2,749,481, 6-5-56, Cl. 315-205.
- Klein, Samuel J. Conveyor roller. 2,730,222, 1-10-56, Cl. 193-37.
- Klein, Samuel M. Golf yardage counter. 2,766,935, 10-16-56, Cl. 235-95.
- Klein, Siegfried, to C. Legorju. Electrical transducer. 2,768,246, 10-23-56, Cl. 179-113.
- Klein, Victor G., to Lincoln Engineering Co. Valve mechanism. 2,750,932, 6-19-56, Cl. 121-154.
- Klein, Victor G., R. F. Scheller, and C. H. Mueller, to Lincoln Engineering Co. Record player. 2,735,683, 2-21-56, Cl. 274-10.
- Klein, Victor G., and C. H. Mueller, to Lincoln Engineering Co. Timing mechanism. 2,745,290, 5-15-56, Cl. 74-142.
- Klein, Victor G., L. C. Rotter, and G. Weitzel, to The McNeil Machine & Engineering Co. Apparatus for periodically delivering lubricant under pressure. 2,765,050, 10-2-56, Cl. 184-27.
- Klein, Walter A.: *See—*  
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- Hoben, Herbert, Barth, Crumbiegel, Klein, and Nothelfer. 2,767,443.
- Klein, Johannes: *See—*  
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- Kleine, Johannes, E. Heisenberg, and R. Lotz, to Vereinigte Glanzstoff-Fabriken Aktiengesellschaft. Method of producing alkylidene bis-amides. 2,742,501, 4-17-56, Cl. 260-562.
- Kleine, Johannes, E. Heisenberg, and O. Bayer, to Farbenfabriken Bayer Aktiengesellschaft. Treatment of polyacrylonitrile fiber with ethylene diamine and product resulting therefrom. 2,758,003, 8-7-56, Cl. 8-115.5.
- Kleiner, Helmut, O. Bayer, and B. Becht, to Farbenfabriken Bayer Aktiengesellschaft. Textile printing pastes and method of applying. 2,762,718, 9-11-56, Cl. 117-63.
- Kleiner, Helmut, O. Bayer, and B. Becht, to Farbenfabriken Bayer Aktiengesellschaft. Textile printing pastes and method of applying. 2,762,719, 9-11-56, Cl. 117-63.
- Kleinerman, Ben, to Coastal Commercial Corp. Universal magnetic sound adapter for motion picture projectors. 2,773,416, 12-11-56, Cl. 88-16.2.
- Kleinfelder, Walter C.: *See—*  
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- Kleingers, Alfred B., Jr., to The Interstate Folding Box Co. Corner lock box. 2,764,335, 9-25-56, Cl. 229-31.
- Kleinhamper, ———, and E. J. Peery. Portable collapsible projection box. 2,730,011, 1-10-56, Cl. 88-24.
- Kleinbans, Schuyler, to Douglas Aircraft Co., Inc. Cabin supercharging system with cooling means. 2,734,356, 2-14-56, Cl. 62-136.
- Kleinknecht, Christian F.: *See—*  
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- Kleinknecht, George M., to Woodco Corp. Locking mechanism for awning type windows. 2,775,000, 12-25-56, Cl. 20-42.
- Kleinlein, Fritz, to M. Scheerle. Kneading pump, 2,745,643, 5-15-56, Cl. 259-104.
- Kleinman, Jacob L. Shaving implements. 2,734,264, 2-14-56, Cl. 30-40.
- Kleinman, Jacob L. Blade feeding magazine. 2,737,715, 3-13-56, Cl. 30-40.
- Kleinman, Jacob L. Tennis racket handles. 2,753,186, 7-3-56, Cl. 272-56.
- Kleinpeter, Edward W., to Ethyl Corp. Feed apparatus. 2,729,731, 1-3-56, Cl. 219-10-51.
- Kleinschanzlin-Pumpen Aktiengesellschaft: See—
- Adam, Ludwig, Haackel, and Schanz. 2,761,984.
- Kleinschmidt, Edward F.: See—
- Evans, James W., and Kleinschmidt. 2,751,215.
- Kleinschmidt, Edward E. and E. F., and C. P. Anderson, % to Kleinschmidt Laboratories, Inc., and % to said E. F. Kleinschmidt. Printing telegraph apparatus. 2,773,931, 12-11-56, Cl. 178-23.
- Kleinschmidt, Edward F.: See—
- Kleinschmidt, Edward E. and E. F., and Anderson. 2,773,931.
- Kleinschmidt, Edward F., to Kleinschmidt Laboratories, Inc. Selector mechanism. 2,754,361, 7-10-56, Cl. 178-33.
- Kleinschmidt, Edward F., and C. P. Anderson, to Kleinschmidt Laboratories, Inc. Keyboard transmitter. 2,754,364, 7-10-56, Cl. 178-79.
- Kleinschmidt Laboratories, Inc.: See—
- Anderson, Carl P. 2,742,132.
- Berke, Ralph L. 2,759,046.
- Kleinschmidt, Edward E. and E. F., and Anderson. 2,773,931.
- Kleinschmidt, Edward F. 2,754,361.
- Kleinschmidt, Edward F., and Anderson. 2,754,364.
- Yost, Kermit D. 2,774,812.
- Kleinsmith, Earl W. Saddle-outfit collapsible hanger. 2,740,532, 4-3-56, Cl. 211-104.
- Kleinsorge, George. Ironing device. 2,729,906, 1-10-56, Cl. 38-135.
- Kleinsorge, George H. Ironing table structures. 2,756,524, 7-31-56, Cl. 38-137.
- Kleinstra, Edwin, to B. Dick Co. Reproducing apparatus. 2,762,281, 9-11-56, Cl. 85-89.
- Kleinvoegel, Hans-Joachim, to Siemens-Schuckertwerke Aktiengesellschaft. Measuring and regulating apparatus for electric contact converters. 2,769,951, 11-6-56, Cl. 321-45.
- Kleinvoegel, Hans-Joachim, and F. Müller, to Siemens-Schuckertwerke Aktiengesellschaft. Electric contact converters. 2,738,456, 3-13-56, Cl. 321-48.
- Kleinway, Inc.: See—
- Freund, Benjamin E. 2,775,417.
- Kleiss, Louis D., and A. D. Adams, to Phillips Petroleum Co. Separation and purification of anthracene by crystallization from a dioxane solution. 2,767,232, 10-16-56, Cl. 260-675.
- Kleist, Dale, W. K. Sidwell, and R. J. Reed, to Owens-Corning Fiberglass Corp. Bituminous treated glass fiber structures and methods of producing them. 2,771,387, 11-20-56, Cl. 154-93.
- Kleist, Herman W., to Dole Refrigerating Co. Air conditioning structure. 2,737,027, 3-6-56, Cl. 62-6.
- Kleist, Herman W., to Dole Refrigerating Co. Refrigerating car structure. 2,744,388, 5-8-56, Cl. 62-4.
- Kleist, Herman W., to Dole Refrigerating Co. Heat exchangers for vaporizing liquid refrigerant. 2,775,683, 12-25-56, Cl. 219-39.
- Kleist, Myron R.: See—
- Case, Robert L., Jordan, and Kleist. 2,730,579.
- Klemgard, Edwin N., to Research Corp. Producing low resistivity carbon for electrodes. 2,764,530, 9-25-56, Cl. 202-13.
- Klemm, Emil R., Jr. Fuel feed. 2,773,492, 12-11-56, Cl. 123-136.
- Klemm, Herman G., to Massey-Harris-Ferguson Inc. Torque limiting device for tractor. 2,773,369, 12-11-56, Cl. 64-28.
- Klemm, Herman G., and B. G. Elliott, to Harry Ferguson, Inc. Cutting mechanism for forage chopping machines. 2,747,624, 5-29-56, Cl. 146-118.
- Klemm, Herman G., and G. F. Gardner, to Harry Ferguson, Inc. Reversible heavy duty disc harrow. 2,749,694, 6-12-56, Cl. 55-81.
- Klemm, Herman G., and M. J. Mitchell, to Harry Ferguson, Inc. Tractor-implement hitch mechanism with power take-off and booster. 2,749,995, 6-12-56, Cl. 180-14.
- Klemme, Carl J., to The Central Pharmaceutical Co. Mersalyl diuretic solutions stabilized with methylated glycolates. 2,766,175, 10-9-56, Cl. 167-71.
- Klemp, Siegfried, and H. Dönges, to Johann Vaillant Kommandit Gesellschaft. Valve for gas water heaters. 2,774,565, 12-18-56, Cl. 251-75.
- Klemperer, Hans, to Apra Precipitator Corp. Electrostatic precipitator circuits. 2,764,254, 9-25-56, Cl. 183-7.
- Kleppe, Ernest J. Rotary blade cultivator. 2,732,785, 1-31-56, Cl. 97-212.
- Klepper, Hans: See—
- Müller, Josef. 2,765,014.
- Klessig, Ernst F., to Vickers Inc. Power transmission. 2,776,216, 9-18-56, Cl. 103-136.
- Klessig, Ernst F., to Vickers Inc. Power transmission. 2,766,700, 10-16-56, Cl. 103-136.
- Klessig, Ernst F., and G. M. Jones, to Vickers Inc. Power transmission for multiple motor operation. 2,739,449, 3-27-56, Cl. 60-97.
- Klessig, Ernst F., and G. M. Jones, to Vickers Inc. Power transmission. 2,746,392, 5-22-56, Cl. 103-42.
- Klessig, Ernst F., and G. M. Jones, to Vickers Inc. Power transmission. 2,755,624, 7-24-56, Cl. 60-52.
- Klessig, Ernst F., and A. Keel, to Vickers Inc. Power transmission. 2,763,217, 9-18-56, Cl. 103-136.
- Klessig, Ernst F., and G. M. Jones, to Vickers Inc. Power transmission. 2,768,582, 10-30-56, Cl. 103-42.
- Klett, Erich: See—
- Rolli, Wendel, Haurath, and Klett. 2,759,114.
- Kletzien, Hobart H., to Jardier, Inc. Method of making molded fibrous products. 2,734,430, 2-14-56, Cl. 92-54.
- Kline, Clifford C.: See—
- Schulman, James H., and Kline. 2,738,430.
- Kline, Clifford C., to the United States of America as represented by the Secretary of the Navy. High energy radiation dosimeter. 2,752,505, 6-20-56, Cl. 250-83.
- Klicker, James D., and D. R. Stevens, to Gulf Research & Development Co. Lubricant compositions. 2,760,935, 8-28-56, Cl. 252-39.
- Kliever, Edward H. Timber cutting chain saw. 2,759,501, 8-23-56, Cl. 243-32.
- Kligman, Albert M., and M. Deker, to Johnson & Johnson. Pad. 2,771,877, 11-27-56, Cl. 128-153.
- Klimkowski, Robert J., and R. T. Florence, to A. B. Dick Co. Method for manufacturing transfer sheets for spirit duplicator. 2,743,191, 4-24-56, Cl. 117-37.
- Klimkowski, Robert J., and R. T. Florence, to A. B. Dick Co. Transfer sheet for use in a hectograph duplicating process. 2,748,024, 5-29-56, Cl. 117-36.
- Kline, Albert K. Cement retaining shoe. 2,730,177, 1-10-56, Cl. 168-19.
- Kline, Albert K., and M. B. Conrad, to Baker Oil Tools, Inc. Well packer and tubing string coupling therefor. 2,760,583, 8-28-56, Cl. 166-201.
- Kline, Bernard L., and D. P. Roddin, to The Western Union Telegraph Co. Transferable marking composition for facsimile transmitting blanks and transmitting blanks. 2,751,310, 6-19-56, Cl. 117-37.
- Kline, Charles C., and H. L. Myers, to Sun Oil Co. Refining hydrocarbon vapors with alkali and high boiling naphthenic acids. 2,773,806, 12-11-56, Cl. 196-36.
- Kline, Herbert W. Christmas tree lighting harness. 2,759,095, 8-14-56, Cl. 240-10.
- Kline, Jack, to the United States of America as represented by the Secretary of the Air Force. H-guide type coupling for coaxial output. 2,774,912, 12-18-56, Cl. 315-39.
- Kline, John T., to R. K. Mfg. Co. Inc. Valve for counter-pressure filling apparatus. 2,756,917, 7-31-56, Cl. 292-49.
- Kline, Richard C. Needle construction. 2,737,913, 3-13-56, Cl. 112-79.
- Kling, Arnold G., and C. E. Nygren, to Globe-Union, Inc. Self-contained trimmer capacitor. 2,766,411, 10-9-56, Cl. 329-249.
- Kling, August, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Foils and coatings from mixtures of pastes of vinyl chloride polymers and plasticizers and aqueous paraffin emulsions. 2,748,065, 5-29-56, Cl. 260-283.
- Kling, Louis. Typewriter copy holder. 2,752,887, 7-3-56, Cl. 120-28.
- Kling, Nelson, and S. Ronai, to Fairchild Camera and Instrument Corp. Film-positioning apparatus for cameras. 2,731,893, 1-24-56, Cl. 95-11.
- Kling, Nelson G.: See—
- Huxley, Thomas C., III, and Kling. 2,758,594.
- Kling, Nelson G., to Conitech, Ltd. Artificial respirator. 2,759,474, 8-21-56, Cl. 128-30.
- Kling, Nelson G., to Conitech, Ltd. Power transmission with clutching provision for manual operation. 2,772,578, 12-4-56, Cl. 74-625.
- Kling, Robert W., to Athey Products Corp. Track cleaner. 2,748,420, 6-5-56, Cl. 104-279.
- Kling, Robert W., to Athey Products Corp. Rear dump trailer. 2,752,193, 6-26-56, Cl. 298-22.
- Kling, Robert W., to Athey Products Corp. Load hauling trailer structure. 2,760,816, 8-28-56, Cl. 298-29.
- Kling, Robert W., to Athey Products Corp. Swivel conveyors and means for mounting and driving the same. 2,762,490, 9-11-56, Cl. 198-97.
- Kling, William. Reversible garment. 2,743,450, 5-1-56, Cl. 74-74.
- Kling, Edwin. Method and apparatus for extracting a soluble component from materials. 2,732,415, 1-24-56, Cl. 260-705.
- Klingeluss, Eugene H., to American Type Founders Co., Inc. Continuous unwinding device for webs. 2,772,055, 11-27-56, Cl. 242-88.
- Klingens, Cornelis, to U. S. Slicing Machine Co., Inc. Juice trough assembly for a slicing machine having a rotatable knife. 2,746,500, 5-22-56, Cl. 146-102.
- Klinger, William B., to United States Steel Corp. Dumping tractor-trailer vehicle. 2,772,918, 12-4-56, Cl. 298-5.
- Klingler, Hughlin E. Mixing valve. 2,747,603, 5-29-56, Cl. 137-343.
- Klingler, Jerome J. Air-conveying attachment for seed crop harvesters and the like. 2,737,006, 3-6-56, Cl. 56-158.
- Klingler, Karl A. Journal lubricating device. 2,744,797, 5-8-56, Cl. 308-90.



- Klingler, Karl A. Resilient outlet connectors for plumbing fixtures and tanks. 2,756,078, 7-24-56, Cl. 285—194.
- Klingler, Karl A. Hydraulic extensible seal. 2,757,542, 8-7-56, Cl. 74—18.2.
- Klingler, Karl A. Two-way valve. 2,757,688, 8-7-56, Cl. 187—625.44.
- Klingler, Karl A. Gaskets for railroad journal box covers. 2,757,948, 8-7-56, Cl. 288—29.
- Klingler, Karl A. Journal lubricating system. 2,758,894, 8-14-56, Cl. 308—90.
- Klingler, Karl A. Gaskets or packing rings for journal boxes. 2,768,012, 10-23-56, Cl. 288—11.
- Klingler, Karl A., and W. O. Martin, to Crerar Adams & Co. Railroad air valve. 2,735,726, 2-21-56, Cl. 303—68.
- Klingler, Martin L. *See—*
- Demler, Henry W., and Klingler. 2,774,269.
- Klink, Herbert R. Grain sterilizing apparatus. 2,729,864, 1-10-56, Cl. 21—91.
- Klinker, Henry D. Advertising and display device. 2,757,470, 8-7-56, Cl. 40—126.
- Klinkhamer, Jacob F., to Hartford National Bank and Trust Co. Electro-mechanical resonator. 2,730,633, 1-10-56, Cl. 310—26.
- Klinkhamer, Jacob F., to Hartford National Bank and Trust Co., as trustee. Electric four terminal filter network. 2,756,395, 7-24-56, Cl. 333—71.
- Klint, Bernard C. Toy hopper. 2,751,712, 6-26-56, Cl. 214—4.
- Klinzing, August F. Barn gutter cleaner. 2,768,734, 10-30-56, Cl. 198—229.
- Klipsch, Paul W. Loud speaker. 2,731,101, 1-17-56, Cl. 181—31.
- Kloekner-Humboldt-Deutz A. G. *See—*
- Cordier, Otto, and Gerecke. 2,740,387.
- Keywilt, Johann. 2,736,302.
- Medenus, Bernhard. 2,736,299.
- Medenus, Bernhard. 2,736,301.
- Reyl, Gaston K. 2,740,389.
- Ziesche, Kurt, and Keywilt. 2,740,273.
- Ziesche, Kurt, and Keywilt. 2,729,168.
- Kloekner-Humboldt-Deutz Aktiengesellschaft: *See—*
- Platz, Emil, and Hövel. 2,758,581.
- Platz, Emil, and Hövel. 2,766,741.
- Müller, Franz. 2,756,951.
- Klod, John A. Bearing structure for the shaft of a feed screw of a meat grinding machine. 2,743,751, 5-1-56, Cl. 146—182.
- Kloekner-Humboldt-Deutz Aktiengesellschaft: *See—*
- Mittag, Friedrich C. J., and Weinrich. 2,760,729.
- Kloepfer, Harry A., E. G. Weitzrecht, and H. Kohl, to Deutsche Gold- und Silber-Scheideanstalt vormals Roessler. Process for the production of finely divided silicates of low density. 2,742,845, 4-17-56, Cl. 23—110.
- Klok, Carl E. Can opening hand punch. 2,754,582, 7-17-56, Cl. 20—16.
- Klompark, Joseph R., to Northrop Aircraft, Inc. Explosion suppression device. 2,736,386, 2-28-56, Cl. 169—4.
- Kloote, George E., to Haskell Mfg. Corp. Hollow panel construction. 2,760,240, 8-28-56, Cl. 20—35.
- Klopfenstein, Gerald J. *See—*
- Martin, Paul A., Klopfenstein, and Doelling. 2,731,171.
- Klopp, Friedrich. Hydraulic transmission with inwardly and outwardly moving and rotating pistons. 2,733,663, 2-7-56, Cl. 103—162.
- Klöppling, Carl P., to Hartford National Bank and Trust Co., as trustee. Electric discharge tube. 2,760,100, 8-21-56, Cl. 313—261.
- Klöppling, Hein L., to E. I. du Pont de Nemours and Co. Inner salts of substituted 2-dithiocarbamic acids and process. 2,729,644, 1-3-56, Cl. 260—294.8.
- Klöppling, Hein L., to E. I. du Pont de Nemours and Co. 1,2-(Dithiocarbonyl)polymethylene quaternary ammonium inner salts. 2,729,645, 1-3-56, Cl. 260—294.8.
- Klöppling, Hein L., to E. I. du Pont de Nemours and Co. 2-Thionocarbonylhydrazides of (carboxymethyl) quaternary ammonium salts and method. 2,729,646, 1-3-56, Cl. 260—294.8.
- Klopstock, Hans. Stapling appliances. 2,771,609, 11-27-56, Cl. 1—49.
- Klose, Burton J. Electro-responsive target. 2,767,987, 10-23-56, Cl. 273—102.2.
- Klosin, John J., Jr. Compression type electric connector. 2,734,923, 2-14-56, Cl. 174—94.
- Kloski, John F. *See—*
- Girouard, Edgar A., and Kloski. 2,767,821.
- Kloski, John F., to Royal McBee Corp. Carriage returning mechanism for typewriters or like machines. 2,729,322, 4-3-56, Cl. 197—66.
- Kloss, Champion Motors Co. Control mechanism for outboard marine motors. 2,729,186, 1-3-56, Cl. 115—18.
- Kloss, Dale D., to Champion Motors Co. Outboard motor mounting mechanism. 2,740,602, 4-3-56, Cl. 248—4.
- Kloss, Dale D., to Champion Motors Co. Helical spring action clutch. 2,756,555, 7-31-56, Cl. 192—41.
- Klostermann, Curt W., to American Phenolic Corp. Coaxial butt contact connector. 2,757,351, 7-31-56, Cl. 339—177.
- Klostermann, Curt W., to Amphel Electronics Corp. Break-away connector. 2,761,111, 8-28-56, Cl. 339—91.
- Klotz, Abraham I. Handle assembly for portable bags. 2,769,474, 11-6-56, Cl. 150—12.
- Klotzer, Wilhelm: *See—*
- Bretschneider, Hermann, and Klotzer. 2,774,756.
- Kluckhohn, Edward H. Methods of removing and transplanting trees. 2,770,076, 11-13-56, Cl. 47—58.
- Klug, Charles W. Apparatus for contact arc suppression in an electric generator regulator. 2,736,857, 2-28-56, Cl. 322—89.
- Klug, Eugene D.: *See—*
- Grassie, Vernon R., and Klug. 2,748,111.
- Klug, Eugene D., to Hercules Powder Co. Ethyl oxyethyl cellulose derivative and method of preparation of the same. 2,744,116, 1-31-56, Cl. 260—231.
- Klug, Eugene D., to Hercules Powder Co. Process for preparing sulfuric acid esters of cellulose. 2,753,337, 7-3-56, Cl. 260—215.
- Klug, Harry A. Internal combustion engines. 2,763,254, 9-18-56, Cl. 123—191.
- Klug, Max: *See—*
- Becke, Friedrich, Libowitzky, Markgraf, and Klug. 2,767,219.
- Kluge, Dorothea: *See—*
- Kluge, Friedrich H. 2,753,808.
- Kluge, Friedrich H., deceased: D. Kluge, administratrix. 2,753,808, 7-10-56, Cl. 103—115.
- Kluge, Herman D.: *See—*
- Caffrey, James M., Jr., Kluge, and Tessieri. 2,767,143.
- Knowles, Edwin C., Patterson, and Kluge. 2,734,088.
- Kluge, Wilhelm F., to Fried. Krupp Stahlbau Rheinhausen. Oscillating device with two oscillating masses adapted periodically to approach each other and to recede from each other. 2,741,826, 4-17-56, Cl. 74—87.
- Kluh, Bethune G., to Monsanto Chemical Co. Wet-grinding apparatus. 2,754,067, 7-10-56, Cl. 241—98.
- Klugmann, Julius. Adjustable brushes. 2,750,616, 6-19-56, Cl. 15—41.
- Klumb, Emil, to Modern Carpet Sweeper Co., Inc. Carpet sweeper. 2,745,125, 5-15-56, Cl. 15—41.
- Klumb, George H., R. E. Schulze, and D. C. Bergstedt, to Culligan, Inc. Regeneration of service demineralizers. 2,736,698, 2-28-56, Cl. 210—24.
- Klyne, Stephen D., to J. H. Emerson. Switch and alarm device embodying the same for use in a rocking bed or the like. 2,761,125, 8-28-56, Cl. 340—267.
- Kmieciak, Leopold J., to McDonnell & Miller, Inc. Pressure and temperature relief valves. 2,747,802, 5-29-56, Cl. 236—92.
- Kmieciak, Leopold J., to McDonnell & Miller, Inc. Boiler control mechanism. 2,770,695, 11-13-56, Cl. 200—84.
- Kmiotek, Thomas E. Spray gun attachment for portable electric drills. 2,736,606, 2-28-56, Cl. 299—89.
- Kmit, John: *See—*
- Denker, Charles T., and Kmit. 2,763,506.
- Knibel, Hanns. Dispenser for canned liquid goods. 2,746,645, 8-22-56, Cl. 229—86.
- Knapp, Albert, to Glaceries de St. Roch Societe Anonyme. Process and apparatus for the continuous production of flashed glass. 2,751,714, 6-26-56, Cl. 49—3.
- Knaggs, Edward A.: *See—*
- Sanders, Herbert L., Knaggs, and Nussbaum. 2,748,184.
- Knandel, George J.: *See—*
- Bacon, Walter M., Knandel, Kreczek, and Locke. 2,766,318.
- Knapp, Albert S., to G. F. Wright Steel & Wire Co. Woven wire fabric. 2,740,601, 4-3-56, Cl. 245—10.
- Knapp, Alfred P.: *See—*
- Hill, Robert H., and Knapp. 2,743,229.
- Knapp, Alfred P., to Knapp Mills Inc. Apparatus for cladding tanks. 2,736,937, 3-6-56, Cl. 22—123.
- Knapp, Alfred P., to Knapp Mills Inc. Support means. 2,765,136, 10-2-56, Cl. 248—49.
- Knapp, Andrew S., to Knapp-Monarch Co. Twin window fans. 2,759,412, 8-21-56, Cl. 98—94.
- Knapp, Andrew S., to Knapp-Monarch Co. Combination stove and broiler. 2,764,080, 9-25-56, Cl. 99—339.
- Knapp, Budd L. Adjustable work stop for lathe spindles. 2,756,059, 7-24-56, Cl. 279—2.
- Knapp, George A.: *See—*
- Davis, Louis E., Stube, and Knapp. 2,738,414.
- Knapp, George A., to R. E. Dietz Co. Vehicle lighting devices. 2,738,413, 3-13-56, Cl. 240—7.1.
- Knapp, George A., to R. E. Dietz Co. Vehicle signal light. 2,739,224, 3-20-56, Cl. 240—8.22.
- Knapp, George P., M. Meyer, W. P. Robbins, and R. T. Zwack, to Curtiss-Wright Corp. Turbine propeller control system. 2,737,252, 3-6-56, Cl. 170—135.72.
- Knapp, Gloria H. Surgical stitching instrument with rotatable needle support. 2,737,954, 3-13-56, Cl. 128—340.
- Knapp, Ismond E.: *See—*
- Eckhardt, Owen S., and Knapp. 2,761,790.
- Knapp, James G.: *See—*
- Falma, Joseph, Jr., and Knapp. 2,741,787.
- Knapp, Kenneth D., and J. T. Schooler, to Elgin Manufacturing Co. Wrapping machine. 2,762,176, 9-11-56, Cl. 53—66.
- Knapp, Lester H. Simulated hockey game board. 2,769,638, 11-6-56, Cl. 273—85.
- Knapp, Marion A., to Rico Enterprises, Inc. Display holder for tires. 2,737,743, 3-13-56, Cl. 40—125.
- Knapp Mills Inc.: *See—*
- Knapp, Alfred P. 2,736,937.
- Knapp, Alfred P. 2,765,136.

- Knapp-Monarch Co.: *See*—  
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 Kueser, John J. 2,741,975.  
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 Knapp, Rudolph W., to The Monier Corp. Snap-on radial mounted printed die. 2,771,031, 11-20-56, Cl. 101-415.1.  
 Knapp, Walter, to Reamstown Products Co. Electric motor. 2,729,758, 1-3-56, Cl. 310-59.  
 Knapp, Walter, to Reamstown Products Co. Multiple position wood working machine. 2,744,650, 5-3-56, Cl. 144-134.  
 Knapp, Walter, to Reamstown Products Co. Multiple position woodworking machine. 2,752,959, 7-3-56, Cl. 143-35.  
 Knapp, Willard E.: *See*—  
 Bush, Walter M. 2,767,795.  
 Knapp, Walter J. Foundry cupola with separate fuel supply. 2,760,771, 8-28-56, Cl. 266-27.  
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 Rodis, Franz, and Klee. 2,767,136.  
 Knapsack-Griesheim Aktiengesellschaft für Stickstoffdünger und Autogentechnik: *See*—  
 Rodis, Franz, and Thomas. 2,774,734.  
 Knauer, Berthold, to Pitney-Bowes, Inc. Date wheel setting device. 2,762,298, 9-11-56, Cl. 101-110.  
 Knaut, Wilhelm, to Carl Zeiss, Jena, Fabrik Photographischer Präzisions-Apparate. Supplementary operating knob for photographic cameras. 2,775,437, 12-11-56, Cl. 95-11.  
 Knaus, Nicholas, and A. G. Millington, to The Singer Mfg. Co. Feeding mechanism for sewing machines. 2,771,848, 11-27-56, Cl. 112-7.  
 Knaus, Rudolph, to Olin Mathieson Chemical Corp. Production of olefin chlorohydrins. 2,769,845, 11-6-56, Cl. 260-634.  
 Knauth, John P., and K. R. Lang, to Syracuse Special Machine Co., Inc. Welding apparatus. 2,740,877, 4-3-56, Cl. 219-17.  
 Knautz, Emil: *See*—  
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 Knebel, Herman C., to S. H. Pomeroy & Co., Inc. Metallic window sash. 2,775,325, 12-25-56, Cl. 189-76.  
 Knecht, Norman, to Minneapolis-Honeywell Regulator Co. Liquid level responsive float suspension. 2,751,178, 6-19-56, Cl. 248-317.  
 Kneeb, Simon. Wallet with improved foldable pass case. 2,746,503, 8-22-56, Cl. 150-35.  
 Kneen, Eric, to The Kurth Malting Co., and 1/2 to Wisconsin Malting Co. Manufacture of stabilized beer. 2,748,002, 5-29-56, Cl. 99-48.  
 Knell, George, to The Chain Saw Blade with oiling means. 2,785,823, 10-9-56, Cl. 148-32.  
 Knelson, Henry L. Hydraulic presses. 2,742,853, 4-24-56, Cl. 100-214.  
 Kneppshield, Coralie: *See*—  
 Seebredt, Herbert B., and Kneppshield. 2,766,987.  
 Knickerbocker, Karl. Film carrying reel. 2,729,404, 1-3-56, Cl. 242-74.  
 Knickerbocker Plastic Co., Inc.: *See*—  
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 Knickerbocker Rubber Co., Not Inc.: *See*—  
 Holden, Orloff W. 2,739,711.  
 Holden, Orloff W. 2,771,998.  
 Lee, John C., and Gerberich. 2,741,467.  
 Knieriem, Arlington W., and L. C. Folst, to Calresin Industries, Inc. Plastic tote box. 2,760,676, 8-28-56, Cl. 220-97.  
 Knieriem, Arlington W., and L. C. Folst, to Calresin Industries, Inc. Plastic case for transporting packaged fresh milk. 2,763,024, 12-11-56, Cl. 220-97.  
 Kniff, August A. Apparatus for tacking. 2,741,764, 4-17-56, Cl. 1-81.  
 Knight, Alfred E. Action frame for piano. 2,761,345, 8-4-56, Cl. 84-250.  
 Knight, Arthur R. Control system. 2,764,698, 9-25-56, Cl. 250-214.  
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 Knight, Clarence K. Molding of a smooth surface reinforced cementitious slab. 2,740,162, 4-3-56, Cl. 18-60.  
 Knight, David G., and I. W. Whittle, to Santon Ltd. Rotary electrical switches. 2,761,027, 8-28-56, Cl. 200-15.  
 Knight, Frederick L., to United States Steel Corp. Lining for soaking pit burner ports. 2,734,734, 2-14-56, Cl. 263-46.  
 Knight, George C., to The C. Knight Co. Toy steering wheel. 2,733,543, 2-7-56, Cl. 46-1.  
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 Knight, Harry L. Device for checking wheel alignment. 2,732,626, 1-31-56, Cl. 33-203.2.  
 Knight, Hogan B.: *See*—  
 Swern, Daniel, Coleman, and Knight. 2,750,362.  
 Knight, Hogan B., and D. Swern, to the United States of America as represented by the Secretary of Agriculture. Esters of 9,10-dihydroxystearic acid with other alcohols. 2,729,612, 1-3-56, Cl. 260-314.  
 Knight, Hogan B., R. E. Koos, and D. Swern, to the United States of America as represented by the Secretary of Agriculture. Addition of organic acids to the double bond of unsaturated fatty compounds. 2,759,953, 8-21-56, Cl. 260-405.  
 Knight, Hugh T. Lead pencils. 2,760,924, 6-19-56, Cl. 120-19.  
 Knight, James L., to General Electric Co. Time controlled cover lock for clothes washers and the like. 2,738,072, 3-13-56, Cl. 210-63.  
 Knight, John D., to The Astrup Co. Non-adjustable shutter awning. 2,733,485, 2-7-56, Cl. 20-57.5.  
 Knight, John P. Continuous inking device for inking ribbon. 2,770,215, 11-13-56, Cl. 118-260.  
 Knight, John J.: *See*—  
 Loos, Edward G. 2,775,140.  
 Knight Leather Products, Inc.: *See*—  
 Miller, George, and Benz. 2,730,153.  
 Knight, Maurice A.: *See*—  
 Strigle, Ralph F., Jr., and Smith. 2,768,408.  
 Knight, Milton A. Storage battery with vent plug. 2,770,666, 11-13-56, Cl. 136-178.  
 Knight, Philip L., to Surface Combustion Corp. Burner apparatus. 2,764,145, 9-25-56, Cl. 126-91.  
 Knight, Ronald G.: *See*—  
 Bray, Frederick H., Knight, and Hartley. 2,774,820.  
 Knights, Richard N., to Dowty Equipment Ltd. Fluid pressure operated jacks. 2,764,151, 9-25-56, Cl. 121-38.  
 Knill, Robert B., and J. J. Hosely, to The Goodyear Tire & Rubber Co. Puncture sealing inner tube. 2,752,979, 7-3-56, Cl. 152-347.  
 Knipmeyer, Kenneth. Laundry apparatus. 2,737,799, 3-13-56, Cl. 650-56.  
 Knipp, Erwin, and W. Geil, to Junkerker Gewerkschaft. Moulding apparatus. 2,742,683, 4-24-56, Cl. 22-32.  
 Knittie, Harry R. Raker control. 2,729,175, 1-3-56, Cl. 110-32.  
 Knittie, Harry R., to Pneumatic Scale Corp., Ltd. Container filling machine. 2,755,007, 7-17-56, Cl. 226-72.  
 Knobel, Max, to Pneumatic Scale Corp., Ltd. Weighing machine. 2,755,057, 7-17-56, Cl. 249-48.  
 Knoblaugh, Armand F., to The Baldwin Piano Co. Reverb. 2,768,235, 10-23-56, Cl. 179-1.  
 Knobloch, Carl W., to Erie Art Metal Co., Inc. Protective strip for containers. 2,774,509, 12-18-56, Cl. 220-73.  
 Knöchel, Leo. Spring engaged and latch released clutch. 2,762,480, 9-11-56, Cl. 192-82.  
 Knöck, Martin B. Safety device for refrigerators. 2,733,576, 2-7-56, Cl. 62-89.  
 Knock A Bar, Inc.: *See*—  
 Barber, John J. 2,744,177.  
 Knöke, Donald P. Pictorial transparencies and method of making same. 2,762,153, 9-11-56, Cl. 41-21.  
 Knodler, Karl: *See*—  
 Amann, Max, and Knodler. 2,736,513.  
 Knodler, Roy E., to Knodler Manufacturers, Inc. Seat structure. 2,753,526, 8-21-56, Cl. 155-51.  
 Knoevenagel, Kurt W., to Norddeutsche Affinerie, and C. F. Spiess & Sohn. Novel 3-substituted 4-hydroxycumarins and their process of preparation. 2,743,283, 4-24-56, Cl. 260-343.2.  
 Knobel, Friedrich K., to Illinois Tool Works. Polygonal lock washer having undulating configuration. 2,730,155, 1-10-56, Cl. 151-35.  
 Knohl, Friedrich K., to Illinois Tool Works. Electrical connector. 2,762,026, 9-4-56, Cl. 359-192.  
 Knott, Kornelis S., and G. de Vries, to Hartford National Bank and Trust Co. as trustee. Device for amplitude modulation of ultra short waves. 2,775,739, 12-25-56, Cl. 332-57.  
 Knoll A. G. Chemische Fabriken: *See*—  
 Dengel, Ferdinand. 2,734,908.  
 Knoll Associates, Inc.: *See*—  
 Bertio, Harry. 2,763,318.  
 Knoll, John W. Potentiometers. 2,729,729, 1-3-56, Cl. 20-56.  
 Knoll, Paul H., and S. J. Kozłowski. Signal for fishing rods. 2,775,053, 12-25-56, Cl. 43-17.  
 Knoll, Werner, to H. Mahlak A. G. Apparatus for measuring the pressure of fluids located within bodies of solid material. 2,747,407, 5-29-56, Cl. 73-295.  
 Knoll, Werner, and C. H. Biedendieck, to H. Mahlak Aktiengesellschaft. Apparatus for measuring variable conditions in bore-boles. 2,750,796, 6-19-56, Cl. 73-152.  
 Knolle, Wilhelm, A. Lentz, T. Lanig, and R. Stier, to Heinrich Lanz Aktiengesellschaft. Internal-combustion engines, particularly hot-bulb engines. 2,742,025, 4-17-56, Cl. 123-32.  
 Knomark Mfg. Co., Inc.: *See*—  
 Frank, Jerome M. 2,764,770.  
 Frank, Jerome M. 2,768,404.  
 Knopf, Edward J., to Wheeling Steel Corp. Coating sheets with molten metal and apparatus therefor. 2,759,850, 8-21-56, Cl. 117-114.  
 Knopf, Erich H., to Aschaffenburg Zellstoffwerke A. G. Cellulose cookers. 2,745,743, 5-15-56, Cl. 92-7.  
 Knorr, Gladys M.: *See*—  
 La Lande, William A., Jr., Knorr, and Aegle. 2,758,077.  
 La Lande, William A., Jr., Knorr, and Aegle. 2,758,078.  
 Knorr, Rex B. Collapsible enclosure for infants. 2,772,859, 12-4-56, Cl. 256-25.  
 Knosp, Robert N., C. E. Linden, and F. O. Wetzel, to The Fosdick Machine Tool Co. Machine tool clamping mechanism. 2,762,243, 9-11-56, Cl. 77-27.



- Knost, Lloyd H. Offset flanging machine. 2,740,451, 4-3-56, Cl. 153-29.
- Knost, Lloyd H. Cone rolling apparatus. 2,759,514, 8-21-56, Cl. 153-44.
- Knost, Lloyd H. Drive for metal forming machine. 2,774,247, 12-18-56, Cl. 74-206.
- Knott, Frederick, Jr. : See—  
Cottle, Delmer L., Knott, and Young. 2,758,975.
- Knott, Harold M., to Deere & Co. Cotton picker doffer. 2,741,891, 4-15-56, Cl. 56-41.
- Knott, Harold M., to Deere & Co. Cotton picker doffer. 2,770,086, 11-13-56, Cl. 56-41.
- Knott, Clyde L., to United Shoe Machinery Corp. Automatic fastener driving devices. 2,732,554, 1-31-56, Cl. 1-18.
- Knott, Edward B. : See—  
Judy, George, Knott, and Pollak. 2,732,316.
- Knott, Edward B., to Eastman Kodak Co. Sensitizing dyes containing a chain alkyl or arylthio group. 2,739,965, 3-27-56, Cl. 260-240.1.
- Knott, Edward B., to Eastman Kodak Co. Thiazolone derivative. 2,739,970, 3-27-56, Cl. 260-306.7.
- Knott, Edward B., to Eastman Kodak Co. Sensitizing dyes containing 4-aryl-5-aryloxy or 5-arylothiazole nucleus. 2,743,272, 4-24-56, Cl. 260-240.1.
- Knott, Edward B., to Eastman Kodak Co. Merocyanine dyes containing a chain substituent. 2,743,273, 4-24-56, Cl. 260-240.1.
- Knott, Edward B., to Eastman Kodak Co. Rhodanine compounds. 2,743,278, 4-24-56, Cl. 260-306.7.
- Knott, Edward B., and J. Morgan, to Eastman Kodak Co. Silver halide emulsion containing molecular compounds of silver salts with amidines. 2,732,302, 1-24-56, Cl. 95-7.
- Knouse Foods Cooperative, Inc. : See—  
Oyler, James R. 2,755,190.
- Knouse, Lynn L. Attachment for linotype machines. 2,766,727, 10-16-56, Cl. 120-30.
- Knowland, Thomas M., and R. S. Camelio, to Boston Woven Hose and Rubber Co. Fire hose and method of making. 2,754,848, 7-17-56, Cl. 138-55.
- Knowland, Thomas M., and R. S. Camelio, to Boston Woven Hose and Rubber Co. Forming tube for glass yarn. 2,767,741, 10-23-56, Cl. 138-55.
- Knowles, Cecil M., and J. J. Ayo, Jr., to General Aniline & Film Corp. Detergent composition and method of producing same. 2,758,977, 8-14-56, Cl. 252-153.
- Knowles, Dennis H., to The Goss Printing Press Co. Web tension control. 2,743,882, 5-1-56, Cl. 242-75.
- Knowles, Edwin C., J. A. Patterson, and H. D. Kluge, to The C. C. Monomeric condensation products of alkylated phenols with carbonyl-containing compounds and compositions containing said products. 2,734,088, 2-7-56, Cl. 260-619.
- Knowles, Frank W. Apparatus for making ice in small pieces. 2,749,722, 6-12-56, Cl. 62-108.
- Knowles, Frank W. Purger for refrigeration system. 2,767,559, 10-23-56, Cl. 62-117.85.
- Knowles, John H., to Dorr-Oliver Inc. Scum skimming devices for longitudinal sedimentation tanks having reciprocating sediment conveying apparatus. 2,734,634, 2-14-56, Cl. 260-155.
- Knowles, John H., to Dorr-Oliver Inc. Distributor for trickling filters. 2,767,020, 10-16-56, Cl. 299-69.
- Knowles, M. B. : See—  
Bell, Alan, Knowles, and Tholstrup. 2,739,066.  
Bell, Alan, Knowles, and Tholstrup. 2,759,928.  
Dobbs, Donald J., Tholstrup, and Knowles. 2,735,218.
- Knowles, M. B., to Eastman Kodak Co. Process for production of 2,4,5-trihydroxyacetophenone. 2,763,691, 9-18-56, Cl. 260-592.
- Knowles, Talbot R., to Northrop Aircraft, Inc. Dynamometer. 2,736,196, 2-28-56, Cl. 73-136.
- Knowles, William L., to Coru-Ply Corp. Rotary machine for making corrugated wood. 2,759,506, 8-21-56, Cl. 144-254.
- Knowles, William L., to Coru-Ply Corp. Endless web corrugating machine. 2,764,193, 9-25-56, Cl. 144-254.
- Knowles, William L., to Coru-Ply Corp. Movable plunger type machine for making corrugated wood. 2,766,787, 10-16-56, Cl. 144-256.
- Knowles, William S. : See—  
Donath, Erwin, and Knowles. 2,753,547.  
Farrar, Martin W., Raffelson, and Knowles. 2,759,928.  
Farrar, Martin W., Raffelson, and Knowles. 2,759,929.  
Furber, David B., and Knowles. 2,765,298.
- Knowles, William S., to Monsanto Chemical Co. 3,11-diketeto-17-aldehyde-4,16-androstadiene and process. 2,736,732, 2-28-56, Cl. 260-397.3.
- Knowles, William S., to Monsanto Chemical Co. Esters and salts of 16,17-dihydroxycyclohexanophenanthren-3-one derivatives substituted at 9,11 positions. 2,736,745, 2-28-56, Cl. 260-488.
- Knowles, William S., to Applied Science Corp. of Princeton. Signal translator. 2,753,546, 7-3-56, Cl. 340-183.
- Knowles, William S., to Monsanto Chemical Co. Compounds for synthesizing steroids. 2,760,966, 8-28-56, Cl. 260-343.2.
- Knowles, William S., to Monsanto Chemical Co. Compounds for synthesizing steroids. 2,760,975, 8-28-56, Cl. 260-514.
- Knowles, William S., to Monsanto Chemical Co. Substituted phenanthrene-3-one. 2,760,982, 8-28-56, Cl. 260-580.
- Kowiton, Clarence S., to Bell Telephone Laboratories, Inc. Current supply regulating apparatus. 2,734,164, 2-7-56, Cl. 323-56.
- Knox, David M. Invertible and adjustable picture frames. 2,735,205, 2-21-56, Cl. 40-155.
- Knox, Donald G., to The National Supply Co. Free piston well pump. 2,762,309, 9-11-56, Cl. 103-52.
- Knox, Emil. Closure structure for handbags and the like. 2,747,222, 3-6-56, Cl. 150-44.
- Knox, Granville S., to Hydril Corp. Kelly packer and blow-out preventer. 2,731,281, 1-17-56, Cl. 286-16.1.
- Knox, Granville S., to Hydril Corp. Valve. 2,734,714, 2-14-56, Cl. 251-171.
- Knox, Granville S., to Hydril Corp. Spherical valve. 2,734,715, 2-14-56, Cl. 251-171.
- Knox, Granville S., to Hydril Corp. Retrieval plug and actuating means therefor. 2,737,245, 3-6-56, Cl. 166-125.
- Knox, Granville S., to Hydril Corp. Accumulator or pulsation damper. 2,757,689, 8-7-56, Cl. 138-30.
- Knox, John B. First cabinets. 2,766,093, 10-9-56, Cl. 312-330.
- Knox, Leslie H. B. : See—  
Clarke, Michael E., and Knox. 2,740,077.
- Knox, Philander C., III Christmas tree holder. 2,733,882, 2-7-56, Cl. 248-146.
- Knox, Scottie E. : See—  
Tenney, William L. 2,768,031.
- Tenney, William L., Knox, and Frank. 2,738,334.
- Knox, William J., Jr., E. F. Twardokus, and G. D. Davis, to Eastman Kodak Co. Method of preparing photographic products. 2,739,591, 3-27-56, Cl. 117-34.
- Knox, William T., Jr. : See—  
Ricards, Harold A., Jr., Matheson, Cooper, Knox, and Russell. 2,741,177.
- Russell, Francis R., and Knox. 2,741,178.
- Knox, William T., Jr., to Esso Research and Engineering Co. Propane dewaxing of lubricating oils. 2,745,791, 5-15-56, Cl. 198-18.
- Knox, William T., Jr., to Esso Research and Engineering Co. Hydrotreating lubricating oil to improve color and neutralization number using a platinum catalyst on alumina. 2,756,183, 7-24-56, Cl. 196-35.
- Knox, William T., Jr., to Esso Research and Engineering Co. Oxidation resistant mineral oils and method of preparing same. 2,768,129, 10-23-56, Cl. 196-147.
- Knoy, Marion F., to The Institute of Gas Technology. Gas range. 2,762,360, 9-11-56, Cl. 126-39.
- Knudsen, Christian O. : See—  
Glen M., Knudsen, and Braden. 2,779,179.
- Knudsen Creamery Co. of California. : See—  
Sellstrom, Lawrence T. 2,746,267.  
Sellstrom, Lawrence T. 2,746,268.
- Knudsen, Earl, to Modern Display Co., Inc. Bulletin board. 2,757,469, 8-7-56, Cl. 40-125.
- Knudsen, Harold W., to The Lewis Engineering Co. Electric wire coupling. 2,729,800, 1-3-56, Cl. 339-188.
- Knudsen, Knud J., to The Lewis Engineering Co. Electric temperature control. 2,761,052, 8-28-56, Cl. 219-20.
- Knudsen, Raymond G., and H. P. Last, to Snap-on Tools Corp. Impact screw pullers. 2,748,458, 6-5-56, Cl. 29-280.
- Knudsen, Richard W. Lifting mechanism for toilet seats. 2,772,422, 12-4-56, Cl. 4-251.
- Knudson, Clarence B., and J. L. Bule, to Hoffman Electronics Corp. Engine ignition systems or the like. 2,772,320, 11-27-56, Cl. 123-148.
- Knudson, Giltner J., to Bendix Aviation Corp. Electrical apparatus. 2,756,268, 7-24-56, Cl. 123-148.
- Knudson, Giltner J., to Bendix Aviation Corp. Electric connector. 2,759,040, 8-14-56, Cl. 174-77.
- Knudson, Harold W., to H & V Specialties Co., Inc., and P. Lorillard Co. Filter for tobacco smoke. 2,761,798, 9-13-56, Cl. 131-13.
- Knudson, Harold W., to H & V Specialties Co., Inc., and P. Lorillard Co. Method of making a filter for tobacco smoke. 2,765,515, 10-9-56, Cl. 28-72.
- Knudson, Oliver L., and E. C. Eigenbrodt. Reciprocating bell. 2,753,572, 7-10-56, Cl. 5-101.
- Knuepper, Walter J., to International Telephone and Telegraph Corp. Carrying handle. 2,767,424, 10-23-56, Cl. 16-126.
- Knupp, Emil, R. Aenshaenslin, and G. Widmer, to Ciba Ltd. Process for the fixation of mechanically produced effects on textile material, and material. 2,749,257, 6-5-56, Cl. 131-13.
- Knut, Ernst, to Farbenfabriken Bayer Aktiengesellschaft. Impregnating and insulating materials. 2,752,322, 6-26-56, Cl. 260-33.8.
- Knuth, Carl, to Kiekhaefer Corp. Engine fuel pressure regulator. 2,771,868, 11-27-56, Cl. 123-136.
- Knuth, Charles J. : See—  
Bavley, Abraham, and Knuth. 2,773,897.
- Knutsen, Knut A., to Compagnie Des Machines Bull (Societe Anonyme). Process for recording on a recording card or strip. 2,735,617, 2-21-56, Cl. 235-61.12.
- Knutsen, Knut A., to Compagnie Des Machines Bull (Societe Anonyme). Apparatus for safeguarding against errors in accounting documents. 2,755,022, 7-17-56, Cl. 235-61.6.
- Knutsen, Knut A., to Compagnie Des Machines Bull (Societe Anonyme). Error checking device for record-controlled accounting machine. 2,759,669, 8-21-56, Cl. 235-61.7.
- Knutsen, Knut A., to Compagnie Des Machines Bull (Societe Anonyme). Detecting errors in accounting machines. 2,765,982, 10-9-56, Cl. 235-61.7.
- Knutsen, Morris N. Key type can opener. 2,738,099, 3-13-56, Cl. 220-32.
- Knutsen, Glenn C. Silo unloader. 2,756,112, 7-24-56, Cl. 302-56.
- Knutsen, Harold O., to Max Factor & Co. Bottle capping device. 2,760,391, 8-28-56, Cl. 81-52.4.

- Knutti, Helmut: *See—*  
 Köhler, Horst, and Knutti. 2,731,853.  
 Knutti, Helmut, to C. Zeiss. Cemented three-lens apochromatic objective. 2,768,555, 10-30-56, Cl. 88-57.
- Ko, David W. and W., and W. M. Auchenbach, to Komak, Inc. Method of forming ornamented surfaces. 2,731,333, 1-17-56, Cl. 43.
- Ko, Wesley: *See—*  
 Ko, David W. and W., and Auchenbach. 2,731,333.
- Kobayashi, Albert S., to Illinois Tool Works. Gearing unit. 2,756,014, 7-31-56, Cl. 74-606.
- Kobayashi, Minoru: *See—*  
 Sasaki, Jun-ichi, Kobayashi, and Maeda. 2,736,856.
- Kobayashi, Norio. Rings for spinning machines. 2,772,535, 12-4-56, Cl. 57-119.
- Kobe, Inc.: *See—*  
 Brown, John R. 2,744,880.  
 Coberly, Clarence J. 2,743,581.  
 Coberly, Clarence J. 2,761,514.  
 Coberly, Clarence J. 2,761,840.
- Kober, William. Dynamoelectric control. 2,767,368, 10-16-56, Cl. 32-57.
- Koblanski, John. Pipette. 2,756,597, 7-31-56, Cl. 73-425.6.
- Koble, Robert A., and F. T. Sherck, to Phillips Petroleum Co. Hydrocarbon separation. 2,775,103, 12-25-56, Cl. 62-123.
- Kobler, Paul, to V. and W. Kobler. Shearhead for dry shaving apparatus. 2,739,380, 3-27-56, Cl. 30-43.
- Kobler, Paul. Electric shaver. 2,766,390, 10-9-56, Cl. 310-47.
- Kobler, Victor: *See—*  
 Kobler, Paul. 2,739,380.  
 Kobler, Victor and W. Plug for electrical apparatus. 2,729,797, 1-3-56, Cl. 339-36.
- Kobler, Victor and W. Dry shaver. 2,771,672, 11-27-56, Cl. 310-43.
- Kobler, Werner: *See—*  
 Kobler, Paul. 2,739,380.  
 Kobler, Victor and W. 2,729,797.  
 Kobler, Victor and W. 2,771,672.
- Kobliska, John J., to American Cyanamid Co. Grading process and apparatus. 2,734,631, 2-14-56, Cl. 209-237.
- Koblitz, Francis F., to Bjorksten Research Laboratories, Inc. Adhesive comprising alkyl glycol carbonate and articles bonded therewith. 2,774,697, 12-18-56, Cl. 154-43.
- Koblitz, Francis F., and J. G. Hilden, to Bjorksten Research Laboratories, Inc. Method of making transparent laminates. 2,760,893, 8-28-56, Cl. 154-273.
- Koch, Karl. Droplet extension table. 2,758,898, 8-14-56, Cl. 311-61.
- Koch, August, to Martignoni, Koch & Cie., A. G. Copying lathe for shoe lasts and other irregular bodies. 2,765,819, 10-9-56, Cl. 142-7.
- Koch, Benny L. Telescopic pocket umbrella. 2,772,685, 12-4-56, Cl. 135-26.
- Koch Engineering Co., Inc.: *See—*  
 Huggins, Clifford A. 2,752,139.  
 Huggins, Clifford A. 2,757,915.  
 Huggins, Clifford A., and Thrift. 2,737,377.  
 Huggins, Clifford A., and Thrift. 2,732,080.
- Koch, George J., and D. S. Brinsmaid, to Eastman Kodak Co. Long wavelength transmitting optical interference filters. 2,742,819, 4-24-56, Cl. 88-112.
- Koch, Gustav H., to Westinghouse Electric Corp. Air translating apparatus. 2,729,389, 1-3-56, Cl. 230-259.
- Koch, Gustav H., to Westinghouse Electric Corp. Brush shifting device for controlling speed of an electric motor. 2,761,983, 9-4-56, Cl. 310-40.
- Koch, Harry A.: *See—*  
 Gendler, Stanley L., and Koch. 2,765,414.
- Koch, Heinrich, H. Füllnis, and K. F. Möllering, to Firma Drägerwerk, Heintz & Bernh. Dräger. Apparatus for artificial respiration, in particular for purposes of anesthesia. 2,766,753, 10-16-56, Cl. 123-188.
- Koch, Karl. Device for removably connecting an element to a wall. 2,747,904, 5-29-56, Cl. 287-23.
- Koch, Paul H., to The Babcock & Wilcox Co. Method of and apparatus for controlling vapor temperatures. 2,737,931, 3-13-56, Cl. 122-479.
- Koch, Paul H., to The Babcock & Wilcox Co. Apparatus for modifying vapor superheat temperatures. 2,764,137, 9-25-56, Cl. 122-478.
- Koch, Richard C., to Industrial Development Engineering Associates, Inc. Stabilizer for radio frequency amplifier. 2,751,444, 6-19-56, Cl. 179-171.
- Koch, Robert B.: *See—*  
 Davis, William J., and Koch. 2,736,057.
- Koch, Robert B., and R. E. James, Jr., to The Polymer Corp. Production of nylon rod. 2,747,222, 5-29-56, Cl. 18-12.
- Koch, Robert B., and R. E. James, Jr., to The Polymer Corp. Method and apparatus for continuously forming elongated shapes from thermoplastic materials. 2,747,224, 5-29-56, Cl. 18-14.
- Koch, Robert E.: *See—*  
 Smith, Sidney R., Jr., and Koch. 2,744,982.
- Koch, Roy F., to The Hoover Co. Brush structure. 2,734,212, 2-14-56, Cl. 15-183.
- Koch, Walter G., to International Steel Co. Building construction. 2,737,267, 3-6-56, Cl. 189-35.
- Koch, Werner, to Faber & Schleicher Aktiengesellschaft. Device for side registering sheets in printing or similar machines. 2,739,362, 1-10-56, Cl. 271-39.
- Koch, Werner, to Faber & Schleicher Aktiengesellschaft. Device for cleaning cylinders. 2,731,916, 1-24-56, Cl. 101-425.
- Koch, Werner, to Faber & Schleicher Aktiengesellschaft. Stacking device for machines working on sheets, particularly printing machines. 2,738,973, 8-20-56, Cl. 271-39.
- Koch, Werner, to Faber & Schleicher Aktiengesellschaft. Sheet transferring device for multi-unit printing machines. 2,756,995, 7-31-56, Cl. 271-50.
- Koch, Werner, to Faber & Schleicher Aktiengesellschaft. Sheet transporting and stacking device for printing machines. 2,769,634, 11-6-56, Cl. 271-79.
- Koch, Wilhelm, to Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Solid, stable diazonium compounds and process of preparing the same. 2,744,103, 8-5-56, Cl. 260-141.
- Koch, William M., to Reed Roller Bit Co. Diamond drilling bits. 2,738,166, 3-13-56, Cl. 255-72.
- Koch, Winfield R., to Radio Corp. of America. Grounded grid U. H. F. amplifier with gain control and constant input impedance. 2,739,189, 3-20-56, Cl. 179-171.
- Koch, Winfield R., to Radio Corp. of America. Coupling circuit for semi-conductor devices. 2,747,111, 5-22-56, Cl. 307-38.5.
- Kochanski, Horst: *See—*  
 Körber, Kurt, Kuchalski, Flocke, and Heuer. 2,745,413.
- Kocher, Hans, to Corthert Watch Co. Index regulator set. 2,729,057, 1-3-56, Cl. 58-113.
- Kochman, Henry G.: *See—*  
 Korman, Paul J., and Kochman. 2,759,097.
- Kock, Winston E.: *See—*  
 Hanson, Robert L., and Kock. 2,736,771.
- Kock, Winston E., to Bell Telephone Laboratories, Inc. Metallic lens antenna. 2,735,435, 1-31-56, Cl. 343-909.
- Kock, Winston E., to Bell Telephone Laboratories, Inc. Directive antenna systems. 2,736,894, 2-28-56, Cl. 343-753.
- Kock, Winston E., to Bell Telephone Laboratories, Inc. Wave refracting devices. 2,747,184, 5-22-56, Cl. 343-909.
- Kock, Winston E., to Bell Telephone Laboratories, Inc. Wave energy compound refractors. 2,769,171, 10-30-56, Cl. 343-909.
- Kockritz, Hans M., H. K. F. Steyer, K. H. Kronauer, and H. Baumann, to Brown, Boveri & Cie. Aktiengesellschaft. Gas turbine plant. 2,741,422, 4-10-56, Cl. 230-4.
- Kocks, Friedrich. Machine for expanding tubes. 2,736,361, 2-28-56, Cl. 153-80.5.
- Kocks, Friedrich. Method for the production of iron and steel. 2,744,820, 5-8-56, Cl. 75-11.
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- Koeur, Joseph S.: *See—*  
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- Kodama, George T., to Sprague Electric Co. Automatic screening machine. 2,767,648, 10-23-56, Cl. 101-126.
- Kodat, Ervin B., to United Wallpaper, Inc. Paper containers. 2,754,045, 10-10-56, Cl. 229-7.
- Koebel Diamond Tool Co.: *See—*  
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- Koeber, Henry J., Jr., to Bell & Howell Co. Endoring apparatus or the like. 2,773,446, 12-11-56, Cl. 101-233.
- Koeber, Adolf, and E. M. Meade. Production of capillary active amine-amides. 2,742,464, 4-17-56, Cl. 260-247.2.
- Koedderich, John T., and M. Weixelbaum, to American Thermovar Co. Microscope illuminator. 2,764,672, 9-25-56, Cl. 240-64.
- Koehl, Herman, to C. E. M. Co. Resilient coiled sheet metal fastening pin. 2,737,843, 3-13-56, Cl. 85-5.
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- Koehler, Donald C., to Bell Telephone Laboratories, Inc. Test fixture for welded relay contacts. 2,754,680, 7-17-56, Cl. 73-95.
- Koehler, Gordon T., to The Koehler Aircraft Products Co. Fluid control valves. 2,768,806, 10-30-56, Cl. 251-174.
- Koehler, Max, to A. H. Schilling. Process for the manufacture of piston rings by powder metallurgy and articles obtained thereby. 2,741,827, 4-17-56, Cl. 29-182.
- Koehler, Max. Articles of sintered iron and method of making same. 2,759,810, 8-21-56, Cl. 75-123.
- Koehler, Robert B., and E. J. Rabenda, to International Business Machines Corp. Resinous tube accumulator. 2,767,348 10-10-56, Cl. 315-84.6.
- Koehler, Vernon W. Closure operator. 2,773,687, 12-11-56, Cl. 268-21.
- Koehler, William J. Anchoring plate. 2,743,825, 5-1-56, Cl. 214-10.5.
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 Foulter, John W. 2,739,716.
- Koehring, Leonard. Collapsible mops. 2,741,790, 4-17-56, Cl. 15-147.



- Kochring, Roland P., and C. E. Wilkens, to General Motors Corp. Apparatus for contour rolling. 2,748,634, 6-5-56, Cl. 80-23.
- Koel, James A., to Central Commercial Industries, Inc. Combined musical instrument. 2,761,344, 9-4-56, Cl. 84-171.
- Koelbel, Herbert, and R. Langheim, to Rheinpreussen Aktiengesellschaft für Bergbau und Chemie. Method of producing iron castings containing kieselguhr. 2,761,847, 9-4-56, Cl. 252-457.
- Koelsch, Albert C., Jr., to International Business Machines Corp. Document sensing device. 2,731,200, 1-17-56, Cl. 235-61.11.
- Koelsch, Walter: *See—*
- Koeppe, Walter, von Kutepow, and Koelsch. 2,768,968.
- Koenecke, Donald F., to Esso Research and Engineering Co. Synthetic drying oils. 2,733,267, 1-31-56, Cl. 260-534.
- Koenecke, Donald F., and J. F. Nelson, to Esso Research and Engineering Co. Exterior surface coatings. 2,773,780, 2-11-56, Cl. 106-243.
- Koenig, Bernard R.: *See—*
- Koenig, Harold P., and Koenig. 2,757,437.
- Koenig, Carl F., to General Motors Corp. Tire trackpartial engagement type. 2,745,460, 5-15-56, Cl. 152-182.
- Koenig, Edgar A. Pipe stopper. 2,740,606, 4-3-56, Cl. 251-173.
- Koenig, Edward L.: *See—*
- Koenig, Martin R., and Koenig. 2,756,703.
- Koenig, Herbert G., to Trio Mfg. Co. Electric resistor. 2,729,728, 1-3-56, Cl. 201-55.
- Koenig, Philip C., to Boeing Airplane Co. Lock collar swaging tools. 2,764,045, 9-25-56, Cl. 78-46.
- Koenig, Robert H., to Owens-Illinois Glass Co. Vial necking machines. 2,738,622, 3-20-56, Cl. 49-7.
- Koenig, Robert H. Tape switch. 2,770,696, 11-13-56, Cl. 206-86.
- Koenig, Steven F.,  $\frac{1}{2}$  to R. S. Mehr. Bi-directional drain valve. 2,758,664, 8-14-56, Cl. 182-25.
- Koenig, Walter, Jr., to Bell Telephone Laboratories, Inc. Bidirectional amplifiers. 2,733,303, 1-31-56, Cl. 179-170.
- Koenig, Walter, Jr., to Bell Telephone Laboratories, Inc. Bidirectional amplifiers. 2,733,304, 1-31-56, Cl. 179-170.
- Koenigsberg, Max, to The Engender Co., Inc. Furniture structure. 2,766,816, 10-16-56, Cl. 153-180.
- Koeper, Casper J.: *See—*
- Jones, Harry G., Jr., Koeper, and Gilhooley. 2,755,738.
- Koepeke, Hans H., to J. M. Voith. Head cover for turbines and pumps. 2,765,930, 1-28-56, Cl. 253-155.
- Koepeke, Lloyd E., and E. D. Storm. Outboard motor carrier. 2,745,673, 5-15-56, Cl. 280-40.
- Koepp, Rudolph, & Co. Chemische Fabrik Aktiengesellschaft: *See—*
- Klapproth, Herbert. 2,743,295.
- Koepsell, Harold J. R. W. Jackson, and C. A. Hoffman, to the United States of America as represented by the Secretary of Agriculture. Production of fructose. 2,729,587, 1-3-56, Cl. 195-31.
- Koerbis, Albert E.: *See—*
- Krefft, Hermann, and Harris, and Koerbis. 2,763,803.
- Koerner, Dan E., to Western Electric Co., Inc. Strand advancing apparatus. 2,755,917, 7-24-56, Cl. 203-300.
- Koerner, Lawrence F., to Bell Telephone Laboratories, Inc. Thermistor network. 2,764,731, 9-25-56, Cl. 323-69.
- Koerner, Paul M.: *See—*
- Nordin, Henry G., and Koerner. 2,770,014.
- Koertge, Nobel: *See—*
- Hansen, Gilbert H., Koertge, and White. 2,747,035.
- Koertge, Nobel H., to Furnas Electric Co. Oiltight rotary selector switch. 2,748,208, 5-29-56, Cl. 200-186.
- Koester, Arthur F., Sr. Fishing line retriever. 2,739,404, 3-27-56, Cl. 43-17-2.
- Koester, David W.: *See—*
- Donovan, Joseph J., Koester, and Milliken. 2,755,257.
- Milliken, Thomas H., Jr., and Koester. 2,769,688.
- Koester, Melvin C., to Libbey-Owens-Ford Glass Co. Package of curved glass sheets. 2,743,010, 4-24-56, Cl. 206-62.
- Koester, Melvin C., and F. J. Mainz, to Libbey-Owens-Ford Glass Co. Shipping container for glass sheets. 2,734,626, 2-14-56, Cl. 206-62.
- Koetting, J. C.: *See—*
- Stephenson, Jake M. 2,736,257.
- Kofford, Roy S. Automatic watering device for poultry. 2,748,795, 6-8-56, Cl. 137-408.
- Kofford, Walter M.: *See—*
- Keller, Philip B., and Kofford. 2,773,601.
- Kofoid, Melvin J., to Northwest Nut Growers. Electric nut breaker. 2,739,685, 5-29-56, Cl. 146-227.
- Kofoid, Orville, 50% to R. B. Mfg. Corp. Diffusing apparatus. 2,746,795, 5-22-56, Cl. 299-69.
- Kogel, Wilhelm G., to Aktiebolaget Elektrolux. Absorption refrigeration. 2,750,763, 6-19-56, Cl. 62-119.5.
- Kogel, Wilhelm G., K. G. Boren, and A. H. Ostergren, to Aktiebolaget Elektrolux. Absorption refrigeration apparatus. 2,773,359, 12-11-56, Cl. 62-103.
- Koger, Richard B., and D. A. McGinnis. Bottle holder. 2,754,078, 7-10-56, Cl. 248-311.
- Kogge, Roy. Alternating current power amplifier. 2,762,011, 9-4-56, Cl. 323-86.
- Kohl, Arthur L., and F. C. Riesenfeld, to The Fluor Corp., Ltd. Separation of acetylene compounds. 2,773,560, 12-11-56, Cl. 183-115.
- Kohl, Everard F., and Z. Kazenas, said Kazenas to Mercast Corp. Process of forming shell mold. 2,749,586, 6-12-56, Cl. 22-194.
- Kohl, Gerald C. Injection needle guide. 2,740,404, 4-3-56, Cl. 128-215.
- Kohl, Hans: *See—*
- Kloepfer, Harry, Frey, Weitbrecht, and Kohl. 2,742,345.
- Kohl, Jerome, and R. L. Newacheck, to Tracerlab, Inc. Injector. 2,752,067, 6-26-56, Cl. 222-80.5.
- Kohl, Walter H., to Collins Radio Co. Resonatron filament basket. 2,758,361, 8-14-56, Cl. 29-25.18.
- Kohl, William R. Device for packaging shirts and the like in bags. 2,742,748, 4-24-56, Cl. 53-261.
- Kohle, Albert G. Ribbing blocking machine. 2,761,192, 9-4-56, Cl. 26-18.5.
- Kohler Co.: *See—*
- Fisher, Edwin L., and Fenton. 2,730,350.
- Kohler, Fred. Arc suppressor for dielectric heating equipment. 2,763,758, 9-18-56, Cl. 219-10.77.
- Kohler, George O.: *See—*
- Graham, William R., Jr., Kohler, and Blauw. 2,751,302.
- Köhler, Helfried K., H. W. Guldner, and W. W. Teil, to VEB Buchungsmaschinenwerk Karl-Marx-Stadt. Device for driving or stopping a driven shaft. 2,744,600, 5-8-56, Cl. 192-148.
- Kohler, Horst: *See—*
- Conrad, Rudolf, and Kohler. 2,767,613.
- Köhler, Horst, to Zeiss. Objective lens for field glass. 2,764,064, 9-25-56, Cl. 88-57.
- Köhler, Horst, and H. Knutti, to C. Zeiss. Afoal anamorphic cylindrical objective lens system. 2,731,883, 1-24-56, Cl. 88-57.
- Kohler, Jacob W. L.: *See—*
- Jonck, Cornelius O., Kohler, Liebe, and van der Ster. 2,741,751.
- Köhler, Jacob W. L., to Hartford National Bank and Trust Co., trustee. Refrigerator gas liquefaction device. 2,734,354, 2-14-56, Cl. 62-122.
- Köhler, Jacob W. L., to Hartford National Bank and Trust Co., trustee. Refrigerator gas liquefier. 2,745,262, 5-15-56, Cl. 62-123.
- Köhler, Jacob W. L., to Hartford National Bank and Trust Co., as trustee. Apparatus for liquefying air. 2,764,877, 9-14-56, Cl. 62-122.
- Köhler, Jacob W. L., and W. F. Schalkwijk, to Hartford National Bank and Trust Co., trustee. Cold gas refrigerator. 2,750,765, 6-19-56, Cl. 62-136.
- Kohler, Paul, to Pecar Fabrikation von Zielfernrohren und Feldsteinern Paul Kohler & Co. Sighting telescope. 2,764,877, 9-14-56, Cl. 62-122.
- Köhler, Rudolf, and H. Pietsch, to Henkel & Cie. G. m. b. H. Synthetic resins from oxacyclobutane compounds and dicarboxylic acids. 2,764,575, 9-25-56, Cl. 260-75.
- Kohler, William L., and E. G. Gaynor, to I. H. Reindel. Terminal clip. 2,766,438, 10-9-56, Cl. 339-256.
- Kohlman, Walter. Method of balancing rotary members. 2,745,287, 5-15-56, Cl. 73-481.
- Kohlhagen, Walter, to The E. Ingraham Co. Self-lubricating shaft bearings. 2,747,361, 5-29-56, Cl. 58-52.
- Kohlhagen, Walter, to The E. Ingraham Co. Shock and vibration proof oscillator. 2,750,750, 6-19-56, Cl. 58-116.
- Kohlmeier, George W., to Case Mfg. Corp. Water closet. 2,773,267, 12-11-56, Cl. 4-13.
- Kohls, Erich E., and G. S. Thompson, to John Oster Mfg. Co. Household mixer with axially yieldable beaters. 2,747,845, 5-29-56, Cl. 259-131.
- Kohlmann, George W., and J. Wesely, to Brüder Eisert Aktiengesellschaft. Lighter for liquid or gaseous fuel. 2,763,129, 9-18-56, Cl. 67-7.1.
- Kohn, Samuel, and H. Guyot, to Office National d'Etudes et de Recherches Aeronautiques. Method of studying the distribution of strain in mechanical parts. 2,763,154, 9-18-56, Cl. 73-38.
- Kohnen, Clarence B. Can handle and punch. 2,765,530, 10-9-56, Cl. 30-123.
- Kohout, George A., Stoker. 2,735,384, 2-21-56, Cl. 110-104.
- Kohring, Edwin, to A. H. Schutte. Swivel wheel head for grinding machine. 2,758,428, 8-14-56, Cl. 51-166.
- Kohr, Wilhelm M. Precision resistances. 2,742,551, 4-17-56, Cl. 201-64.
- Kohn, Robert C.: *See—*
- Pooley, Robert W., and Kohn. 2,743,931.
- Kok, Gerardus J. M. Apparatus for edge splicing of wood veneers. 2,739,685, 5-29-56, Cl. 144-279.
- Kokkino, Triantafyllos T. Tobacco smoking mouthpiece. 2,737,187, 3-6-56, Cl. 131-198.
- Kokles, Nick A., Jr.: *See—*
- Magee, Charles, and Kokles. 2,763,944.
- Kolar, Hugo R., to J. L. Younghusband. Dental plate adhesion. 2,759,858, 8-21-56, Cl. 106-206.
- Kolar, Robert F., and J. D. Callaghan, to Radio Corp. of America. Multi-band antenna. 2,756,420, 7-24-56, Cl. 343-727.
- Kolb, Albert J., Jr. Rug construction. 2,759,865, 8-21-56, Cl. 154-49.
- Kolb, Arthur F.: *See—*
- Douglas, John F. H., and Kolb. 2,736,843.
- Kolb, Harry J., to E. I. du Pont de Nemours and Co. Process of crimping polyethylene terephthalate filaments by heat stretching and heat relaxing. 2,758,908, 8-14-56, Cl. 8-130.1.
- Kolbe, Adalbert E., to General Motors Corp. Manifold support structure. 2,771,865, 11-27-56, Cl. 123-52.
- Kolbe, Frank P., to The United Electric Coal Companies. Rotary cutting wheel type excavating apparatus. 2,757,462, 8-7-56, Cl. 37-190.

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- Kolbe, Joachim. Banking vehicle with superstructure supporting torsion springs and king-pin banking hinges. 2,739,658, 3-27-56, Cl. 180-73.
- Kolbe, Joachim. Banking arm supported vehicle with power assist units controlling banking and oscillation. 2,739,823, 3-27-56, Cl. 280-112.
- Kolbe, Joachim. Sway bar operated banking car with banking motion center located near the height of the center of gravity of the superstructure. 2,760,785, 8-28-56, Cl. 280-112.
- Kolbe, Joachim. Banking vehicle with separate superstructure banking motion center and power-assist banking. 2,760,786, 8-28-56, Cl. 280-112.
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- Köbel, Herbert, and P. Ackermann, to Rheinpreussen Aktiengesellschaft für Bergbau und Chemie. Reactivation of catalysts. 2,775,607, 12-25-56, Cl. 260-449.6.
- Kolberg, Joseph M. Electric cooking device. 2,759,091, 8-14-56, Cl. 219-43.
- Koldewald Corp.: See—
- Claire, Verne, Jr. 2,754,393.
- Claire, Verne, Jr. 2,763,057.
- Kolehmainen, Elmar, to West Coast Tool & Supply Co. Flexible link ammunition chute. 2,752,024, 6-26-56, Cl. 193-25.
- Kolene Corp.: See—
- Webster, Hugh G. 2,760,927.
- Kolesa, Thomas J., to General Steel Castings Corp. Railway truck. 2,741,996, 4-17-56, Cl. 105-196.
- Kolka, Alfred J.: See—
- Closson, Rex D., Kolka, and Ligett. 2,750,384.
- Closson, Rex D., Kolka, and Ligett. 2,750,417.
- Closson, Rex D., Kolka, and Ligett. 2,751,426.
- Closson, Rex D., Kolka, and Ligett. 2,769,550.
- Kolka, Alfred J., to Ethyl Corp. Dehydrochlorination of benzene hexachloride. 2,773,105, 12-4-56, Cl. 260-650.
- Kolka, Alfred J., and H. D. Orloff, to Ethyl Corp. Dehydrochlorination of benzene hexachloride. 2,729,683, 1-3-56, Cl. 260-648.
- Kolkman, Dirk: See—
- Eienbaas, Willem, Kolkman, and Hurx. 2,739,261.
- Kolkman, Dirk, to Hartford National Bank and Trust Co. Gas-filled electric discharge tube. 2,733,368, 1-31-56, Cl. 313-109.
- Kolkman, Dirk, and A. J. de Visser, to Hartford National Bank and Trust Co., trustee. Low-pressure arc-discharge tube supplied with direct current. 2,748,308, 5-29-56, Cl. 313-185.
- Kolks, Karl, to Koppers Co., Inc. Container for moist or sticky materials, for example coal. 2,733,540, 2-7-56, Cl. 222-195.
- Kolks, Karl, to Koppers Co., Inc. Regenerative oven reversing and venting apparatus. 2,737,481, 3-6-56, Cl. 202-151.
- Kolland, Emil: See—
- Dietrich, Paul, and Kolland. 2,729,163.
- Dietrich, Paul, and Kolland. 2,730,363.
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- Koller, Edward J., and C. J. Bohn, to Wonder Products Co. Stand for spring suspended hobby horse. 2,758,632, 8-14-56, Cl. 155-17.
- Koller, Lewis R., to General Electric Co. Secondary electron emitting system. 2,730,640, 1-10-56, Cl. 313-68.
- Kollgaard, Reyner: See—
- Savage, Reuben T., and Kollgaard. 2,734,805.
- Kollgaard, Reyner, to Houdry Process Corp. Disengagement of gases from a moving bed of fluent solid particles. 2,745,724, 6-15-56, Cl. 203-288.
- Kollgaard, Reyner, to Houdry Process Corp. Transfer and circulation of solid granular material. 2,758,883, 8-14-56, Cl. 302-57.
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- Kollgaard, Reyner, and J. J. Cicalese, to Houdry Process Corp. Entrainment of fines. 2,754,966, 7-17-56, Cl. 209-139.
- Kolling, Helmut: See—
- Rappen, Friedrich, and Kolling. 2,740,807.
- Kolling, Helmut, to Ruhrchemie Aktiengesellschaft. Neutralization of sulfonic acids. 2,766,276, 10-9-56, Cl. 260-503.
- Kollman, Jack: See—
- Russell, John J., Beck, and Kollman. 2,738,897.
- Russell, John J., Beck, and Kollman. 2,773,817.
- Kollman, Jack, and W. A. Beck, to Ekco-Alcoa Containers, Inc. Food packaging assembly. 2,775,363, 12-25-56, Cl. 229-33.
- Kollmann, Harry, to Formart Containers, Inc. Apparatus for molding pulp. 2,748,672, 6-5-56, Cl. 92-54.
- Kollmann, Karl A.: See—
- Forster, Hans J. M., and Kollmann. 2,732,048.
- Forster, Hans-Joachim M., Kollmann, and Kümlich. 2,747,430.
- Kollmann, Karl A., to Daimler-Benz Aktiengesellschaft. Fluid coupling device. 2,761,276, 9-4-56, Cl. 60-12.
- Kollmann, Karl J. Shaft coupling. 2,755,115, 7-17-56, Cl. 287-76.
- Kollman, Melvin F.: See—
- Rose, John J., and Kollman. 2,734,477.
- Kollman Instrument Corp.: See—
- Andersen, John H., Jr. 2,753,415.
- Andersen, John H., Jr., and Kasner. 2,755,440.
- Eckweiler, Howard J., Jr. 2,758,500.
- Von Ranson, Josef. 2,766,502.
- Von Ranson, Josef. 2,771,731.
- Kolmar Laboratories, Inc.: See—
- Wollersheim, Richard J. 2,731,777.
- Kolsrud, Ernest R.: See—
- Atanassoff, John V., and Kolsrud. 2,739,297.
- Kolstad, Welding Co., to Albert & J. M. Anderson Mfg. Co. Electrical connector. 2,745,076, 5-8-56, Cl. 339-47.
- Komak, Inc.: See—
- Ko, David W., and W., and Auchenbach. 2,731,333.
- Komarov, Ivanov, and Co.: See—
- Komarek, Gustav, and K. R. 2,766,109.
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- Komarek, Gustav, and K. R.: See—
- Komarek, Gustav, and K. R. 2,766,109.
- Komarnitsky, Rostislav S.: See—
- Puglielli, Alphonse, and Komarnitsky. 2,746,704.
- Komerska, Frank J., to Ainsworth Mfg. Corp. Military stores rack. 2,746,091, 7-24-56, Cl. 294-83.
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- Bouvy, Jacques J. B. J., and Komijn. 2,768,810.
- Kominami, Tsuguo, and Y. Ukita, to Omni Products Corp. Polymerization of vinyl acetate with peroxide, amine, sulfonic acid, and catalyst system. 2,746,947, 5-22-56, Cl. 260-89.1.
- Kommer, Fred A., to ACF Industries, Inc. Carburetor accelerating pump with gas vent. 2,775,435, 12-25-56, Cl. 267-24.
- Kommer, Fred A., to ACF Industries, Inc. Throttle actuated starter switch device. 2,775,711, 12-25-56, Cl. 290-38.
- Kommer, Fred A., and A. W. Zub, to Carter Carburetor Corp. Starter switch. 2,747,051, 5-22-56, Cl. 206-61.9.
- Komph, W. H. M. L. Sr., and The Wellman Engineering Co. Reciprocating fluid actuated motors and cushioning valve therefor. 2,735,404, 2-21-56, Cl. 121-38.
- Komusin, Erich. Device for dispensing tickets. 2,740,581, 4-3-56, Cl. 235-31.
- Konak, Donald S.: See—
- Hoffmeister, John F., and Koncak. 2,754,982.
- Kondolf, Mathias R., to Traffic Controls, Inc. of Delaware. Traffic camera. 2,742,834, 4-24-56, Cl. 95-11.
- Konefes, Joseph H.: See—
- Konefes, Florence B., and Konefes. 2,761,288.
- Konefes, Joseph H., to Amana Refrigeration, Inc. Trim strip and mounting therefor. 2,758,748, 8-14-56, Cl. 220-73.
- Konet, Henry, and C. E. Hurlbut, to Bendix Aviation Corporation. Servo system. 2,743,288, 5-15-56, Cl. 74-5.47.
- König, Hans, and H. O. Schenley, to Schenley Industries, Inc. Process for the production of the thiosemicarbazone isonicotininaldehyde. 2,744,906, 5-8-56, Cl. 260-294.8.
- Königsberg, Moses, and F. Camps-Campins, to Jam. Finishing compositions comprising aqueous dispersions of butadiene acrylonitrile copolymer and polyvinyl alcohol. 2,771,456, 11-20-56, Cl. 260-29.6.
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- Van Gelder, Dirk W. 2,61,759.
- Koninklijke Verenigde Tapijfabrieken N. V.: See—
- Hellebrekers, Henricus W. J. 2,735,452.
- Konkel, Frank J. Machine for grinding files. 2,761,251, 9-4-56, Cl. 51-33.
- Kono, Terry T. Fishing line guide. 2,740,221, 4-3-56, Cl. 43-24.
- Konrad, Erich J. Cooking and heating plates. 2,773,165, 12-4-56, Cl. 219-37.
- Konrad, Luise, and G. K. Winz, to G. M. Pfaff A.-G. Heated foot supports. 2,756,318, 9-24-56, Cl. 219-15.
- Konrad, William L., to Westinghouse Air Brake Co. Sound simulator for use in aircraft pilot trainers. 2,768,371, 10-23-56, Cl. 340-384.
- Kontos, James. Protector for flexible fittings for flexible tanks. 2,731,094, 1-17-56, Cl. 164-78.
- Kontz, Wilhelm, to C. H. Boehringer Sohn. Process of N-alkylating compounds having reactive imino groups. 2,767,182, 10-16-56, Cl. 260-255.
- Kookler, Ralph L. Corn shear shield for farm tractor rear wheels. 2,739,824, 3-27-56, Cl. 280-160.
- Koolman, Pieter L., and J. D. de Graff, to Handelsmaatschappij Avedco. C. V. Calorimeter for measuring the amount of heat given out or absorbed by a flowing medium. 2,766,620, 10-16-56, Cl. 73-193.
- Koostira, Lambert F., to The Babcock & Wilcox Co. Creep rupture testing apparatus. 2,748,597, 6-5-56, Cl. 73-15.6.
- Koostira, Lambert F., and R. V. Cobb, to The Babcock & Wilcox Co. Residual pulp liquor oxidizing means. 2,771,460, 11-20-56, Cl. 23-283.
- Kool, Cornelis M. H., J. Lolkema, and G. Moes, to Naamloze Vennootschap W. J. Scholten & Co. Chemische Fabriek. Process of manufacturing polyhydric alcohols by catalytic reduction of carbohydrates. 2,759,023, 8-14-56, Cl. 260-635.
- Kool Vent Metal Awning Corp. of America: See—
- Harrison, Roland, and Kepple. 2,734,236.
- Tate, William F. 2,755,522.
- Tate, William F. 2,753,324.



- Koons, David R.,  $\frac{1}{2}$  to R. N. Stiffer. Fuel saving attachment for an internal-combustion engine. 2,761,660, 9-4-56, Cl. 261-15.
- Koons, Russell E., to Monsanto Chemical Co. Preparation of acrylonitrile. 2,744,926, 5-8-56, Cl. 260-465.3.
- Koontz, Marshall D. Stabilized trailer load distributor. 2,756,22, 2-7-56, Cl. 280-405.
- Koonz, Andrew M. Hair trimmer. 2,744,316, 5-8-56, Cl. 30-31.
- Koonz, Carl H.: See—  
Hale, Cedric, and Koonz. 2,756,155.
- Koopal, Sieds: See—  
Van Loon, Willem, and Koopal. 2,738,256.
- Koopal, Sieds, and J. H. C. Moison, to Stamicarbon N. V. Preparation of calcium carbide. 2,749,219, 6-5-56, Cl. 25-208.
- Kooperativa Föbundet, Ekonomisk Förening: See—  
Ivarsson, Nemo V. M. 2,732,136.
- Koorevaar, Jan: See—  
De Jong, Geert J., and Koorevaar. 2,761,885.
- Koorevaar, Jan, to Stamicarbon N. V. Preparation of di-tolyl methane. 2,761,884, 9-4-56, Cl. 260-668.
- Koos, Arendt E.: See—  
Russell, Francis R., and Koos. 2,758,855.
- Koos, Ronald E.: See—  
Knight, Hogan B., Koos, and Swern. 2,759,953.
- Kooser, Eugene K.: See—  
Brandau, Harvey M., and Kooser. 2,756,097.
- Kopczynski, John F. Machine tools. 2,741,074, 4-10-56, Cl. 51-134.5.
- Kopczynski, John F. Abrasive grinders. 2,772,524, 12-4-56, Cl. 51-168.
- Kopelman, Bernard, to Sylvania Electric Products Inc. Tungsten bronze rectifiers. 2,760,126, 8-21-56, Cl. 317-238.
- Kopf, Rowland J.: See—  
Pfaß, Elmer F., and Kopf. 2,767,398.
- Kopf, Rowland J., and R. Marsh, to Portable Industries, Inc. Ejector for powder-actuated tools. 2,771,696, 11-27-56, Cl. 81-250.
- Kopke, Ernst W., to Ultra-Sucro Co. Apparatus and process for continuous crystallization of sugar and the like. 2,743,198, 4-24-56, Cl. 127-15.
- Koplin, Harry: See—  
Slater, Arthur B., Sr., and Koplin. 2,752,770.
- Kopp, Marvin, to General Aniline & Film Corp. Cleaner-sanitizer. 2,742,434, 4-17-56, Cl. 252-106.
- Kopparfors Aktiebolag: See—  
Palm, Carl K. F., and Nylof. 2,773,720.
- Koppel, Joseph, to Mercantile & Exchange Corp. Swivel mounting devices. 2,757,030, 7-31-56, Cl. 287-91.
- Kopelman, Edward, to Raymond De-Icer and Engineering Co., Inc. Antennas and material for fabrication thereof. 2,750,321, 6-12-56, Cl. 154-127.
- Koppers Co., Inc.: See—  
Becker, Joseph. 2,756,198.
- Christensen, John C., and Fair. 2,749,250.
- D'Alelio, Gaetano F. 2,734,888.
- D'Alelio, Gaetano F. 2,739,948.
- D'Alelio, Gaetano F. 2,759,908.
- Doll, Franz. 2,757,183.
- Doll, Franz. 2,772,226.
- Doll, Franz, and Brandenbusch. 2,753,200.
- Donath, Ernest E. 2,751,287.
- Frese, Erich L., Schappert, and Simmat. 2,738,311.
- Goeke, Eberhard. 2,752,289.
- Häberle, Albert, and Gödde. 2,730,707.
- Häberle, Albert, and Kemper. 2,734,562.
- Hannes, Paul. 2,736,504.
- Harlow, Earl V. 2,737,258.
- Harlow, Earl V. 2,737,259.
- Harlow, Earl V. 2,746,563.
- Harlow, Earl V. 2,775,550.
- Hasche, Rudolph L. 2,751,424.
- Hasche, Rudolph L. 2,755,321.
- Henseleit, Georg. 2,746,610.
- Henseleit, Georg. 2,746,611.
- Homan, Paul J. 2,744,858.
- Homan, Paul J. 2,754,981.
- Irvine, Robert L. 2,754,930.
- Kemp, Woodrow E. 2,744,857.
- Kolks, Karl. 2,733,840.
- Kolks, Karl. 2,737,481.
- Leithäuser, Heinz, Linder, and Sattler. 2,775,512.
- McBride, Arthur B. 2,750,054.
- Merkel, Heinrich. 2,773,756.
- Pfaß, George C. 2,760,853.
- Schmidtman, Hans. 2,772,053.
- Schürhoff, Heinrich. 2,746,913.
- Throop, Charles C., and Wince. 2,765,266.
- Totz, Friedrich. 2,751,286.
- Totz, Friedrich, and Linder. 2,734,811.
- Van Ackeren, Joseph. 2,733,054.
- Van Ackeren, Joseph. 2,751,826.
- Van Ackeren, Paul. 2,746,914.
- Van Ackeren, Paul. 2,761,827.
- Van Ackeren, Paul, and Doll. 2,746,786.
- Ward, William F., and Winslip. 2,758,838.
- Webb, George A. 2,736,754.
- Weissenborn, Adolf. 2,741,261.
- Koppers, Heinrich, Gesellschaft mit beschränkter Haftung: See—  
Schmalenbach, Adolf. 2,740,753.
- Koppius, Otto G.: See—  
Coppola, Patrick P., Hughes, and Koppius. 2,769,708.
- Koprowski, Hilary, J. Black, and D. J. Nelsen, to American Cyanamid Co. Rabies vaccines and methods of preparing the same. 2,768,114, 10-23-56, Cl. 167-78.
- Kordak, Clarence J., and H. A. Withall, to Enterprise Railway Equipment Co. Discharge outlet cover plate. 2,751,858, 6-26-56, Cl. 105-282.
- Korb, Anton W., to Jervis Corp. Method of joining materials and joint obtained thereby. 2,760,243, 8-28-56, Cl. 20-69.
- Korb, Anton W., to Jervis Corp. Method and apparatus for forming materials. 2,763,040, 9-18-56, Cl. 23-57.3.
- Korba, George. Window screen. 2,772,731, 12-4-56, Cl. 160-28.
- Korber, Hans: See—  
Virchaux, Paul, and Korber. 2,750,773.
- Korber, Hans. Hydraulic chuck. 2,751,230, 6-19-56, Cl. 279-114.
- Körber, Kurt, to Kurt Körber & Co., K.-G. Method of manufacturing filter mouthpiece cigarettes. 2,740,409, 4-3-56, Cl. 131-94.
- Körber, Kurt, to Kurt Körber & Co. K.-G. Automatic cigarette weighing balance for cigarette making machines. 2,753,871, 7-10-56, Cl. 131-22.
- Körber, Kurt, H. Kochalski, A. Flocke, and W. Heuer, to Kurt Körber & Co. Kommandit-Gesellschaft. Machines for producing cigarettes. 2,745,413, 5-15-56, Cl. 131-84.
- Körber, Kurt, & Co. K.-G.: See—  
Körber, Kurt. 2,740,409.
- Körber, Kurt. 2,753,871.
- Körber, Kurt, Kochalski, Flocke, and Heuer. 2,745,413.
- Richter, Willy, and Flocke. 2,747,582.
- Riegler, Ulrich. 2,737,955.
- Riegler, Ulrich. 2,753,900.
- Ritscher, Arthur. 2,751,959.
- Rode, Ludwig. 2,735,345.
- Schlossmacher, Hubert. 2,767,717.
- Korby, Alfred A. Lawn mower sharpener. 2,733,561, 2-7-56, Cl. 51-250.
- Korchan, Joseph, to P. Korchan. Collapsible shopping cart. 2,738,984, 3-20-56, Cl. 280-86.
- Korchan, Paul: See—  
Korchan, Joseph. 2,738,984.
- Korda, Eugene J. Fuel injection valve. 2,756,107, 7-24-56, Cl. 29-233.
- Kordatzky, Robert W.: See—  
Van Allen, De Witt T., and Kordatzky. 2,760,363.
- Kordish, Paul J. Screw adjustable sliding jaw wrench. 2,739,500, 3-27-56, Cl. 81-163.
- Koree, Jean U. Combined ampul and injection apparatus. 2,733,866, 7-10-56, Cl. 128-216.
- Koren, Heiman W.: See—  
Crownover, Joseph W., and Koren. 2,769,867.
- Koren, Rose. Garment. 2,736,900, 4-3-56, Cl. 2-114.
- Korenak, Anthony J. Straightening device equipped with an optical projection type comparator. 2,748,829, 6-5-56, Cl. 153-52.
- Koret, Inc.: See—  
Koret, Richard. 2,772,713.
- Koret, Richard, to Koret, Inc. Lady's handbag with multiple compartments. 2,772,713, 12-4-56, Cl. 150-28.
- Korfhage, Vincent G., and H. W. Lormer, to The Electric Storage Battery Co. Battery burning apparatus. 2,764,116, 9-25-56, Cl. 113-59.
- Koriagin, Vsevolod B., to Lockheed Aircraft Corp. Canopy mounting. 2,730,777, 1-17-56, Cl. 20-56.4.
- Korkowski, Eberhard, W. Voit, and G. Schmidt, to Robert Bosch G. m. b. H. Control devices for hydraulic motors. 2,750,743, 6-19-56, Cl. 60-52.
- Korkowski, Eberhard, and G. Schmidt, to Robert Bosch G. m. b. H. Hydraulic servo-motors. 2,770,098, 11-13-56, Cl. 60-52.
- Korman, Jerome, and J. A. Hogg, to The Upjohn Co. Carbonxyloxy steroids. 2,774,775, 12-18-56, Cl. 260-397.1.
- Korman, Nathaniel I., and J. R. Ford, to the United States of America as represented by the Secretary of the Army. Electronic signal storage system. 2,766,399, 10-9-56, Cl. 315-23.
- Korman, Samuel: See—  
Sheer, Charles, and Korman. 2,735,016.
- Korn, Waldemar H., to Kornlube Products. Guard and oil-retaining means for railroad journal box. 2,746,777, 5-22-56, Cl. 286-6.
- Korman, Paul J., and H. G. Kochman. Lamp shade holder. 2,759,097, 8-14-56, Cl. 240-138.
- Kornei, Otto, to Cleviste Corp. Method of making magnetic transducer heads. 2,743,507, 5-1-56, Cl. 29-155.5.
- Kornei, Otto, to Cleviste Corp. Method of making a magnetic transducer head. 2,754,569, 7-17-56, Cl. 29-155.7.
- Kornei, Otto, to Cleviste Corp. Magnetic transducer head. 2,769,866, 11-6-56, Cl. 179-100.2.
- Kornfeld, Edmund C.: See—  
Jones, Reuben G., and Kornfeld. 2,744,915.
- Jones, Reuben G., and Kornfeld. 2,744,917.
- Jones, Reuben G., and Kornfeld. 2,745,845.
- Kornfeld, Edmund C., to Eli Lilly and Co. Substituted benz [CD] indolines. 2,751,396, 6-19-56, Cl. 260-319.
- Kornfeld, Edmund C., and E. J. Fornefeld, to Eli Lilly and Co. Substituted benz [CD] indolines. 2,749,353, 6-5-56, Cl. 260-319.
- Kornhauser, Murray: See—  
De Vost, Valmore F., and Kornhauser. 2,767,573.
- Kornlube Products: See—  
Korn, Waldemar H. 2,746,777.

- Kornylak, Andrew T., to Kornylak Engineering Corp. Conveyor belt. 2,746,595, 5-22-56, Cl. 198-195.
- Kornylak, Andrew T., to Kornylak Engineering Corp. Guided carrier conveyor. 2,747,724, 5-29-56, Cl. 198-155.
- Kornylak Engineering Corp. *See*—
- Kornylak, Andrew T. 2,746,595.
- Kornylak, Andrew T. 2,747,724.
- Korolyshun, Russell T. *See*—
- Lovshin, Frank A., Dufourd, and Korolyshun. 2,730,140.
- Koros, Leslie, to Radio Corp. of America. Frequency control. 2,738,422, 3-13-56, Cl. 250-36.
- Korpi, Edwin O., and D. D. Whyte, to The Procter & Gamble Co. Process for preparing detergent compositions. 2,742,435, 4-17-56, Cl. 252-161.
- Korreet-Way Corp. *See*—
- Nash, John J., and Stein. 2,760,549.
- Korski, Frank S., to The Emerson Electric Mfg. Co. Method of making cast rotors. 2,763,916, 9-25-56, Cl. 29-155.53.
- Korsmo, Alfred, and M. Ronning, to Minneapolis-Moline Co. Crop conveying and delivering mechanism for corn harvesters. 2,737,767, 3-13-56, Cl. 56-18.
- Kort, Fritz, to SKF Industries, Inc. Method and means for axially fixing rolling bearings. 2,749,192, 6-5-56, Cl. 30-236.
- Kort, Ludwig. Methods of and means for reducing noises and vibrations produced by screw propellers of ships. 2,756,713, 7-31-56, Cl. 115-42.
- Korrick, Morris. Cutting tool. 2,745,177, 5-15-56, Cl. 30-186.
- Korwin, John J. Sprinkling system. 2,771,320, 11-20-56, Cl. 29-104.
- Koryta, Leonard D., to R. C. Weiss, as trustee. Method of bonding rubber to metal and the resulting article. 2,774,701, 12-1-56, Cl. 154-130.
- Kosak, Stephen, Jr., to Curtiss-Wright Corp. Bearing temperature responsive safety device. 2,767,285, 10-16-56, Cl. 200-142.
- Kosielek, Joseph F., and J. Sulich, Jr., to General Aniline & Film Corp. Light sensitive diazotype material. 2,746,863, 5-22-56, Cl. 95-6.
- Kosalek, Joseph F., and J. Sulich, Jr., to General Aniline & Film Corp. Light sensitive diazotype materials. 2,772,974, 12-4-56, Cl. 91.
- Kosanovich, John. Fish bobber attachment. 2,775,059, 12-25-56, Cl. 43-44.88.
- Kosatka, Thomas O., to Victor Mfg. & Gasket Co. Fluid seal. 2,729,482, 1-3-56, Cl. 288-13.
- Koch, Alois J. Magnetic top device. 2,774,185, 12-18-56, Cl. 46-235.
- Kosche, Rudolf L. H., to Daimler-Benz Aktiengesellschaft. Internal combustion engine. 2,766,739, 10-16-56, Cl. 123-32.
- Koschek, Henry E. Brief cases. 2,755,837, 7-24-56, Cl. 150-16.
- Kosfeld, Milton M., to General Electric Co. Air conditioning apparatus. 2,746,266, 5-22-56, Cl. 62-115.
- Kosher, Andrew B. Holders for bottles and other containers. 2,773,480, 12-1-56, Cl. 120-73.
- Kosik, John, Jr. *See*—
- Doughman, Ferman C., Kosik, and Ferraris. 2,758,670.
- Koskela, Joel. Saw handle. 2,736,354, 2-28-56, Cl. 145-108.
- Koski, Jerry V., and R. E. Schwary, to The Gabriel Co. Multiple stage shock absorber. 2,729,308, 1-3-56, Cl. 188-88.
- Koskinen, Onni S. Expanded metal and method of forming same. 2,751,978, 6-26-56, Cl. 164-6.5.
- Koslo, Robert C. *See*—
- Lockley, Harry L., and Koslo. 2,766,943.
- Lockley, Harry L., and Koslo. 2,766,944.
- Kosloff, Samuel. Portable massaging device. 2,748,763, 6-5-56, Cl. 128-57.
- Kosmin, Milton. *See*—
- Gluesenkamp, Earl W., and Kosmin. 2,765,617.
- Kosmin, Milton, and S. A. Heining, to Monsanto Chemical Co. Process of producing alkyl acrylates by dehydrohalogenation using an anhydrous calcium sulfate catalyst. 2,769,835, 11-2-56, Cl. 260-43.
- Kosmos, John C., to The Chemical Corp. Composition for and method of producing corrosion resistant metal coating. 2,760,890, 8-28-56, Cl. 148-6.2.
- Kosolapoff, Grannady M., to Monsanto Chemical Co. Process of combatting insects utilizing phosphinates. 2,754,242, 7-10-56, Cl. 167-30.
- Kosowsky, Leo K., to Columbia Records Inc. Electroformed iron articles. 2,758,961, 8-14-56, Cl. 204-5.
- Kossa, Edwin, to R. D. Nogueira. Underground pipe stripper. 2,731,738, 1-24-56, Cl. 37-1.
- Kossel, Dierick, and P. Sindel, to Ernst Leitz, G. m. b. H. Prism system for binocular tubes. 2,731,881, 1-24-56, Cl. 88-39.
- Kosman, Simon E. Tire spreader. 2,732,174, 1-24-56, Cl. 254-30.3.
- Kossuth, Otto, and R. G. Corrigan, to Detroit Harvester Co. Slidably adjustable cotter pin bending tool. 2,750,822, 6-19-56, Cl. 81-15.
- Kostelitz, Oscar. *See*—
- Gregory, Paul, Genas, and Kostelitz. 2,737,519.
- Kosten, Leendert, to De Staat der Nederlanden, Ten Deze Verteenwoordigd door de Directeur-Generaal der Posten, Telegraaf en Telefonen. Random digit generator. 2,767,315, 10-16-56, Cl. 250-27.
- Kostenko, Fedir. Hydraulic transmission. 2,735,530, 2-21-56, Cl. 192-60.
- Kostenko, Fedir. Hydraulic transmission. 2,738,046, 3-13-56, Cl. 192-60.
- Koster, Edward C., to The Vlček Tool Co. Apparatus for use in determining moisture content. 2,732,632, 1-31-56, Cl. 34-233.
- Koster, Helen C. *See*—
- Jones, Gilbert H., and Koster. 2,755,480.
- Köster, Werner, and E. Braun, to Metals & Controls Corp. Low expansion alloy. 2,767,086, 10-16-56, Cl. 139-139.
- Kostka, August, and G. 50% to said A. Kostka and 50% to J. Basic. Movable spraying machines. 2,759,762, 8-21-56, Cl. 299-43.
- Kostka, Charles. Child's feeding bottle support-blanket cover and supporting apparatus. 2,759,320, 9-27-56, Cl. 5-35.
- Kostka, Charles. Combined shaping, filing and sawing attachment for lathes. 2,741,953, 4-17-56, Cl. 90-44.
- Kostka, Georges. *See*—
- Kostka, August and G. 2,759,762.
- Kosturos, John D. Foot cushion. 2,737,731, 3-13-56, Cl. 36-8.5.
- Kostriza, John A. *See*—
- Engelmann, Herbert F., and Kostriza. 2,734,170.
- Kostriza, John A., and Kostriza. *See*—
- Kostriza, John A., to International Telephone and Telegraph Corp. Electromagnetic horn. 2,749,545, 6-5-56, Cl. 343-776.
- Kostriza, John A., to International Telephone and Telegraph Corp. Coaxial line switch. 2,771,529, 11-20-56, Cl. 200-153.
- Kostriza, John A., and P. Terranova, to International Telephone and Telegraph Corp. Directional couplers for microwave transmission systems. 2,749,519, 6-5-56, Cl. 333-10.
- Kostriza, John A., and P. Terranova, to International Telephone and Telegraph Corp. Tuner. 2,757,344, 7-31-56, Cl. 333-73.
- Kota-Meters, Inc. *See*—
- Miner, Philip T. 2,733,598.
- Kothe, William C. *See*—
- Davies, John W., Kapin, and Kothe. 2,731,864.
- Kotrbaty, Guy F. *See*—
- McLaughlin, Robert W., and Kotrbaty. 2,730,210.
- Kotte, Willy. *See*—
- Sollas, Wolfgang, Hedtmann, and Kotte. 2,757,875.
- Kottler, August, and E. Seeger, to Dr. Karl Thoma, G. m. b. H. 4,4'-dioxy-diphenyl-quinolyl-methanes and 4,4'-dioxy-diphenyl-iso-quinolyl-methanes and method of making the same. 2,753,551, 7-3-56, Cl. 260-287.
- Kottler, August, and E. Seeger, to Dr. K. Thoma, G. m. b. H. Certain 4,4'-disubstituted-diphenyl pyridyl methanes and process. 2,764,590, 9-25-56, Cl. 260-295.
- Kottmann, Arthur A., to American Machine & Foundry Co. Wrapping machine. 2,773,849, 5-29-56, Cl. 111.
- Kottmann, Arthur A., to American Machine & Foundry Co. Wrapper feed mechanism for wrapping machines. 2,770,934, 11-20-56, Cl. 53-66.
- Kottmann, Arthur A., to American Machine & Foundry Co. Mechanism for controlling the tightness of the wrap in a wrapping machine. 2,775,085, 12-25-56, Cl. 53-210.
- Koubas, Delore L., to Hercules Powder Co. Gelatinous explosive compositions. 2,759,807, 8-21-56, Cl. 52-11.
- Koupal, Robert J., and A. A. Kalmine, to Inflico Inc. Filters. 2,773,045, 5-31-56, Cl. 210-144.
- Koury, Frederic, to Sylvania Electric Products Inc. Surface processing. 2,760,699, 4-3-56, Cl. 41-42.
- Koury, Frederic, and B. P. Hecht, to Sylvania Electric Products Inc. Manufacture of selenium elements. 2,766,210, 10-9-56, Cl. 252-62.3.
- Koury, Philip, and R. J. Wills, to Brubaker Mfg. Co., Inc. Slide structure. 2,749,201, 6-5-56, Cl. 312-323.
- Kovac, Ferdinand, to Werner Bahlsen. Baking device. 2,760,035, 1-10-56, Cl. 99-373.
- Kovach, Frank G. Rear vision device. 2,757,575, 8-7-56, Cl. 88-70.
- Kovach, Leslie. *See*—
- Brown, Barremore B., Kovach, and Seachrist. 2,768,326.
- Kovach, Leslie, and J. P. Rutledge, to Foster Grant Co., Inc. Machine for decorating and coloring plastic articles. 2,740,376, 4-3-56, Cl. 118-314.
- Kovach, Paul M. *See*—
- Cunningham, James M., Pratt, and Kovach. 2,747,717.
- Kovach, Peter, to E. I. du Pont de Nemours and Co. Process for manufacturing 1-(2-benzimidazolyl)-2-(2-benzoxazolyl) ethylene. 2,765,303, 10-2-56, Cl. 260-240.
- Kovack, Charles G., 40% to T. J. Malia. Fuse. 2,731,528, 1-17-56, Cl. 200-29.
- Kovacs, Julius P., to Purolator Products, Inc. Multiple stage filter. 2,743,017, 4-24-56, Cl. 210-183.
- Kovacs, Julius P., to Purolator Products, Inc. Multiple stage filter. 2,743,019, 4-24-56, Cl. 210-184.
- Kovach, Joseph J., and G. J. Janosko. Combined salt and pepper shaker. 2,753,082, 7-3-56, Cl. 222-129.
- Kovacs, Theodor. Fountain pen. 2,766,728, 10-16-56, Cl. 120-50.
- Kovacs, Theodor. Fountain pen. 2,766,729, 10-16-56, Cl. 120-50.
- Kovaleski, John W., to Crompton & Knowles Loom Works. Thread cutter mechanism for loom. 2,760,527, 8-28-56, Cl. 139-267.
- Kovalick, Walter W. *See*—
- Ingersoll, James H., White, Kovalick, Hegyi, Ruissard, and Levitt. 2,775,073.
- Kowal, Michael H., to Empire Box Corp. Measuring and dispensing carton. 2,750,082, 6-12-56, Cl. 222-455.



- Kowalek, Joseph,  $\frac{1}{2}$  to G. R. Kerr. Rotatable suspension hook for trouble lamp. 2,745,000, 5-8-56, Cl. 240-54.
- Kowalik, John J., to American Steel Foundries. Snubbed spring group. 2,749,113, 6-5-56, Cl. 267-9.
- Kowalski, Benjamin C. Buckle having removable compartments. 2,740,546, 4-3-56, Cl. 220-16.
- Kowalski, Benjamin C. See—
- Garrock, William, Kiner, and Kowalski. 2,755,839.
- Kowalski, Conrad S., to Pioneer Parachute Co., Inc. Parachute pack. 2,765,995, 10-9-56, Cl. 244-148.
- Kowalski, Benjamin C. See—
- Hulteen, Leonard A., and Kowalski. 2,732,466.
- Kowalski, Walter, and J. J. Sequist, to McGraw Electric Co. High pressure contacts. 2,760,034, 8-21-56, Cl. 200-166.
- Kowalsky, Konstanty, and E. H. Du Bois, to A. B. Dick Co. Clump printing cylinder. 2,766,889, 10-16-56, Cl. 100-415.1.
- Kowolik, Ernest J., and J. W. Fisher, to British Celanese Ltd. Solutions of acrylonitrile polymers in mixtures of ethylene carbonate and 1:2-propylene carbonate. 2,764,469, 9-25-56, Cl. 18-54.
- Kowolik, Ernest J., and J. W. Fisher, to British Celanese Ltd. Copolymers of acrylonitrile with dicarboxylic acid hydrazides. 2,764,570, 9-25-56, Cl. 260-29.6.
- Kozacka, Frederick J. See—
- Jacobs, Philip C., Jr., and Kozacka. 2,740,187.
- Kozacka, Frederick J., to The Chase-Shawmut Co. Low-voltage high-capacity current-limiting fuses. 2,734,111, 2-7-56, Cl. 200-120.
- Kozacka, Frederick J., to The Chase-Shawmut Co. Fuse and fuse holder combinations. 2,734,112, 2-7-56, Cl. 200-133.
- Kozacka, Frederick J., and K. W. Swain, to The Chase-Shawmut Co. Fuse structures with striker pins. 2,761,952, 9-4-56, Cl. 200-117.
- Kozar, John J. Mechanical fishing line caster. 2,765,568, 10-9-56, Cl. 43-19.
- Kozbelt, Lloyd S., to Edwin L. Wiegand Co. Infrared device. 2,748,247, 5-2-56, Cl. 219-34.
- Kraemer, Stanley E., to Monsanto Chemical Co. Plywood process. 2,772,197, 11-27-56, Cl. 154-133.
- Kozel, James A., to The Dole Valve Co. Check valve. 2,742,053, 4-17-56, Cl. 137-512.15.
- Kozelka, Robert F. Sectional desk. 2,757,996, 8-7-56, Cl. 200-185.
- Kozinski, Joseph, to H. G. Fischer and Co., Inc. Therapeutic apparatus for applying dry heat to body cavities. 2,734,508, 2-14-56, Cl. 128-401.
- Kozinski, Joseph, to H. G. Fischer & Co. Electrical system. 2,735,023, 2-14-56, Cl. 307-112.
- Kozlowski, Stanley J. See—
- Knoll, Paul H., and Kozlowski. 2,775,053.
- Kracauer, Paul, to The Oration Co. Solid fuel burning flare. 2,771,763, 11-27-56, Cl. 67-21.
- Krackauer, Aloysius C. See—
- Krackauer, Carl F., Jr., and Krackauer. 2,760,641.
- Krackauer, Aloysius C. Wash-off plate filter apparatus. 2,737,300, 3-6-56, Cl. 210-185.
- Kradel, Fred L., and A. Foti, to I-T-E-Circuit Breaker Co. Automatic line sectionalizing and service restoration device. 2,747,142, 5-22-56, Cl. 317-22.
- Kradosky, Joseph W. Apparatus for producing a design in pile fabric. 2,758,355, 8-14-56, Cl. 26-16.
- Kraeger, Robert C. Fly larvae destroyer. 2,738,614, 3-20-56, Cl. 43-181.
- Kraemer, Gustav-Dietrich, to Allgemeine Holzimprägnierung G. m. b. H. Method of preventing obstruction of the sapstream in beechwood. 2,739,421, 9-27-56, Cl. 47-57.5.
- Kraemer, William D. Method for forming pipe fittings. 2,736,949, 3-6-56, Cl. 29-157.
- Kraepelin, Edward O. Freezing tray. 2,759,338, 8-21-56, Cl. 62-108.5.
- Krausky, Michael. Window construction. 2,735,145, 2-21-56, Cl. 20-32.2.
- Kraft, Frederick G., to The Thompson Grinder Co. Method and apparatus for grinding. 2,729,919, 1-10-56, Cl. 51-92.
- Kraft Bag Corp. See—
- Harlor, James, and Bauknecht. 2,762,272.
- Kraft, Charles H. Garment hanger. 2,742,208, 4-17-56, Cl. 223-88.
- Kraft, El Roy J., to The Dole Valve Co. Thermostatically controlled air blender. 2,740,587, 4-3-56, Cl. 237-2.
- Kraft, El Roy J., to The Dole Valve Co. Valve particularly adapted for beverage dispensers. 2,751,234, 6-19-56, Cl. 299-150.
- Kraft, El Roy J., and L. S. Wasserman, to The Dole Valve Co. Flutterless damper for a heat register structure. 2,746,374, 5-22-56, Cl. 98-108.
- Kraft Foods Co. See—
- Kraft, Norman, and Ward. 2,743,186.
- Loew, Theodore. 2,738,150.
- Marshall, John M. 2,736,656.
- Nessler, Aldo E., and Hartman. 2,774,140.
- Thurman, Benjamin H. 2,759,883.
- Yanick, Nicholas S. 2,760,869.
- Kraft, Frederick G. See—
- Harvey, John W., Jr., and Kraft. 2,736,184.
- Kraft, Herman T., to The General Tire & Rubber Co. Tire spinning apparatus and method. 2,754,905, 7-17-56, Cl. 164-10.2.
- Kraft, Herman T., to The General Tire and Rubber Co. Method of manufacture of a pneumatic tire. 2,761,489, 9-4-56, Cl. 154-14.
- Kraft, Herman T., to The General Tire & Rubber Co. Diaphragm head spreader. 2,766,006, 10-9-56, Cl. 254-50.3.
- Kraft, Joseph K., to Westinghouse Electric Corp. Center-opening door assemblies. 2,751,637, 6-20-56, Cl. 20-19.
- Kraft, Norman, and F. J. Ward, to Kraft Foods Co. Manufacture of cheese. 2,743,186, 4-24-56, Cl. 99-110.
- Kraft Paper Products Ltd. See—
- Longtin, George L. R. 2,745,444.
- Kraft, Pauline B. Combined bath tub shelf and head rest. 2,744,263, 5-8-56, Cl. 4-185.
- Kraft, Richard A., to Motorola, Inc. Synchronized scanning generator. 2,743,364, 4-24-56, Cl. 250-36.
- Kraft, Robert H., to Goodman Mfg. Co. Mining machine having combined elevating conveyor and horizontal rotary cutter bar. 2,743,652, 5-15-56, Cl. 262-24.
- Kraus, Robert H., and K. C. Lundquist, to Goodman Mfg. Co. Rotary drum type mining head with wedging means. 2,743,652, 7-10-56, Cl. 262-9.
- Kraft, Wheaton T. See—
- Lambert, Pierre, Williamson, and Kraft. 2,760,850.
- Kraft, Wheaton T., to The Lumins Co. Method for distilling alcohol. 2,736,988, 2-28-56, Cl. 196-73.
- Kraftanlagem A. G. See—
- Günther, Hans. 2,773,969.
- Krah, Carl E., and E. Thermostatically controlled electric water heater. 2,736,791, 2-28-56, Cl. 219-41.
- Krah, Edward. See—
- Krah, Carl E., and E. 2,736,791.
- Krahler, Stanley E. See—
- Wirth, Walter V., and Krahler. 2,765,341.
- Krahulec, Fred, and H. A. Rahmel, to A. C. Nielsen Co. Television knob switch. 2,751,449, 6-19-56, Cl. 200-81.85.
- Krahulec, Fred, H. A. Rahmel, and R. L. Freeman, to A. C. Nielsen Co. Recording apparatus for recording the listening habits of wave signal receiver users. 2,755,162, 7-17-56, Cl. 346-37.
- Krakower, Aaron M. See—
- Sims, Marion W., and Krakower. 2,764,021.
- Kramer, Ernst, to International Standard Electric Corp. Radio beacon. 2,736,022, 2-21-56, Cl. 343-106.
- Kramcsak, Michael, Jr., to The Bassick Co. Caster glide. 2,735,131, 2-21-56, Cl. 16-42.
- Kramcsak, Michael, Jr., to The Bassick Co. Corner bracket assembly for casters. 2,738,540, 3-20-56, Cl. 16-29.
- Kramcsak, Michael, Jr., to The Bassick Co. Sealed wheel mountings. 2,743,971, 5-1-56, Cl. 308-187.1.
- Kramcsak, Michael, Jr., to The Bassick Co. Caster glide. 2,748,419, 6-5-56, Cl. 16-38.
- Kramcsak, Michael, Jr., to The Bassick Co. Caster. 2,750,619, 6-19-56, Cl. 16-21.
- Kramcsak, Michael, Jr., to The Bassick Co. Caster glide. 2,757,407, 8-7-56, Cl. 16-42.
- Kramer, Anton J. Parallel tow hitch. 2,768,838, 10-30-56, Cl. 280-47.2.
- Kramer, Carl. Suspended rubbing type animal insecticide applicator. 2,765,775, 10-9-56, Cl. 119-157.
- Kramer, David C. See—
- Wheeler, Walter G., and Kramer. 2,749,711.
- Kramer, Ernest H.,  $\frac{1}{2}$  to R. P. Lair. Oil well heater. 2,767,793, 10-23-56, Cl. 166-61.
- Kramer, Franklin. See—
- Garono, Louis E., Kramer, and Steigmann. 2,743,265.
- Kramer, Gideon A. Chair with resilient tilting seat and back. 2,745,468, 5-15-56, Cl. 155-53.
- Kramer, Hermann, to International Standard Electric Corp. Arrangement to avoid sparking in inductive direct-current circuits. 2,758,254, 8-7-56, Cl. 317-11.
- Kramer, Israel, to Mercer Engineering Co. Method of assembling heat transfer coils. 2,747,258, 5-29-56, Cl. 319-15.3.
- Kramer, John F. Shear grinding. 2,762,175, 9-11-56, Cl. 51-285.
- Kramer, Joseph, to The Gardner Board & Carton Co. Twin-compartmented article carriers. 2,755,960, 7-24-56, Cl. 220-113.
- Kramer, Joseph, to The Gardner Board & Carton Co. Partitioned bottle carrier. 2,772,020, 11-27-56, Cl. 220-113.
- Kramer, Lawrence H.,  $\frac{1}{2}$  to R. H. Donnelly & Sons Co. Method of and mechanism for separating a bundle length of signatures from a pack of signatures. 2,759,203, 8-21-56, Cl. 11-1.
- Kramer, Lewis L. Milk filter or the like. 2,772,785, 12-4-56, Cl. 210-158.
- Kramer, Nelson H. Battery. 2,761,006, 8-28-56, Cl. 136-161.
- Kramer, Richard. Rapid pipe coupling with means to prevent seal blowout. 2,754,135, 7-10-56, Cl. 285-101.
- Kramer, Richard, to General Time Corp. Illumination control for electric clock. 2,773,972, 12-11-56, Cl. 240-2.
- Kramer, Richard P. See—
- Smith, Hiram P., and Kramer. 2,771,326.
- Kramer, Theodore C. Chuck for coupling roll cores to a driven winding shaft. 2,729,402, 1-3-56, Cl. 242-72.
- Kramer-Trenton Co. See—
- Malkoff, Hyman. 2,745,254.
- Malkoff, Hyman, and Nussbaum. 2,761,287.
- Kramer, Vance M. Flexible adaptor boot for tubing for carrying gaseous exhaust of motor vehicles. 2,754,138, 7-10-56, Cl. 285-177.
- Krammes, Beverly B., to The Hoover Co. Electric flat iron and ironing board. 2,750,996, 6-19-56, Cl. 98-96.
- Krampe, Paul T., and J. J. Hanzlik, said Hanzlik assor, to said Krampe. Portable steam cleaners. Re. 2,741,07, 1-10-56, Cl. 219-38.

- Kranc, Casimir, to Victrylite Candle Co. Vaporizing apparatus. 2,775,006, 12-25-56, Cl. 21—117.
- Kranc, Stanley J.: *See* Maxwell, Carl R., and Kranc. 2,749,181.
- Krane, Frank J. Double-deck portable scaffold. 2,730,411, 1-10-56, Cl. 304—17.
- Kraner, Hobart M., to Bethlehem Steel Co. Process of forming magnesia refractory furnace bottoms. 2,753,612, 7-10-56, Cl. 25—153.5.
- Krantz, Frank M.: *See* Miller, Coleman J., and Krantz. 2,745,071.
- Krantz, Hannah: *See* Tuck, James A. 2,775,296.
- Krantz, Leon: *See* Tuck, James A. 2,775,296.
- Krantz, Louis: *See* Tuck, James A. 2,775,296.
- Krapcho, John, to Olin Mathieson Chemical Corp. Substituted piperidinecarboxylates and methods of preparing same. 2,759,942, 8-21-56, Cl. 260—294.3.
- Krapcho, John, and W. A. Lott, to Olin Mathieson Chemical Corp. Basic derivatives of substituted cyclopropanecarboxylic acids and methods of preparing same. 2,733,241, 1-31-56, Cl. 260—247.1.
- Krapcho, John, E. J. Pribyl, and J. Bernstein, to Olin Mathieson Chemical Corp. Salts of basic N-methyl benzilamides. 2,733,250, 1-31-56, Cl. 260—459.
- Krapcho, John, and W. A. Lott, to Olin Mathieson Chemical Corp. N,N-diphenyl-N-aminoalkylene-urea derivatives. 2,744,930, 5-8-56, Cl. 260—553.
- Krapcho, John, and W. A. Lott, to Olin Mathieson Chemical Corp. Basic esters and amides of 5,6-dihydro-4H-pyran-3-carboxylic acid and methods of producing same. 2,746,975, 5-22-56, Cl. 260—345.8.
- Krapcho, John, and W. A. Lott, to Olin Mathieson Chemical Corp. Basic derivatives of substituted cycloalkane-carboxylic acids and methods of preparing same. 2,757,177, 7-31-56, Cl. 260—332.2.
- Krapels, Johannes G., to Stamicarbon N. V. Plow type mining machine with pivotable cutting members. 2,764,395, 9-25-56, Cl. 262—8.
- Krapp, Donald: *See* Monroe, Paul S., Krapp, and Orr. 2,762,611.
- Krapp, John T. Self-venting separable coupling. 2,757,944, 8-7-56, Cl. 285—153.
- Krapp, John T. Valved coupling. 2,770,256, 11-13-56, Cl. 137—614.
- Krapp, John T. Valved separable coupling. 2,770,474, 11-13-56, Cl. 284—18.
- Kraschnecker, Melvin W.: *See* Dori, Russell L., and Kraschnecker. 2,739,436.
- Krasner, Ernest, and W. M. Graupe. Refrigerated display cases. 2,737,029, 3-6-56, Cl. 62—89.5.
- Krasney, Norman, to Northrop Aircraft, Inc. Reversible stepper motor. 2,763,793, 9-18-56, Cl. 310—20.
- Krasno, Louis B. Thermal applicator for head. 2,769,308, 11-6-56, Cl. 62—1.
- Krasnow, Shelley, to Schlumberger Well Surveying Corp. Radioactivity responsive systems for use in boreholes. 2,769,920, 11-6-56, Cl. 250—83.6.
- Krasnow, Shelley, to Schlumberger Well Surveying Corp. Radioactive method for marking borehole formations. 2,770,736, 11-13-56, Cl. 250—83.6.
- Krassowski, Peter. Baseboard heater. 2,775,431, 12-25-56, Cl. 257—133.
- Kratovich, Tony J.: *See* De Groot, Richard, and Kratovich. 2,748,632.
- Kratovil, Edward J.: *See* Cushing, Ira B., and Kratovil. 2,755,275.
- Kratville, Robert E., to T. W. Hallberg. Indicator lamp dimming circuit. 2,769,970, 10-2-56, Cl. 340—213.
- Kratz, Courtney H., to Kratz-Wilde Machine Co. Inc. Field stove. 2,756,738, 7-31-56, Cl. 126—9.
- Kratz, Eugen, and R. Strauss, to G. M. Pfaff A. G. Sewing machine attachment. 2,755,793, 7-31-56, Cl. 112—147.
- Kratz, George F. Water motor. 2,758,814, 8-14-56, Cl. 253—21.
- Kratz, Harvey E.: *See* Hoffmann, Melville C., and Kratz. 2,750,045.
- Kratz, Jerrold K., and W. H. Barkow, to Radio Corp. of America. Beam controlling apparatus. 2,729,759, 1-3-56, Cl. 313—70.
- Kratz-Wilde Machine Co. Inc.: *See* Kratz, Courtney H. 2,756,738.
- Kratz, Woodrow H.: *See* Heard, Charles B. 2,749,935.
- Kratzer, Herbert J. Internal combustion engine. 2,731,959, 1-24-56, Cl. 123—142.5.
- Kratzer, Myron B., and K. L. Huisak, to Stanolind Oil and Gas Co. Process for converting olefins to oxygenated organic compounds. 2,762,829, 9-11-56, Cl. 260—450.
- Kraus, Edwin C., and M. W. Douthitt. Machine for handling multi-layer paper bag packages. 2,765,931, 10-9-56, Cl. 214—8.5.
- Kraus, James J. Method of making flanged tube. 2,728,976, 1-3-56, Cl. 29—157.
- Kraus, John D., to The Battelle Development Corp. Spherical cage antenna. 2,732,551, 1-24-56, Cl. 343—843.
- Kraus, Kermit and M. Adjustable interconnected multiple clamping device. 2,756,789, 7-31-56, Cl. 144—304.
- Kraus, Ludwig, and J. Gnams, to Daimler-Benz Aktiengesellschaft. Wheel suspension for motor vehicles. 2,775,467, 12-25-56, Cl. 280—124.
- Kraus, Martin: *See* Kraus, Kermit and M. 2,756,789.
- Kraus, Max H.: *See* Sheppard, Charles B., Goldich, and Kraus. 2,736,823.
- Kraus, William J.: *See* Bavelly, Abraham, Hamilton, and Kraus. 2,738,352.
- Krause, August L., and G. N. Levesque, to Brown & Sharpe Mfg. Co. Grinding machines. 2,767,521, 10-23-56, Cl. 51—95.
- Krause, Carl H., and J. J. Fillingim, to Sloan Valve Co. Vacuum breakers. 2,746,477, 5-22-56, Cl. 137—218.
- Krause, Frank R., to The McKay Machine Co. Apparatus for tapering the ends of spring leaves and the like. 2,775,152, 12-25-56, Cl. 80—40.
- Krause, Gerhard P. High pressure pump or compressor. 2,730,960, 1-17-56, Cl. 103—216.
- Krause, Gerhard P., to Hydrospress, Inc. Hydraulic press. 2,732,738, 1-31-56, Cl. 78—9.
- Krause, Gerhard P., to Baldwin-Lima-Hamilton Corp. Forming machine. 2,766,878, 10-16-56, Cl. 207—2.
- Krause, Herbert, to Chicago Forging and Mfg. Co. Hood latch. 2,763,505, 9-18-56, Cl. 292—304.
- Krause, Herbert, and C. A. Sigel, to Chicago Forging & Mfg. Co. Hood latch. 2,729,487, 1-3-56, Cl. 292—99.
- Krause, Herbert A., to General Motors Corp. Electrical switch mechanism. 2,766,356, 10-9-56, Cl. 200—166.
- Kraus, Jack H.: *See* Brown, Russell H., Krause, and Tom. 2,768,930.
- Kraus, Norman R.: *See* Heth, Sherman C., Krause, and Witsey. 2,771,731.
- Krause, Norman R., S. C. Heth and J. S. Naery, to J. I. Case Co. Sickle bar construction. 2,761,269, 9-4-56, Cl. 56—298.
- Krause, Otto W. Photographic implement for development of objects carrying sensitive layers. 2,753,779, 7-10-56, Cl. 95—100.
- Krause, Richard S.: *See* Seibert, Ernest H., and Krause. 2,736,181.
- Krause, Richard S., and L. H. Tickner, to Corp. Corp. Billfold or wallet. 2,758,624, 8-14-56, Cl. 150—38.
- Krause, Walter W., and F. C. Schwaneke, to Dormeyer Corp. Combination of cooking utensil and spout. 2,774,524, 12-18-56, Cl. 292—567.
- Kraushaar, Maynard E. Thread gauge. 2,731,730, 1-24-56, Cl. 33—199.
- Krauss, Ferdinand A., Jr.: *See* Bowman, Spencer, and Krauss. 2,759,374.
- Krauss, Friedrich and H. Hair curler device. 2,768,634, 10-30-56, Cl. 132—40.
- Krauss, Heinrich: *See* Krauss, Friedrich and H. 2,768,634.
- Krauss, Leonard, to Regents of The University of California. Volume measuring device. 2,736,095, 2-28-56, Cl. 33—1.
- Krauss-Maffel Aktiengesellschaft: *See* Emele, Günther W., 2,752,325.
- Emele, Günther W., and H. Hirsch. 2,738,861.
- Laubender, Ludwig. 2,735,736.
- Laubender, Ludwig. 2,747,953.
- Krauss, Serge L., and C. J. Tennes, to C. G. Conn Ltd. Electrical musical instruments. 2,755,695, 7-24-56, Cl. 84—1.2.
- Krauss, Serge L., and C. J. Tennes, to C. G. Conn Ltd. Electrical tone source for musical instruments. 2,756,330, 7-24-56, Cl. 250—36.
- Krausz, Robert, and D. L. Margerum, to North American Aviation, Inc. Airborne beacon antenna. 2,735,093, 2-14-56, Cl. 343—725.
- Kraut, Max. Fluid motor. 2,766,735, 10-16-56, Cl. 121—164.
- Krauthamer, Sigrid. Apparatus for injection of fluid under controlled pressure conditions. 2,742,901, 4-24-56, Cl. 128—214.
- Krauthaim, William C., to General Steel Castings Corp. Railway truck spring support structure. 2,751,855, 6-26-56, Cl. 105—196.
- Krautkrämer, Hans. Jet driven aerial toy. 2,732,657, 1-31-56, Cl. 46—76.
- Krautter, Willy: *See* Kamm, Wunibald I. E., Krautter, and Staiger. 2,746,529.
- Kravits, Elsie: *See* Kruger, George. 2,762,097.
- Kravitz, Bernard H., to Cooper Carton Corp. Cartons. 2,749,017, 6-5-56, Cl. 229—39.
- Krawczak, Joseph. Dough molding machine. 2,759,435, 8-21-56, Cl. 107—9.
- Krawinkel, Guenther H. Electron tube with deflection control. 2,731,560, 1-17-56, Cl. 250—27.
- Kraybill, Henry R., to A. W. Brickman, V. Conquest, F. J. Madden, W. B. Oleason, and E. T. Filibre, as trustees for the benefit of American Meat Institute Foundation. Anti-oxidant composition. 2,746,870, 5-22-56, Cl. 99—163.
- Krazinski, Leo C.: *See* Fashay, Alexander. 2,732,095.
- Krebs, Charles H., and J. D. Franks, to Atlas Boxmakers, Inc. Packaging apparatus. 2,736,477, 2-28-56, Cl. 223—14.
- Krebs, Ernst W. Excitation control for synchronous dynamo electric machines. 2,742,602, 4-17-56, Cl. 322—24.
- Krebs, Ernst W. Synchronous dynamo electric machines. 2,742,603, 4-17-56, Cl. 322—25.
- Krebs, John R.: *See* Bulkey, William L., Krebs, and Wright. 2,763,894.
- Krebs, Kellogg, to Equipment Engineers, Inc. Hydraulic classifier. 2,731,147, 1-17-56, Cl. 209—211.



- Krebs, Robert W.: *See*—  
 Adams, Clark E., Krebs, and Kimberlin. 2,731,394.  
 Kimberlin, Charles N., Jr., and Krebs. 2,775,546.  
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 Martin, Homer Z., Burnside, Barr, and Krebs. 2,763,601.  
 Mattox, William J., Richardson, and Krebs. 2,736,690.  
 Krebs, Robert W., and C. N. Kimberlin, Jr., to Esso Research and Engineering Co. Conversion of hydrocarbon oils with the use of fluidized solid particles. 2,732,350, 1-24-56, Cl. 196-32.  
 Krebs, Robert W., and C. N. Kimberlin, Jr., to Esso Research and Engineering Co. Fluidized solids distillation process. 2,758,973, 8-7-56, Cl. 202-72.  
 Krebs, Robert W., and W. E. Catterall, to Esso Research and Engineering Co. Oxo process. 2,768,974, 10-30-56, Cl. 260-604.  
 Kreck, Joseph A.: *See*—  
 Bacon, Walter M., Kandel, Kreck, and Locke. 2,756,818.  
 Kree, John G., Jr., to Bell Telephone Laboratories, Inc. Magnetically loaded electrical conductors. 2,740,834, 4-3-56, Cl. 178-45.  
 Kree, John G., Jr., to Bell Telephone Laboratories, Inc. Spirally wound composite electrical conductor. 2,769,149, 10-30-56, Cl. 333-96.  
 Krehr, Robert D., to Electrode for gaseous discharge lamps. 2,731,581, 1-17-56, Cl. 313-343.  
 Krefft, Hermann E., G. M. Harris, and A. E. Koerbis, to Hanovia Chemical & Mfg. Co. Electrical discharge lamp. 2,763,803, 9-18-56, Cl. 313-49.  
 Kregall, Cassius J. Hydrofoil aquatic device. 2,748,400, Cl. 29-18.  
 Kregler, Lawrence F. Paint roller. 2,749,599, 6-12-56, Cl. 29-116.  
 Kregler, Ralph E., to Detroit Stamping Co. Can opener. 2,735,172, 2-21-56, Cl. 30-10.  
 Krehbiel, Robert D., to Deere & Co. Bearing construction for disk furrow openers. 2,768,864, 10-30-56, Cl. 308-181.  
 Kreidel, Hans, and H. Kreidel, Jr. Cam actuated gland type pipe coupling. 2,738,994, 3-20-56, Cl. 285-122.  
 Kreidel, Hans H. Pipe coupling and gasket ring therefor. 2,761,705, 9-4-56, Cl. 285-332.  
 Kreidel, Hans, Jr., and H. Kreidel, Jr. 2,738,994.  
 Kreidl, Norbert J., and E. K. Davis, to Bausch & Lomb Optical Co. Optical glass. 2,748,006, 5-29-56, Cl. 106-54.  
 Kreidl, Werner H., to Traver Investments, Inc. Apparatus for treating polyethylene bodies. 2,746,084, 5-22-56, Cl. 18-1.  
 Kreidler, Alfred: *See*—  
 Hilber, Hanns. 2,768,836.  
 Hilber, Hanns. 2,770,479.  
 Kreidler, Alfred. Process for the production of sleeve-shaped, special thin-walled hollow bodies with one or more strand-like extensions. 2,738,064, 3-13-56, Cl. 207-10.  
 Kreidler, Alfred. Mounting of motor cycle driving unit. 2,743,783, 5-1-56, Cl. 180-33.  
 Kreidler, Alfred. Device for extracting articles from a container. 2,756,903, 7-31-56, Cl. 221-215.  
 Kreidler, Alfred. Press and apparatus for the pressing of extended bodies with profiled heads. 2,763,370, 9-18-56, Cl. 207-9.  
 Kreidler, Alfred. Light motorcycle convertible to engine-assisted pedal cycle and vice versa. 2,770,311, 11-13-56, Cl. 180-33.  
 Kreiger, Alfred W., to Cutler-Hammer, Inc. Electric switches. 2,734,114, 2-7-56, Cl. 200-154.  
 Kreighbaum, Claud J. Apparatus for applying camel back to a tire casing. 2,761,488, 9-4-56, Cl. 154-9.  
 Kreinberg, Russell, to Electric Service Mfg. Co. Vehicle destination sign mechanisms. 2,745,199, 5-15-56, Cl. 40-56.  
 Kreiner, Joseph M., to National Malleable and Steel Castings Co. Railway vehicle axle mounting. 2,758,551, 8-14-56, Cl. 105-221.  
 Kreinik, Jerry, to the United States of America as represented by the Secretary of the Navy. Plastic rain cap cover, mold. 2,754,172, 2-14-56, Cl. 2-187.  
 Kreis, Fritz. Automatically operating change speed gear. 2,731,846, 1-24-56, Cl. 74-336.  
 Kreis, Fritz. Change speed gear for motor vehicles. 2,733,613, 2-7-56, Cl. 74-336.  
 Kreis, Fritz. Automatically operating change speed gear. 2,733,614, 2-7-56, Cl. 74-336.  
 Kreis, Fritz. Centrifugal clutch. 2,755,902, 7-24-56, Cl. 192-105.  
 Kreister, Jacques, Mfg. Corp.: *See*—  
 Speck, Kurt, Hauser, and Hajos. 2,747,779.  
 Kreissig, Ernst: *See*—  
 Peter, Oskar E., and Kreissig. 2,747,428.  
 Peter, Oskar E., and Kreissig. 2,735,093.  
 Kreissig, Ernst, to Wagonfabrik Uerdingen Aktiengesellschaft. Linked running assemblies. 2,755,746, 7-24-56, Cl. 105-176.  
 Kreissig, Ernst, and O. E. Peter. Pipe end connection and sealing system with centering means. 2,772,100, 11-27-56, Cl. 285-93.  
 Kreitchman, Morton A., B. P. Welt, and M. Maslow. Sole-noid operated valve structure. 2,750,962, 6-19-56, Cl. 137-625.48.  
 Krejci, Joseph C., to Phillips Petroleum Co. Conversion of hydrocarbons. 2,750,434, 6-12-56, Cl. 260-679.
- Krekeler, Claude B.: *See*—  
 Brustle, Armin O., and Krekeler. 2,730,347.  
 Krekeler, Claude B., to The Cincinnati Mine Machinery Co. Pindle securing means for cutter chains. 2,741,139, 4-10-56, Cl. 74-254.  
 Krekeler, Claude B., to The Cincinnati Mine Machinery Co. Cutter bits in cutter chain sockets. 2,747,852, 5-29-56, Cl. 262-33.  
 Krekeler, Claude B., and A. O. Brustle, to The Cincinnati Mine Machinery Co. Socket-mounted cutter bit and set screw arrangement. 2,743,917, 5-1-56, Cl. 262-33.  
 Kreker, Paul E.: *See*—  
 Burweiger, Lorenz, and Kreker. 2,774,606.  
 Krellner, Walter G.: *See*—  
 Shober, Erle H., and Krellner. 2,739,255.  
 Krelwitz, John B. Window well cover. 2,761,180, 9-4-56, Cl. 20-1.  
 Kremer, Carolyn M.: *See*—  
 Kremer, George A. 2,766,607.  
 Kremer, George A., 50% to C. M. Kremer. Vehicle lock assembly. 2,766,607, 10-16-56, Cl. 70-239.  
 Kremer, Martin W. Rotary pump. 2,729,165, 1-3-56, Cl. 103-5.  
 Kremer, Vincent W., and C. H. Lemke, to E. I. du Pont de Nemours & Co. Crystallization of sodium cyanide. 2,773,752, 12-2-56, Cl. 23-302.  
 Kreml, John F., to Armco Steel Corp. Electrolytic cleaning method. 2,765,271, 10-2-56, Cl. 204-145.  
 Krems, Irving J., to Colgate-Palmolive Co. Preparation of fatty acid derivatives of amino acids. 2,729,657, 1-3-56, Cl. 260-404.  
 Kremser, Johann. Heat exchanger for varying the lubricating oil temperature in internal-combustion engines. 2,730,083, 1-10-56, Cl. 123-41.33.  
 Kremser, Johann. Internal-combustion engine. 2,746,435, 5-22-56, Cl. 123-55.  
 Kremser, Johann. Two-stroke cycle internal-combustion engine. 2,746,441, 5-22-56, Cl. 123-139.  
 Kremser, Johann. Fluid-cooled two-stroke cycle internal combustion engine with cylinders mounted individually on the engine block. 2,748,756, 6-5-56, Cl. 123-41.78.  
 Kremser, Johann. Two-stroke cycle internal combustion engine with scavenging blower and port control. 2,759,465, 8-21-56, Cl. 123-65.  
 Kremser, Johann. Internal combustion engine. 2,759,470, 8-21-56, Cl. 123-195.  
 Kremser, Johann. Fluid-cooled two-stroke cycle internal combustion engine with individually mounted cylinders. 2,760,489, 8-28-56, Cl. 123-41.84.  
 Kregel, Charles H. Tire and wheel mount for trucks. 2,772,826, 12-4-56, Cl. 224-42.24.  
 Krenke, Vincent G., and D. Ellis, to Westinghouse Electric Corp. Electromagnetic contactor. 2,763,821, 9-18-56, Cl. 31-7.  
 Kreske, Gerald H.: *See*—  
 Williams, Michael, and Kreske. 2,748,252.  
 Kreske, Walter J. Rotary pilot valve means. 2,739,614, 3-27-56, Cl. 137-624.  
 Kresky Mfg. Co., Inc.: *See*—  
 Kresky, William C., Jr., and Williams. 2,755,849.  
 Kress, Bernard H., to Allied Chemical & Dye Corp. Silicone-alkyd coating composition. 2,735,825, 2-21-56, Cl. 260-22.  
 Kress, F. J., Box Co.: *See*—  
 Steck, Clyde O. 2,745,592.  
 Kress, Clyde O. Apparatus for maintaining a predetermined pressure in the tire of a vehicle. 2,747,640, 5-29-56, Cl. 152-417.  
 Kretschmer, Willi, to the Minister of Supply in Her Majesty's Government of the United Kingdom of Great Britain and Northern Ireland. Propellant supply systems for jet reaction motors. 2,763,987, 9-25-56, Cl. 60-39.55.  
 Kretzer, Sidney D. Supplemental grounding device for electrical conducting cables. 2,739,998, 3-27-56, Cl. 174-6.  
 Kretzers, Leonardus M., A. Niks, and P. H. de Bruin, to Stamicarbon N. V. Process for the purification of lactams. 2,755,991, 8-14-56, Cl. 260-239.3.  
 Kretzschmar, Alfred. Retaining dam provided with a water-proof lining. 2,750,748, 6-19-56, Cl. 61-30.  
 Kreuchunas, Algrid: *See*—  
 Gregory, Walter A., and Kreuchunas. 2,746,973.  
 Gregory, Walter A., and Kreuchunas. 2,761,873.  
 Kreusch, Robert. Bracket for auto car tray. 2,755,055, 7-17-56, Cl. 248-291.  
 Kreutner, John D. E. Measuring and calculating device. 2,747,795, 5-29-56, Cl. 235-61.  
 Kreutner, Joseph W. Air conditioning. 2,755,072, 7-17-56, Cl. 257-8.  
 Kreutner, Joseph W., to Buensod-Stacey, Inc. Air conditioning apparatus. 2,757,868, 8-7-56, Cl. 236-13.  
 Kreutzberger, Alfred: *See*—  
 Grundmann, Christoph J., and Kreutzberger. 2,763,661.  
 Kreutzer, Blanche L. Folding lunch box. 2,760,669, 8-28-56, Cl. 220-6.  
 Kreutzer, Conradin O., to Fish Products Co. Electro-fishing circuit means with safety circuit. 2,764,832, 10-2-56, Cl. 43-17.1.  
 Kreuz, Kenneth L., to The Texas Co. Process for alkylating thiophenols in the para position with a tertiary alcohol or mercaptan. 2,753,378, 7-3-56, Cl. 260-609.  
 Kreyss, Frank J., to Chemopuro Mfg. Corp. 2-phenylquinoline-3-aryl carbamates. 2,749,347, 6-5-56, Cl. 260-287.

- Krichman, Harold: *See*—  
Bersohn, Edward, and Krichman, 2,736,751.
- Krichton, Carl V., to McGraw Electric Co. Waffle baker. 2,734,983, 2-14-56, Cl. 219-19.
- Krichton, Carl V., to McGraw Electric Co. Deep fat fryer. 2,769,878, 11-6-56, Cl. 200-137.
- Kridel, Donald J., E. S. Wittala, and J. G. Stampff, to Eastman Kodak Co. Preparation of fixing powders. 2,759,823, 8-21-56, Cl. 95-83.
- Krieble, Elvin, to Celas Corp. of America. Gas cleaner. 2,735,908, 2-21-56, Cl. 183-4-3.
- Kriek, James H. Device for ventilating engine crankcase. 2,742,057, 4-17-56, Cl. 138-45.
- Krieg, Edward. Hollow concrete core form. 2,750,647, 8-19-56, Cl. 23-11.
- Kriegbaum, George M., to International Harvester Co. Implement claim. 2,743,657, 5-1-56, Cl. 97-198-1.
- Kriegbaum, George M., to International Harvester Co. Fertilizer distributor. 2,762,535, 9-11-56, Cl. 222-485.
- Kriegbaum, Otto: *See*—  
Moll, Bernhard, and Kriegbaum, 2,768,699.
- Krieger, Alvin W., to Cutler-Hammer, Inc. Electrical snap switches. 2,744,302, 5-8-56, Cl. 200-67.
- Krieger, Charles C.,  $\frac{1}{2}$  to M. M. Krieger. Separate lever operated means for opening and closing the chasers on a die head. 2,762,065, 9-11-56, Cl. 10-97.
- Krieger, Larry L., to International Latex Corp. Brassiere. 2,746,053, 3-22-56, Cl. 2-42.
- Krieger, Marie M.: *See*—  
Krieger, Charles C. 2,762,065.
- Krieger, Robert J., to Titanum Metals Corp. of America. Position indicator for consumable electrode. 2,737,644, 3-6-56, Cl. 340-282.
- Kriegh, Charles B. Pipe and tubing cutter. 2,744,576, 5-8-56, Cl. 164-60.
- Kriegsmann, Kurt: *See*—  
Beard, Donald M., Bruce, and Kriegsmann, 2,746,369.
- Krienen, Frank: *See*—  
Hellings, Simon J., and Krienen, 2,730,621.
- Krienen, Frank, to Hartford National Bank and Trust Co., as trustee. Pulse repeater for radio location systems. 2,763,782, 9-18-56, Cl. 250-36.
- Kriessel, Fred W. Hatch and axle structure. 2,759,742, 8-21-56, Cl. 280-141.
- Kriesman, Sanford S., and W. E. Rosen, 12% to B. Granoff. Hair setting device. 2,749,920, 6-12-56, Cl. 132-31.
- Kriewall, William E.: *See*—  
Leston, Theodore I., and Kriewall, 2,738,053.
- Kriewall, Theodore I., and Kriewall, 2,772,346.
- Kriger, Josephine, and I. K. Null. Adjustable back in a dual purpose chair structure. 2,767,777, 10-23-56, Cl. 155-158.
- Kriger, Josephine, and I. K. Null. Adjustable dual-purpose chair. 2,767,778, 10-23-56, Cl. 155-158.
- Krijgsman, Centinus F., J. Fontein, and J. N. J. Leeman, to Stamicarbon N. V. Coal washing process. 2,754,963, 7-17-56, Cl. 209-12.
- Krikanian, Albert R. Rocking chair convertible to non-rocking. 2,746,519, 9-22-56, Cl. 155-72.
- Krilanovich, Steve. Camera hoist. 2,766,007, 10-9-56, Cl. 254-124.
- Krimm, Heinrich, to Farbenfabriken Bayer Aktiengesellschaft. Process for the manufacture of 2-cyanoethylated N-substituted imines. 2,768,962, 10-30-56, Cl. 260-464.
- Krimmel, Carl P., to G. D. Searle & Co. Dialkylaminoalkyl derivatives of diarylisonicotinamides. 2,731,469, 1-17-56, Cl. 260-295.
- Krimmel, Carl P., to G. D. Searle & Co. Dialkylaminoalkyl esters of diarylisonicotinic acids. 2,739,152, 3-20-56, Cl. 260-295.
- Krimmel, Carl P., to G. D. Searle & Co. Basically substituted derivatives of diarylaminobenzenamides. 2,750,387, 6-12-56, Cl. 260-294.
- Krinsky, Benjamin. Rocket toy. 2,733,699, 2-7-56, Cl. 124-13.
- Krisch, Kube. Magnetric circuit-controlling devices. 2,748,198, 6-29-56, Cl. 179-100-2.
- Krisch, Kube. Magnetric servo and converter system and apparatus. 2,748,331, 5-29-56, Cl. 318-28.
- Kriss, Sylvester E., and A. W. Worthington, to Westinghouse Electric Corp. Insulated electrical coils. 2,763,798, 9-18-56, Cl. 310-208.
- Krist Engineering & Mfg. Corp.: *See*—  
Kristmann, Stefan, and Mueller, 2,739,345.
- Kristiansen, Thomas P. Electromagnetic vibrator. 2,769,103, 10-30-56, Cl. 310-30.
- Kristmann, Stefan, and M. Mueller, to Krist Engineering & Mfg. Corp. Apparatus for opening and cleaning poultry gizzards. 2,739,345, 3-27-56, Cl. 17-11.
- Kristoff, Andrew A., and H. E. Hammerli. Adjustable service tray for use in motor vehicles. 2,768,043, 10-23-56, Cl. 311-21.
- Kritchever, Mathew E.: *See*—  
Bowers, Harold E. 2,759,222.
- Kritscher, Andrew F., to United States Steel Corp. Method of hot-working steel billets by forging or extrusion. 2,731,145, 1-17-56, Cl. 207-10.
- Kritscher, Andrew F., to United States Steel Corp. Method of making propeller-blade blanks. 2,739,372, 3-27-56, Cl. 29-156-8.
- Kritscher, Andrew F., to United States Steel Corp. Plug rolling mill. 2,771,800, 11-27-56, Cl. 80-11.
- Kritser, Shelby M. Combined stake rail clamp and stake anchor. 2,751,248, 6-19-56, Cl. 296-43.
- Kritzer Radiant Coils, Inc.: *See*—  
Newton, Courtland G., and Rousey, 2,731,903.
- Kritzer, Richard W. Roof suspended air conditioner. 2,737,787, 3-13-56, Cl. 62-129.
- Kritzer, Richard W. Feed control means for refrigerating apparatus. 2,740,263, 4-3-56, Cl. 62-3.
- Kritzer, Richard W. Air conditioning apparatus. 2,756,569, 7-31-56, Cl. 62-129.
- Kriz, Adolph J., to Pangborn Corp. Work blasting apparatus. 2,771,150, 1-20-56, Cl. 21-21.
- Kriznic, Bojan, to E. K. Mettler. Analytical balance. 2,750,183, 6-12-56, Cl. 265-49.
- Krissan, Mary: *See*—  
Marshall, Harry B., and Curran, 2,772,139.
- Krodel, Leander J., to General Motors Corp. Snap ring tool. 2,741,829, 4-17-56, Cl. 29-229.
- Krodel, William J.: *See*—  
Lansing Paul J., and Krodel, 2,756,626.
- Krodel, William J., and N. Hackerman, said Hackerman to said Krodel. Process for de-inking printed waste paper. 2,743,178, 4-24-56, Cl. 92-1-5.
- Kroehrer Mfg. Co.: *See*—  
Gerber, George L. 2,742,958.
- Kroeker, Sanford P.: *See*—  
Lovely, Isaac W., and Kroeker, 2,756,887.
- Kroenig, Walter W., Hirsch, M. J. van der Zijden, and W. F. Jenae, to Shell Development Co. Soluble oils. 2,732,345, Cl. 262-33-4.
- Kroepfer, Hugo, and G. Hummel, to Badische Anilin- & Soda-Fabrik, Aktiengesellschaft. Process for the simultaneous production of phenols and oximes. 2,748,165, 5-29-56, Cl. 260-566.
- Kroft, Friedrich C., Jr.: *See*—  
Binder, William O., Kroft, and Fritzen, 2,746,860.
- Kroft, Herbert M.: *See*—  
Vore, Milton P., and Kroft, 2,770,741.
- Kroegel, Christopher J., to Western Electric Co., Inc. Fluid seals for pumps for 2,766,909, 10-30-56, Cl. 92-26.
- Kroger, Ferdinand A., and J. van den Boomgaard, to Hartford National Bank and Trust Co., as trustee. Luminescent material. 2,750,344, 6-12-56, Cl. 252-301-4.
- Kroger, Marlin G.: *See*—  
Keizer, Eugene O., and Kroger, 2,731,565.
- Keizer, Eugene O., and Kroger, 2,735,002.
- Keizer, Eugene O., and Kroger, 2,735,004.
- Keizer, Eugene O., and Kroger, 2,735,934.
- Kroger, Marlin G., to Radio Corp. of America. Ferroelectric frequency control. 2,752,495, 5-26-56, Cl. 250-36.
- Kroger, Marlin G., to Motorola, Inc. Automatic frequency control. 2,766,380, 10-9-56, Cl. 250-36.
- Krogsaard, Olav M. Guard for grinding or polishing wheels. Cl. 260-5-15-56, Cl. 270-27.
- Krohne, Fred A., to Productive Inventions, Inc. Connector for windshield wiper blade assembly. 2,728,934, 1-3-56, Cl. 15-250.
- Krohne, Fred A., to Productive Inventions, Inc. Fluid motor control. 2,730,078, 1-10-56, Cl. 121-97.
- Krohne, Fred A., to Productive Inventions, Inc. Windshield wiper blade assembly. 2,757,403, 8-7-56, Cl. 15-245.
- Krohne, Fred A., to Productive Inventions, Inc. Windshield wiper blade connector. 2,761,168, 9-4-56, Cl. 15-250.
- Krohne, Fred A., to Productive Inventions, Inc. Connector for windshield wiper blade. 2,761,169, 9-4-56, Cl. 15-250.
- Krohne, Fred A., to Productive Inventions, Inc. Fluid motor control. 2,761,429, 9-4-56, Cl. 121-97.
- Krohn, Henry R. Mailing article. 2,773,638, 12-11-56, Cl. 229-92.
- Krohn, Ivar T.: *See*—  
Hawkes, Arthur S., and Krohn, 2,759,896.
- Krohn, Roy, to the United States of America as represented by the United States Atomic Energy Commission. Charge boat for volatilization. 2,747,972, 5-29-56, Cl. 23-264.
- Krohn, Roy, and R. J. Schmidt, to the United States of America as represented by the United States Atomic Energy Commission. Sublimation apparatus. 2,743,168, 4-24-56, Cl. 23-264.
- Kroko, Leonard J., to Jack & Heintz, Inc. Elapsed time indicator. Re. 24,190, 7-31-56, Cl. 324-68.
- Kroll, Adam E., to E. I. du Pont de Nemours and Co. Dispersible polymerization process for tetrafluoroethylene. 2,750,350, 6-12-56, Cl. 260-29-6.
- Kroll, Adam E., and D. A. Nelson, to E. I. du Pont de Nemours and Co. Polymerization of tetrafluoroethylene with tertiary butyl peroxide or peracetate. 2,753,329, 7-3-56, Cl. 260-92-1.
- Krom, Mon E., and F. C. Kuchas, to Bell Telephone Laboratories, Inc. Channel selecting circuit. 2,732,435, 1-24-56, Cl. 179-22.
- Kromer, Wallace R., to The Superflow Mfg. Co. Method and means for treating and dispensing beverage. 2,742,048, 4-17-56, Cl. 137-12-5.
- Kromholz, Edward J. Vehicle speed signal device. 2,758,172, 8-7-56, Cl. 200-80.
- Krommunga, Henry G.: *See*—  
Gardner, Richard H., Krommunga, and Rewerts, 2,764,321.
- Kromschroder, G. Aktiengesellschaft: *See*—  
Rings, Franz, 2,770,132.
- Schwarz, Karl H. 2,732,853.
- Kron, Harold O., to Philadelphia Gear Works, Inc. Valve controls. 2,745,294, 5-15-56, Cl. 74-625.



- Kronauer, Kurt H.: *See*—  
Köckritz, Hans M., Steyer, Kronauer, and Baumann. 2,741,422.
- Kroncke, Charles O., Jr., to The M. W. Kellogg Co. Copolymer of trifluorochloroethylene and vinylidene and a method of manufacturing same. 2,770,615, 11-13-56, Cl. 260—87.7.
- Krone, Howard C., and W. Meyer, to Wheaton Brass Works. Spring counterbalanced swing joint supported conduit or hose arm. 2,737,592, 3-6-56, Cl. 248—292.
- Krone, Howard C., W. Meyer, and R. Slawinski, to Wheaton Brass Works. Spring counterbalanced swing joint supported conduit or like arm. 2,739,778, 3-27-56, Cl. 248—292.
- Krone, Howard C., W. Meyer, and R. Slawinski, to Wheaton Brass Works. Spring counterbalanced swing joint supported conduit. 2,739,779, 3-27-56, Cl. 248—292.
- Krone, Howard C., and W. Meyer, to Wheaton Brass Works. Hydrant and cooperative coupler valve for aircraft refueling and other uses. 2,739,827, 3-27-56, Cl. 284—18.
- Kronenberg, Heinz, to Krupp, and Halske Aktien-Gesellschaft. Optical scanning device for sound film apparatus. 2,766,329, 10-9-56, Cl. 179—100.3.
- Kronenthal, Richard L., to Colgate-Palmolive Co. Process for the preparation of aliphatic ethers. 2,760,926, 8-28-56, Cl. 204—59.
- Kropp, Victor F. Seats for use by fishermen. 2,734,555, 2-14-56, Cl. 155—131.
- Kronhaus, Henry. Flower-like light reflector for lamps and lighting fixtures. 2,758,198, 8-7-56, Cl. 240—103.
- Kronmiller, Carl G., to Minneapolis-Honeywell Regulator Co. Control device. 2,729,719, 1-3-56, Cl. 200—138.
- Kronoff, Clarence R.: *See*—  
Hooper, Leslie J., and Kronoff. 2,773,517.
- Kronoff, Clarence R., to Crompton & Knowles Loom Works. Weft beat-up and shuttle guide means. 2,766,778, 10-16-56, Cl. 139—191.
- Kronoff, Clarence R., and A. H. Taylor, Jr., to Crompton & Knowles Loom Works. Loom gauge. 2,745,185, 5-15-56, Cl. 33—181.
- Kross, John H., to Victaulic Co. of America. Flexible or rigid joint pipe couplings. 2,752,173, 6-26-56, Cl. 285—129.
- Kropp Forge Co.: *See*—  
Andress, Arne O. 2,732,879.
- Brown, Victor. 2,748,466.
- Foster, Charles C. 2,754,576.
- Kropp, Roy A. 2,736,254.
- Nelson, John H. 2,736,348.
- Kropp, Paul M., Jr.: *See*—  
Lohmann, Albert W., and Kropp. 2,763,767.
- Kropp, Roy A., to Kropp Forge Co. Soil conditioner. 2,736,254, 2-28-56, Cl. 97—220.
- Krosiak, Fred J. Protective vehicle license plate case. 2,741,046, 4-1-56, Cl. 40—125.
- Krow, Leo D., to E. C. Enbner's arm support. 2,770,865, 11-20-56, Cl. 27—21.
- Krow, Cecil J. Fuel feeding device. 2,746,479, 5-22-56, Cl. 137—340.
- Krow Unshrinkable Wools, Ltd.: *See*—  
Chambers, Karl E., and Whiting. 2,742,773.
- Kroyer, Karl K. Apparatus for the continuous conversion of starch. 2,735,792, 2-21-56, Cl. 127—1.
- Krozal, William. Gear type hydraulic unit. 2,758,573, 8-14-56, Cl. 121—68.
- Krozaleski, Leo. Fishing lure. 2,737,748, 3-13-56, Cl. 4.
- Krsek, George R., to Merck & Co., Inc. Preparation of 4-bromo steroids. 2,732,385, 1-24-56, Cl. 260—397.45.
- Krstinich, Martin. Apricot splitter. 2,735,466, 2-21-56, Cl. 146—72.
- Kruck, Eugene. Dog bed. 2,775,222, 12-25-56, Cl. 119—1.
- Kruck, Roy F. Seal cover for conduits. 2,763,293, 9-18-56, Cl. 138—89.
- Kruckeberg, Christian W.: *See*—  
Jauch, Robert J., and Kruckeberg. 2,739,738.
- Kricken, Peter. Apparatus for coating cigars and the like. 2,756,797, 7-17-56, Cl. 118—104.
- Kruckenberg, Winfried, to Farbenfabriken Bayer Aktiengesellschaft. Process for the production of E-acyl lysines. 2,731,480, 1-17-56, Cl. 260—404.5.
- Kruckewich, John. Reciprocating mechanism for a coin vending machine. 2,771,753, 3-27-56, Cl. 74—50.
- Kruck, Charles S., to I. C. Hepher. Flush tank fixture. 2,755,483, 7-24-56, Cl. 4—67.
- Krucoff, Darwin, to the United States of America as represented by the United States Atomic Energy Commission. Electromagnetic rod-position indicator. 2,751,624, 1-17-56, Cl. 340—194.
- Krueger, Albert F.: *See*—  
Joyce, Bradford T., and Krueger. 2,762,034.
- Krueger, Albert F., to Electronics Corporation of America. Fire detectors. 2,762,033, 9-4-56, Cl. 340—227.
- Krueger, Alfred P., to Derby Sealers, Inc. Dispensers for pressure-sensitive tape. 2,754,115, 7-10-56, Cl. 271—2.4.
- Krueger, Alfred P., to Derby Sealers, Inc. Resilient presser member carried by a severing member for urging a stripped portion of tape against a stripping element. 2,760,572, 8-28-56, Cl. 164—64.5.
- Krueger, Alfred P., to Derby Sealers, Inc. Mechanism for progressively severing tape. 2,761,503, 0-4-56, Cl. 164—49.
- Krueger, Bernhardt J., and G. W. Willits, to Johnson & Johnson. Carton holders. 2,754,079, 7-10-56, Cl. 248—311.
- Krueger, Harold H., Sr. Spark plug polarity tester. 2,762,977, 9-11-56, Cl. 324—133.
- Krueger, Harvey R.: *See*—  
Kleboe, John E., Krueger, and Wittenberger. 2,759,594.
- Krueger, M. Adjustable tooth brush. 2,749,567, 6-12-56, Cl. 15—172.
- Krueger, Raymond E.: *See*—  
Martin, Ashby R., and Krueger. 2,763,523.
- Krueger, Ringland M., to American Phenolic Corp. High-frequency transmission cable. Re. 24,154, Cl. 174—113.
- Krueger, Rudolf E. Constant weight flow fluid control valve. 2,731,974, 1-24-56, Cl. 137—80.
- Krueger, Ruth F. Hair dryers. 2,769,247, 11-6-56, Cl. 34—90.
- Krueger, Theodore H., to Better Packages, Inc. Machine for taking finger prints. 2,736,114, 2-28-56, Cl. 41—4.
- Krueger, Theodore H., to Better Packages, Inc. Dispenser for pressure sensitive adhesive tape. 2,769,633, 11-6-56, Cl. 271—2.4.
- Krueger, Walter L.: *See*—  
Fennema, Richard, and Krueger. 2,749,083.
- Krug, Hans-Joachim. Machine tool. 2,765,592, 10-9-56, Cl. 51—134.
- Kruger, Frederick B., R. H. Rossumme, and J. A. Stein, to Bacharach Industrial Instrument Co. Injector testing device. 2,744,407, 5-8-56, Cl. 73—49.7.
- Kruger, Irving D.: *See*—  
Sternick, Sidney, Kruger, and Jacobs. 2,761,484.
- Kruger, Irving D., to the United States of America as represented by the Secretary of the Navy. Rotary contact for a coaxial line. 2,763,844, 9-18-56, Cl. 333—97.
- Kruger, Joachim, to Lübecker Kältemaschinen-G. m. b. H. Piston-ring packings, more particularly for high pressure. 2,749,195, 6-5-56, Cl. 309—31.
- Kruger, John C., deceased; S. Kruger, E. Westphal and E. Kravits executors of said Kruger. Ingot mold apparatus. 2,762,097, 9-11-56, Cl. 22—144.
- Kruger, Melvin E., to Wedglock Co. Plier tool for applying and removing sheet metal fasteners. 2,755,541, 7-24-56, Cl. 29—268.
- Kruger, Michael H., to A. L. Smith Iron Co. Combination ceiling and lighting fixture. 2,734,126, 2-7-56, Cl. 240—9.
- Kruger, Michael H., to A. L. Smith Iron Co. Combination lighting fixture and wiring conduit. 2,740,883, 4-3-56, Cl. 240—9.
- Kruger, Michael H., to A. L. Smith Iron Co. Adjustable fluorescent light fixture. 2,740,885, 4-3-56, Cl. 240—51.11.
- Kruger, Susan: *See*—  
Kruger, John C. 2,762,097.
- Kruger, William P.: *See*—  
Edwards, Donald V., and Kruger. 2,770,752.
- Kruglik, Harry. Method and apparatus for sizing and marking fabric. 2,742,204, 4-17-56, Cl. 223—1.
- Kruijt, Willem J. Coupling device for interconnecting chairs and similar seating furniture into a row. 2,751,969, 8-28-56, Cl. 155—30.
- Kruijthof, Jakob, to International Standard Electric Corp. Two-motion switching system. Re. 2,410, 9-4-56, Cl. 179—18.
- Kruijthof, Jakob, L. J. G. Nys, and J. L. J. Donceel, to International Standard Electric Corp. Flat X-bar switch. 2,740,844, 4-3-56, Cl. 179—27.54.
- Kruijthof, Jakob, L. J. G. Nys, and J. L. J. Donceel, to International Standard Electric Corp. Automatic telecommunication system with absent subscriber service. 2,758,158, 8-7-56, Cl. 179—27.54.
- Kruk, Jacob, to E. C. Enbner. Eye glass frame with movable optical element. 2,752,819, 7-3-56, Cl. 88—41.
- Krupin, Philip. Shirt retainer. 2,752,606, 7-3-56, Cl. 2—323.
- Krupka, George: *See*—  
Brochard, Robert, and Krupka. 2,744,931.
- Krupka, George C.: *See*—  
Mowat, John H., Krupka, and Nalonesnyk. 2,753,291.
- Porter, John N., Krupka, and Nalonesnyk. 2,763,642.
- Krupp, Carroll P., and S. C. Sabo, to The B. F. Goodrich Co. Method of manufacturing continuous tubing and apparatus therefor. 2,756,458, 7-31-56, Cl. 18—6.
- Peterson, Charles, Krupp, and Krupp. 2,729,394.
- Peterson, William R., Krupp, and Stack. 2,764,354.
- Krupp, Fried.: *See*—  
Kluge, Wilhelm F. 2,741,926.
- Krupp, Robert F., and M. H. Wardell, to Gerber Products Co. Sizing machine. 2,764,995, 10-2-56, Cl. 137—241.
- Krus, Adolf: *See*—  
Hofmeister, Hans, and Krus. 2,767,971.
- Kruse, Eugene H., and M. E. Rieke. Apparatus for indicating the percentage of alcohol and alcoholic liquids. 2,765,651, 10-9-56, Cl. 73—53.
- Kruse, Ralph H., to Cambridge Instrument Co., Inc. Electrocardiograph. 2,739,030, 3-20-56, Cl. 346—76.
- Kruse, Robert E.: *See*—  
Kitchens, Charles A., and Kruse. 2,733,721.
- Krusemacker, Frederick A., to Santay Corp. Hydraulic brake master. 2,737,777, 3-3-56, Cl. 60—54.5.
- Kryder, Harold, to Minneapolis-Honeywell Regulator Co. Push button switch. 2,740,023, 3-27-56, Cl. 200—168.
- Kryzan, Anthony T.: *See*—  
Prest, Stanley F. 2,745,948.
- Kryzer, Benjamin H., to The Lindsay Co. Distributor for water treatment and filter tanks. 2,768,750, 10-30-56, Cl. 210—94.
- Kryzer, Benjamin H., and L. G. Lindsay, to The Lindsay Co. Controls for water softeners. 2,768,950, 10-30-56, Cl. 210—24.

- Krzanowski, Frank A.,  $\frac{1}{2}$  to A. J. Ciesielski. Pivoted lever type container cap remover with cutter. 2,729,125, 1-3-56, Cl. 81-3-46.
- Krzanowski, Frank A.,  $\frac{1}{2}$  to A. J. Ciesielski. Tool for expelling liquid from a circular cylindrical sponge. 2,761,165, 9-4-56, Cl. 15-238.
- Krzikalla, Hans, T. Toepel, and B. Eistert, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Acid diazo dye-stuffs. 2,729,630, 1-3-56, Cl. 260-155.
- Krzikalla, Hans, and H. Pohlemann, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Substitution products of 1,3,4-thiadiazole and process. 2,736,729, 2-28-56, Cl. 260-302.
- Krzikalla, Hans, and F. van Taack-Trakranen, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Lacquers from naphthalene-formaldehyde resins which are elastic after drying out. 2,748,094, 5-29-56, Cl. 260-28.
- Krzikalla, Hans, and O. Tassner, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Process of impregnating wood. 2,768,910, 10-30-56, Cl. 117-149.
- Kuba, Samuel: See—
- Granberry, Doyle S., and Kuba. 2,775,676.
- Kubangh, Le Roy M., to The Firestone Tire & Rubber Co. Link for endless track. 2,731,304, 1-17-56, Cl. 305-10.
- Kubeck, Ernest J. Tear-strip removing tool. 2,762,523, 9-11-56, Cl. 220-47.
- Kubera, Gerhard, to Alfred Teves Maschinen- und Armaturen-fabrik KG. Process for manufacture of hollow poppet valves especially for internal-combustion engines. 2,731,708, 1-24-56, Cl. 29-156.7.
- Kubicki, Henry: See—
- Szadkiewicz, Henry E., and Kubicki. 2,759,433.
- Kubik, John: See—
- Kubik, Stanley S., and J. 2,750,662.
- Kubik, Paul P.: See—
- Golden, Abraham H., Schmid, and Kubik. 2,747,907.
- Kubik, Paul P., to The Firestone Tire & Rubber Co. Adjustable key plug retainer. 2,748,580, 6-5-56, Cl. 70-367.
- Kubik, Stanley S., and J. Opener for weakened closure containers. 2,750,662, 6-19-56, Cl. 30-16.
- Kubiliunas, Ignas B., to O. Trosble light and suspension means. 2,747,079, 5-22-56, Cl. 240-52.15.
- Kucera, Clement M., to Reed Roller Bit Co. Drill bit. 2,754,091, 7-10-56, Cl. 255-313.
- Kucera, Joseph B. Strainer device. 2,757,800, 8-7-56, Cl. 210-152.
- Kucharski, Thaddeus W.: See—
- Droel, Louis W., and Kucharski. 2,749,395.
- Kuchas, Francis C.: See—
- Krom, Myron E., and Kuchas. 2,732,435.
- Kuchenbecker, Morris W., to Marathon Corp. Carton. 2,760,712, 8-28-56, Cl. 229-51.
- Kuchinsky, Saul, to Burroughs Corp. Pulse code modulation system. 2,733,409, 1-31-56, Cl. 332-11.
- Kuchinsky, Saul, to Burroughs Corp. Multiple position beam tube. 2,764,711, 9-25-56, Cl. 315-21.
- Kuchler, Kenneth G., and H. G. Hutchinson. Wrist support during violin playing. 2,761,346, 9-4-56, Cl. 84-281.
- Kuchman, Herbert, and A. Deeg. Pivoted work holding and bending tool. 2,732,744, 1-31-56, Cl. 81-15.
- Kuczynski, Walter, and G. J. Lehmann, to Baker & Co., Inc. Catalytic fuel igniters. 2,747,143, 5-22-56, Cl. 317-83.
- Kudde, Virginia R. Jewel case. 2,739,697, 3-27-56, Cl. 209-1.
- Kudde, Virginia R. Apparatus for hanging draperies. 2,765,844, 10-9-56, Cl. 160-348.
- Kuder, Milton L., to the United States of America as represented by the Secretary of Commerce. Electronic analogue-to-digital converters. 2,761,968, 9-4-56, Cl. 250-27.
- Kuder, Milton L. Antenna pattern recorder. 2,763,859, 9-18-56, Cl. 343-100.
- Kuder, Robert C., to Allied Chemical & Dye Corp. Plasticized vinyl resin composition containing vinylcyclohexanol esters. 2,764,281, 7-10-56, Cl. 260-28.
- Kuder, Robert C., to Allied Chemical & Dye Corp. Production of formate esters of vinyl-cyclohexene and their derivatives. 2,764,610, 9-25-56, Cl. 260-497.
- Kudaty, Walter J.: See—
- Flick, Francis S., and Kudaty. 2,755,775.
- Kudrna, Emil J. Adjustable hassock. 2,742,953, 4-24-56, Cl. 155-93.
- Kudryk, Val: See—
- McAuley, Patrick J., Nashner, and Kudryk. 2,746,859.
- Kuebler, Carl P., to Bendix Aviation Corp. Method of and apparatus for lining and impregnating a conduit. 2,759,864, 8-21-56, Cl. 154-228.
- Kuehlman, Norman V., and E. T. Tai, to Tai Bender, Inc. Combination pipe bending apparatus and auxiliary pivoted tube bender. 2,754,880, 7-17-56, Cl. 153-40.
- Kuehlthau, Hugo L.: See—
- Avery, Fred J. 2,756,888.
- Kuehlthau, Hugo L., to Pettibone Mulliken Corp. Molding machine. 2,731,687, 1-24-56, Cl. 22-42.
- Kuehmann Foods, Inc.: See—
- Janis, Martin A., and Bremford. 2,762,709.
- Kuehn, John J. Weight sensitive pull and brake clutch. 2,729,079, 1-3-56, Cl. 64-30.
- Kuehn, Roma V. Juice extractor. 2,732,076, 1-24-56, Cl. 210-150.5.
- Kuehne, Fred, Jr., to Kuehne Mfg. Co. Soldered elbow. 2,730,385, 1-10-56, Cl. 285-211.
- Kuehne Mfg. Co.: See—
- Kuehne, Fred, Jr. 2,730,385.
- Kuehner, Calvin C.: See—
- Wickerham, Lynford J., and Kuehner. 2,764,487.
- Kuemlin, Robert H.: See—
- Daum, Claude R., Kuemlich, and Garstka. 2,748,376.
- Kuempe, Leon L., to Keco Industries, Inc. Vehicle refrigerating apparatus. 2,743,589, 5-1-56, Cl. 62-117.1.
- Kueper, Matthew C., to Hercules Motors Corp. Compression ignition internal combustion engine construction. 2,735,412, 2-21-56, Cl. 123-32.
- Kueser, John J., to Knapp-Monarch Co. Switch for automatic coffee-maker. 2,740,019, 3-27-56, Cl. 200-138.
- Kueser, John J., to Knapp-Monarch Co. Automatic coffee machine switch therefor. 2,741,975, 4-17-56, Cl. 99-281.
- Kueser, John J., and C. D. Visos, to Knapp-Monarch Co. Speed control for liquefier. 2,740,029, 3-27-56, Cl. 201-62.
- Kuessner, Willi: See—
- Hofory, Rudolf, Jacobi, and Kuessner. 2,734,062.
- Kuettel, Alfred W., to Machine for making roofing and the like. 2,747,642, 5-29-56, Cl. 153-28.
- Kuettel, NS, to Curtiss-Wright Corp. Polymerized styrene molding compositions. 2,752,315, 6-26-56, Cl. 260-23.
- Kuever, Paul H. Food handling and scraping tool for use with grills. 2,747,911, 5-29-56, Cl. 204-7.
- Kufner, George. Process for the manufacture of threads. 2,746,236, 5-22-56, Cl. 57-160.
- Kugel, Fritz, and H. Müller, to J. M. Voith G. m. b. H. Fluid couplings. 2,760,341, 8-28-56, Cl. 60-54.
- Kugelschneider, Georg Schuler & Co.: See—
- Von Mohrenstein, Alexander. 2,738,241.
- Kugler, Edwin R. Drum handling devices for lift trucks. 2,747,755, 5-29-56, Cl. 214-653.
- Kugler, Edwin R. Lift truck attachment for drums and the like. 2,747,812, 8-7-56, Cl. 214-653.
- Kugler, Edwin R. Barrel handling device with gripping jaws. 2,760,662, 8-28-56, Cl. 214-653.
- Kugler, Edwin R. Power shovel attachment for industrial trucks. 2,746,807, 6-26-56, Cl. 214-653.
- Kuhl, George H. Punch press and feed mechanism therefor. 2,748,865, 6-5-56, Cl. 164-117.
- Kuhl, George H. Punch press. 2,751,984, 6-26-56, Cl. 164-90.
- Kuhl, George H. Tone control circuit. 2,761,921, 9-4-56, Cl. 179-171.
- Kuhlbars, Hermann: See—
- Senlen, Gerhard, and Kuhlbars. 2,743,345.
- Kühle, Engelbert: See—
- Schler, Vermer, Domagk, Wegler, and Kühle. 2,744,905.
- Kühle, Engelbert, and R. Wegler, to Farbenfabriken Bayer Aktiengesellschaft. Process for the production of thioacylhydrazones. 2,774,757, 12-18-56, Cl. 260-240.
- Kuhlschmidt, Donald, and D. C. Vasseur, to Whirlpool-Seeger Corp. Control and exhaust control mechanism for air conditioning apparatus. 2,760,353, 8-28-56, Cl. 62-129.
- Kuhlschmidt, Donald, and C. O. Fowler, to Whirlpool-Seeger Corp. Damper control mechanism for air conditioning apparatus. 2,769,320, 11-6-56, Cl. 62-129.
- Kuhlschmidt, Floyd E.: See—
- Kuhlschmidt, Harold L. and F. E., and Arthur and Arnold Geiselman. 2,746,619.
- Kuhlschmidt, Harold L., and F. E., and Arthur and Arnold Geiselman. Elberfeld Mfg. Co., Inc. Truck loading or unloading mechanism. 2,746,619, 5-22-56, Cl. 214-75.
- Kuhles, Edward K., and R. R. Graves, to the Graves-Stambaugh Corp. Portable vacuum tank. 2,751,123, 6-19-56, Cl. 222-176.
- Kuhlman, Arthur L. Pre-cast building units. 2,745,276, 5-15-56, Cl. 72-41.
- Kuhlman, Leo E. Resilient floor construction. 2,743,487, 5-1-56, Cl. 20-6.
- Kuhlman, Stanley. Shears. 2,744,323, 5-8-56, Cl. 30-251.
- Kuhlman, William H., Jr., to the United States of America as represented by the Secretary of the Air Force. Aerodynamic deflector and diffuser. 2,749,064, 6-5-56, Cl. 260-580.
- Kuhlmann, Emil P., to National Registrier Kassen Augsburg G. m. b. H. Record material carriage shifting means for calculating machines. 2,746,304, 5-22-56, Cl. 74-99.
- Kuhn, Albert J., to General Motors Corp. Refrigerating apparatus. 2,731,805, 1-24-56, Cl. 62-3.
- Kuhn, Frank O. Time delay mechanism. 2,733,671, 2-21-56, Cl. 267-1.
- Kuhn, Georges, to Meffina S. A. Fuses for projectiles. 2,750,889, 6-19-56, Cl. 102-79.
- Kuhn, Harry J. Fish tank aerator. 2,742,732, 4-24-56, Cl. 43-57.
- Kuhn, John, to The Garrett Corp. Fluid stream direction indicator. 2,736,198, 2-28-56, Cl. 73-180.
- Kuhn, Lester P., to Ringwood Chemical Corp. Reduction of 2-nitro 1-phenyl propene-1. 2,768,209, 10-23-56, Cl. 260-580.
- Kuhn, Ralph R.: See—
- Michels, Willie. 2,755,087.
- Kuhn, Richard and G. Quadbeck. Preparation of thiolalkylamides. 2,751,409, 6-19-56, Cl. 260-558.
- Kuhn, Richard, and I. Löw, to American Home Products Corp. Preparation of 3-acetoxy-3<sup>10</sup>-allopropren-2-one from diacetyltonitride. 2,768,190, 10-23-56, Cl. 260-397.4.
- Kuhn, Richard, and I. Löw, to American Home Products Corp. Tomatinide derivatives. 2,770,618, 11-13-56, Cl. 260-239.6.



- Kuhn, Robert A., and C. A. Hanser, to American Electrical Heater Co. Electric soldering iron for small work. 2,768,275, 10-23-56, Cl. 219-26.
- Kuhn, Walter O., to Farrel-Birmingham Co., Inc. Articulated planetary gearing. 2,749,775, 6-12-56, Cl. 74-801.
- Kühne, Rudolf: *See—*
- Eckert, Wilhelm, and Kühne. 2,765,309.
- Kühnel, Alexander H., to the United States of America as represented by the Secretary of the Army. Position control system. 2,751,535, 6-19-56, Cl. 318-19.
- Kühnel, Paul: *See—*
- Büchner, Karl, and Kühnel. 2,763,694.
- Kuhnelt, Wolfgang: *See—*
- Cuscolleo, Otwin, Grohs, Rösner, and Kuhnelt. 2,741,555.
- Kuhnelt, Max H., to Riley Stoker Corp. Steam generating unit. 2,753,875, 1-14-56, Cl. 129-2.
- Kühnhold, Rudolf, to Electroacoustic Gesellschaft mit beschränkter Haftung. Absorption device for electro-magnetic waves. 2,771,602, 11-20-56, Cl. 343-18.
- Kuhle, Ernst. Adjusting mechanism for weighing scales. 2,769,590, 11-6-56, Cl. 235-61.
- Kuhns, Ray K.: *See—*
- Brooks, Marvin C., and Kuhns. 2,756,220.
- Brooks, Marvin C., and Kuhns. 2,763,674.
- Kuhning, Malcolm S., to National Research Council. Combustion chamber for axial flow gas turbines. 2,742,762, 1-24-56, Cl. 30-39, 65.
- Kuhr, Friedrich: *See—*
- Wizenetz, Leopold, Fraunberger, and Kuhr. 2,754,464.
- Kuhr, Noel H., to Eastman Kodak Co. Stabilized unsaturated compositions and stabilizer therefor. 2,732,386, 1-24-56, Cl. 260-395.3.
- Kuhw, Heinrich E. Luminaire. 2,732,485, 1-24-56, Cl. 240-31.12.
- Kuljvenhoven, Arend W., to Society "Brevets Aero-Mechaniques," S. A. Gun mountings carried by movable supports. 2,762,265, 9-11-56, Cl. 89-41.
- Kuljvenhoven, Leendert M., and C. Westertorp, to Harford National Bank and Trust Co. Stable aqueous solution of vitamin B<sub>1</sub> and method for preparing the same. 2,734,902, 2-14-56, Cl. 260-256.6.
- Kukoif, Arthur J. Glitter cloth. 2,750,300, 6-12-56, Cl. 117-28.
- Kukow, Sheldon E., now by change of name S. E. Kent, to Hodag Chemical Corp. Antifoam compositions. 2,762,780, 9-11-56, Cl. 252-321.
- Kulcsar, Frank, to Clevite Corp. Fired ceramic barium titanate body. 2,735,024, 2-14-56, Cl. 310-8.3.
- Kulicke, Frederick W., Jr., to Proctor Electric Co. Ironing guide. 2,748,512, 6-8-56, Cl. 28-121.
- Kulik, Metro D., to Pittsburgh Consolidation Coal Co. Process for removing finely divided solids from raw low temperature carbonization coal tars. 2,774,716, 12-18-56, Cl. 196-14.1.
- Kulkoff, Waldemar. Switches for hydraulic pressure devices. 2,739,613, 3-27-56, Cl. 137-82.2.
- Kulikowski, Edwin F., J. M. Miles, and R. T. Fitzgerald. Automatic tuning mechanism. 2,745,016, 5-8-56, Cl. 250-40.
- Kulisch, Richard J. Screen for automobile door window. 2,757,725, 8-7-56, Cl. 160-93.
- Kullish, Harry. Reel for the fluid treatment of thread. 2,748,588, 6-5-56, Cl. 68-205.
- Kuljian, Harry A. Thread manufacturing apparatus. 2,750,783, 6-19-56, Cl. 68-205.
- Kulka, Thomas S. Tape retaining means for reels. 2,761,555, 9-4-56, Cl. 206-52.
- Kulka, Thomas S. Retainer for tape wound on reels. 2,765,908, 10-9-56, Cl. 206-54.
- Kull, Walter: *See—*
- Himmelheber, Max, Steiner, and Kull. 2,737,997.
- Kulling, Arne, to AB Svenska Plakfabriken. Cooling device for bearings. 2,733,106, 1-31-56, Cl. 308-77.
- Kulo, Thomas E.: *See—*
- Rogier, Clarence F., Kulo, and Singer. 2,769,524.
- Kulo, Thomas E., and C. F. Rogier, to Johnson Fare Box Co. Coin counter. 2,750,949, 6-19-56, Cl. 133-8.
- Kuly, S. G.: *See—*
- Hannukuri, Lasse J., and Kulvik. 2,765,645.
- Kumet, Karl, to Commonwealth Scientific and Industrial Research Organization. Method of producing egg substitutes for use in the production of sponges, cakes, and similar baked goods. 2,739,898, 3-27-56, Cl. 99-114.
- Kumins, Charles A., to Interchemical Corp. Process for making ultramarine pigment. 2,738,288, 3-13-56, Cl. 106-305.
- Kumins, Charles A., to Interchemical Corp. Process for making ultramarine. 2,745,768, 5-15-56, Cl. 106-305.
- Kumins, Charles A., to Interchemical Corp. Ultramarine pigment and method of making same. 2,759,844, 8-21-56, Cl. 106-305.
- Kümmel, Paul: *See—*
- Gabler, Rudolf, and Kümmel. 2,739,139.
- Kummel, Paul, to Inventa A. G. Für Forschung Und Patentverwertung. Device for stretching synthetic silk. 2,758,873, 1-23-56, Cl. 28-71.3.
- Kummer, Ernst W., to R. Device for folding and enveloping letters. 2,765,604, 10-9-56, Cl. 53-136.
- Kummer, Rolf: *See—*
- Kummer, Ernst W., and R. 2,765,604.
- Kummerman, Henri. Watertight closing device for doors, hatches, or similar elements. 2,729,185, 1-3-56, Cl. 114-201.
- Kummerman, Henri. Ship hold with removable flooring structure. 2,736,287, 2-28-56, Cl. 114-72.
- Kummerman, Henri. Shiphold mounting of elements adapted to work under torsion stress. 2,747,587, 5-29-56, Cl. 114-79.
- Kummerman, Henri. Operating device for steel hatch-covers. 2,730,459, 8-28-56, Cl. 114-202.
- Kümmich, Maria K.: *See—*
- Kümmich, Theodor F. 2,764,904.
- Kümmich, Theodor F.: *See—*
- Forster, Hans-Joachim M., Kollmann, and Kümmich. 2,747,430.
- Kümmich, Theodor F., deceased, by M. K. Kümmich, administratrix, to Daimler-Benz Aktiengesellschaft. Transmission with gear groups connected in tandem arrangement. 2,764,904, 10-2-56, Cl. 74-763.
- Kümpers, Carl L.: *See—*
- Dölling, Fritz, and Kümpers. 2,745,145.
- Kumpers, F. A., K. G.: *See—*
- Dölling, Fritz, and Kümpers. 2,745,145.
- Kumper, Beverly D., to the United States of America as represented by the Secretary of the Army. Magnetron amplifier. 2,760,111, 8-21-56, Cl. 315-39.3.
- Kumper, Beverly D., to the United States of America as represented by the Secretary of the Army. Standing wave detector for millimeter waves. 2,762,980, 9-11-56, Cl. 333-6.
- Kun, Louis, Jr., and L. Sr., and Z. Dan. Electrode holder and anode combination for electric welding. 2,750,485, 6-12-56, Cl. 219-8.
- Kun, Louis, Sr.: *See—*
- Kun, Louis, Jr., and L. Sr., and Dan. 2,750,485.
- Kunda, Vassil: *See—*
- Mackvi, Vladimir N., Lin, Roy, and Kunda. 2,767,083.
- Mackvi, Vladimir N., Roy, Lin, and Kunda. 2,767,081.
- Roy, Tuhin K., Lin, Mackvi, and Kunda. 2,767,082.
- Kunder, Adolphe. Refrigerated plate, with frost prevention. 2,759,339, 8-21-56, Cl. 62-117.53.
- Kundert, Alex. Detachable link strap of synthetic plastic material. 2,750,938, 12-25-56, Cl. 59-80.
- Kundert, Donald G., and H. Pledger, Jr., to The Dow Chemical Co. Halophenylidichloromethylpropenes. 2,745,884, 5-15-56, Cl. 260-651.
- Kundiger, Donald G., and D. D. Wheeler, to The Dow Chemical Co. Method of preparing esters from chlorotone. 2,759,958, 8-21-56, Cl. 260-479.
- Kunel, Heinrich. Vehicular tire. 2,749,959, 6-12-56, Cl. 152-202.
- Kuner, William H.: *See—*
- Horvath, Anthony G., Kuner, and Wolfe. 2,744,202.
- Kung, Frederick E.: *See—*
- Nelson, Joseph A., Strain, Kung, and Bissinger. 2,765,272.
- Kung, Frederick E., to Columbia-Southern Chemical Corp. Preparation of benzene hexachloride. 2,739,988, 3-27-56, Cl. 260-648.
- Kunik, Clarence L., to Crown Zellerbach Corp. Bag truck tow bar. 2,760,441, 8-28-56, Cl. 104-170.
- Kunik, I. Jordan: *See—*
- Bigelow, Norman E. 2,758,563.
- Kuniholm Mfg. Co.: *See—*
- Kuniholm, Waino G., and Hobby. 2,770,488.
- Kuniholm, Waino G., and E. E. Hobby, to Kuniholm Mfg. Co. Protective structures for strollers. 2,770,488, 11-13-56, Cl. 296-107.
- Kunin, Robert: *See—*
- Chasanov, Martin G., Kunin, Mattikow, and Thurman. 2,771,480.
- Kunin, Robert, to the United States of America as represented by the United States Atomic Energy Commission. Recovery of uranium values from phosphoric acid. 2,733,200, 1-31-56, Cl. 204-90.
- Kunin, Robert, to the United States of America as represented by the United States Atomic Energy Commission. Electrolytic purification of uranium. 2,739,934, 3-27-56, Cl. 204-96.
- Kunin, Robert, to the United States of America as represented by the United States Atomic Energy Commission. Recovery of uranium. 2,741,589, 4-10-56, Cl. 204-90.
- Kunin, Robert, to the United States of America as represented by the United States Atomic Energy Commission. Electrolytic recovery of manganese. 2,741,590, 4-10-56, Cl. 204-96.
- Kunins, Morris K. Variable color light source. 2,761,959, 9-5-56, Cl. 240-3.1.
- Kunish, John A.: *See—*
- Jones, Jean E., Reed, and Kunish. 2,759,822.
- Kunkel, Aloysius T. Plastic weather strip. 2,739,358, 3-27-56, Cl. 20-69.
- Kunkel, Aloysius T. Method of corner construction. 2,742,690, 4-4-56, Cl. 25-417.
- Kunkel, Paul E. Bale grapple. 2,757,953, 8-7-56, Cl. 294-110.
- Kuntz, Harry A., to Libbey-Owens-Ford Glass Co. Sheet glass cutting machine. 2,746,153, 5-22-56, Cl. 33-27.
- Kuntz, Irving: *See—*
- Ross, Sidney D., and Kuntz. 2,734,035.
- Kuntz, William H. Washing machine. 2,770,121, 11-13-56, Cl. 68-38.
- Kunz, Jacob T.: *See—*
- Harland, Philip W., and Kunz. 2,738,497.
- Kunz, Jacob T., to Schulerich Electronics, Inc. Electrical pickup or vibrating bodies. 2,726,132, 1-3-56, Cl. 84-114.
- Kunz, Jacob T., to Schulerich Electronics, Inc. Rigid vibrator musical instrument. 2,769,361, 11-6-56, Cl. 84-115.

- Kunz, Jacob T., to Schulmerich Electronics, Inc. Musical instruments with capacitive pickup. 2,770,994, 11-20-56, Cl. 84-1.14.
- Kunz, Karl: *See—*  
Hercule, Ludwig, Jehle, Kunz, Möller, and Schlack. 2,733,122.
- Kunz, Paul A., to N. V. Fridor Fabrieken. Needle bar for a sewing machine. 2,767,672, 10-23-56, Cl. 112-225.
- Kunz, William J., Jr., and W. C. Wintrobe, to Bendix Aviation Corp. System for speed temperature scheduling of gas turbine engines. 2,762,194, 9-11-56, Cl. 60-39.28.
- Kunze, Henry C., to Railway Steam Research Corp. Water processing apparatus. 2,770,447, 11-13-56, Cl. 261-77.
- Kunze, Walter G., R. B. Evans, and J. W. Huebschmann, to National Starch Products Inc. Process for preparing a cold water soluble dextrin adhesive and the product thereof. 2,772,178, 11-27-56, Cl. 106-208.
- Kuo, Tai-Hsien: *See—*  
Cullan, Robert and Kuo. 2,763,139.
- Kupchick, Edward. Balanced expandable linkage with covered frame member. 2,765,681, 7-10-56, Cl. 59-79.
- Kuper, Bernard W. Breech block removing tool. 2,741,011, 4-10-56, Cl. 29-1.1.
- Kupferberg, Alfred B.: *See—*  
Singher, Heron O., Kupferberg, and Lowy. 2,761,810.
- Kupferberg, Alfred B., W. C. Mende, N. Millman, and H. O. Singher, to Ortho Pharmaceutical Corp. Acyl amino-nitrothiazole compositions for oral administration in control of trichomonas vaginalis vaginitis. 2,735,798, 2-21-56, Cl. 167-35.
- Kupferberg, Alfred B., and H. O. Singher, to Ortho Pharmaceutical Corp. Preparation of blood fraction for use in Rh testing procedures. 2,761,809, 9-4-56, Cl. 167-84.5.
- Kupferberg, Alfred B., and H. O. Singher, to Ortho Pharmaceutical Corp. Preparation of blood fraction for use in Rh testing procedures. 2,761,811, 9-4-56, Cl. 167-84.5.
- Kupinski, Joseph: *See—*  
Sersce, Floyd W., and Kupinski. 2,751,821.
- Kupka, John, to The Kline-Farr Corp. Free piston internal combustion pile. 2,755,783, 7-24-56, Cl. 123-7.
- Küpper, Wilhelm: *See—*  
Furst, Stefan, and Küpper. 2,750,125.
- Kuppini, Herbert: *See—*  
Denman, Stephen A. 2,750,191.
- Kurashiki Rayon Co., Ltd.: *See—*  
Okada, Shinzo, and Eguchi. 2,770,588.
- Kurata, Fred, to Kask Technical Corp. Atomizing nozzle. 2,734,770, 2-14-56, Cl. 295-25.
- Kurata, Motoharu, to Asahi Garasu Kabushiki Kaisha. Stop device for automatic glass cutting apparatus for cross cutting. 2,747,279, 5-29-56, Cl. 33-32.
- Kurata, Motoharu, to Asahi Garasu Kabushiki Kaisha. Apparatus for automatically cutting glass sheets. 2,747,280, 5-29-56, Cl. 33-32.
- Kurata, Motoharu, to Asahi Garasu Kabushiki Kaisha. Method and apparatus for automatically spot loading plate glass on a conveyor. 2,747,752, 5-29-56, Cl. 214-91.
- Kürbi & Niggeloh: *See—*  
Niggeloh, Carl. 2,771,261.
- Kurdon, Inc.: *See—*  
Kiefer, Kurt T. 2,731,082.
- Kiefer, Kurt T. 2,768,679.
- Kurek, Edwin J., to The Pyle-National Co. High pressure converter. 2,734,447, 2-14-56, Cl. 98-40.
- Kurek, Edwin J., to The Pyle-National Co. High pressure converter. 2,737,977, 3-13-56, Cl. 137-561.
- Kurek, John A. Tackle box. 2,765,576, 10-9-56, Cl. 43-54.5.
- Kuriyama, Fred F. Support for hour-in-hand tie. 2,733,147, 2-7-56, Cl. 2-153.
- Kurk Products Co.: *See—*  
Kurkjian, Yervant H. 2,752,920.
- Kurkjian, Haig. Clutches. 2,774,454, 12-18-56, Cl. 192-105.
- Kurkjian, Yervant H., to Kurt Products Co. Injector plunger seat sealing means. 2,752,920, 7-3-56, Cl. 128-261.
- Kurkjian, Yervant H. Vent controlling nursing unit. 2,762,520, 9-11-56, Cl. 215-1.1.
- Kurkjian, Joseph. Key container. 2,729,965, 1-10-56, Cl. 70-456.
- Kurlinski, Theodorus S.: *See—*  
Fisher, Simon, and Kurlinski. 2,730,600.
- Kurshan, Jerome, to Radio Corp. of America. Photo device amplifier circuit. 2,745,021, 5-8-56, Cl. 250-211.
- Kurt, Winfred A., to Midwest Rubber Co. Drain plug valve flushing device. 2,753,876, 7-10-56, Cl. 134-167.
- Kurt, Winfred A., to Midwest Rubber Co. Drain plug valve flushing device. 2,755,810, 7-24-56, Cl. 134-167.
- Kurth, Clarence F., and K. D. Purdy, to Allen-Bradley Co. Electrical connector for welding and riveting. 2,765,393, 10-2-56, Cl. 219-158.
- Kurth, Ervin F., to the State of Oregon, acting by and through the Oregon State Board of Forestry. Producing pure dihydroquercetin. 2,744,919, 5-8-56, Cl. 260-345.2.
- Kurth, Ervin F., to the State of Oregon, acting by and through the Oregon State Board of Forestry. Converting dihydroquercetin to quercetin. 2,744,920, 5-8-56, Cl. 260-345.2.
- Kuth, Franz L., R. Phillips, W. J. Waelndner, and G. R. Wallen, to Anemostat Corp. of America. Air outlet device for ventilating apparatus. 2,737,875, 3-13-56, Cl. 98-38.
- Kurth Maiting Co., The: *See—*  
Kneen, Eric. 2,748,002.
- Kurti, Alexander, to United Aircraft Corp. Blade lock. 2,753,149, 7-3-56, Cl. 253-77.
- Kurtz, Edward F., to Metals & Controls Corp. Externally resettable hermetically sealed thermostat. 2,752,454, 6-26-56, Cl. 200-138.
- Kurtz, Lowell M., to General Electric Co. Insulated cabinet. 2,729,874, 1-10-56, Cl. 20-35.
- Kurtz, Ralph W., to James B. Clow & Sons, Inc. Rotary spray gun. 2,738,231, 3-13-56, Cl. 299-140.1.
- Kurtz, Robert G.: *See—*  
Staebler, Lloyd A., and Kurtz. 2,748,573.
- Kurzman, George B., to Gardner City Plating & Mfg. Co. Display rack. 2,759,613, 8-21-56, Cl. 211-94.
- Kurvers, Robert J., and G. F. Scheller, to Lockheed Aircraft Corp. Retractable caster with brake. 2,775,313, 12-25-56, Cl. 2-12.
- Kurz, Walter: *See—*  
Federn, Klaus, Hack, and Kurz. 2,746,299.
- Kushner, Samuel: *See—*  
Bach, Frederick L., Jr., Brabander, and Kushner. 2,753,231.
- Kushner, Samuel, and J. Morton II, to American Cyanamid Co. Substituted phthalides and methods of preparing the same. 2,744,918, 5-8-56, Cl. 260-343.3.
- Kushner, Samuel, J. H. Boothe, and J. Morton, II, to American Cyanamid Co. New method of preparing halo-phthalide compounds. 2,757,179, 7-31-56, Cl. 260-343.3.
- Kusiek, Alex B. Gate latch. 2,770,482, 11-13-56, Cl. 292-246.
- Kuss, Ferdinand. Trunnion mounting for chassis and the like. 2,749,200, 6-5-56, Cl. 312-323.
- Kuss, Ralph L. Reinforced walls of holes in plastic members and method of making same. 2,748,047, 5-29-56, Cl. 154-116.
- Kuss, Robert S. Dispenser for a liquid disinfectant. 2,770,492, 11-13-56, Cl. 299-20.
- Kuss, Theodore M., and R. D. Russell. Deep water well drilling system. 2,750,750, 6-19-56, Cl. 61-46.5.
- Kussmann, Theodore C. Push broom. 2,753,579, 7-10-56, Cl. 15-145.
- Kussmaul, Edwin E., to The Kelek Co. Raceway fitting providing access opening. 2,741,499, 4-10-56, Cl. 285-201.5.
- Kuster, V. E.: *See—*  
Story, James K. 2,765,541.
- Kuster, Werner: *See—*  
Schetty, Guido, and Kuster. 2,757,172.
- Kuster, Werner, and G. Schetty, to J. R. Geigy A. G. Chromable monoazo dyestuffs. 2,732,372, 1-24-56, Cl. 260-151.
- Kusters, Edward, to Texplant Corp. Pressure loading device for printing roll. 2,743,442, 5-15-56, Cl. 101-247.
- Kustner Fred, et Cie. S. A.: *See—*  
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- Kustusch, Eryk, to P. W. Kustusch. Amplifying flush pin gauge. Re. 2,741,77, 7-3-56, Cl. 33-169.
- Kustusch, Paul W.: *See—*  
Kustusch, Eryk. Re. 2,741,77.
- Kutscha, Paul G. Children's playing blocks. 2,747,325, 5-29-56, Cl. 46-25.
- Kutsche, Stuart F.: *See—*  
Haley, Charles W., Jr., Kutsche, and Orent. 2,750,953.
- Kuthe, Charles H., to Calumet & Hecla, Inc. Accumulator drier for refrigerating apparatus. 2,732,074, 1-24-56, Cl. 210-131.
- Kuts, Mathew, to The B. F. Goodrich Co. Method of building continuous tubing and apparatus therefor. 2,732,882, 1-31-56, Cl. 154-1.6.
- Kuts, Mathew, to The B. F. Goodrich Co. Method and apparatus for slitting tire treads. 2,762,431, 9-11-56, Cl. 164-10.2.
- Kutsche, August A. Urinal. 2,734,198, 2-14-56, Cl. 4-110.
- Kutsche, Stuart F.: *See—*  
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- Kutsky, Roman J., to The Regents of the University of California. Method of isolating nucleoproteins. 2,741,653, 4-10-56, Cl. 260-112.
- Kuttler, Kenneth L.: *See—*  
Maurer, Fred D., De Tray, Kuttler, and Webb. 2,756,176.
- Kutzer, Louis G.: *See—*  
White, Jonathan S., and Kutzer. 2,752,663.
- Kutzel, Robert J., to Minneapolis-Honeywell Regulator Co. Automatic steering apparatus. 2,751,169, 6-10-56, Cl. 244-1.
- Kutzel, Robert J., to Minneapolis-Honeywell Regulator Co. Automatic steering apparatus. 2,755,426, 7-17-56, Cl. 318-489.
- Kutzel, Robert J., to Minneapolis-Honeywell Regulator Co. Automatic pilots. 2,756,010, 7-24-56, Cl. 244-77.
- Kutzel, Robert J., to Minneapolis-Honeywell Regulator Co. Control apparatus. 2,756,011, 7-24-56, Cl. 244-77.
- Kutzel, Robert J., to Minneapolis-Honeywell Regulator Co. Radio actuated aircraft apparatus with rapid response and integral control. 2,759,137, 8-14-56, Cl. 318-489.
- Kutzel, Robert J., to Minneapolis-Honeywell Regulator Co. Angular velocity control device for aircraft. 2,768,843, 10-23-56, Cl. 318-489.
- Kuwada, George T. Watch balance spring testing device. 2,772,562, 12-4-56, Cl. 73-6.
- Kuwada, George T. Watch balance spring testing device and crystal microphone therefor. 2,772,563, 12-4-56, Cl. 73-6.
- Kux, Albert S., to Kux Machine Co. Means for delivering charges of molten metal. 2,741,006, 4-10-56, Cl. 22-79.
- Kux Machine Co.: *See—*  
Kux, Albert S. 2,741,006.
- Kuykendall, Dwain I. Electrically illuminated wreath for automobile windows. 2,753,441, 7-3-56, Cl. 240-10.



- Kuykendall, Jack. Flare igniting and discharging device. 2,751,582, 6-19-56, Cl. 340-366.
- Kuziak, Matthew: *See*—
- Hamburg, Henry F. 2,766,349.
- Kuzmick, Jerome F., to Ekstrand & Tholand, Inc. Manufacture of plated powdered metal articles. 2,740,191, 4-3-56, Cl. 26-420.
- Kuzmick, Jerome F., and W. P. Schenck, to Alan Wood Steel Co. Process of production of iron powder. 2,759,808, 8-21-56, Cl. 75-5.
- Kvetinskas, Bruno: *See*—
- Isptafel, Vladimir N., Pines, and Kvetinskas. 2,758,140.
- Kwaks, Andrew J. Cable and ground wire clamp for electrical outlet boxes. 2,768,232, 10-23-56, Cl. 174-51.
- Kwapich, Rose M.: *See*—
- Vassel, Bruno, and Kwapich. 2,759,017.
- Kwasieboriski, Andrzej K., and P. M. Wright, to Marconi's Wireless Telegraph Co. Ltd. Electrical connecting circuit arrangements. 2,762,937, 9-11-56, Cl. 307-108.
- Kwiecinski, Henry R. Tiler's gauge. 2,770,043, 11-13-56, Cl. 33-94.
- Kwikset Locks, Inc.: *See*—
- Linton, Thomas B. 2,770,480.
- Kwitt, Edwin M., and E. D. Nystrand, to Paper Converting Machine Co., Inc. Web winding machine. 2,769,600, 11-6-56, Cl. 242-56.
- Kwochka, Michael, and C. B. Gage. Filter. 2,733,815, 2-7-56, Cl. 210-164.
- Kwinn, Dolin. Ladies' handbag. 2,765,833, 10-9-56, Cl. 150-33.
- Kyame, George J., to the United States of America as represented by the Secretary of Agriculture. Method for spinning yarn from staple fiber. 2,732,682, 1-31-56, Cl. 57-58.91.
- Kyle, Hugh P.: *See*—
- Webb, Albert D., and Kyle. 2,743,158.
- Kyle, William D., Jr., to McGraw Electric Co. Lightning arrester. 2,752,522, 6-26-56, Cl. 313-231.
- Kylén, Karl E., to SKF Industries, Inc. Method of mounting pairs of initially loaded rolling bearings. 2,762,112, Cl. 56, Cl. 29-148.4.
- Kylin, Anne: *See*—
- Kylin, Hjalmar and A. 2,742,810.
- Kylin, Henrik O., to Bardons and Oliver, Inc. Electric motor control for spindle positioner. 2,753,502, 7-3-56, Cl. 215-65.
- Kylin, Hjalmar and A. Display element. 2,742,810, 4-24-56, Cl. 84-471.
- Kyllo, Herman. Tilttable front drawer panel. 2,775,501, 12-25-56, Cl. 312-320.
- Kyrklund, Gunnar. Method of generating vapour from waste oil or liquor or dregs. 2,747,552, 5-29-56, Cl. 122-31.
- Kyselka, James L., and F. A. Kent, deceased, by V. B. Kent, administratrix, 20% to R. S. Mode, and 20% to R. P. Place. Centrifugal separators. 2,752,090, 6-26-56, Cl. 233-29.
- Kyselka, James L., and F. A. Kent, deceased (by V. B. Kent, administratrix), 20% to R. S. Mode and 20% to R. P. Place. Centrifugal separators. 2,753,017, 7-17-56, Cl. 233-21.
- Kyser, Chauncey S., to General Motors Corp. Reamer. 2,747,440, 5-29-56, Cl. 77-58.
- L & B Lamp Mfg. Co.: *See*—
- Zutler, Leo H. 2,754,409.
- LCN Closers, Inc.: *See*—
- Flint, Russell C. 2,772,439.
- LKB-Produkter Fabriksaktiebolag: *See*—
- Svensson, Svante H. 2,740,319.
- Svensson, Svante H. 2,741,942.
- L & L Mfg. Co.: *See*—
- Ellis, George S. 2,737,403.
- Lewicki, Stephen. 2,744,946.
- LNL Products Co.: *See*—
- Confalone, Nicholas A. 2,733,512.
- L-O-F Glass Fibers Co.: *See*—
- Barnard, Randolph H. 2,747,006.
- Gottfurcht, Adolf. 2,763,629.
- Thompson, Henry C. 2,746,896.
- Toulmin, Harry A., Jr. 2,734,785.
- La Compagnie De Pont-A-Mousson: *See*—
- Blanchette, Hilaire, and Bolduc. 2,737,368.
- Dubé, Jean. 2,750,639.
- La Nationale S. A.: *See*—
- Zellweger, Conrad. Re. 24,163.
- Zellweger, Conrad. 2,733,567.
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- La Precision Industrielle (Société Anonyme): *See*—
- Gamet, Louis J. M. 2,767,994.
- La Societe Francaise dite Solumeta: *See*—
- Perieres, René A. 2,761,767.
- La Spirotechnique: *See*—
- Gagnan, Emile. 2,747,572.
- Gagnan, Emile. 2,767,706.
- Laban, John: *See*—
- Reld, Robert L., Laban, Archenbronn, and Slayton. 2,732,529.
- La Barre, Dwight, to Ornas and La Barre. Medicine cabinets. 2,770,345, 11-13-56, Cl. 312-227.
- La Barre, Dwight, to Ornas & La Barre. Medicine cabinets. 2,773,728, 12-11-56, Cl. 312-227.
- La Barre, Floyd, Jr., F. J. Churnell, W. D. Nagle, and A. P. Pennock, to Curtiss-Wright Corp. Propeller protractor. 2,749,623, 6-12-56, Cl. 35-180.
- La Barre, John E., to General Motors Corp. Power operated torque wrench. 2,756,622, 7-31-56, Cl. 81-52.4.
- Laben, Edward S., to General Electric Co. Refrigerator shelf construction. 2,735,741, 2-21-56, Cl. 312-351.
- La Berge, Robert W., to E. I. du Pont de Nemours and Co. Water-resistant, polymeric titanium ester-impregnated wood and method of making same. 2,750,303, 6-12-56, Cl. 117-72.
- La Berge, Robert W., to E. I. du Pont de Nemours and Co. Inhibition of moisture transmission through rigid pervious media. 2,750,307, 6-12-56, Cl. 117-123.
- Labernie, Martin N. Tire tread construction. 2,771,114, 11-20-56, Cl. 152-209.
- Labin, Emile, and P. R. R. Aigrain, to International Telephone and Telegraph Corp. Pulse communication system. 2,759,998, 8-21-56, Cl. 178-43.5.
- Labin, Frank R. Depth gliders. 2,765,573, 10-9-56, Cl. 43-43.13.
- La Bine, Paul W.: *See*—
- Harold, Raymond. 2,767,958.
- Labine, Roland A., to Package Machinery Co. Apparatus for opening wrapped bundles. 2,732,619, 1-31-56, Cl. 30-2.
- La Bolsa Tile Co.: *See*—
- Harold, Eddie D. 2,738,745.
- La Bombard, Leon E. Method and apparatus for friction between sheets. 2,764,409, 9-25-56, Cl. 271-41.
- La Bombard, Leon E., to International Paper Box Machine Co. Apparatus for folding box blanks. 2,764,918, 10-2-56, Cl. 93-49.
- La Bombard, Leon E., to International Paper Box Machine Co. Method and apparatus for folding box blanks. 2,774,286, 12-18-56, Cl. 93-49.
- Labombarde, Beatrice M.: *See*—
- Labombarde, Harold S. 2,745,378.
- Labombarde, Harold S. 2,745,665.
- Labombarde, Harold S. 2,761,362.
- Labombarde, Harold S., deceased, by B. M. Labombarde, executrix, to International Paper Box Machine Co. Adhesive applying apparatus. 2,745,378, 5-15-56, Cl. 118-257.
- Labombarde, Harold S., deceased, by B. M. Labombarde, executrix, to International Paper Box Machine Co. Suction feeding mechanism. 2,745,665, 5-15-56, Cl. 271-26.
- Labombarde, Harold S., deceased, by B. M. Labombarde, executrix, to International Paper Box Machine Co. Folding and stacking machine and method. 2,761,362, 9-4-56, Cl. 93-93.
- Labombarde, Philip D. Apparatus for securing uniform orientation. 2,734,619, 2-14-56, Cl. 198-33.
- La Bonte, Fred E. Conduit structure. 2,737,204, 3-6-56, Cl. 138-77.
- La Bonte, George T. Rotary lawn mower and edger. 2,734,325, 2-14-56, Cl. 56-25.4.
- Laboratoires Laroche-Navaron: *See*—
- Mentzer, Charles. 2,769,015.
- Laboratory Equipment Corp.: *See*—
- Schultz, Oswald C. 2,771,171.
- Laboratory for Electronics, Inc.: *See*—
- Crandell, Paul A., and Hatch. 2,759,101.
- Meyer, Maurice A. 2,743,421.
- Meyer, Maurice. 2,767,311.
- Rich, Alan L. 2,772,356.
- Wang, An. 2,769,163.
- Woolaver, Lawrence B., and Macley. 2,746,019.
- La Borde, Frank C., to the United States of America as represented by the Secretary of the Army. Extractor spring retainer for a firearm. 2,750,841, 6-19-56, Cl. 89-1.
- La Borde, Hilarid P. Vehicle having individual dumpable containers. 2,760,815, 8-28-56, Cl. 298-18.
- La Bree, Frederick H., to Illinois McGraw Electric Co. Flat-iron with anticipator. 2,744,993, 5-8-56, Cl. 219-25.
- Labrie, Joseph C. Sliding door lock. 2,744,406, 5-8-56, Cl. 70-96.
- La Briere, Nelson W., to The Hoover Co. Low height suction cleaner arrangement. 2,730,750, 1-17-56, Cl. 15-324.
- Labry, Paul Q., Jr. Cushioning attachments for wrench jaws. 2,766,449, 10-16-56, Cl. 81-180.
- La Bue, Seraphina C.: *See*—
- Malloy, Georgia M., and La Bue. 2,761,146.
- La Burthe, Pierre H. C., to Societe Anonyme des Manufactures des Glaces et Produits Chimiques de Saint Gobain. Method and arrangement in the heating of electric furnaces. 2,767,893, 9-4-56, Cl. 1-15.
- La Casse, Edward C. Pipe bender with interchangeable pipe receiving members. 2,750,823, 6-19-56, Cl. 81-15.
- Lace, Donald A., to Time-O-Matic Co. Impulse motor. 2,774,893, 12-18-56, Cl. 310-32.
- Lacey, Harold T.: *See*—
- Hein, Delton W., Waitkins, and Lacey. 2,754,294.
- Hein, Delton W., Waitkins, and Lacey. 2,765,300.
- Lacey, Harold T., to American Cyanamid Co. Sulfonated and unsulfonated imidomethyl, carboxamidomethyl and aminomethyl phthalocyanines. 2,761,868, 9-4-56, Cl. 260-314.5.
- Lacey, Hugh H., to Western Electric Co., Inc. Ventilating ducts. 2,742,926, 4-24-56, Cl. 138-38.
- Lacey, Joseph S. Home aquarium circulator and aerator. 2,744,065, 5-1-56, Cl. 210-16.
- Lacey, Richard N., to The Distillers Co. Ltd. Production of uracil from uracilone. 2,758,994, 8-14-56, Cl. 260-244.
- Lacey, Richard N., to The Distillers Co. Ltd. Process for the production of unsaturated ketones. 2,766,289, 10-9-56, Cl. 260-595.
- Lach, Robert E.: *See*—
- Judson, Albert L., and Lach. 2,744,573.
- Lach, Robert E., to J. Spring tooth combs. 2,748,783, 6-5-56, Cl. 132-155.

- Lachenmayer, Roman A. Paint pail holder. 2,747,825, 5-29-56, Cl. 248-210.
- Lacher, John M., to Lacher-Seline, Inc. Self-closing cap for collapsible tubes and the like. 2,738,907, 3-20-56, Cl. 222-490.
- Lacher-Seline, Inc.; *See—*
- Lacher, John M. 2,738,907.
- Lachmann, Gunter, to Voliglander Aktiengesellschaft. Twin-lens reflex camera. 2,741,964, 4-17-56, Cl. 95-44.
- Lachmann, Gustav V., to Handley Page Ltd. Outer surfaces for craft moving in one fluid. 2,742,247, 4-17-56, Cl. 244-130.
- Lackey, Clemett H.; *See—*
- Ellis, Norman S., and Lackey. 2,735,962.
- Lackinger, Frank P. Fluid pickup. 2,767,736, 10-23-56, Cl. 137-574.
- Lackner, Robert V. Induction heating apparatus. 2,747,068, 5-22-56, Cl. 219-1075.
- Lackner, Robert V., to Lufus Engineering Corp. Electrical induction heating coil and method of production. 2,757,265, 7-31-56, Cl. 219-1041.
- Lackner, Robert V., to Loftus Engineering Corp. Laminated metal liner for induction coils. 2,759,087, 8-14-56, Cl. 219-1079.
- Lacks, Harold G. Method of knitting garments. 2,740,275, 4-3-56, Cl. 66-9.
- Laclede-Christy Co.; *See—*
- Barr, William W., and Maddox. 2,762,217.
- Keihres, Charles V., and Cook. 2,741,401.
- La Coste, Edna M., administratrix; *See—*
- La Coste, Patrick A. 2,742,792.
- La Coste, Patrick A., deceased; E. M. La Coste, administratrix of said P. A. La Coste. Vehicle speed regulators. 2,742,792, 2-24-56, Cl. 15-10.
- La Coste, Victor A., to Monsanto Chemical Co. Apparatus for caking catalyst bed. 2,745,722, 5-15-56, Cl. 23-288.
- La Coste, Edmond, to Société à Responsabilité Limitée dite: Caris-Creation. Lady's handbag fastening. 2,740,447, 4-3-56, Cl. 19-30.
- Lacroix, Louis, to G. Vuagnat. Process for the preparation of copals for use in the production of lacquers and varnishes. 2,753,331, 7-3-56, Cl. 260-107.
- Lacy, George L., to Loe Dobeckman Co. Laminated thread. 2,772,994, 12-1-56, Cl. 154-53.6.
- Lacy Oil Tool Co.; *See—*
- Delahay, Raymond D. 2,745,660.
- Lacy, Roy, deceased, by Farmers and Merchants National Bank of Los Angeles, executor, and C. V. McClintock, deceased, by H. C. McClintock, executrix, and J. D. Rossier, to Pearne & Lacy Machine Co. Multiple mold handling mechanism for clay pipe forming machines. 2,762,104, 9-11-56, Cl. 25-39.
- Ladd, Allan L., and M. L. Speckman. Drier. 2,745,193, 5-15-56, Cl. 34-102.
- Ladd, Elbert C., to United States Rubber Co. Vulcanization of rubber with hexachlorocyclopentadiene. 2,732,362, 2-24-56, Cl. 260-41.5.
- Ladd, Elbert C., to United States Rubber Co. Partially dechlorinated hexachlorocyclopentadiene. 2,732,409, 1-24-56, Cl. 260-648.
- Ladd, Elbert C., to United States Rubber Co. Compounding butyl rubber. 2,744,879, 5-8-56, Cl. 260-41.5.
- Ladd, Horace P.; *See—*
- Christian, Moss B., and Ladd. 2,761,804.
- Ladd, John M., to General Box Co. Pallet box. 2,738,092, 3-13-56, Cl. 217-12.
- Laddon, Isaac M., and T. P. Hall, to Consolidated Vulte Aircraft Corp. Bomb storing assembly. 2,766,660, 10-16-56, Cl. 89-1.5.
- Lade, Edward O., to The Electric Storage Battery Co. Terminal connector for wire cable. 2,737,638, 3-6-56, Cl. 339-273.
- Lademan, Elinor S.; *See—*
- Elslager, Edward F., Short, and Lademan. 2,731,470.
- Ladewig, Archie, Co.; *See—*
- Ladewig, Archie E., to Archie Ladewig Co. Bottle washer. 2,774,361, 12-18-56, Cl. 134-74.
- Ladish Co.; *See—*
- Kessler, Joseph S. 2,730,992.
- Somes, Howard E. 2,740,095.
- Ladner, Franklin N. Turret type cigarette lighter. 2,729,959, 1-10-56, Cl. 67-7.1.
- Ladson, Russell A. Weatherstrip. 2,741,002, 4-10-56, Cl. 20-46.
- Lady, William T., and T. M. Leonard. Body cavity examining instrument. 2,746,450, 5-22-56, Cl. 128-6.
- Laemmel, Charles H., to The Sheffield Corp. Threading machine having spindle feed means and spindle return means. 2,769,991, 11-13-56, Cl. 10-39.
- Lafarge, Bernard N. Container closures. 2,748,974, 6-5-56, Cl. 220-43.
- Lafaye, Jacques M. P.; *See—*
- Vorburger, René E., and Lafaye. 2,746,565.
- Lafferty, Edward C., and W. O. Vazzell, to Kelsey-Hayes Wheel Co. Multiple slip ring joint. 2,774,831, 12-18-56, Cl. 200-24.
- Lafferty, Grant J.; *See—*
- Hodge, Edward B., and Lafferty. 2,742,395.
- Lafferty, James M.; *See—*
- Lawton, Elliott J., and Lafferty. 2,733,348.
- Lafferty, James M., to General Electric Co. Color switching circuits for reflector type color television tube. 2,741,526, 4-10-56, Cl. 315-14.
- Lafferty, James M., to General Electric Co. Color television apparatus and methods. 2,741,720, 4-10-56, Cl. 315-13.
- Lafferty, Raymond E., and Lafferty. 2,751,585.
- Lafferty, Raymond E., to Radio Corp. of America. Magnetic recording. 2,767,254, 10-16-56, Cl. 179-100.2.
- Lafferty, Vincent C., to Western Electric Co., Inc. Apparatus for testing articles. 2,748,346, 5-29-56, Cl. 324-73.
- Laffitte, Jean. Door control for refrigerators. 2,736,598, 2-28-56, Cl. 292-338.
- Laffitte, Theodore J.-B., to Bendix Aviation Corp. Starting devices for combustion engines. 2,771,780, 11-27-56, Cl. 74-7.
- Lafin, Leroy H.; *See—*
- Norberg, Oscar E., and Lafin. 2,747,773.
- La Fond, Louis A. Apparatus for cooking and serving foods. 2,742,850, 4-24-56, Cl. 99-446.
- Lafosse, Victor R. F. J. Air spirit levels. 2,755,561, 7-24-56, Cl. 33-1.
- Laumas, Paul, and J. Aboulenc, to Société des Usines Chimiques Rhone-Poulenc. Lysidine salts. 2,732,381, 1-24-56, Cl. 260-309.6.
- Lager, Earl W.; *See—*
- Holm, Ralph L., Dalglish, Lager, Beer, and Maloney. 2,754,073.
- Laggren, Carl J. Combination tool. 2,728,989, 1-3-56, Cl. 33-88.
- Lagin, Herbert. Lamp shade mounting means. 2,770,718, 11-13-56, Cl. 240-148.
- La Groteria, Julius K. Sunshade for playpens. 2,756,760, 7-31-56, Cl. 133-20.
- Laguilherre, Pierre R. Method and device for pasteurizing or sterilizing solid or semi-liquid products. 2,732,808, 1-24-56, Cl. 99-212.
- Laгуzzi, Mario, to Poirette Corsets, Inc. Pantie girdle. 2,752,599, 7-3-56, Cl. 2-37.
- Lahaye, Eugene L., to Hartford National Bank and Trust Co. High frequency coil. 2,757,346, 7-31-56, Cl. 336-136.
- La Hayne, Richard D. Adjustable beam and form clamp. 2,761,475, 9-4-56, Cl. 144-291.
- La Hirt, Paul. Change speed attachment. 2,732,622, 1-24-56, Cl. 32-23.
- Lahman, Fritz. Stack mover trailer. 2,761,577, 9-4-56, Cl. 214-506.
- Lahoda, Alfred, to Gesellschaft fuer Linde's Eismaschinen A.-G. Double attachment. 2,775,211, 12-25-56, Cl. 108-175.
- Lahr, Harold R., to United Air Lines, Inc. Navigational computers. 2,775,404, 12-25-56, Cl. 235-61.
- Lahr, Paul H., to Union Carbide and Carbon Corp. Tobacco and gum delivery. 2,759,858, 9-21-56, Cl. 13-147.
- La Hue, Philip M., to Minneapolis-Honeywell Regulator Co. Phase advancing condition sensing apparatus. 2,750,556, 6-12-56, Cl. 323-123.
- Laico, Joseph P., to Bell Telephone Laboratories, Inc. Manufacturing of traveling wave tubes. 2,772,939, 12-4-56, Cl. 316-18.
- Laidig, Alfred H., to Westinghouse Electric Corp. Reflector type incandescent or gas discharge-electroluminescent lamp. 2,757,300, 7-31-56, Cl. 313-3.
- Laidlaw, Frank G.; *See—*
- Talbot, Leonard L., and Laidlaw. 2,753,665.
- Laiming, Harry J., to the United States of America as represented by the Secretary of the Navy. Shaft positioning device. 2,775,127, 12-25-56, Cl. 74-10-29.
- Laing, Kenneth M.; *See—*
- Fitzgerald, John V., Bachman, and Laing. 2,752,506.
- Fitzgerald, John V., and Laing. 2,745,284.
- Laing, Kenneth M., to Pittsburgh Plate Glass Co. Graduated glassware and method of making. 2,752,785, 7-3-56, Cl. 73-323.
- Laing, Nikolaus. Sequentially feeding brush holder for commutator type electrical machines. 2,775,717, 12-25-56, Cl. 310-246.
- Lair, Robert P.; *See—*
- Kramer, Ernest H. 2,767,793.
- Laird, Alfred W., to Western Electric Co., Inc. Methods of and systems for producing heat-treating gases. 2,751,362, 6-10-56, Cl. 252-373.
- Laird, Hubert C., to Crane Co. Construction and method for valves under pressure. 2,746,470, 5-22-56, Cl. 137-15.
- Laird, Hubert C., to Crane Co. Reversible seal valve. 2,767,730, 10-23-56, Cl. 137-329.02.
- Laird, Hubert C., and K. B. Brodschneider, to Crane Co. Safety mold chamber for arc melting furnaces. 2,761,002, 8-28-56, Cl. 13-9.
- Laird, Ian A., to Vanant Products, Inc. Double packaging and cushioning strip. 2,750,032, 6-12-56, Cl. 206-62.
- Laird, John J., to Joseph Lucas (Industries) Ltd. Sparking plugs for internal combustion engines. 2,734,143, 2-7-56, Cl. 313-131.
- Laird, John A., to Joseph Lucas (Industries) Ltd. Electric spark ignition apparatus. 2,748,318, 5-29-56, Cl. 315-180.



- Laithwaite, Eric R. : *See*—  
Williams, Frederic C., Kilburn, and Laithwaite.  
2,755,996.
- Lakata, George D. : *See*—  
Wimmer, Ernest L., and Lakata. 2,775,540.
- Lake, Douglas E. : *See*—  
Gardner, Albert A., Lake, and Potts. 2,746,999.
- Lake, Ernest T., and R. R. Hardgrove. Telescope sight mount for firearms with elevation and windage adjustment means. 2,774,142, 12-18-56, Cl. 33-50.
- Lake, George R. : *See*—  
Carver, Harold E., and Lake. 2,773,006.
- Lake, Harry E., to Preferred Utilities Mfg. Corp. Hydrocarbon burner head. 2,765,842, 10-9-56, Cl. 158-76.
- Lake, Harry G., to the United States of America as represented by the Secretary of the Air Force. Dielectric test box and auxiliary switch box. 2,749,513, 6-5-56, Cl. 32-4-65.
- Lake, Joseph R. : *See*—  
Whipple, Stiles R., and Lake. 2,759,292.
- Lake, William C. : *See*—  
Adcock, Willis A., and Lake. 2,767,058.
- Lake, William C., and Lake. 2,767,059.
- Lake, William C., to General Electric Co. Glow type thermal switch. 2,740,861, 4-3-56, Cl. 200-113.5.
- Lakeside Laboratories, Inc. : *See*—  
Biel, John H. 2,746,964.  
Biel, John H. 2,746,965.  
Biel, John H. 2,746,966.  
Biel, John H. 2,746,967.
- Lakewood Mfg. Co. : *See*—  
Peplin, Stephen C. 2,774,345.
- Lakey, Frank J., and J. Ulakovic. Retractable traction and antiskid device for vehicles. 2,747,691, 5-29-56, Cl. 188-4.
- Lakin, Adele, to Archer Mills, Inc. Display device. 2,745,556, 5-15-56, Cl. 211-45.
- Lakin, Paul C. : *See*—  
Bliss, Joseph A., Lakin, Maxwell, and Schoch. 2,758,258.
- Lakner, John F., to the United States of America as represented by the United States Atomic Energy Commission. Process for producing steel by electroforming and carburization. 2,758,950, 8-14-56, Cl. 148-19.
- Lakso Co. Inc., The : *See*—  
Lakso, Eino E. 2,752,071.
- Lakso, Eino E., to The Lakso Co. Inc. Article counting and transferring apparatus. 2,752,071, 6-26-56, Cl. 222-277.
- Lakso, Eino H., to Sterling Drug Inc. Foil covered ampoule. 2,760,630, 8-28-56, Cl. 206-56.
- Lakso, Eino E. Counting and stacking tablets. 2,772,792, 12-4-56, Cl. 214-7.
- La Lande, William A., Jr., to The Pennsylvania Salt Mfg. Co. Lumps of salts. 2,760,858, 8-28-56, Cl. 71-2-2.
- La Lande, William A., Jr., and I. Mockrin, to The Pennsylvania Salt Mfg. Co. Process of treating cast iron with iron-fluorine compounds. 2,750,279, 6-12-56, Cl. 75-53.
- La Lande, William A., Jr., G. M. Knorr, and M. E. Aeugle. Benzene hexachloride production. 2,758,077, 8-7-56, Cl. 204-169.
- La Lande, William A., Jr., G. M. Knorr, and M. E. Aeugle. Benzene hexachloride production. 2,758,078, 8-7-56, Cl. 204-163.
- Lall, Karl J., and B. B. Cary, to Hayes Industries, Inc. Air extrusion machine and construction and method of making the same. 2,731,193, 1-17-56, Cl. 230-117.
- Lalli, Romeo A. Device for stretch forming metal sheets, and having a sheet metal die. 2,752,982, 7-3-56, Cl. 153-32.
- Lally Column Co. : *See*—  
Strehlan, George E. 2,768,520.
- Lally, John P., Jr. : *See*—  
Bertrand, Irvin. 2,774,838.
- Lally, Mildred B. : *See*—  
Bertrand, Irvin. 2,774,838.
- Lally, Robert E., and R. J. O'Hara, to Ferro Corp. Stabilized chlorine containing resins. 2,734,881, 2-14-56, Cl. 260-23.
- Laloux, Andre M. L. R., to Fabrique Nationale d'Armes de Guerre. Wad for cartridge. 2,773,451, 12-11-56, Cl. 102-95.
- Lam, Shek Y. : *See*—  
Larsen, Rudolph H., and Lam. 2,773,041.
- Lamac Process Co. : *See*—  
Suerken, Maxwell C. 2,745,123.  
Suerken, Maxwell C. 2,760,569.  
Suerken, Maxwell C. 2,772,428.
- Lamanna, Stephen A., to American Cyanamid Co. Production of non-caking coppers. 2,771,342, 11-20-56, Cl. 23-126.
- Lamar, Charles C.,  $\frac{1}{4}$  to P. S. Harper,  $\frac{1}{4}$  to C. L. Harper,  $\frac{1}{4}$  to Harris Trust and Savings Bank, as trustee of The P. S. Harper Trust, and  $\frac{1}{4}$  to said Harris Trust and Savings Bank, as trustee of The C. L. Harper Trust. Gas valves. 2,765,809, 10-9-56, Cl. 137-625.12.
- Lamar, Charles C.,  $\frac{1}{4}$  to P. S. Harper, and  $\frac{1}{4}$  to C. L. Harper,  $\frac{1}{4}$  to Harris Trust and Savings Bank, trustee for a trust known as The Philip S. Harper Trust, and  $\frac{1}{4}$  to Harris Trust and Savings Bank for a trust known as The Carolyn L. Harper Trust. Gas valve. 2,770,253, 11-13-56, Cl. 137-625.32.
- La Mar, Delbert, to Food Machinery and Chemical Corp. The machine and joint construction for filling machines. 2,759,745, 8-21-56, Cl. 287-101.
- Lamb, Alan W. Toy parachute. 2,761,242, 9-4-56, Cl. 46-86.
- Lamb, Catherine : *See*—  
Hersberg, Emanuel B., and Lamb. 2,769,020.
- Lamb, Charles A., to Lamb Rubber Corp. Inflatable diaphragm for hydraulic presses. 2,762,395, 9-11-56, Cl. 137-791.
- Lamb, Dana S., trustee : *See*—  
Facer, Leroy H. 2,739,885.  
Facer, Leroy H. 2,739,886.  
Facer, Leroy H. 2,740,115.  
Facer, Leroy H. 2,740,116.
- Lamb, David R. : *See*—  
Alexander, Peter, and Lamb. 2,773,777.
- Lamb Electric Co., The : *See*—  
Spielman, Milton H. 2,748,301.
- Lamb, Ernest P., to Chrysler Corp. Ventilated engine compartment. 2,733,772, 2-7-56, Cl. 180-69.
- Lamb, F. Joseph, Co. : *See*—  
Kay, John G., and Rye. 2,744,612.
- Lamb, Francis J. Condiment holders. 2,754,035, 7-10-56, Cl. 222-501.
- Lamb, Frank H., to Ovalstrapping Inc. Gripping mechanisms for wire-tying machines. 2,743,081, 4-24-56, Cl. 294-51.
- Lamb, Fredrick S., and H. E. Hermanson, to General Electric Co. Key terminal connector. 2,730,689, 1-10-56, Cl. 339-145.
- Lamb, George E., to Lamb-Grays Harbor Co., Inc. Sheet spreading conveyor. 2,745,538, 5-15-56, Cl. 198-34.
- Lamb-Grays Harbor Co., Inc. : *See*—  
Gustafson, George W. 2,770,211.
- Lamb, George E. 2,745,538.
- Lamb, John, to Shell Development Co. Suction box. 2,765,151, 10-2-56, Cl. 257-198.
- Lamb, Joseph C. Hygienic sanitary fountain. 2,768,624, 10-30-56, Cl. 128-227.
- Lamb, Raymond J. : *See*—  
Fessler, Frank. 2,762,375.
- Lamb, Roger M., to The International Nickel Co., Inc. Method for making improved gray cast iron and product produced thereby. 2,734,822, 2-14-56, Cl. 75-123.
- Lamb Rubber Corp. : *See*—  
Lamb, Charles A. 2,762,395.
- Lamb, Sidney A. : *See*—  
Ackroyd, Norvik, and Lamb. 2,752,386.  
Harvey, Philip G., and Lamb. 2,752,395.  
Taylor, Arthur W. C., and Lamb. 2,750,419.
- Lamb, William X., Jr. : *See*—  
Andrews, Gilman B., De Voll, and Lamb. 2,729,815.
- Lambach, Fritz, to Robert Reiner Inc. Embroidery machine. 2,760,454, 8-28-56, Cl. 112-102.
- Lambek, Raymond P. : *See*—  
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- Lambers, Harry. Solution dispenser. 2,771,346, 11-20-56, Cl. 23-771.
- Lambert, Arthur : *See*—  
Goodman, Isaac, Lambert, Smith, and Williams. 2,762,787.
- Lambert, Arthur, to Imperial Chemical Industries Ltd. New asymmetric diphenyl methanes. 2,732,406, 1-24-56, Cl. 260-619.
- Lambert, Arthur, to Imperial Chemical Industries Ltd. Cycloalkylated bis-phenol derivatives. 2,734,924, 2-14-56, Cl. 260-619.
- Lambert, Arthur, and G. E. Williams, to Imperial Chemical Industries Ltd. New diarylmethane derivatives, their manufacture and application. 2,732,407, 1-24-56, Cl. 260-619.
- Lambert, Arthur, and B. N. Leyland, to Imperial Chemical Industries Ltd. Rubbers stabilized by a bis (2-hydroxy-3-alkyl-cycloalkyl-5-methylphenyl)-methane or salts thereof. 2,748,096, 5-29-56, Cl. 260-297.
- Lambert, Arthur, and B. N. Leyland, to Imperial Chemical Industries Ltd. Natural and synthetic rubber containing as antioxidants di(hydroxy-3,5-hydrocarbon-substituted-phenyl) methane and its salts. 2,755,272, 7-17-56, Cl. 260-45,95.
- Lambert Brake Corp. : *See*—  
Kershner, Osborn A. 2,760,615.  
Lambert, Homer T., Myers, and Kershner. 2,731,114.  
Lucker, Millard B. 2,732,042.  
Lucker, Millard B., and Myers. 2,730,203.  
Myers, Claude R. 2,732,036.  
Myers, Claude R. 2,733,780.
- Lambert, Charles W. Occupant steered vehicle provided with alternately usable wheels and runners. 2,743,112, 4-24-56, Cl. 280-9.
- Lambert, Donald R., to Powers-Samas Accounting Machines Ltd. Apparatus for defining characters on impression-receiving material. 2,773,443, 12-11-56, Cl. 101-93.
- Lambert, Donald R., and C. T. A. Jones, to Powers-Samas Accounting Machines Ltd. Counters. 2,744,685, 5-8-56, Cl. 235-92.
- Lambert, Donald R., and R. N. Piper, to Powers-Samas Accounting Machines Ltd. Record comparison mechanism for statistical machines. 2,761,623, 9-4-56, Cl. 235-61.7.
- Lambert Engineering Co. : *See*—  
Wells, Willis L. 2,743,623.
- Lambert, Harry, and W. O. Mosher, to Royal McBee Corp. Automatic stop control mechanism. 2,756,860, 7-31-56, Cl. 137-147.
- Lambert, Harry L., to Royal McBee Corp. Variable speed pulley and belt driving mechanism. 2,749,762, 6-12-56, Cl. 74-242.4.

- Lambert, Homer T., C. R. Myers, and O. A. Kershner, to Lambert Brake Corp. Fluid-operated brake and cushioning means therefor. 2,731,114, 1-17-56. Cl. 188-152.
- Lambert, Pierre C. : *See* Kilian, Henry C.
- Kilian, Henry C. : *See* Lambert, Pierre C.
- Lambert, Pierre T., C. Williamson, and W. W. Kraft, to The Lummus Co. Tank reactor. 2,760,850, 8-28-56. Cl. 23-285.
- Lambert, Ray. Grounded grid radio tube circuits. 2,736,777, 2-28-56. Cl. 179-171.
- Lambert, Reuben B. Flashlight switch. 2,769,896, 11-6-56. Cl. 240-10.6.
- Lambert, Robert D. : *See* Clark, James D. A. and Lambert.
- Clark, James D. A. and Lambert. 2,749,576.
- Lambert, Robert D., to Changewood Corp. Method and means for felting fibrous elements. 2,770,844, 11-20-56. Cl. 19-155.
- Lamberton, Jean : *See* Perrin, René and Lamberton.
- Perrin, René and Lamberton. 2,750,280.
- Lamberton, Ralph E., to The Jaeger Machine Co. Rotary compressor. 2,739,758, 3-27-56. Cl. 230-207.
- Lamberton, Robert A. Filter for aquaria. 2,737,490, 3-6-56. Cl. 210-16.
- Lambie, James M., to Pittsburgh Plate Glass Co. Method for forming refractory bodies. 2,757,432, 8-7-56. Cl. 25-156.
- Lambrecht, Joseph A., to Union Carbide and Carbon Corp. Herbiocide. 2,765,224, 10-2-56. Cl. 71-2.6.
- Lambrou, William G. : *See* Deedman, Alfred R. and Lambrou.
- Deedman, Alfred R. and Lambrou. 2,730,801.
- Lamburd, Cecil A. : *See* Howlett, John, and Lamburd.
- Howlett, John, and Lamburd. 2,766,192.
- Lamina Dies and Tools, Inc. : *See* Henkel, Ferdinand J.
- Henkel, Ferdinand J. 2,735,233.
- Lamm, John, 1/2 to R. J. Lamm. Trowel and hopper. 2,750,789, 6-19-56. Cl. 72-128.
- Lamm, Lewis J., to General Motors Corp. Power supply for electrostatic spray painting. 2,742,600, 4-17-56. Cl. 321-2.
- Lamm, Lewis J., to General Motors Corp. Apparatus for electrostatic spray coating. 2,773,472, 12-11-56. Cl. 18-51.
- Lamm, Robert J. : *See* Lamm, John.
- Lamm, John. 2,750,789.
- Lamm, Uno, to Allmänna Svenska Elektriska Aktiebolaget. Means for voltage regulation by aid of an exciter. 2,774,031, 12-11-56. Cl. 322-2.
- Lamm, Uno, and E. Uhlmann, to Allmänna Svenska Elektriska Aktiebolaget. Control means for static current converters. 2,774,012, 12-11-56. Cl. 315-148.
- Lammarr, Ernst, and H. Rambauser, to Aktiengesellschaft für Unternehmungen der Eisen- und Stahlindustrie. Fluid transmission with subsequent multi-speed change gear transmission. 2,729,980, 1-10-56. Cl. 74-359.
- Lammertse, Robert J. : *See* Curt, Mark L. and Lammertse.
- Curt, Mark L. and Lammertse. 2,750,517.
- Lammert, Ernst, to Fried. Krupp Lokomotivfabrik. Power transmission for vehicles, particularly rail vehicles with individual axle drive. 2,744,421, 5-8-56. Cl. 74-665.
- Lamon, David E. : *See* Wendshuh, Herbert L. and Lamon.
- Wendshuh, Herbert L. and Lamon. 2,729,112.
- Lamont, John, to Western Electric Co., Inc. Test fixture for relays. 2,768,346, 10-23-56. Cl. 324-28.
- Lamont, Neil : *See* Hopper, Robert J. and Lamont.
- Hopper, Robert J. and Lamont. 2,751,167.
- LaMorder, John B. Orthopedic appliance. 2,749,628, 6-12-56. Cl. 36-71.
- La Motte, Charles V. B. Water demineralizer. 2,751,081, 6-19-56. Cl. 210-24.
- Lamoureux, Edward R., and B. N. Pierce, to The Merrow Machine Co. Feed control for shirring mechanism. 2,769,417, 11-6-56. Cl. 112-209.
- Lamoureux, Paul J., to Montreal Architectural Iron Works, Ltd. Aluminum slitting apparatus. 2,766,511, 10-16-56. Cl. 29-70.
- Lampatzer, Karl : *See* Ley, Hellmut, Stenger, Werner, and Lampatzer.
- Ley, Hellmut, Stenger, Werner, and Lampatzer. 2,758,949.
- Lampe, Ferdinand : *See* Johansson, Adolf, Hettler, Lampe, and Wolf.
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- Lampert, Adalbert J. : *See* Cochran, Charles W. and Lampert.
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- Lampert, Murray A. : *See* Goldstein, Ladislav, Lampert, and Heney.
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- Lampert, Sadie, to Farmers Inc. Attachable handled baskets. 2,758,740, 8-14-56. Cl. 217-125.
- Lampkowitz, Paul. Adjustable elastic waist for trousers and other garments. 2,749,556, 6-12-56. Cl. 2-237.
- Lampman, James A., to Northrop Aircraft, Inc. Method and means of molding. 2,739,350, 3-27-56. Cl. 18-45.
- Lampo, Ciro S. : *See* Drew, John, and Lampo.
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- Lamprecht, Joseph. Air core drill. 2,730,335, 1-10-56. Cl. 285-72.
- Lampton, Glen T., and E. Martin, to North Aircraft Corp. Method of making propeller blades. 2,764,803, 10-2-56. Cl. 29-156.8.
- Lamson Corp. : *See* Kirk, John R.
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- Lamy, Carl J. Fountain pen structure. 2,756,722, 7-31-56. Cl. 420-52.
- Lamy, René L., to Société du Carburateur Zenith. Electric ignition control in starting devices for turbo-engines. 2,730,862, 1-17-56. Cl. 60-39.14.
- Landard Corp. : *See* Zimmerman, Edward C.
- Zimmerman, Edward C. 2,762,570.
- Lancashire Felt Co. Ltd. The : *See* Jones, George R.
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- Lancaster, Earl B. : *See* Jones, Edwin P., and Lancaster.
- Jones, Edwin P., and Lancaster. 2,754,213.
- Lancaster, John T. Garment hanger. 2,761,599, 9-4-56. Cl. 223-92.
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- Lance, Harold E., to Temprite Products Corp. Carbonating apparatus. 2,735,370, 2-21-56. Cl. 103-118.
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- Lance, Inc. : *See* McCullough, Lewell O., and Skinner.
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- Lance, Orville P. : *See* Neighbour, Leonard B., and Lance.
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- Lancor, Joseph : *See* Consolidated Engineering Corp.
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- Lancour, Lawrence. Lawn edgers. 2,745,331, 5-15-56. Cl. 97-227.
- Land, Edwin H., to Polaroid Corp. Photographic apparatus for processing means. 2,740,543, 4-3-56. Cl. 95-13.
- Land, Edwin H., to Polaroid Corp. Photographic processes for producing prints by transfer and products useful in connection therewith. 2,740,715, 4-3-56. Cl. 95-8.
- Land, Edwin H., to Polaroid Corp. Photographic image transfer process. 2,759,825, 8-21-56. Cl. 95-88.
- Land, Edwin H., to Polaroid Corp. Process for forming print-receiving elements. 2,765,240, 10-2-56. Cl. 117-34.
- Land, Edwin H., to Polaroid Corp. Photographic apparatus. 2,768,664, 10-2-56. Cl. 95-13.
- Land, Edwin H., and O. E. Wolf, to Polaroid Corp. Collapsible liquid-carrying container. 2,750,075, 6-12-56. Cl. 222-94.
- Land, Edwin H., and M. M. Morse, to Polaroid Corp. Photographic silver halide transfer process. 2,774,667, 12-18-56. Cl. 96-29.
- Land, William M., Jr., and W. T. Meyer, to Union Carbide and Carbon Corp. Polyethylene modified with anti-arc agent. 2,737,502, 3-4-56. Cl. 260-23.
- Land, Arthur J. : *See* Catlin, Robert T., Hamann, and Land.
- Catlin, Robert T., Hamann, and Land. 2,759,185.
- Landau, Irving J. Height measuring device. 2,736,100, 2-23-56. Cl. 33-169.
- Landau, Ralph : *See* Brown, David, Colton, and Landau.
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- Landau, Ralph, to Chempatents, Inc. Process for the oxidation of ethylene. 2,752,362, 6-26-56. Cl. 260-348.5.
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- Selman, Roland W., Jr., and Landeract. 2,736,654.
- Landes, Homer A., to Radio Corp. of America. Nozzle for removing adherent materials. 2,758,423, 8-14-56. Cl. 51-11.
- Landee, Robert W. : *See* Green, David J., Landee, and Johnson.
- Green, David J., Landee, and Johnson. 2,734,944.
- Landell, Stanford, to General Motors Corp. Wheel cover. 2,772,924, 12-4-56. Cl. 301-37.
- Landells, George : *See* Cockett, Sydney R., Evans, and Landells.
- Cockett, Sydney R., Evans, and Landells. 2,774,690.
- Landenberger, J. W., & Co. : *See* Luchs, Morton G.
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- Landenberger, Eric : *See* Nelson, Noral A., and Landenberger.
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- Lander, Horace N., to Metal Hydrides Inc. Method for purifying metal halides. 2,770,526, 11-13-56. Cl. 23-90.
- Lander, James G., to Diamond Alkali Co. Silicate glass adhesives. 2,747,111, 11-27-56. Cl. 106-79.
- Landerer, Hugo, to Sperry Rand Corp. Solenoid clutch assembly. 2,757,768, 8-7-56. Cl. 192-67.
- Landers, Frary & Clark : *See* Kircher, Paul J.
- Kircher, Paul J. 2,750,162.
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- Russell, William J. 2,734,539.
- Landes, Charles W. : *See* Wilcox, E., Decker, and Landes.
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- Landes, Chester G., and W. F. Reynolds, Jr., to American Cyanamid Co. Sized waterlaid glass fiber products and process of preparing the same. 2,758,026, 8-7-56. Cl. 92-3.
- Landes, John T. : *See* Varney, Bruce, Scholes, and Landes.
- Varney, Bruce, Scholes, and Landes. 2,739,895.
- Landgraber, Fred A., Sr., to Drumstick, Inc. Confection coating apparatus. 2,769,423, 11-6-56. Cl. 118-2.
- Landgraber, Fred A., Sr., and J. M. Tolpa, to Tolan Machine Co., Inc. Extractor. 2,750,871, 6-19-56. Cl. 99-302.
- Landgraf, George F., to Trilon, Inc. Method and apparatus for cleaning air or gas laden with oil mists. 2,742,974, 4-24-56. Cl. 183-7.



- Landholt, Elmer C., to McDonnell Aircraft Corp. Latch mechanism. 2,750,217, 6-12-56, Cl. 292-97.
- Lane, George G., and H. S. Payne, to The Lincoln Electric Co. Apparatus for continuous arc welding. 2,748,236, 5-29-56, Cl. 219-8.
- Landis, George G., and H. S. Payne, to The Lincoln Electric Co. Flux hopper arrangement for submerged arc welding. 2,766,860, 10-9-56, Cl. 219-8.
- Landis, George G., and H. S. Payne, to The Lincoln Electric Co. Control system for arc-welding apparatus. 2,766,361, 10-9-56, Cl. 219-8.
- Landis & Gyr A. G.: See—
- Ogurkowski, Georges. 2,734,173.
- Widmer, Ernst. 2,755,680.
- Zamboni, Paul. 2,759,591.
- Landis, James P., to E. I. du Pont de Nemours and Co. Self-synchronous drive system. 2,768,341, 10-23-56, Cl. 318-44.
- Landis, Joseph. Dental model surveyor. 2,759,264, 8-21-56, Cl. 32-67.
- Landis Machine Co.: See—
- Berkey, Harry L. 2,767,412.
- Eyler, Roy I. 2,758,696.
- Plagemann, Werner, and Moeltzner. 2,737,833.
- Reimchissel, Charles A., and Youtz, Re. 2,42,225.
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- Stottlenyer, John R. 2,757,391.
- Landis, Phillip S., to Socony Mobil Oil Co., Inc. Non-corrosive lubricating oil composition. 2,758,087, 8-7-56, Cl. 252-37.2.
- Landis Tool Co.: See—
- Balsiger, Harold E. 2,735,237.
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- Fries, John K., and Balsiger. 2,735,240.
- Landolt, Dr. A., A. G.: See—
- Balmer, Ernst. 2,757,048.
- Landolt, Esther C. Fuse testing attachment for a flashlight. 2,764,735, 9-25-56, Cl. 324-53.
- Landon, Robert K., to Strait-Line Products. Chalk line box. 2,748,218, 8-7-56, Cl. 33-87.
- Landon, Robert K., to Glas-Laminates, Inc. Plastic top construction for motor vehicles. 2,768,023, 10-23-56, Cl. 296-28.
- Landreth, Orville H., to Igloo Mfg. Co. Water dispenser. 2,763,324, 2-25-56, Cl. 223-501.
- Landrey, Francis J., to Stephens-Adamson Mfg. Co. Ship loading and trimming machine. Re. 24,113, 1-24-56, Cl. 198-128.
- Landrigan, Richard B., to The Haloid Co. Xerography developer composition. 2,753,308, 7-3-56, Cl. 252-62.1.
- Landrum, Billy, and E. L. Herbst, Jr., to The M. W. Kellogg Co. Purification of chlorofluoroolefin monomer. 2,753,379, 7-3-56, Cl. 260-653.
- Landry, Arthur B. Storm and screen doors or windows. 2,765,031, 10-2-56, Cl. 160-128.
- Landry, Henry J.: See—
- Froelich, George E. 2,769,183.
- Landry, Henry J. Convertible folding play-yard and crib constructions. 2,758,317, 8-14-56, Cl. 5-39.
- Landry, Henry J. Operating mechanism for folding the floors of folding play-yards. 2,758,318, 8-14-56, Cl. 5-39.
- Landry, Henry J., to Norton Co. Method and apparatus for feeding and dispensing particulate materials. 2,742,185, 4-17-56, Cl. 222-1.
- Landry, Jacobus M. Irrigation system by sprinkling and a sprinkler device. 2,743,958, 5-1-56, Cl. 299-18.
- Landsiedel, Walter W.: See—
- Landsiedel, Walter W. 2,733,859.
- Landsiedel, Walter W., deceased, by F. E. Landsiedel, executrix, to Sperry Rand Corp. Print suppression mechanism for calculating machines. 2,733,859, 2-7-56, Cl. 235-60.
- Landseger, Christian, and N. I. Applebaum. Ampoule attachment. 2,771,074, 11-20-56, Cl. 128-276.
- Landwehr, Louis F. Stabilizer for firearms. 2,752,714, 7-3-56, Cl. 42-75.
- Landwier, William G.: See—
- Flannery, John P., and Landwier. 2,758,718.
- Landwier, William G., to The Murray Corp. of America. Mechanism for actuating the agitator clutch of a washing machine. 2,758,479, 8-14-56, Cl. 74-79.
- Landwier, William G., to The Murray Corp. of America. Control for clutch and valve on washing machines. 2,768,533, 10-30-56, Cl. 74-471.
- Landy, Anne M., and N. Seidler. Sanitary receptacles. 2,745,405, 5-15-56, Cl. 128-286.
- Lane, Clarence A. 3-jaw universal, squared surface adapter jaws. 2,757,008, 7-31-56, Cl. 279-110.
- Lane, Claude A.: See—
- Kaiser, Harold R., Lane, and Shockey. 2,736,889.
- Lane Co., Inc.: See—
- Bibby, Ralph D. 2,730,760.
- Loflin, Grady A. 2,767,748.
- Lane, David, to Progress Mfg. Co., Inc. Fluorescent lamp socket mounting. 2,737,635, 3-6-56, Cl. 339-126.
- Lane, Earl W., to Rohm & Haas Co. Sulfonated copolymers of dicyclopentadiene and maleic anhydride which are cross-linked by sulfone groups and have cation-adsorbing properties. 2,731,426, 1-17-56, Cl. 260-2.2.
- Lane, Earl W., and W. D. Niederhauser, to Rohm & Haas Co. Bis(cyanopentenoxy)alkanes and their preparation. 2,765,333, 10-2-56, Cl. 260-465.6.
- Lane, Frank J., ½ to J. J. Domino. Trailer vestibule construction. 2,760,238, 8-28-56, Cl. 20-2.
- Lane, Frank L. Converter for mechanical pencils. 2,753,843, 7-10-56, Cl. 120-9.
- Lane, Gardiner, to St. Regis Paper Co. Carton construction. 2,770,406, 1-13-56, Cl. 223-3.5.
- Lane, Harold A., to Midwest Supply and Mfg. Co. Machine for grinding, polishing, buffing or the like. 2,748,546, 6-5-56, Cl. 51-166.
- Lane, John J., to The Guiberson Corp. Hydraulic anchor tool. 2,743,781, 5-1-56, Cl. 166-212.
- Lane, John R., to United States Steel Corp. Knife-forming means for rotary shear. 2,751,006, 6-19-56, Cl. 164-66.
- Lane, John R., to United States Steel Corp. Variable-speed drive for rotary shears. 2,764,033, 9-25-56, Cl. 74-393.
- Lane, Robert F., to United Shoe Machinery Corp. Machines for shaping to portions of stitched-down shoes. 2,756,445, 7-31-56, Cl. 12-7.8.
- Lane, Robert F., and F. L. Mooney, to United Shoe Machinery Corp. Outsole roughing machines. 2,769,328, 11-6-56, Cl. 69-6.5.
- Lane-Weils Co.: See—
- Penton, Robert E. 2,729,784.
- Gardiner, John T. 2,753,942.
- Morgan, Charles K. 2,753,943.
- Norelius, Russell G. 2,754,475.
- Turechek, George F. 2,742,857.
- Whitmore, Raymond A. 2,755,439.
- Lanes, Nathan. Rotary friction sealer. 2,757,496, 8-7-56, Cl. 53-76.
- Lang, Albert. Hold-down device for frameless window screen construction. 2,751,001, 6-19-56, Cl. 160-328.
- Lang, Albert. Hold-down device for frameless window screen. 2,757,537, 2-21-56, Cl. 160-328.
- Lang, Alfred G. Ball cock. 2,737,968, 3-13-56, Cl. 137-218.
- Lang, Anthony. Apparatus for transmitting power from a farm tractor to a jack elevator. 2,762,226, 9-11-56, Cl. 74-216.5.
- Lang, Clarence W. Auxiliary toilet seat. 2,736,905, 3-6-56, Cl. 4-239.
- Lang Co., Inc.: See—
- Jones, Alfred L. 2,764,948.
- Lang, Delmer T., to Walter Kidde-Pacific. Temperature responsive device. 2,764,651, 9-25-56, Cl. 200-140.
- Lang, Edgar M., to Hell-Coil Corp. Wire coil bolt lock. 2,745,457, 5-15-56, Cl. 151-14.
- Lang, Gregor L. Force applying mechanism. 2,762,883, 9-11-56, Cl. 200-98.
- Lang, Harry A. Counter for tape recorder. 2,756,279, 7-2-56, Cl. 179-160.2.
- Lang, Harry A., to Durax, S. A. Fuel injection nozzle for diesel engines. 2,757,967, 8-7-56, Cl. 299-107.6.
- Lang, Henry C.: See—
- Baruch, Jordan J., and Lang. 2,766,839.
- Lang, John W., Jr., to De Vry Corp. Pressure plate and lens mounting for motion picture projecting apparatuses. 2,756,628, 7-31-56, Cl. 88-17.
- Lang, Kenneth R.: See—
- Knauth, John P., and Lang. 2,740,877.
- Lang, Maxwell E. Broilers. 2,746,378, 5-22-56, Cl. 99-447.
- Lang, Otto. Emergency traction cleat. 2,746,509, 5-22-56, Cl. 23-237.
- Lang, Paul W., to Tobey Maltz Foundation, Inc. Growing figure toy. 2,741,870, 4-17-56, Cl. 46-119.
- Lang, William A.: See—
- Cook, Raymond D., and Lang. 2,738,894.
- Lang, William H.: See—
- Cutzlet, Carlos L., and Lang. 2,773,837.
- Langa, Morris M. Self-mitering effect of knitted tubular braid to form a corner. 2,752,605, 7-3-56, Cl. 2-278.
- Langbein, Gerhard, to Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius and Bruning. Pyrazolone azo-dye dyes soluble in water. 2,742,458, 4-17-56, Cl. 260-159.
- Langbein-Pfandhaus Werke A. G.: See—
- Kaiser, Rudolf. 2,733,563.
- Langbo, Georg. Winding machine for paper rolls. 2,736,508, 2-28-56, Cl. 242-56.
- Langdon, Howard H.: See—
- Buresh, Francis M., and Langdon. 2,744,294.
- Langdon, Lawrence E.: See—
- Schlenz, Harry E., and Langdon. 2,768,137.
- Langre, Carl W. Eye exercising device. 2,741,245, 4-10-56, Cl. 128-76.5.
- Langre, Carl W. Can crushing device. 2,773,536, 12-11-56, Cl. 153-10.5.
- Langre, Ferdinand, and W. Bahlens. Process for packaging goods. 2,767,533, 10-23-56, Cl. 53-29.
- Langre, George H.: See—
- Montgomery, Donald H., Pethybridge, and Langre. 2,765,916.
- Langre, Günther: See—
- Berger, Johannes, and Langre. 2,744,447.
- Berger, Johannes, and Langre. 2,748,656.
- Langre, Günther, to C. Zeiss. Three component photographic objective. 2,764,062, 9-25-56, Cl. 88-57.
- Langre, Günther, to C. Zeiss. Three element photographic objective. 2,764,063, 9-25-56, Cl. 88-57.
- Langre, Günther, and R. Richter, to Carl Zeiss. Wide aperture photographic objective comprising three air spaced components. 2,732,762, 1-31-56, Cl. 88-57.

- Lange, Harold T., to Sporlan Valve Co. Inc. Liquid-level control devices. 2,735,272, 2-21-56, Cl. 62-8.
- Lange, Howard E. Window regulator. 2,735,676, 2-21-56, Cl. 268-10.
- Lange, Karl O.: *See—*  
 Gregg, Lowell E., Lange, Alcock, and Havens. 2,754,681.
- Lange, Max H., to S. R. Morse. Method of making slide fastener chain. 2,743,513, 6-1-56, Cl. 29-410.
- Lange, William H., and H. A. Schmitt. Shore protective devices. 2,731,799, 1-24-56, Cl. 61-4.
- Langemack, Franklin J. Flucent material dispenser. 2,768,581, 10-30-56, Cl. 103-38.
- Langen, Ole H.: *See—*  
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- Langenau Mfg. Co., The: *See—*  
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- Langendorf United Bakeries, Inc.: *See—*  
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- Langer, Arthur W., Jr.: *See—*  
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- Langer, Joseph, Hill, and Langer. 2,772,221.
- Langer, Arthur W., Jr., to Esso Research and Engineering Co. Process for hydrogenating and cracking petroleum oils. 2,772,214, 11-27-56, Cl. 196-49.
- Langer, Nicholas. Heat sealing machine of the thermal impulse type and method. 2,730,161, 1-10-56, Cl. 154-42.
- Langer, Theodore W., and J. M. Russ, Jr., to Union Carbide and Carbon Corp. Noninflammable hydraulic fluids. 2,768,141, 10-23-56, Cl. 252-73.
- Langer, William M. Hosiery purse. 2,754,867, 7-17-56, Cl. 150-1.
- Langerman, Elise M. Cover for the handle of a baby coach or the like. 2,751,957, 6-26-56, Cl. 150-52.
- Langevin, Robert A., to Cleveite Corp. Cylindrical electro-mechanical transducer. 2,767,387, 10-16-56, Cl. 340-10.
- Langevin, Robert A., D. Brown, Jr., and C. H. O'Donnell, to Cleveite Corp. Electrical potential tabulating device. 2,736,006, 2-21-56, Cl. 340-183.
- Langford, Forrest L. Dotted line attachment for drafting machines. 2,743,157, 5-22-56, Cl. 32-174.
- Langford, Gilbert B., to the United States of America as represented by the Secretary of the Navy. Toggle clamp. 2,731,288, 1-17-56, Cl. 292-258.
- Langhuth, Reinhold. Pump feed oil ejector can. 2,765,963, 10-9-56, Cl. 222-255.
- Langheim, Robert: *See—*  
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- Langheim, Walter H. D., to Ingolf Felix Friedrich Emil Pauls. Sewing machine. 2,750,907, 6-19-56, Cl. 112-220.
- Langley Corp.: *See—*  
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- Langlois, David P., and R. F. Larson, to A. E. Staley Mfg. Co. Interconversion of sugars using anion exchange resins. 2,746,889, 5-22-56, Cl. 236.
- Langlois, David P., to E. J. Electrically heated mattress and cushion. 2,735,926, 2-21-56, Cl. 219-46.
- Langlykko, Asger F.: *See—*  
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- Langner, Emil, to Crane Co. Wedge valve. 2,747,833, 5-29-56, Cl. 251-196.
- Langness, Vernon. Folding hat brim. 2,743,455, 5-1-56, Cl. 2-177.
- Langos, Otto E.: *See—*  
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- Langridge, Arthur: *See—*  
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- Langsdorf, Alexander S., Jr., to the United States of America as represented by the United States Atomic Energy Commission. Piezoelectric measuring device. 2,750,520, 6-12-56, Cl. 310-6.
- Langston, Samuel M. Co.: *See—*  
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- Nichie, Charles E.: *See—*  
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- Langteau, Richard R., to Fairbanks, Morse & Co. Pump shaft indexing means. 2,733,682, 2-7-56, Cl. 116-124.
- Langworthy, Richard O., to Goodyear Aircraft Corp. Means for preventing computing errors in a multiple potentiometer computing element. 2,749,036, 6-5-56, Cl. 235-61.
- Langham, William E. Bread cooling system. 2,758,391, 8-14-56, Cl. 24-147.
- Langham, William E. Dough handling and working. 2,770,201, 11-13-56, Cl. 107-12.
- Langier, Sterling S., Jr. Extensible conveyor. 2,733,806, 2-7-56, Cl. 198-139.
- Langie, Theodore: *See—*  
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- Lankford, Harry G. Packaged disassembled housings. 2,732,936, 1-31-56, Cl. 206-65.
- Lannon, Dwight I. Railing lamp. 2,772,347, 11-27-56, Cl. 240-2.
- Lannan, Patrick E., and M. L. Snedeker, to Designers For Industry, Inc. Signal generator system and apparatus. 2,758,209, 8-7-56, Cl. 250-36.
- Lannen, Joseph P., to Micro-Poise Engineering and Sales Co. Method and machine for testing universal balance. 2,747,411, 5-29-56, Cl. 73-483.
- Lanning, William C., and R. J. Hogan, to Phillips Petroleum Co. Purification of olefin-containing hydrocarbon streams. 2,775,637, 12-25-56, Cl. 260-683.15.
- Lanninger, Karl L. Angularly tiltable, rapidly adjustable tube coupling. 2,774,617, 12-18-56, Cl. 285-71.
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 Merriman, Richard L. 2,756,271.
- Lansil, Clifford E., to The Gamewell Co. Frequency suppression filter. 2,733,414, 1-31-56, Cl. 333-77.
- Lansing, Paul J., and W. J. Krodel, to Thompson Products, Inc. Apparatus for detecting particles in fluids. 2,756,626, 7-31-56, Cl. 88-14.
- Lansky, Zdenek J., to Stewart-Warner Corp. Balancing apparatus. 2,754,685, 7-17-56, Cl. 73-468.
- Lanstrom, Carl T.: *See—*  
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- Lanstrom, Carl T., to United States Steel Corp. Collapsible spooling reel. 2,739,764, 3-27-56, Cl. 242-113.
- Lansu, Joseph P.: *See—*  
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- Lanz, Charles A.: *See—*  
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- Lanz, Heinrich Aktiengesellschaft: *See—*  
 Knolle, Wilhelm, Lentz, Lanig, and Stier. 2,742,025.
- Lanzl, Jesse M., to C. J. Bates & Son. Shipping, display, and dispensing apparatus. 2,739,700, 3-27-56, Cl. 208-44.12.
- La, Palme, Robert. Combination chair and bed. 2,754,888, 7-17-56, Cl. 155-45.
- Lapekas, Lucas, to See-Mor Truck Mirror Corp. Rear view mirror construction. 2,751,817, 6-26-56, Cl. 88-93.
- La, Perrino, Rocco D. Wheel balancer. 2,752,788, 7-3-56, Cl. 73-487.
- La Pere, Clarence A. Combined mud-guard and stone deflector for truck two-wheel assembly. 2,771,304, 11-20-56, Cl. 280-152.
- Lapham, Clarence L.: *See—*  
 Barr, Malcolm J. 2,731,240.
- Lapham, Edmund F., Jr., J. Onia, and G. S. Sirvis, to Bendix Aviation Corp. Rate meter. 2,738,925, 3-20-56, Cl. 9-1.
- Lapidus, Solomon. Commercial "S" slip forming machine. 2,747,641, 5-29-56, Cl. 153-28.
- Lapin, Aaron S., and J. W. Soffer, to Development Research, Inc. Tilt-restrictor and mechanism cover for tiltable spouts. 2,736,121, 1-3-56, Cl. 222-394.
- Lapin Products, Inc.: *See—*  
 Rosenheim, David J. 2,743,644.
- La Plante, Roland J. Lawnedge attachment for lawn mowers. 2,732,841, 7-3-56, Cl. 97-227.
- Lapointe, John W.: *See—*  
 Jenkins, Charles C., and Lapointe. 2,746,547.
- Lapointe Machine Tool Co., The: *See—*  
 Bonnafe, Oliver W. 2,770,027.  
 Bonnafe, Oliver W. 2,770,028.
- Laporte Chemicals Ltd.: *See—*  
 Holmes, William R., and Godfrey. 2,741,584.
- Laporte, Edmond. Welding apparatus. 2,748,237, 5-29-56, Cl. 219-8.
- La Porte, George C., and E. W. Taylor. Journal box lubricating system. 2,736,621, 2-28-56, Cl. 308-86.
- La Porte, George C., and E. W. Taylor. Lubricating system for journal bearings. 2,736,622, 2-28-56, Cl. 308-86.
- Laporte Titanium Ltd.: *See—*  
 Richmond, James T., and Bristow. 2,760,846.
- La Porte, Walter N., to Sun Oil Co. Catalytic reaction process. 2,742,408, 4-17-56, Cl. 196-78.
- Laposi, Anthony T.: *See—*  
 Edgecombe, David A., Evans, and Laposi. 2,749,782.
- Lappe, Wilhelm, to Firma Fritz Werner Aktiengesellschaft. Machine tool wear compensating apparatus. 2,743,967, 5-1-56, Cl. 308-3.
- Lappin, Lester S., to Radio Corp. of America. Protective circuit. 2,740,083, 3-27-56, Cl. 321-13.
- Lappin, Richard J., to The Brunswick-Balke-Collender Co. Litter. 2,757,386, 8-7-56, Cl. 5-8.
- Lappin, Robert I.: *See—*  
 Zaiger, Louis, and Lappin. 2,734,784.  
 Zaiger, Louis, and Lappin. 2,748,408.
- Lapsley, Robert, to Clark Equipment Co. Cylinder construction. 2,737,404, 3-6-56, Cl. 286-27.
- Lapsley, Robert, to Clark Equipment Co. Rotary pump or motor. 2,751,846, 6-26-56, Cl. 103-4.
- Lapsley, Robert, to Clark Equipment Co. Control system for hydraulic motor units. 2,767,550, 10-23-56, Cl. 60-97.
- Lapsley, Robert, and G. L. Turner, to Clark Equipment Co. Steering control means for electric motor driven vehicle wheels. 2,732,022, 1-24-56, Cl. 180-628.
- Laquer, Fritz, deceased, by K. M. Laquer, executrix. Sterol recovery. 2,772,297, 11-7-56, Cl. 260-397.25.
- Laquer, Kathleen M.: *See—*  
 Laquer, Fritz O. 2,772,297.
- Larach, Simon, to Radio Corp. of America. Method of applying luminescent coatings. 2,742,376, 4-17-56, Cl. 117-33.5.
- Larach, Simon, to Radio Corp. of America. Method of forming a phosphor screen. 2,774,682, 12-18-56, Cl. 117-33.5.
- Larala, Arsenio, and V. F. Sepavich, to Crompton & Knowles Loon Works. Photoelectrically controlled protection means for loom. 2,766,781, 10-16-56, Cl. 139-341.
- Larala, Caesar. Mixer. 2,766,023, 10-9-56, Cl. 259-144.
- Larcen, Jan A., to Aktiebolaget Atlas Diesel. Drill rigs or drill supporting apparatus. 2,734,723, 2-14-56, Cl. 255-51.
- Larcen, Jan A., to Aktiebolaget Atlas Diesel. Apparatus for rigging or supporting rock drills. 2,734,724, 2-14-56, Cl. 255-53.



- Larsen, Jan A., and S. L. Ytterfors, to Aktiebolaget Atlas Diesel. Controlling devices for rock drill feeding mechanisms. 2,747,610, 5-29-56, Cl. 137-620.
- Larrew, John J., and K. N. Burnett, to General Electric Co. Servomechanism. 2,733,505, 7-3-56, Cl. 318-327.
- Large, Samuel R., to General Motors Corp. Antifriction bearing seal. 2,741,500, 4-10-56, Cl. 286-5.
- Large, William E., to Westinghouse Electric Corp. Electric discharge apparatus. 2,733,234, 12-4-56, Cl. 323-24.
- Larsen, Elbert M. Hoisting attachment for tractors. 2,765,720, 10-9-56, Cl. 97-45.
- Larimore, Galen L.: *See—*
- Mathews, Benjamin H., and Larimore. 2,737,407.
- Larisch, Clifford H., to Bill Jack Scientific Instrument Co. Stabilized shock mounting. 2,756,015, 7-24-56, Cl. 248-358.
- Lariviere, Oscar, to Société dite: Saint Freres, Société Anonyme. Warp crossing means for circular weaving looms. 2,737,207, 9-6-56, Cl. 39-13.
- Lark-Horowitz, Karl, and R. M. Whaley, to Purdue Research Foundation. Alloys and rectifiers made thereof. 2,745,046, 5-8-56, Cl. 317-239.
- Larke, Walter J.: *See—*
- Ullert, Isaac A., Haldas, and Larke. 2,772,677.
- Larkin, Daniel C. Seat cover. 2,744,567, 5-8-56, Cl. 155-182.
- Larkin, Martin D. Reaction motor, compressor and burner combination. 2,762,603, 9-11-56, Cl. 253-71.
- Larkin, Sam. Lifting apparatus for upright bowling pins. 2,775,454, 12-25-56, Cl. 273-42.
- Larkin, Walter, to Fidelity Machine Co., Inc. Transfer bit, transfer bit blank and method of producing the bit. 2,730,880, 1-17-56, Cl. 66-95.
- Larky, Norbert D., to Radio Corp. of America. Automatic chroma control circuit. 2,757,229, 7-31-56, Cl. 178-54.
- Larky, Norbert D., and D. D. Holmes, to Radio Corp. of America. Color test pattern generator. 2,742,525, 4-17-56, Cl. 178-54.
- Larner, Le Roy. Plier-type crown cap remover. 2,757,561, 8-7-56, Cl. 81-344.
- La Rocca, James V.: *See—*
- La Rocca, John B., and J. V. 2,744,562.
- La Rocca, John B. and J. V., to Pioneer Mounting & Finish- ing Co. Apparatus for assembling advertising displays. 2,744,562, 5-8-56, Cl. 154-16.
- La Rocque, Joseph E.: *See—*
- Armbrust, Roy J., and La Rocque. 2,735,410.
- Larrabee, Clifford E.: *See—*
- Craig, Louis E., and Larrabee. 2,768,218.
- Larrison, John E.: *See—*
- Martin, William J., and Larrison. 2,734,230.
- La Rue, James P. Cattle squeeze chute. 2,753,685, 2-7-56, Cl. 119-93.
- Larsen, Aage K. Clothespegs. 2,756,477, 7-31-56, Cl. 24-137.
- Larsen, Aksel J. Ring forming machine. 2,754,706, 7-17-56, Cl. 80-5.
- Larsen, Aubrey A., and B. F. Tullar, to Sterling Drug Inc. The resolution and optical isomers of 6-dimethylamino-4,4-diphenyl-5-methyl-3-hexanone. 2,773,901, 12-11-56, Cl. 260-570.8.
- Larsen, Bernhard N.: *See—*
- Howland, Louis H., and Larsen. 2,757,162.
- Larsen, Carl H.: *See—*
- Gibbs, William J., and Larsen. 2,739,862.
- Larsen, Carl H., and W. J. Gibbs, to American Machine & Foundry Co. Elevating and lowering device. 2,769,676, 11-6-56, Cl. 312-306.
- Larsen, Delmar H., G. W. Cummer, and D. S. Bolley, to National Lead Co. Treatment of well-drilling fluid. 2,734,860, 2-14-56, Cl. 252-8.5.
- Larsen, Elmer W., to Western Electric Co., Inc. Machine for welding contacts onto switch parts. 2,749,419, 6-5-56, Cl. 219-4.
- Larsen, Elmer W., and J. R. Marcus, to Western Electric Co., Inc. Condenser winding machine. 2,740,592, 4-3-56, Cl. 242-56.
- Larsen, Elmer J.: *See—*
- Hertenstein, Edgar W., Jr., and Larsen. 2,765,910.
- Larsen, Franklin F. Sill construction. 2,730,209, 1-10-56, Cl. 189-34.
- Larsen, Fritz P. Alarm system or mechanism for safety boxes or the like. 2,758,296, 8-7-56, Cl. 340-280.
- Larsen, George C. Hold-down and support magnetically attachable to vise jaw. 2,740,310, 4-3-56, Cl. 81-38.
- Larsen, Gray T., and T. T. Lausten, to General Motors Corp. High voltage current control. 2,767,359, 10-16-56, Cl. 317-262.
- Larsen, Herbert J., to Bud Type Cleaner, Inc. Device having adhesive mass for cleaning type or the like. 2,736,911, 3-5-56, Cl. 15-104.
- Larsen, Herbert J., deceased, by P. H. Larsen, administrator, and G. G. Groome, to said P. H. Larsen. Process for bonding hydraulic cementitious materials. 2,760,855, 8-28-56, Cl. 117-70.
- Larsen, Johannes P. Milking machine valves. 2,755,769, 7-24-56, Cl. 119-14.46.
- Larsen, John E., to the United States of America as represented by the Secretary of the Army. Automatic valve. 2,740,424, 4-3-56, Cl. 137-508.
- Larsen, John E., to the United States of America as represented by the Secretary of the Army. Motor head joint. 2,774,508, 12-18-56, Cl. 220-46.
- Larsen, Leonard O.: *See—*
- Bingham, Darwin H., and Larsen. 2,747,648.
- Larsen, Lyle V.: *See—*
- Wissmiller, Ivan L., and Larsen. 2,731,334.
- Larsen, Lyle V., to Chicago Bridge and Iron Co. Method of constructing a field-erected vapor-storage vessel. 2,730,798, 1-17-56, Cl. 29-475.
- Larsen, Lyle V., to Chicago Bridge & Iron Co. Gas storage apparatus. 2,737,453, 3-6-56, Cl. 48-178.
- Larsen, Lyle V., to Chicago Bridge & Iron Co. Vapor storage vessel. 2,773,755, 12-11-56, Cl. 48-174.
- Larsen, Oscar F.: *See—*
- Fowler, Roland G., Frieberg, and Larsen. 2,745,601.
- Frieberg, Nelson K., and Larsen. 2,760,722.
- Larsen, Phyllis H.: *See—*
- Larsen, Herbert J., and Groome. 2,760,855.
- Larsen, Rudolph H., and S. Y. Lam, to F. Breesee, Jr., d. b. a. Balab. Deforming composition. 2,773,041, 12-4-56, Cl. 252-358.
- Larsen, Wilmer C. Tool for holding dental facings. 2,748,484, 6-5-56, Cl. 32-68.
- Larson, Algot, and H. A. Smith, to Unique Balance Co., Inc. Adjustable spring sash balance. 2,774,100, 12-18-56, Cl. 16-197.
- Larson, Alice R.: *See—*
- Dixon, Paul H. 2,755,673.
- Larson, George A. 2,743,557.
- Larson, George A. 2,763,969.
- Larson, George A. 2,772,663.
- Larson, Arnold V. G., and N. T. Flaten, to Tobin-Arp Mfg. Co. Scouring gun. 2,744,361, 5-8-56, Cl. 51-11.
- Larson, Charles O. Bracket for folding leg. 2,735,702, 2-21-56, Cl. 287-14.
- Larson, Charles O. Clamp and method of making the same. 2,737,565, 3-5-56, Cl. 144-304.
- Larson, Charles O., to Chas. O. Larson Co. One-piece sheet metal tray construction. 2,739,728, 3-20-56, Cl. 220-18.
- Larson, Charles O., to Chas. O. Larson Co. One-piece sheet metal tray construction. 2,739,733, 3-27-56, Cl. 220-62.
- Larson, Charles O. Sheet metal lock nut with yielding flange. 2,739,999, 4-24-56, Cl. 151-21.
- Larson, Charles O. Wardrobe hanger. 2,743,023, 4-24-56, Cl. 211-96.
- Larson, Charles O. Home, yard, or garden tool rack. 2,754,974, 7-17-56, Cl. 211-87.
- Larson, Charles O. Anchorage device. 2,769,606, 11-6-56, Cl. 248-1.
- Larson, Charles O. Table leg mounting bracket and latch structure therefor. 2,769,650, 11-6-56, Cl. 287-14.
- Larson, Chas. O., Co.: *See—*
- Larson, Charles O. 2,739,728.
- Larson, Charles O. 2,739,733.
- Larson, Daniel J.: *See—*
- Kenty, Carl, and Larson. 2,730,424.
- Kenty, Carl, and Larson. 2,749,462.
- Larson, Edwin B. Internal resistance brake with clutch. 2,771,967, 11-27-56, Cl. 188-91.
- Larson, Erland W.: *See—*
- Donald, Philip J., and Larson. 2,758,476.
- Larson, Erland W., to Minneapolis-Honeywell Regulator Co. Variable resistance transducer apparatus. 2,761,043, 8-28-56, Cl. 201-55.
- Larson, Fred E. Solder and process for making and using same. 2,737,712, 3-13-56, Cl. 29-503.
- Larson, George A., deceased; A. R. Larson, executrix. Electrically driven abrading devices. 2,743,557, 5-1-56, Cl. 51-170.
- Larson, George A., deceased; A. R. Larson, executrix, to A. R. Larson. Abrasive sleeve holder. 2,763,969, 9-25-56, Cl. 51-191.
- Larson, George A., deceased, A. R. Larson, executrix, to A. R. Larson. Air driven sander. 2,772,663, 12-4-56, Cl. 121-3.
- Larson, Gilbert A.: *See—*
- Cleaveland, Burton L., Englert, and Larson. 2,744,372.
- Larson, Glen M.: *See—*
- Lewis, Howard B., Larson, and Field. 2,761,592.
- Larson, Gunnar M.: *See—*
- Holm, Arman W., and Larson. 2,747,569.
- Larson, Imman L.: *See—*
- Larson, Ole T. 2,735,883.
- Larson, Russell. Saml Gabriel Sons & Co. Chance controlled magnetic pieces and board game apparatus. 2,729,451, 1-3-56, Cl. 273-134.
- Larson, Joseph P. Liquid spray device. 2,749,178, 6-5-56, Cl. 289-86.
- Larson, Leonard A. Ceiling joint sander. 2,753,669, 7-10-56, Cl. 51-187.
- Larson, Ole T. 25% to I. L. Larson. Electric fence post. 2,735,883, 2-21-56, Cl. 174-161.
- Larson, Robert H., to Du Kane Corp. Strip film projection apparatus. 2,751,815, 6-26-56, Cl. 88-28.
- Larson, Robert P.: *See—*
- Feder, Harold M., Larson, and Evans. 2,758,024.
- Larson, Roy F.: *See—*
- Langlois, David P., and Larson. 2,746,889.
- Larsson, Bjorn E., to E. I. du Pont de Nemours and Co. Method of finishing open-grained porous wood and article produced thereby. 2,734,831, 2-14-56, Cl. 117-63.
- Larsson, Gustaf, to AB Svenska Flakfabriken. Pivoted gate valve. 2,771,266, 11-20-56, Cl. 251-87.
- Larsson, Lars, to Aktiebolaget Westermaskiner. Arrangement for chopping straw from a harvester-thresher. 2,758,841, 8-14-56, Cl. 275-3.

- Larsson, Lars E. H., and K. E. N. Rydström, to Aktiebolaget C. E. Johansson. Interferometric apparatus for examining the structure of reflecting surfaces. 2,743,645, 5-1-56, Cl. 38-14.
- Larsson, Nils E. B.: *See—*  
Lundén, Bror E., Conrad, Larsson, and Airas. 2,761,655.
- Larsson, Olof E.: *See—*  
Box folding and stapling machines. 2,735,344, 2-21-56, Cl. 93-49.
- Larsson, Robert T., to H. E. Hamman. Pouring attachment for containers. 2,731,178, 1-17-56, Cl. 222-567.
- Lartz, George F. Battery terminal connector. 2,769,964, 11-6-56, Cl. 333-228.
- La Rue, Albert D., to the United States of America as represented by the Secretary of the Navy. Cathode heater. 2,756,362, 7-24-56, Cl. 313-337.
- La Rue, Albert M., to The B. F. Goodrich Co. Electrically heated protective covering for aircraft. 2,743,890, 5-1-56, Cl. 244-134.
- Larus & Brother Co., Inc.: *See—*  
Legler, Henry M. 2,746,890.
- La Salle Steel Co.: *See—*  
Nachtman, Elliot S., and Moore. 2,767,835.  
Nachtman, Elliot S., and Moore. 2,767,836.  
Nachtman, Elliot S., and Moore. 2,767,837.  
Nachtman, Elliot S., and Moore. 2,767,838.
- Lassater, John A., and T. A. Deakins, to Combustion Engineering, Inc. Sprue reaming facilities for mold assembling installation. 2,752,646, 7-3-56, Cl. 22-20.
- Lassater, John A., and T. A. Deakins, to Combustion Engineering, Inc. Lowering of assembled molds from assembling mechanism to conveying cars. 2,767,865, 10-23-56, Cl. 24-40.
- Lassater, John A., and T. A. Deakins, to Combustion Engineering, Inc. Foundry mold flasks with novel end bumper means. 2,772,456, 12-4-56, Cl. 22-96.
- Lasson Foundation, Inc.: *See—*  
Deutsch, Daniel H., and Garcia. 2,754,299.
- Huffman, Max N. 2,759,952.
- Huffman, Max N. 2,765,339.
- Lashley, Charles J. W. Shuttlecocks. 2,761,685, 9-4-56, Cl. 273-106.
- Lasker, Adolph H. A. Disc grinders. 2,773,336, 12-11-56, Cl. 51-173.
- Lasker, Charles C. Manually operated snow removal tool. 2,734,291, 2-14-56, Cl. 37-53.
- Laskowitz, Isidor B. Jet-powdered convertible aircraft. 2,756,007, 7-24-56, Cl. 244-7.
- Lasley, James B., to The Springs Cotton Mills, Inc. Open width web processing apparatus and process. 2,729,537, 1-3-56, Cl. 8-151.
- Lasen, Arnold. Device for storing lines. 2,747,812, 5-29-56, Cl. 242-96.
- Lasserre, Gaston M., A. H. Laville, and P. H. L. Morain, to Societe Nationale de Constructions Aeronautiques du Sud Ouest (Societe Anonyme). Blades for rotary-wing aircraft. 2,711,444, 11-20-56, Cl. 240-70.
- Lassiat, Raymond C., to Sun Oil Co. Apparatus for lifting granular solids. 2,758,881, 8-14-56, Cl. 302-53.
- Lassiter, Jesse. Row crop meter. 2,772,832, 12-4-56, Cl. 234-35.
- Lasswell, Harry A. Automatic tension maintaining load binder for vehicles. 2,773,700, 12-11-56, Cl. 280-179.
- Lasswell, Lynn H.: *See—*  
Gray, Russell L., and Lasswell. 2,742,050.
- Lassy, Carl O. Weight balancing device for tapping spindle. 2,751,613, 6-26-56, Cl. 10-129.
- Last, Henry P.: *See—*  
Knudsen, Raymond G., and Last. 2,748,458.
- Laster, Clarence C., Jr., to Western Electric Co., Inc. Antenna of ionized air. 2,760,055, 8-21-56, Cl. 250-1.
- Laster, Edward C., Sr. Sprinkler and stock watering system. 2,762,332, 9-11-56, Cl. 119-78.
- Laster, Edward C., Sr., and T. L. Menge, Sr. Fluid disperser. 2,733,103, 1-31-56, Cl. 299-120.
- Laster, Gaius C. Pipe joint coater. 2,763,047, 9-18-56, Cl. 25-127.
- Latex Laboratories, Inc.: *See—*  
Malcolm, Donald W. 2,755,977.
- Latham, Allen, Jr., to Arthur D. Little, Inc. Refrigeration system and apparatus. 2,737,032, 3-6-56, Cl. 62-117.55.
- Latham, Allen, Jr., to The Badger Mfg. Co. Vapor-compression distillation method and apparatus. 2,760,919, 8-28-56, Cl. 202-75.
- Latham, George H., C. W. Todd, and W. J. Wayne, to E. I. du Pont de Nemours & Co. Substituted 1,3-dithianyl pentanoic acids. 2,752,249, 6-26-56, Cl. 99-163.
- Latham, Morton E., to Swedlow Plastics Co. Process for preparing continuous plastic sheets. 2,750,320, 6-12-56, Cl. 154-126.
- Lathrop, Elbert C., to the United States of America as represented by the Secretary of Agriculture. Pith separation and sugar recovery from bagasse. 2,744,037, 5-1-56, Cl. 127-43.
- Lathrop, Elbert C., to the United States of America as represented by the Secretary of Agriculture. Dewatering of pulp. 2,750,855, 6-19-56, Cl. 92-20.
- Lathrop, Harry D.: *See—*  
Barski, Julius J., and Lathrop. 2,741,133.
- Lathrop, Harry D., and J. J. Barski, to The Lathrop-Paulson Co. Belt drive and guide therefor. 2,758,482, 8-14-56, Cl. 74-216.5.
- Lathrop, Henry T., to Bissell Carpet Sweeper Co. Method of assembling wheel and bearing parts as a unit. 2,756,495, 7-31-56, Cl. 29-450.
- Lathrop, Homer H.: *See—*  
Svoboda, Edward F., and Lathrop. 2,730,909.
- Lathrop-Paulson Co., The: *See—*  
Barski, Julius J., and Lathrop. 2,741,133.
- Lathrop, Harry D., and Barski. 2,758,482.
- Schwarzkopf, Vergil. 2,766,635.
- Latil, Jean P.: *See—*  
Mullis, Orrin Rube, and Latil. 2,732,515.
- Latimer, Chester W.: *See—*  
Harris, James S., and Latimer. 2,768,290.
- Latimer, Herbert C. Squeegee holder for silk screen-printing. 2,747,501, 5-29-56, Cl. 101-114.
- Latimer, Joseph F., to Jackson Industries, Inc. Hydraulic slab debarker. 2,738,814, 3-20-56, Cl. 144-208.
- Latimer, Louis F. Vehicle jack. 2,732,034, 1-24-56, Cl. 187-8.72.
- Latimer-Needham, Cecil H., and R. F. Worlidge, to Flight Refuelling Ltd. Reel. 2,774,547, 12-18-56, Cl. 242-86.
- Latin, Aubrey, to The Okonite Co. Production of metallic bodies. 2,749,604, 6-12-56, Cl. 29-420.5.
- Latin, Aubrey, G. T. W. Grieve, and J. Conning, to The Okonite Co. Extrusion apparatus for sheathing electric cables. 2,761,077, 6-18-56, Cl. 207-4.
- Latner, Albert L.: *See—*  
Molyneux, Lindsay, Rose, and Latner. 2,766,095.
- La Torre, Joseph. Blind bolt utilizing distortable collar and deformable locking nut member. 2,765,699, 10-9-56, Cl. 85-40.
- Latoszynski, Jerzy A. L.: *See—*  
Barrett, John L., Latoszynski, Morris, and Frankel. 2,750,738.
- Latour, André, to Etablissements Merlin & Gerin. Method and device for extinguishing electrical arcs in circuit breakers. 2,750,476, 6-12-56, Cl. 200-147.
- Latour, André, to Etablissements Merlin & Gerin. Device for breaking electric circuits. 2,761,933, 9-4-56, Cl. 200-147.
- Latour, André, to Etablissements Merlin & Gerin. Sectionalizing system with pressure fluid operated circuit breakers for high voltage transmission lines. 2,763,754, 9-18-56, Cl. 200-168.
- Latour, André, to Etablissements Merlin & Gerin, Société Anonyme. Rectifying body for electrical apparatus. 2,772,834, 11-27-56, Cl. 200-144.
- La Tour, Harry: *See—*  
Wietzel, Karl F., Dovenbarger, and La Tour. 2,743,692.
- Latour, Pieter, to Underwood Corp. Mechanism for reindexing total in an accounting machine. 2,749,033, 6-5-56, Cl. 235-60.31.
- Latshaw, Marvin. Harrowing and weeding implement. 2,736,252, 2-28-56, Cl. 97-8.
- Latshaw, Marvin, and Richard C. Fabric holder. 2,767,893, 10-23-56, Cl. 228-110.
- Latta, Edward, to Redmond Co., Inc. Electric windshield wiper apparatus. 2,733,609, 2-7-56, Cl. 74-75.
- Latta, Edward, to Redmond Co., Inc. Switch construction, and wiper apparatus, and a system incorporating the same. 2,750,550, 6-12-56, Cl. 318-163.
- Latta, Edward, to Redmond Co., Inc. Direction-sensitive linkage-lengthening arrangement, particularly for use in depressed parking of windshield wipers. 2,753,721, 7-10-56, Cl. 240-156.
- Latta, James E., to Stanolind Oil and Gas Co. Method for treatment of hydrocarbon synthesis catalyst. 2,762,828, 9-11-56, Cl. 260-449.6.
- Latter, Richard: *See—*  
Helling, Werner, Nennig, Rolie, and Lattey. 2,746,849.
- Lattion, Michel, to Pat. Patentgesellschaft A. G. Process and device for twisting threads or filaments. 2,758,437, 8-14-56, Cl. 57-62.
- Lattmann, Max.: *See—*  
Guanella, Gustav, Güttinger, Lattmann, and Weber. 2,730,715.
- Lattmann, Max., to Contraves A.G. Control apparatus. 2,763,856, 9-18-56, Cl. 343-7.
- Lattner, Albert J., and H. McClelland, to Century Engineering Corp. Material distributing means. 2,735,587, 2-21-56, Cl. 222-267.
- Latzen, Josef, to A. Ehrenreich & Cie. Ball and socket joint. 2,733,085, 1-31-56, Cl. 287-87.
- Latzen, Josef, to A. Ehrenreich & Cie. Ball and socket joints. 2,740,649, 4-3-56, Cl. 287-87.
- Latzen, Josef, to the firm A. Ehrenreich & Cie. Ball and socket joint. 2,749,161, 6-5-56, Cl. 287-90.
- Latzen, Josef, to the firm A. Ehrenreich & Cie. Ball and socket joints. 2,754,141, 7-10-56, Cl. 287-90.
- Latzen, Josef, to A. Ehrenreich & Cie. Double joint for vehicle steering gear. 2,757,015, 7-31-56, Cl. 280-95.
- Latzen, Josef, to A. Ehrenreich & Cie. Steering rods for motor vehicles. 2,757,028, 7-31-56, Cl. 287-85.
- Latzen, Josef, to A. Ehrenreich & Cie. Ball and socket joint. 2,757,029, 7-31-56, Cl. 287-90.
- Latzen, Josef, to A. Ehrenreich & Cie. Linkage assembly for vehicle steering mechanism. 2,771,300, 11-20-56, Cl. 280-95.
- Latzen, Josef H., to A. Ehrenreich & Cie. Socket for a ball and socket joint. 2,733,086, 1-31-56, Cl. 287-87.
- Latzen, Josef H., to A. Ehrenreich & Cie. Ball and socket joint. 2,733,087, 1-31-56, Cl. 287-90.
- Lau, Erwin M., to Black Products Co. Bag filling machine. 2,733,040, 1-31-56, Cl. 249-58.
- Laub, Herman, III, 15% to R. E. Genuque. Container uncaser and caser. 2,734,323, 2-14-56, Cl. 53-21.



- Laub, John H. Thermal flowmeter. 2,729,976, 1-10-56, Cl. 73-204.
- Laubach, Gerald D.: *See*—
- Agnello, Eugene J., and Laubach. 2,773,868.
- Laubach, Gerald D. to Chas. Pfizer & Co., Inc. Hydroxylated steroids. 2,741,626, 4-10-56, Cl. 260-397.2.
- Laubach, Gerald D., and E. C. Schreiber, to Chas. Pfizer & Co., Inc. Steroids. 2,740,797, 4-3-56, Cl. 260-397.2.
- Laubach, Gerald D., and E. C. Schreiber, to Chas. Pfizer & Co., Inc. Steroids of the ergosta series. 2,773,885, 12-11-56, Cl. 260-397.2.
- Lau Bach, Neal B., to Hudson Engineering Corp. Heat exchanger and drive transmission therefor. 2,743,088, 4-24-56, Cl. 257-137.
- Laube, Otto T., to American Telephone and Telegraph Co. Short circuiting plug for coaxial line. 2,763,845, 9-18-56, Cl. 333-97.
- Laubender, Ludwig, to Krauss-Maffei Aktiengesellschaft. Apparatus for sealing the space between a piston and floating wrist pin thereof and process for assembling the same. 2,735,736, 2-21-56, Cl. 309-19.
- Laubender, Ludwig, to Fa. Krauss-Maffei A. G. Means for preventing the flow of lubricating oil into the exhaust port of diesel engines. 2,744,336, 5-22-56, Cl. 123-193.
- Laubender, Ludwig, to Krauss-Maffei Aktiengesellschaft. Piston arrangement for internal combustion engines. 2,747,953, 5-29-56, Cl. 309-19.
- Laubscher & Co. A. G.: *See*—
- Ankhl, Joseph. 2,737,177.
- Laucius, Joseph F., and S. B. Speck, to E. I. du Pont de Nemours & Co. 1,4-diamino-2,3-anthraquinone-dicarboximides. 2,753,356, 7-3-56, Cl. 260-326.
- Lauck, Ernest M. Automatic density control for compressing apparatus. 2,758,536, 8-14-56, Cl. 100-43.
- Lauck, John A., to Borg-Warner Corp. Control valve. 2,732,852, 1-31-56, Cl. 137-108.
- Lauck, John A., to Borg-Warner Corp. Pressure loaded pump. 2,745,356, 5-15-56, Cl. 103-126.
- Lauck, John A., to Borg-Warner Corp. Fuel injection system. 2,750,933, 6-19-56, Cl. 123-139.
- Laue, John A., to Borg-Warner Corp. Power unit. 2,769,394, 11-6-56, Cl. 103-11.
- Laucks, Howard H.: *See*—
- Teague, Walter D., Jr., and Laucks. 2,731,526.
- Laudar Co., The: *See*—
- Johnson, Darrell M. 2,730,396.
- Lauder, Joseph G.: *See*—
- Tennant, John A., Lauder, Naisbitt, Woolley, and Lawrenson. 2,753,995.
- Lauder, Wallace A., and A. F. Fasciano, to The W. L. Maxson Corp. Snap switch. 2,743,331, 4-24-56, Cl. 200-67.
- Lauderhale, Robert Jr.: *See*—
- Emmons, Ardath H., and Lauderale. 2,752,309.
- Lauenstein, Carl F., deceased, by J. W. Lauenstein, executrix, to Link-Belt Co. Belt conveyor. 2,759,595, 8-21-56, Cl. 198-192.
- Lauenstein, Harald, to N. V. Maatschappij tot Exploiteren van Mijnbouw en Lijsten Maats. Roll plot for woodland. 2,766,671, 10-16-56, Cl. 97-3.
- Lauenstein, Jean W.: *See*—
- Lauenstein, Carl F. 2,759,595.
- Lauer, Carleton J.: *See*—
- Bowers, Roy L., and Lauer. 2,739,681.
- Lau, Ernest P., to General Electric Co. Lifting device for thrift cooker unit. 2,770,705, 11-13-56, Cl. 219-37.
- Laugaudin, Eugene J., deceased, M. A. M. Laugaudin, and M. C. P. L. Sallet, heirs of said E. J. Laugaudin. Pneumatic shock absorber. 2,737,384, 3-6-56, Cl. 267-65.
- Laugaudin, Marie A. M.: *See*—
- Laugaudin, Eugene J. 2,737,384.
- Laughlin, Carl D.: *See*—
- Gwyn, Harry M., Jr., and Laughlin. 2,762,510.
- Laughlin, Clayton A., to Northwest Plastics, Inc. Battery case. 2,769,222, 10-30-56, Cl. 136-178.
- Laughlin, Clayton A., to Northwest Plastics, Inc. Calendar stand. 2,769,261, 11-6-56, Cl. 40-120.
- Laughlin, Glenn A.: *See*—
- Baker, Calvin A. 2,736,351.
- Laughlin, Myron P. Lawn cutting and fertilizing apparatus. 2,742,751, 4-24-56, Cl. 51-229.
- Laughlin, Myron P. Laterally spaced rollers selectively engageable with an adjacent wheel for forward and reverse vehicle drive. 2,751,028, 6-19-56, Cl. 180-19.
- Laughlin, Myron P. Power mower with frusto-spherical ground shoe. 2,770,085, 11-13-56, Cl. 56-25.4.
- Laughton, George S. Boxes, cases and containers for personal use. 2,771,694, 11-27-56, Cl. 40-70.
- Laughton, Malcolm, to Twinclo Ltd. Hanging appliances for drying and airing lightweight garments. 2,747,746, 5-29-56, Cl. 211-113.
- Laur, Louis J., and M. T. Thorsson, to Fairbanks, Morse & Co. Weighing scale system. 2,766,981, 10-16-56, Cl. 265-70.
- Laumann, Joseph. Draught excluders for doorways. 2,765,504, 10-9-56, Cl. 20-68.
- Launay, Pierre. Quarter turn dowel nut for caissons. 2,743,825, 6-24-56, Cl. 151-41.75.
- Lauder, Ernie L., to H. & L. Tooth Co. Detachable blade fastening means for digger tooth. 2,729,902, 1-10-56, Cl. 37-142.
- Lauder, Ernie L., to H. & L. Tooth Co. Wear plate attachment for digger tooth construction. 2,762,139, 9-11-56, Cl. 37-142.
- Laundry, Le Roy C. Valve mechanism. 2,774,520, 12-18-56, Cl. 22-394.
- Laupman, Robert H. Apparatus for printing, sheets, films or lengths of material, notably textile material, by means of screen printing. 2,758,540, 8-14-56, Cl. 101-126.
- Laupe, Wilhelm: *See*—
- Nottebohm, Carl L., Jacob, Laupe, and Schabert.
- Laur, Eugene, to Union Carbide and Carbon Corp. Welding wire positioning. 2,731,536, 1-17-56, Cl. 219-10.
- Lauritis, Leona J. Shoulder supported multiple receptacle. 2,732,110, 1-24-56, Cl. 224-5.
- Laurie, Lawrence L., and C. W. Hayes, to Black, Sivalls & Bryson, Inc. Method for obtaining condensate from high pressure hydrocarbon fluid in the form of a stabilized product. 2,768,118, 10-23-56, Cl. 196-11.
- Laurent, Andre J. M. Drinking glass. 2,750,768, 6-19-56, Cl. 65-13.
- Laurent, Milton P., to F. A. Rudman. Pipe coupling ring with locking means. 2,744,771, 5-8-56, Cl. 285-177.
- Laurent, Milton P., to W-K-M Mfg. Co., Inc. Valve lubricating system. 2,747,600, 5-29-56, Cl. 137-246.22.
- Laurent, Milton P., deceased, F. A. Rudman, J. J. Roach, and R. C. Roach, executors. Seal for vacuum vessels. 2,760,673, 8-28-56, Cl. 220-46.
- Laurent, Ruby S.: *See*—
- Laurent, Milton P. 2,760,673.
- Laurich, Anthony and J. Mail box support. 2,738,941, 3-20-56, Cl. 248-145.
- Laurich, Joseph: *See*—
- Laurich, Anthony and J. 2,738,941.
- Laurie, Kenneth S., to John Daiglish & Sons Ltd. Apparatus for maintaining the selvage of a web of travelling fabric or the like uncured. 2,750,650, 6-19-56, Cl. 28-13.
- Lauritsen, Charles C., to the United States of America as represented by the Secretary of the Navy. Launcher. 2,771,811, 11-27-56, Cl. 98-1.7.
- Lauritsen, Charles C., to the United States of America as represented by the Secretary of the Navy. Rocket launcher. 2,771,813, 11-27-56, Cl. 89-1.7.
- Laursen, George E.: *See*—
- Chase, Fletcher A., and Laursen. 2,771,364.
- Lausen, Frederick W. Electric starters for outboard motors. 2,731,005, 1-17-56, Cl. 123-179.
- Lausten, Arthur T.: *See*—
- Lazen, Graydon T., and Lausten. 2,767,359.
- Lautenbach, Charles S., to General Motors Corp. Window regulator. 2,746,747, 5-22-56, Cl. 268-104.
- Lautenbacher, Hans: *See*—
- Brendel, Theodor, and Lautenbacher. 2,734,422.
- Lautenberger, Elmer W., to General Electric Co. Electric coil assembly. 2,746,020, 5-15-56, Cl. 336-55.
- Lauterbach, George E.: *See*—
- Lohmar, Roland L., Jr., and Lauterbach. 2,740,733.
- Lohmar, Roland L., Jr., Weakley, and Lauterbach. 2,738,305.
- Lauterbach, William E., to Akshun Mfg. Co. Flake ice making machine and water distributor for use therein. 2,758,451, 8-14-56, Cl. 62-106.
- Lautzenhiser, Aryle G.: *See*—
- Bolles, Julius H., Buck, Short, and Lautzenhiser.
- Buck, Charles E., and Lautzenhiser. 2,774,844.
- Lautzenhiser, Aryle G., to General Motors Corp. Snap action device. 2,740,012, 3-27-56, Cl. 200-67.
- Lautzenhiser, Aryle G., G. B. Shaw, and J. W. Dyer, to General Motors Corp. Windshield wiper control. 2,749,498, 6-5-56, Cl. 318-466.
- Lauver, George A. Automatic end gate latch control for dump trucks. 2,768,858, 10-30-56, Cl. 298-23.
- Laux, Leon E., to The Glenn L. Martin Co. Positioning tool for establishing working surfaces. 2,731,712, 1-24-56, Cl. 153-80.
- Laval, Claude, Jr. Expander tools. 2,740,456, 4-3-56, Cl. 153-80.
- Laval, Claude, Jr. Submersible photographic apparatus. 2,760,417, 8-28-56, Cl. 95-11.
- Lavallee, Joseph A. Door plate. 2,745,200, 5-15-56, Cl. 27-125.
- Lavallee, Leonard, and R. Baby, to Workite Co. Ltd. Steam trap. 2,764,353, 9-25-56, Cl. 236-59.
- Lavaud, Armand J., to Martin & Cie. Grinding and truing machine. 2,768,477, 10-30-56, Cl. 51-95.
- Lavender, Frank O. Rivet scale. 2,738,583, 3-20-56, Cl. 33-172.
- Lavender, Harrison M., Jr., to California Research Corp. Extractive distillation process for recovering aromatics. 2,775,627, 12-25-56, Cl. 260-668.
- Laver, Donald G. Spacer construction for packing cases. 2,740,374, 4-3-56, Cl. 229-14.
- Lavelle Aircraft Corp.: *See*—
- Drake, Robert E. 2,760,659.
- Lavelle, Louise K.: *See*—
- Lavelle, William P. 2,754,498.
- Lavelle, William P., 1/2 to L. K. Lavelle. Alarm device for suspended articles. 2,754,498, 7-10-56, Cl. 340-280.
- Lavender, Hillary C. Power-steering device. 2,746,311, 5-22-56, Cl. 74-388.

- Laver, Donald G. Container construction. 2,751,138, 6-19-56, Cl. 225-32.
- Lavardisse, Edmond, to Les Glaceries de la Sambre, Societe Anonyme. Means for maintaining the constancy of the working plane of grinding and/or polishing tools. 2,746,213, 5-22-56, Cl. 51-112.
- Lavardisse, Edmond, to Les Glaceries de la Sambre Societe Anonyme. Cleaning device for glass polishing tools. 2,753,707, 7-10-56, Cl. 68-20.
- Lavardisse, Edmond, to Les Glaceries de la Sambre, Societe Anonyme. Glass rolling machines. 2,760,309, 8-28-56, Cl. 49-34.
- Lavardisse, Edmond, to Les Glaceries de la Sambre, Societe Anonyme. Apparatus for grinding and/or polishing glass sheets. 2,767,522, 10-23-56, Cl. 51-112.
- Lavardisse, Edmond, to Les Glaceries de la Sambre Societe Anonyme. Control of the tools of glass grinding and/or polishing machines. 2,774,196, 12-18-56, Cl. 51-112.
- Laverty, Benton W. Tape dispenser and applicator. 2,767,872, 10-23-56, Cl. 216-22.
- Laverty, Norman P., and W. E. Peterson, to Northrop Aircraft, Inc. Demodulator. 2,755,880, 7-17-56, Cl. 250-27.
- La Vigneur, Paul F. Friction device for pneumatic tire. 2,739,633, 3-27-56, Cl. 152-222.
- Laville, André H. See—
- Lasserre, Gaston M., Laville, and Morain. 2,771,144.
- Laville, Camille, and L. Caillé: said Caillé to said Laville. Transducer for actuating a card-punching machine or the like from a rack computer or the like. 2,756,823, 7-31-56, Cl. 164-113.
- Lavin, Esther, to H. Hart. Purse anchor. 2,760,539, 8-28-56, Cl. 150-28.
- La Violette, Fred G., to General Electric Co. Method and apparatus for handling contaminated gloves. 2,741,410, 4-10-56, Cl. 223-111.
- Laviolette, Jean G., to Lip S. A. d'Horlogerie. Electric clock starter. 2,749,890, 6-12-56, Cl. 58-28.
- Laviste, Cornelius. Means for debarring and grinding paper pulp and other vegetable fibrous material. 2,742,825, 4-24-56, Cl. 92-26.
- Lavole Laboratories, Inc. See—
- Brinker, Emil F. 2,751,560.
- Giuliani, Henry G. 2,742,387.
- Keen, Harry J., Papaieck, and Gilbert. 2,751,483.
- Lavoo, Norman T., to General Electric Co. Wide band television tuning circuit. 2,748,354, 5-29-56, Cl. 333-82.
- Law, Russell R., to Radio Corp. of America. Color television. 2,742,522, 4-17-56, Cl. 178-5.4.
- Law, Russell R., to Radio Corp. of America. One gun color-dot tube with dynamic beam convergence. 2,757,231, 8-11-56, Cl. 173-5.4.
- Law, Russell R., to Columbia Broadcasting System, Inc., doing business under the name CBS-Hytron, a division of Columbia Broadcasting System, Inc. Voltage regulator. 2,774,906, 12-18-56, Cl. 313-208.
- Law, Russell R., to H. Johnson, L. J. Giacometto, and L. E. Barton, to Radio Corp. of America. Transistor oscillator circuit. 2,750,567, 6-12-56, Cl. 250-36.
- Law, Thomas A. Delivery bodies. 2,729,498, 1-3-56, Cl. 296-24.
- Law, William H. Fishing bob. 2,754,616, 7-17-56, Cl. 43-44.91.
- Lawall, Thomas R. First aid instruction doll. 2,752,697, 7-3-56, Cl. 35-17.
- LaWarre, Robert W. See—
- Rawls, Vaughn. 2,784,553.
- Lawber, A. Marian: See—
- Lawber, David. 2,756,704.
- Lawber, David, deceased; A. M. Lawber executrix of said D. Lawber. Tensioning devices for overseas sewing machines. 2,756,704, 7-31-56, Cl. 112-254.
- Lawhead, Robert E., Jr.: See—
- Hamilton, Francis E., Hawkins, Lawhead, and Hughes. 2,770,797.
- Lawick, Julius J. Vehicle safety switch. 2,773,953, 12-11-56, Cl. 200-61.51.
- Lawler, Paul, Jr. Sample support for refrigerating cabinets. 2,734,345, 2-14-56, Cl. 62-1.
- Lawler, Paul F. Process for impregnating leather and product. 2,763,677, 9-18-56, Cl. 17-135.5.
- Lawlor, Anna M., and P. C. Kadow, to College of Saint Elizabeth. Portable storage rack. 2,752,080, 6-26-56, Cl. 224-48.
- Lawlor, Joseph P. Slurry feeder. 2,743,909, 5-1-56, Cl. 259-42.
- Lawlor, Joseph P., to General Filter Co. Multicell filter apparatus. 2,754,971, 7-17-56, Cl. 210-144.
- Lawn, Raymond J.: See—
- Whittier, Fred, and Lawn. 2,765,288.
- Lawrence, Beardsley, to Fiberbond Laboratories Inc. Apparatus for forming a twistless strand. 2,759,520, 8-21-56, Cl. 154-1.7.
- Lawrence Bros., Inc.: See—
- Folta, Robert E. 2,769,198.
- Riser, Clarence B. 2,772,441.
- Lawrence, Charles E.: See—
- Weiss, Ted J., and Lawrence. 2,735,527.
- Lawrence, Chester A., to E. I. du Pont de Nemours and Co. Dynamite box. 2,784,676, 2-14-56, Cl. 229-23.
- Lawrence, Edward W., to Cranston Print Works Co. Method for imparting waved finish to textile fabrics. 2,768,092, 10-23-56, Cl. 117-11.
- Lawrence, Ernest O., to Chromatic Television Laboratories, Inc. Electrode structure for cathode-ray tubes for image projection in natural color. 2,729,760, 1-3-56, Cl. 313-78.
- Lawrence, Ernest O., to the United States of America as represented by the United States Atomic Energy Commission. Condensable vapor extraction apparatus. 2,737,779, 3-18-56, Cl. 62-1.
- Lawrence, Ernest O., to Chromatic Television Laboratories, Inc. Cathode-ray tube for color television. 2,739,260, 3-20-56, Cl. 313-73.
- Lawrence, Ernest O., to Chromatic Television Laboratories, Inc. Color television apparatus. 2,744,952, 5-8-56, Cl. 173-5.4.
- Lawrence, Ernest O., to Chromatic Television Laboratories, Inc. Display surface for color television tube. 2,745,033, 5-8-56, Cl. 313-78.
- Lawrence, Ernest O., to Chromatic Television Laboratories, Inc. Color television tube target structure. 2,745,035, 5-8-56, Cl. 315-14.
- Lawrence, Ernest O., to Chromatic Television Laboratories, Inc. Polychrome cathode ray tube. 2,751,516, 6-19-56, Cl. 173-5.4.
- Lawrence, Ernest O., to the United States of America as represented by the United States Atomic Energy Commission. Calutrons of the multiple ion beam type. 2,754,423, 7-10-56, Cl. 250-41.9.
- Lawrence, Ernest O., and W. M. Brobeck, to the United States of America as represented by the United States Atomic Energy Commission. Calutron. 2,733,349, 1-31-56, Cl. 250-41.9.
- Lawrence, Ernest O., and Q. A. Kerns, to the United States of America as represented by the United States Atomic Energy Commission. Beam regulator. 2,773,195, 12-4-56, Cl. 250-41.9.
- Lawrence, J. Richard, to The Washburn Co. Kitchen utensil bracket. 2,738,943, 3-20-56, Cl. 248-293.
- Lawrence, Keith, to E. K. Crosslake, H. K. Spaulding, to American Smelting and Refining Co. Electrodeposition of arsenic from acid electrolytes. 2,742,415, 4-17-56, Cl. 204-108.
- Lawrence, Leonard: See—
- Gollobin, William. 2,775,014.
- Lawrence, Leroy E.: See—
- Walworth, Clarence B., Winterburn, and Lawrence. 2,753,474.
- Winterburn, George A., Walworth, and Lawrence.
- Lawrence, Nathaniel O., to Pye Ltd. Method of and apparatus for producing television pictures. 2,753,395, 7-3-56, Cl. 178-17.2.
- Lawrence, Owen N.: See—
- Harris, Thomas A., Lawrence, and Warne. 2,759,532.
- Harris, Thomas A., Lawrence, and Warne. 2,769,488.
- Lawrence, Owen N., to Joseph Lucas (Industries) Ltd. Engine temperature responsive means to control fuel supply and oil spill lines. 2,747,269, 5-29-56, Cl. 60-39.28.
- Lawrence, Owen N., to Joseph Lucas Ltd. Means for controlling the supply of liquid fuel to the combustion chamber of a prime mover. 2,753,803, 7-10-56, Cl. 103-38.
- Lawrence, Owen N., to Joseph Lucas (Industries) Ltd. Liquid fuel supply systems. 2,753,638, 8-14-56, Cl. 153-36.3.
- Lawrence, Owen N., to Joseph Lucas (Industries) Ltd. Centrifugal pumps. 2,764,944, 10-2-56, Cl. 103-103.
- Lawrence Paper Co., The: See—
- Hill, Justin D., and Cain. 2,767,091.
- White, Roger L. 2,758,781.
- White, Roger L. 2,764,336.
- Lawrence, Ralph T.: See—
- Gent, Alfred W., and Lawrence. 2,736,863.
- Lawrence, Ray V.: See—
- Stinson, James S., and Lawrence. 2,765,334.
- Lawrence, Richard R. Pulling tool. 2,747,673, 5-29-56, Cl. 166-98.
- Lawrence, Robert: See—
- Coughlin, Cornelius H., Lawrence, and Mote. 2,737,834.
- Lawrence, Sigmond J., to General Electric Co. Closure device. 2,732,092, 1-24-56, Cl. 220-44.
- Lawrence, Verne L. Egg counter. 2,753,115, 7-3-56, Cl. 235-124.
- Lawrence, William: See—
- Brown, William R., and Lawrence. 2,740,408.
- Lawrenson, Anthony: See—
- Tennant, John A., Lauder, Naisbitt, Woolley, and Lawrenson. 2,753,995.
- Lawry, Hurl: See—
- Puse, Valentin C., and Lawry. 2,756,847.
- Lawser, John J., to Proctor Electric Co. Toaster heating unit. 2,747,072, 5-22-56, Cl. 219-19.
- Lawson, Anna E. L.: See—
- Lawson, Gottfried C. 2,738,142.
- Lawson, David E., and T. G. Crider, to Hupp Corp. Beverage dispensing apparatus. 2,755,979, 7-24-56, Cl. 226-46.4.
- Lawson, E. P., Co., Inc.: See—
- Seybold, Frederick W. 2,770,301.
- Seybold, Frederick W., and Herman. 2,737,158.
- Thumlin Carl. 2,771,948.
- Lawson, Edgar, Sr. Dust collector for drills. 2,771,271, 11-20-56, Cl. 255-50.
- Lawson, George S., to C. M. Penney Co. Reed sander. 2,745,214, 5-15-56, Cl. 46-117.
- Lawson, Gottfried C., to A. E. L. Lawson. Cord drum and traverse for Venetian blinds. 2,738,142, 3-13-56, Cl. 242-157.



- Lawson, Jack G. Electrical percolators having projecting heating elements. 2,752,845, 7-3-56, Cl. 99-285.
- Lawson, James L. *See—*
- Johnson, Harold L., and Lawson. 2,755,437.
- Lawson, James L., to General Electric Co. Injection into charged particle accelerators. 2,738,420, 3-13-56, Cl. 250-27.
- Lawson, James L., to the United States of America as represented by the Secretary of the Navy. Protection of receiver against overload. 2,746,017, 5-15-56, Cl. 333-13.
- Lawson, Jefferson J. Laundry equipment. 2,754,670, 7-17-56, Cl. 68-18.
- Lawson, John B. : *See—*
- Lawson, Robert H. and J. B. 2,764,006.
- Lawson, Joseph M., to Lawson Stacker Co., Inc. Automatic lumber stacker. 2,730,247, 1-10-56, Cl. 214-6.
- Lawson, Marvin J. Boat paddle. 2,737,144, 3-6-56, Cl. 115-29.
- Lawson, Percy J., to Ball Brothers Co., Inc. Lid-making apparatus. 2,763,228, 9-18-56, Cl. 113-42.
- Lawson Products, Inc. : *See—*
- Lawson, Robert H. and J. B. 2,764,006.
- Lawson, Robert H., to Scott & Williams, Inc. Speed changing mechanism for knitting machines. 2,736,178, 2-28-56, Cl. 66-56.
- Lawson, Robert H., to Scott & Williams, Inc. Knitting machine. 2,757,527, 8-7-56, Cl. 66-107.
- Lawson, Robert H. and J. B., to Lawson Products, Inc. Readily removable and replaceable dial or cylinder needle selection attachment. 2,764,006, 9-25-56, Cl. 66-25.
- Lawson Stacker Co., Inc. : *See—*
- Lawson, Joseph M. 2,730,247.
- Lawson, William D. : *See—*
- Phythian, Thomas E., and Lawson. 2,731,914.
- Lawther, Ray E. Game board. 2,757,003, 7-31-56, Cl. 273-89.
- Lawton, Elliott J. : *See—*
- Lewis, Frederick M., and Lawton. 2,763,609.
- Lawton, Elliott J., and J. M. Lafferty, to the United States of America as represented by the United States Atomic Energy Commission. Ion source units. 2,733,348, 1-31-56, Cl. 350-41.9.
- Lawton, Lester M., and S. T. Ross, to General Motors Corp. Method of copperizing aluminum and aluminum alloys. 2,737,463, 3-6-56, Cl. 117-130.
- Lawton, Ray A., to The Parker Pen Co. Fountain pen. 2,733,686, 2-7-56, Cl. 120-50.
- Lawton, James B., to International Minerals & Chemical Corp. Beneficiation of nonmetallic minerals. 2,754,965, 7-17-56, Cl. 209-127.
- Lawver, James E., to International Minerals & Chemical Corp. Electrodynamic method for beneficiating sylvinitic ore. 2,762,505, 9-11-56, Cl. 209-9.
- Lax, Ladislav : *See—*
- Weighton, Donald, and Laz. 2,775,654.
- Lax, Ladislav, to Pye Ltd. Automatic frequency control. 2,762,922, 9-11-56, Cl. 250-36.
- Lax, Leona, and C. W. Hine, to Sarong, Inc. Brassiere. 2,738,898, 3-6-56, Cl. 2-42.
- Lax, Stephen G. : *See—*
- Nachman, Joseph F., and Buehler. 2,768,915.
- Laxo, Ed. Compound liner. 2,756,863, 7-31-56, Cl. 198-33.
- Laxo, Ed. Screw feed mechanism for drying machine. 2,756,864, 3-3-56, Cl. 198-75.
- Lay, B. A., and C. C. Werge, to W. F. and John Barnes Co. Double seamer. 2,757,627, 8-7-56, Cl. 113-17.
- Lay, Adele K. Cigarette and cigar holder. 2,742,908, 4-24-56, Cl. 131-175.
- Lay, H. W., & Co., Inc. : *See—*
- Smith, Horace L., Jr. 2,767,095.
- Lay, Kenneth S. Foldable chair. 2,750,991, 6-19-56, Cl. 155-148.
- Lay, Samuel C., and L. H. Inman. Broaching horn. 2,754,568, 7-17-56, Cl. 29-95.1.
- Lay, Walter H., to C. W. Kandle. Rock drill. 2,756,025, 7-2-56, Cl. 255-61.
- Laycock, John N. Trussed bridge structure. 2,762,069, 9-11-56, Cl. 14-1.
- Laycock, Kenneth G. Web tension mechanism. 2,733,876, 2-7-56, Cl. 242-75.
- Laycock, Thomas B., Jr. : *See—*
- Holman, George W., Laycock, and Wille. 2,738,278.
- Layden, Lawrence M., to Air Reduction Co., Inc. Valve for gas arc welding apparatus. 2,765,144, 10-2-56, Cl. 251-339.
- Layne, Clarence L. Bow string. 2,769,439, 11-6-56, Cl. 30-30.
- Layman, Martha K., to American Cyanamid Co. Triazine-aldehyde-polyisodioxane resinous composition and process for preparing. 2,731,438, 1-17-56, Cl. 260-45.2.
- Layne, Harold W., to Anderson Box Co. Fibreboard shipping container. 2,731,191, 1-17-56, Cl. 229-34.
- Layne, Harold W., to Inland Container Corp. Handled carton. 2,772,044, 11-27-56, Cl. 229-51.
- Layne-Held Corp. : *See—*
- Layne, Mark B., and Held. 2,733,627.
- Layne, Leslie A. : *See—*
- Munhausen, Theodore W. 2,735,493.
- Layne, Leslie A. Method and apparatus for repairing broken casing in well bores. 2,734,580, 2-14-56, Cl. 166-14.
- Layne, Leslie A., and L. C. Mundt, said Mundt to said Layne. Under-reaming tool. 2,743,087, 4-24-56, Cl. 255-76.
- Layne, Mark B., and L. L. Held, to Layne-Held Corp. Work holding tool. 2,733,627, 2-7-56, Cl. 82-44.
- Layson, Birney S. : *See—*
- Wells, Bruce C., and Layson. 2,757,254.
- Laystrom, Carl A., to Faries Mfg. Co. Wall mirror mounting. 2,771,259, 11-20-56, Cl. 248-28.
- Laystrom, Carl A., to Faries Mfg. Co. Combination of threaded bolt and deformable bushing for supporting frangible plate on a wall. 2,771,262, 11-20-56, Cl. 248-216.
- Layton, Mary E., and G. Adamec, said Adamec to said Layton. Cooking utensil. 2,751,840, 6-26-56, Cl. 99-349.
- Lazan, Frank, Jr., 50% to A. Gianola. Bumper guard. 2,769,653, 11-6-56, Cl. 293-71.
- Lazar, Joseph H. Forced convection evaporator and water chiller. 2,747,381, 5-29-56, Cl. 62-128.
- Lazar, Michael, and B. G. Wallenhorst, to Burndy Engineering Co., Inc. Replaceable and interchangeable dies for crimping tools. 2,761,339, 9-4-56, Cl. 81-15.
- Lazar, Michael D. : *See—*
- Friedman, Gerson, and Lazar. 2,729,995.
- Lazare, Leon, to American Cyanamid Co. Fractional distillation of decomposition products of diarylalkanes. 2,752,294, 6-26-56, Cl. 202-40.
- Lazare, Leon, to American Cyanamid Co. Fractional distillation of decomposition products of diaryl alkanes. 2,752,296, 6-26-56, Cl. 202-46.
- Lazich, Branko, to Westinghouse Air Brake Co. Remotely controlled decomposer. 2,754,500, 7-10-56, Cl. 340-324.
- Lazich, Branko, to Westinghouse Air Brake Co. Electrical relays. 2,775,666, 12-25-56, Cl. 200-104.
- Lazier, Wilbur A. : *See—*
- Bayley, Abraham, Harfenist, Lazier, and McLamore. 2,742,480.
- Lazinski, Raymond H. Departmental program analyzer machine. 2,758,786, 8-14-56, Cl. 235-61.
- Lazna, James J. : *See—*
- Dell, Paul A., and Lazna. 2,773,520.
- Lazo, John. Instrument illuminating means. 2,761,056, 8-28-56, Cl. 240-2.1.
- Lazowski, Stanley J. Gas mixing apparatus. 2,740,419, 4-3-56, Cl. 137-111.
- Lazzeri, Angelo G., to National Metalcrafters, Inc. Can filling machine. 2,730,285, 1-10-56, Cl. 226-99.
- Lazzeri, Angelo G., and D. Mackey, to Radio Corp. of America. Plug connector for printed circuits. 2,742,627, 4-17-56, Cl. 339-193.
- Le Matériel Ceramique Moderne-Marseille (Bouches du Rhone) : *See—*
- Pallier, Pierre P. 2,755,532.
- Lea, Edward S. Machines for grinding hypodermic needles. 2,730,844, 17-56, Cl. 51-98.
- Lea, James P. : *See—*
- Barnes, Marion D., and Lea. 2,762,294.
- Lea Mfg. Co., The : *See—*
- Candee, Ellsworth T., and Doughty. 2,765,223.
- Lea, Norman, to Marconi's Wireless Telegraphy Co. Ltd. Frequency stabilizers and monitors. 2,769,090, 10-30-56, Cl. 250-36.
- Lea, Walter A., to E. V. Ehrhardt. Camera view finder. 2,747,282, 5-29-56, Cl. 33-64.
- Leach Brothers, Inc. : *See—*
- Edkhardt, Owen S., and Knapp. 2,761,790.
- Leach, Clayton B., to General Motors Corp. Gasket. 2,771,869, 11-27-56, Cl. 123-193.
- Leach, Ray B. Heat transfer system and electric controls therefor. 2,746,724, 5-22-56, Cl. 257-3.
- Leach, Ruth T. : *See—*
- Cazell, Jess, and Leach. 2,754,903.
- Leach, William F., to The S. S. White Dental Mfg. Co. Amalgam carriers. 2,767,470, 10-28-56, Cl. 32-60.
- Leadbetter, Gilbert E. Sprinkler. 2,760,824, 8-28-56, Cl. 299-105.
- Leader, Philip, to Hunt, Barnard & Co. Ltd. Book binding machinery. 2,765,732, 10-9-56, Cl. 100-144.
- Leager Mfg. Co. : *See—*
- Wood, Gerald B., and Leamond. 2,758,325.
- League, Maurice S., to Crown Zellerbach Corp. Log debarker having revolving knives simultaneously swingable by differential-tyrill planetary gear-train. 2,749,952, 6-12-56, Cl. 144-208.
- Leahy, James F. : *See—*
- Ashley, John W., and Leahy. 2,764,768.
- Leahy, James F., to United Shoe Machinery Corp. Apparatus for making nonmetallic toe binders. 2,764,957, 10-2-56, Cl. 113-34.
- Leahy, Matthew T. Micrometer support. 2,748,926, 6-5-56, Cl. 206-16.
- Leake, George L. Screw removing tool. 2,745,448, 5-15-56, Cl. 144-32.
- Leake, Norman H. : *See—*
- Cronheim, Georg E., Leake, and Fielden. 2,765,305.
- Leaman, Wilbur K. : *See—*
- Conradt, Harry L., and Leaman. 2,730,486.
- Conradt, Harry L., and Leaman. 2,754,262.
- Conradt, Harry L., and Leaman. 2,772,236.
- Conradt, Harry L., and Leaman. 2,773,917.
- Conradt, Harry L., and Leaman. 2,774,801.
- Leamon, Louis : *See—*
- Killian, Henry E. 2,757,772.
- Leamond, Plummer W. : *See—*
- Wood, Gerald B., and Leamond. 2,758,325.
- Leanza, William J. : *See—*
- Pfister, Karl, III, and Leanza. 2,766,255.
- Leaphart, Noah C., Sr. Coupling pin for separable parts having spring urged pivotal locking plate thereon. 2,775,154, 12-25-56, Cl. 85-3.

- Lear, Inc.: See—  
 Barr, Le Roy H. 2,755,817.  
 Janson, Guernard H. 2,732,762.  
 Ryberg, Arling W. 2,771,778.  
 Schoepfel, John F., Varner, and Herr. 2,764,653.  
 Serge, Igor B. 2,746,419.
- Leary, Joseph D., to Posting Equipment Corp. Posting tray. 2,733,718, 2-7-56, Cl. 129—28.  
 Leary, Joseph D., to Posting Equipment Corp. Posting tray. 2,733,719, 2-7-56, Cl. 129—28.
- Leary, Robert E., and B. A. Glassmacher, to Surface Combustion Corp. Radio shielded magneto. 2,756,355, 7-24-56, Cl. 310—153.
- Leard, Jack E.: See—  
 Hicks, William T., Leard, and Pharo. 2,735,629.
- Learner, Charles F.: See—  
 Waghorne, Robert H., and Learner. 2,729,589.
- Leary, Edward J. Snow destroyer. 2,738,786, 3-20-56, Cl. 126—343.5.
- Leary, Joseph C. Wire tie for balers. 2,732,790, 1-31-56, Cl. 100—4.
- Leary, Hubert F.: See—  
 Hubbard, Addison W., Leary, and Baner. 2,764,577.  
 Nelson, Joseph F., Leary, and Baner. 2,734,046.
- Leary, Robert F., to Esso Research and Engineering Co. Production of clear transparent polymers of isobutylene and styrene. 2,730,519, 1-10-56, Cl. 260—85.1.
- Leary, Robert F., to Esso Research and Engineering Co. Preparation of resins from C<sub>8</sub> fractions and cyclopentadiene dimers. 2,773,051, 12-4-56, Cl. 260—82.
- Leary, Robert F., L. M. Welch, and D. S. Maisel, to Esso Research and Engineering Co. Recovery of furtural in extractive distillation purification of cyclic hydrocarbons. 2,742,411, 4-17-56, Cl. 202—39.5.
- Leary, William W., to Armstrong Cork Co. Bottle closure. 2,748,969, 6-5-56, Cl. 215—40.
- Lease, Charles A., and H. M. Musal, Jr., to Sinclair Research Laboratories, Inc. Apparatus for collecting and quantitatively measuring particles. 2,756,433, 7-17-56, Cl. 324—41.
- Lease, Robert H.: See—  
 Golwitzer, Walter T., and Lease. 2,734,453.
- Leash, Homer E. and N. A. Casting sinker for fishing line. 2,764,837, 10-2-56, Cl. 43—44.9.
- Leash, Neil A.: See—  
 Leash, Homer E. and N. A. 2,764,837.
- Leasure, Stanley. Driver-rest pad. 2,772,725, 12-4-56, Cl. 155—182.
- Leasy, Karl J. Vehicle leg rest. 2,749,973, 6-12-56, Cl. 155—172.
- Leath, William J., and F. E. Bobo, Jr., to Patentex, Inc. Yarn and method of producing the same. 2,771,733, 11-27-56, Cl. 57—140.
- Leath, William J., and F. E. Bobo, Jr., to Patentex, Inc. Textile product and method. 2,771,759, 11-27-56, Cl. 66—178.
- Leathers, L. M. Sons: See—  
 Tufts, William F. 2,739,745.
- Leathers, Ward, W. E. Mazur, and J. G. Weaver, said Leathers assor. to International Business Machines Corp. Traverse gear box. 2,775,139, 12-15-56, Cl. 74—626.
- Leavell, Charles, to Mechanical Research Corp. Percussion tools. 2,730,073, 1-10-56, Cl. 121—32.
- Leavell, Charles, to Mechanical Research Corp. Percussion tool. 2,752,889, 7-3-56, Cl. 121—13.
- Leavell, Ira M., to B. Wiggins Oil Tool Co., Inc. Valved coupling. 2,773,706, 12-11-56, Cl. 284—19.
- Leavengood, Ernest A.: See—  
 Baker, Albert D., Jones, and Leavengood. 2,730,866.
- Leavens, William B., Jr. Printing cylinder stripping means with stop press control. 2,769,592, 11-6-56, Cl. 101—232.
- Leavenworth, Inc.: See—  
 Haynes, William J. 2,745,675.
- Leavitt, Julian J.: See—  
 Brody, Frederick, Leavitt, and Long. 2,754,298.
- Leavitt, Julian J., to American Cyanamid Co. Alkenyl bisimidazole optical bleaching agents. 2,773,869, 12-11-56, Cl. 260—240.
- Leavitt Machine Co.: See—  
 McAfee, Walter E. 2,731,727.  
 McAfee, Walter E. 2,757,402.
- Le Baron, Ira M.: See—  
 McCullough, Robert F., and Le Baron. 2,769,686.
- Le Baron, Ira M., to International Minerals & Chemical Corp. Method and apparatus for electrostatic separation. 2,738,875, 3-9-56, Cl. 209—127.
- Le Baron, Ira M., to International Minerals & Chemical Corp. Process for defluorinating phosphate solutions. 2,761,775, 9-4-56, Cl. 71—42.
- Le Baron, Ira M., to the United States of America as represented by the United States Atomic Energy Commission. Ore dressing process. 2,763,371, 9-18-56, Cl. 209—12.
- Le Baron, Theodore, and E. B. Dadds. Means for dispensing measured lengths of tape. 2,746,751, 5-22-56, Cl. 271—2.4.
- Le Barron, Ralph L. Apparatus and method for preventing ice formation upon building roofs. 2,733,649, 2-7-56, Cl. 98—1.
- Lebedeff, Yuri E.: See—  
 Hollander, Max L., and Lebedeff. 2,772,230.
- Lebedeff, Yuri E., R. Stone, and P. W. von Stein, to American Smelting and Refining Co. Selenium dioxide volatilization process. 2,775,509, 12-25-56, Cl. 23—139.
- Lebedinsky, Myron, to Societe Anonyme de Telecommunications. Telecommunication station equipment. 2,773,940, 12-11-56, Cl. 179—91.
- Lebeis, Edward H., and F. S. Bondor, to Houdry Process Corp. Extractive distillation of aromatics. 2,768,131, 10-23-56, Cl. 202—39.5.
- Le Bel, Clarence J. Temperature compensated circuit having non-linear resistor. 2,747,158, 5-22-56, Cl. 323—69.
- Le Bel, Clarence J. Circuit with extended logarithmic characteristic. 2,757,281, 7-31-56, Cl. 250—27.
- Lebel, Felix. Change gear transmission. 2,764,052, 9-25-56, Cl. 74—339.
- Lebet, Samuel E. Combined squeegee and spray device. 2,753,578, 7-10-56, Cl. 15—133.
- Le Blanc, Gabriel G. Sweeping machine. 2,765,483, 10-9-56, Cl. 15—49.
- Leblanc, Georges, to Compagnie Generale de Travaux d'Eclairage et de Force, Anciens Etablissements Clemancon. Selector or mixer devices for polychromatic illumination. 2,733,428, 1-10-56, Cl. 340—335.
- Leblans, Leopold M. L. J., to Hartford National Bank and Trust Co. as trustee. Rotary spindle. 2,754,712, 7-17-56, Cl. 82—30.
- Le Blond, R. K., Machine Tool Co., The: See—  
 Meyer, Walter R., and Siekman. 2,746,613.  
 Siekman, Harold J., Kasselman, and Okvit. 2,773,471.
- Lebocey, Bernard. Plain and rib circular knitting machine. 2,751,768, 6-26-56, Cl. 66—28.
- Lebocey, Bernard J. E. Adjustable needle-bed mount for circular knitting machine. 2,740,274, 6-5-56, Cl. 66—3.
- Le Boeuf, Edgar W., to The Dow Chemical Co. Making continuous fibers from a normally crystalline polymer latex. 2,737,436, 3-6-56, Cl. 18—54.
- Lebold, Jack W., to Lockheed Aircraft Corp. Alighting gear for vehicles arising aircraft. 2,750,133, 6-12-56, Cl. 244—100.
- Lebold, Jack W., and G. C. Sullivan, to Lockheed Aircraft Corp. Method of making propeller or rotor blade. 2,767,461, 2-23-56, Cl. 29—156.8.
- Lebour, Maurice P., to Borg-Warner Corp. System for setting off explosive charges. 2,766,690, 10-16-56, Cl. 102—20.
- Lebow, Irwin L., to National Container Corp. Ventilated compartmented box. 2,749,011, 6-5-56, Cl. 229—6.
- Le Brock, Glen E., to Curtis Lighting, Inc. Hanger device for lighting fixture. 2,736,528, 2-28-56, Cl. 248—317.
- Le Bus, Franklin L., Sr. Balanced cable spooling. 2,732,150, 1-24-56, Cl. 242—117.
- Le Bus, Franklin L., Sr. Balanced cable spooling. 2,734,695, 1-24-56, Cl. 242—117.
- Le Bus, Franklin L., Sr. Method and apparatus of cross-over cable spooling. 2,741,441, 4-10-56, Cl. 242—117.
- Le Bus, Franklin L., Sr. Snatch block. 2,741,458, 4-10-56, Cl. 244—14.
- Le Bus, Franklin L., Sr. Releasing overshot. 2,753,208, 7-3-56, Cl. 294—102.
- Le Bus, Franklin L., Sr., to G. F. Le Bus, Sr. Snatch block. 2,754,344, 7-10-56, Cl. 254—193.
- Le Bus, George P., Sr.: See—  
 Le Bus, Franklin L., Sr. 2,754,084.
- Leavelier, Robert E. J. Multi-ratio mechanical drive, particularly for automotive transmissions. 2,740,509, 4-3-56, Cl. 192—092.
- Lecky, Marguerite H.: See—  
 Coanda, Henri, and M. H. 2,761,292.
- Lecher, Hans Z., and S. M. Tsang, to American Cyanamid Co. Metallized azo dyes from diaminodibenzothienophene dioxides. 2,752,938, 6-26-56, Cl. 260—146.
- Lecher, Joseph, to The Microcyclomat Co. Method and apparatus for the production of fine and ultrafine particles. 2,752,097, 6-26-56, Cl. 241—17.
- Leck, George W., and W. D. Hershberger, to Radio Corp. of America. Method of charging a sealed microwave absorptive gas cell. 2,745,048, 4-24-56, Cl. 226—20.1.
- Leckert, Joseph T.,  $\frac{1}{4}$  to A. E. Heath, and  $\frac{1}{4}$  to R. E. Minton. Self unloading vehicle. 2,741,383, 4-10-56, Cl. 214—005.
- Lecky, Albert S.: See—  
 Victor, C., Lecky, and D'Alleva. 2,755,663.
- Leclabart, Jean. Hair drier. 2,762,133, 9-11-56, Cl. 34—72.
- Le Clair, Camille C. S., to Tecalemit Ltd. Means for priming the liquid circuit of reciprocating pumps for liquid or oil. 2,735,873, 2-1-56, Cl. 103—153.
- Le Clair, Camille C. S., to Tecalemit Ltd. Grease guns and like lubricant dispensing devices. 2,738,902, 3-20-56, Cl. 222—253.
- Le Clair, Camille C. S., to Tecalemit Ltd. Lubricant injection unit. 2,752,006, 6-26-56, Cl. 184—7.
- Le Clair, Camille C. S., to Tecalemit Ltd. Fluid motor for reciprocating grease pumps. 2,757,645, 8-7-56, Cl. 121—148.
- Le Clair, Willis E., to Interchemical Corp. Photometric apparatus. 2,753,754, 7-10-56, Cl. 88—14.
- Leclerc, Georges, to Societe Du Bouchon Couronne Crown Cork Co. (France). Air tight disc for crown caps. 2,751,101, 6-19-56, Cl. 215—40.
- Le Clercq, Leon J., to Gladding McBean & Co. Method of and apparatus for producing micro-dimensioned ceramic tile. 2,732,590, 1-31-56, Cl. 18—47.5.
- Lecluyse, Edouard: See—  
 Quinche, Albert, and Lecluyse. 2,762,421.
- Le Cocq, Gaston C. Fruit picking device. 2,748,555, 6-5-56, Cl. 56—338.
- Le Compte, Frank M., D. R. Woolf, and E. F. Mittenzweil, to Curtiss-Wright Corp. Propeller blade de-icing. 2,742,248, 4-17-56, Cl. 244—134.



- Le Compte, George C., and W. C. Ault, to the United States of America as represented by the Secretary of Agriculture. Marking compositions. 2,737,780, 2-21-56, Cl. 106—19.
- Lecomte, Claude, to International MacGregor Organization (I. M. G. O.). Hatch-cover. 2,771,136, 11-20-56, Cl. 160—188.
- Lecomte, Claude, to International MacGregor Organization (I. M. G. O.). Cover for matches, waggons and the like. 2,744,420, 12-18-56, Cl. 160—193.
- Le Cottier, Yves, and A. G. Trentesaux, Trousers. 2,757,381, 8-7-56, Cl. 2—237.
- Lecoq, Robert. Machine for joining wire portions of springs particularly those of generally helicoidal shape used in box mattresses, seat cushions and like furniture appliances. 2,763,296, 9-18-56, Cl. 140—3.
- Lecourbe, Henri, to "Etablissements Metallurgiques Boyer." Ball and the like bearings, specially for conveyors. 2,757,988, 8-7-56, Cl. 308—20.
- Lecourt, Monnet, *See*—
- Roy, Hugh, and Lecourt. 2,739,621.
- Lecourt, Valere. Display disc attachment device. 2,759,282, 8-21-56, Cl. 40—129.
- Electromatic Devices, Inc. *See*—
- Von Stoeser, Walter. 2,748,861.
- Ledbetter, Lonnie K. *See*—
- Lenhart, William E., Jr., and Ledbetter. 2,730,333.
- Ledden, Howard P., to American Cyanamid Co. Method of preparing melamine-formaldehyde resins, including vacuum dehydration. 2,759,355, 6-12-56, Cl. 260—67.6.
- Ledel, Carl. Combined record carrier and music stand. 2,742,147, 4-17-56, Cl. 206—62.
- Lederer, Frederick E. and B. M. Levin, Jr. Plastic container. 2,767,754, 10-23-56, Cl. 150—5.
- Lederer, George R. *See*—
- Adams, James, Jr., Lederer, and Marton. 2,766,159.
- Ledger, Henry B. Acoustic earrings with interchangeable ornaments. 2,752,764, 7-3-56, Cl. 63—29.
- Lederman, Albert and P. B. Dental X-ray film packet holder. 2,736,814, 2-28-56, Cl. 250—70.
- Lederman, Paul B. *See*—
- Lederman, Albert and P. B. 2,736,814.
- Ledgerwood, Leonard W., Jr. to Esso Research and Engineering Co. Apparatus for cyclic pellet impact drilling. 2,761,651, 9-4-56, Cl. 255—61.
- Ledinger, Max.  $\frac{1}{2}$  to Simmering-Graz-Pauker Aktiengesellschaft fur Maschinen, Kessel- und Waggonbau. Gas turbine. 2,737,366, 3-6-56, Cl. 253—39.15.
- Ledinger, Max.  $\frac{1}{2}$  to Simmering-Graz-Pauker Aktiengesellschaft fur Maschinen, Kessel- und Waggonbau. Gas turbine plant for pulverized fuel with combustion chamber surrounded by air cooling ducts. 2,770,947, 11-20-56, Cl. 60—39.46.
- Leditschke, Heinrich *See*—
- Ehrhart, Gustav, and Leditschke. 2,752,358.
- Ledloy Ltd. *See*—
- Wragge, William B. 2,760,394.
- Ledos, Maurice. Apparatus for measuring the human foot. 2,758,376, 8-14-56, Cl. 33—3.
- Ledoux, William. Reversible spindle guided picker for looms. 2,764,186, 9-25-56, Cl. 139—160.
- Ledrut, Jules H. T., to Heyden Pharmaco Co. Derivatives of the esters of beta-ketonic acids and process. 2,752,352, 6-28-56, Cl. 260—294.3.
- Ledeu, René. Aircraft cabin. 2,762,587, 9-11-56, Cl. 244—121.
- Ledwith, Walter A., to United Aircraft Corp. Locking means between compressor and turbine. 2,738,125, 3-13-56, Cl. 230—116.
- Ledwith, Walter A., to United Aircraft Corp. Blade fastening means. 2,751,189, 6-19-56, Cl. 253—7.
- Lee, Arthur L., to Pittsburgh Consolidation Coal Co. Timber setting machine. 2,738,081, 3-13-56, Cl. 214—1.
- Lee, Arthur L., to The Jeffrey Mfg. Co. Vertically adjustable steering wheel and support assembly. 2,747,886, 5-29-56, Cl. 280—87.
- Lee, Arthur L., to Pittsburgh Consolidation Coal Co. Mine haulage vehicle. 2,754,015, 7-10-56, Cl. 214—83.36.
- Lee, Asa R., to The Thomas & Betts Co. Two-piece pigtail connector. 2,748,186, 5-29-56, Cl. 174—87.
- Lee, Burton D., to The Texas Co. Method and apparatus for analysis of seismographic records. 2,732,025, 1-24-56, Cl. 181—5.
- Lee, Charles A. *See*—
- Crittenden, Adam J., and Lee. 2,736,246.
- Lee, Charles A., to Kimberly-Clark Corp. Hydraulic apparatus. 2,757,857, 3-13-56, Cl. 92—28.
- Lee, Charles A., to Kimberly-Clark Corp. Flow control apparatus. 2,756,648, 7-31-56, Cl. 92—44.
- Lee, Charles A., to Kimberly-Clark Corp. Flow control apparatus. 2,756,649, 7-31-56, Cl. 92—44.
- Lee, Charles A., to Kimberly-Clark Corp. Flow control apparatus. 2,756,650, 7-31-56, Cl. 92—44.
- Lee, Charles A., to Kimberly-Clark Corp. Papermaking machine. 2,756,651, 7-31-56, Cl. 92—44.
- Lee, Charles B. *See*—
- Brown, Ellis M., Lee, and Gilford. 2,745,369.
- Lee, Cora A. *See*—
- Lee, George E. 2,775,114.
- Lee, Donovan H. Process for producing steel rods for prestressing concrete. 2,764,514, 9-25-56, Cl. 148—12.3.
- Lee, Edmund S., III *See*—
- Elliott, Richard M., and Lee. 2,743,924.
- Lee, Ferman N., W. F. MacKenzie, A. C. D'Arcy, and A. G. Cicchetti, to United Shoe Machinery Corp. Heel attaching machines. 2,746,046, 5-22-56, Cl. 1—141.
- Lee, Filemon T. Machine for shredding paper or the like into strips. 2,770,302, 11-13-56, Cl. 164—60.
- Lee, Fred A., to International Harvester Co. Vehicle structure. 2,756,665, 7-31-56, Cl. 98—2.
- Lee, Fred A., to International Harvester Co. Combined hood panel and fender section. 2,761,523, 9-4-56, Cl. 180—69.
- Lee, Fred A., to International Harvester Co. Vehicle cab and front end mounting. 2,769,656, 11-6-56, Cl. 296—35.
- Lee, Frederick W. Apparatus for making seismic surveys. 2,743,785, 5-1-56, Cl. 181—5.
- Lee, George *See*—
- Silverman, Leslie, and Lee. 2,738,669.
- Lee, George E., deceased; A. C. Lee, administratrix of said G. E. Lee. Combination lock. 2,775,114, 12-25-56, Cl. 70—133.
- Lee, George H. Communication system utilizing magnetic recorders. Re. 24,170, 6-26-56, Cl. 179—6.
- Lee, George H. Torsion steering device. 2,747,323, 5-29-56, Cl. 46—1.
- Lee, George H. No-wipe oil dip stick. 2,771,680, 11-27-56, Cl. 33—126.4.
- Lee, George H., and C. F. Young. Nasal comparator. 2,749,908, 6-12-56, Cl. 128—2.
- Lee, Glenn R., to Continental Steel Corp. Spool and mandrel assembly. 2,770,425, 11-13-56, Cl. 242—46.2.
- Lee, Harold *See*—
- Hudson, William L., and Lee. 2,774,380.
- Lee, Henry Y. Container structure having a closure carrying a brush and an auxiliary reservoir. 2,736,050, 2-28-56, Cl. 15—140.4.
- Lee, Henry Y. Sectional gears. 2,748,618, 6-5-56, Cl. 74—139.
- Lee, Ingrid S. Rock pulling device. 2,760,283, 8-28-56, Cl. 37—2.
- Lee, James E., and S. F. Barney, to The Challenge Machinery Co. Printer's quoin. 2,735,650, 2-21-56, Cl. 254—42.
- Lee, James H., to Socony Mobil Oil Co., Inc. Radiant energy source for infrared spectroscopy and the like. 2,741,691, 4-10-56, Cl. 219—34.
- Lee, Jessie T. Tobacco curer. 2,759,721, 8-21-56, Cl. 263—19.
- Lee, John *See*—
- Finkelshtein, Jacob, and Lee. 2,773,875.
- Lee, John, and F. A. Smith, to Hoffman-La Roche Inc. Spirobarbituric acid compounds. 2,764,585, 9-25-56, Cl. 260—287.
- Lee, John A. *See*—
- White, James E., and Lee. 2,760,591.
- Lee, John C., and D. E. Gerlich, to O. W. and M. H. Holden, a partnership doing business as Knickerbocker Rubber Co. Aerator. 2,741,467, 4-10-56, Cl. 261—76.
- Lee, John D. Hangers for trousers. 2,769,586, 11-6-56, Cl. 223—95.
- Lee, John G., to United Aircraft Corp. Vortex generator. 2,740,596, 4-3-56, Cl. 244—40.
- Lee, John G., and H. H. Hoadley, to United Aircraft Corp. Transonic flow control with reduced power. 2,729,974, 1-10-56, Cl. 73—147.
- Lee, John W. *See*—
- Anderson, William M., McDonald, and Lee. 2,764,160.
- Lee, John W., to Pittsburgh Plate Glass Co. Glass cutter. 2,750,674, 6-19-56, Cl. 33—32.
- Lee, Julia S. Combination sewing cabinet, work table and storage space device. 2,746,825, 5-22-56, Cl. 312—28.
- Lee, Kenneth L. Automobile automatic and manual circuit breaker. 2,729,716, 1-3-56, Cl. 200—114.
- Lee, Leighton, II, to Pratt & Whitney Co., Inc. Control valve apparatus for turbo-jet engine. 2,731,983, 1-24-56, Cl. 137—622.
- Lee, Leighton, II, to Pratt & Whitney Co., Inc. Propeller pitch control apparatus. 2,751,026, 6-19-56, Cl. 170—135.72.
- Lee, Luther E. Parting and slotting tool. 2,744,451, 5-8-56, Cl. 90—33.
- Lee, Lyman S., and R. G. Beardsley, to Jack & Heintz, Inc. Automatic braking mechanism. 2,755,396, 7-17-56, Cl. 316—77.
- Lee, Madison, and C. V. Pellier, to Burndy Engineering Co., Inc. Method of forging a slotted bolt. 2,770,818, 11-20-56, Cl. 10—27.
- Lee, Milford R. *See*—
- Katz, Robert, Milner, and Lee. 2,737,594.
- Lee-Norse Co. *See*—
- Arentzen, Einar M. 2,766,871.
- Lee, Oscar C. Sphere cutting device. 2,741,285, 4-10-56, Cl. 146—106.
- Lee, Paul R., to Westinghouse Electric Corp. Thermostat apparatus. 2,774,846, 12-18-56, Cl. 200—138.
- Lee, Richard W., to The United States of America, as represented by the Secretary of War. Electrical apparatus for use with a sectional scan. 2,739,308, 3-20-56, Cl. 343—11.
- Lee, Robert E. Hand fishing device. 2,729,012, 1-3-56, Cl. 43—18.
- Lee, Robert F. Bottle cap and opener. 2,769,560, 11-6-56, Cl. 215—46.3.
- Lee, Robert J. *See*—
- Kelly, Joe T., and Lee. 2,758,960.
- Kelly, Joe T., Wadsworth, and Lee. 2,759,027.
- Lee, Roy C. Fuel injector. 2,730,342, 1-10-56, Cl. 261—41.

- Lee, Royal. Induction motors. 2,748,833, 5-29-56, Cl. 318-232.
- Lee, Ruby B. Combination flat tissue and roll-type paper towel holders. 2,738,898, 3-20-56, Cl. 221-35.
- Lee, Samuel. To American Home Products Corp. Inhibition of caking of soluble coffee and the inhibited product. 2,746,866, 5-22-56, Cl. 99-71.
- Lee, Sherman H.  $\frac{1}{2}$  to Cepco, and  $\frac{1}{2}$  to Lippincott & Smith. Light control fixture. 2,735,822, 2-21-56, Cl. 189-84.
- Lee, Shih-Ying. *See* Blackburn, John F. and Lee. 2,735,299.
- Lee, Shih-Ying. To Research Corp. Force-compensated flow valve. 2,747,612, 5-29-56, Cl. 187-622.
- Lee, Smith. *See* Campbell, Colin L. 2,770,419.
- Lee, Thomas F. and R. M. Wheeler, Jr. Newspaper and magazine rack. 2,765,926, 10-7-56, Cl. 211-106.
- Lee, Thomas O. Bottle rack. 2,772,787, 12-4-56, Cl. 211-75.
- Lee, Warren G. *See* Talney, Paul, Metheny, and Lee. 2,772,183.
- Lee, William J. *See* Duffy, Philip A., Jr., and Lee. 2,736,861.
- Lee, William L. *See* Pettijohn, Elmore S., Linden, and Lee. 2,734,810.
- Lee, William M. to Picker X-Ray Corp. X-ray table accessories. 2,757,997, 8-7-56, Cl. 311-11.
- Lee, William O., and C. Williams. to D. Napier & Son Ltd. Hot metal spray guns. 2,772,920, 12-5-56, Cl. 299-28.5.
- Lee, Yih-Hsun. Puzzle. 2,744,754, 5-8-56, Cl. 273-159.
- Leeb, John. *See* Wehrin, Richard P., and Leeb. 2,737,579.
- Leebow, Albert A. to Berkeley Industries. Article supporter. 2,735,846, 5-25-56, Cl. 42-1.
- Leece-Neville Co., The. *See* Gilchrist, Albert D. 2,738,457.
- Leech, Harold C. Lampshades. 2,732,489, 1-24-56, Cl. 240-108.
- Lech, Verne L. Means for turning and braking jet propelled aircraft. 2,738,147, 3-13-56, Cl. 244-52.
- Leed, Daniel, to Bell Telephone Laboratories, Inc. Automatic frequency control. 2,743,362, 4-24-56, Cl. 250-36.
- Leeds and Northrup Co. *See* Besselmeyer, W. Somerset, and Tauber. 2,752,147.
- Leeds, George L., Jr. 2,757,539.
- Brownell, John R. 2,741,983.
- Carolus, James B. 2,731,626.
- Carolus, James B. 2,732,560.
- Carolus, James B. and Cranch. 2,743,097.
- Cherry, Robert H., and Foley. 2,734,876.
- Cherry, Robert H., and Foley. 2,738,678.
- Cherry, Robert H., and Foley. 2,759,354.
- Cohn, Nathan. 2,773,994.
- Eckfeldt, Edgar R. 2,743,079.
- Enns, John H. 2,734,418.
- Fastie, William G. 2,737,809.
- Fastie, William G. 2,750,836.
- Fastie, William G. 2,757,568.
- Hill, George C. 2,744,439.
- Lévéque, Pierre. 2,745,803.
- Machler, Raymond C. 2,774,277.
- McCarron, Robert A., and Miller. 2,758,279.
- Phillips, William E. 2,754,429.
- Poister, Norman E. 2,735,330.
- Robertson, Donald. 2,732,416.
- Smerke, John J. 2,762,385.
- Spindler, Charles W., Jr. 2,744,227.
- Steinhaus, David W., and Crosswhite. 2,744,438.
- Yetter, Edward W. 2,755,434.
- Leeds, William G. *See* Wien, Ronald, Ashley, and Leeds. 2,731,500.
- Leeds, Winthrop M. *See* MacNeill, John B., Leeds, and Baker. 2,734,973.
- Leeds, Winthrop M. to Westinghouse Electric Corp. Circuit interrupters. 2,752,460, 6-26-56, Cl. 200-150.
- Leedy, Carroll A. *See* Buchanan, James L., and Leedy. 2,764,687.
- Leedy, Donald M. *See* Petrovich, Joseph G., and Leedy. 2,757,137.
- Leeman, Jan N. J. *See* Krijgsman, Centinus, Fontein, and Leeman. 2,754,963.
- Leeper, Charles L., to United Aircraft Corp. Fuel regulator responsive to combustion chamber pressure. 2,750,741, 6-19-56, Cl. 60-39.28.
- Leeper, Thomas A. *See* Giraitis, Albert P., Humphreys, and Leeper. 2,756,813.
- Giraitis, Albert P., Humphreys, and Leeper. 2,757,211.
- Leermakers, John A. *See* Vanselow, Waldemar, and Leermakers. 2,732,304.
- Lees, George, to Power Jets (Research and Development) Ltd. Welding of bladed rotors for turbines, compressors, etc. 2,773,169, 12-4-56, Cl. 219-117.
- Lees, Gerald M. Ice making machine and method of hydraulically harvesting ice. 2,763,996, 9-25-56, Cl. 62-106.
- Lees, Thomas M. *See* Sobin, Ben A., Routien, and Lees. 2,757,123.
- Tanner, Fred W., Jr., Lees, and Routien. 2,774,392.
- Leesemann, Charles J. G., to Esso Research and Engineering Co. Sweetening of hydrocarbons by reacting olefins with mercaptans in the presence of active light and then treating with a hypochlorite. 2,763,593, 9-18-56, Cl. 196-29.
- Leesser, Werner M., to The Steelcraft Mfg. Co. Mounting structure for horizontally pivoted windows. 2,758,681, 8-14-56, Cl. 189-69.
- Leete, Bernard D. *See* Lynch, Edward E., and Leete. 2,737,627.
- Lefebvre, John V. *See* Duncan, S. Lefebvre, and Rannels. 2,757,425.
- Le Febvre, Alfred L., to The Fuller Brush Co. Tube and socket connection and method of making. 2,752,179, 6-26-56, Cl. 287-119.
- Le Febvre, Alfred L., and D. M. Small, to Stanley Home Products, Inc. Mold handle snap connector. 2,736,915, 3-6-56, Cl. 15-147.
- Le Febvre, Alfred L., D. M. Small, A. O. Johnson and G. A. Cleveland, to Stanley Home Products, Inc. Apparatus for feeding a combined carrier tape and adhesive tape and for separating the tapes. 2,743,064, 4-24-56, Cl. 242-35.
- Le Febvre, Alfred L., A. O. Johnson, and W. J. Sliz, to Stanley Home Products, Inc. Grooving machine. 2,771,117, 11-20-56, Cl. 153-73.
- Lefebvre, Frank J., to Ivers-Lee Co. Dispensing carton for package strips. 2,771,214, 11-20-56, Cl. 221-26.
- Lefevre, Hubert M. Method of fabricating a cable variety stone cutting saw. 2,773,495, 12-11-56, Cl. 125-21.
- Leff, Benjamin. Three dimensional pelvimeter. 2,775,040, 12-25-56, Cl. 33-174.
- Leffer, Frederick A. V. to Universal Oil Products Co. Heater for fluids. 2,768,614, 10-30-56, Cl. 122-235.
- Leffer, Frederick W. V. to Universal Oil Products Co. Method for contacting sub-divided solid particles with different fluid systems with apparatus having superimposed contacting zones. 2,735,803, 2-21-56, Cl. 196-52.
- Lefferdink, Theodore B. *See* Stanton, George W., Lefferdink, and Spence. 2,736,946.
- Leffer, Nils G. Shielding shoe for filters. 2,754,007, 7-10-56, Cl. 250-10.
- Leffler, Nils G., to Svenska Cellulose Aktiebolaget. Barking machine having feed roller power-driven at certain peripheral speed or log-driven at higher speed. 2,774,397, 12-18-56, Cl. 144-247.
- Leffler, Robert. Self-curt having club receiving compartments. 2,757,012, 7-31-56, Cl. 280-47.19.
- Leffler, Robert, to Bendix Aviation Corp. Tilt indicator for gyroscope. 2,745,091, 5-8-56, Cl. 340-282.
- Leffler, Ulf H., to Holists. 2,771,197, 11-20-56, Cl. 212-8.
- Leffler, Ulf H. Automatic switch for overhead track. 2,746,397, 5-22-56, Cl. 104-101.
- Le Flem, Leon, to Societe Anonyme des Ateliers et Chantiers de la Loire. Ordnance stabilization system. 2,754,725, 7-17-56, Cl. 89-87.
- Le Foll, Jean. *See* Paris, Francois G., Le Foll, Bertin, and Baraut. 2,750,733.
- Lefrancois, Philip A. *See* Ribbett, Earl W., Burton, and Lefrancois. 2,743,215.
- Lefshin, Benjamin. Fork lift tractor scale. 2,757,923, 8-7-56, Cl. 265-40.
- Leftly, Stanley L. Piano tuning wrenches. 2,751,805, 6-26-56, Cl. 84-459.
- Le Gal, Albert. Fishing devices for casting. 2,736,979, 3-6-56, Cl. 43-20.
- Legan, Walter V. *See* Brown, Morden G., Robins, and Legan. 2,737,079.
- Legard, Robert H., Jr., and E. R. Meadows, to Celanese Corp. of America. Winding and twisting. 2,735,257, 2-21-56, Cl. 57-93.
- Legarra, Philip H., and M. C. Cutler, to Vibradamp Corp. Cutting die for glass fibers. 2,773,549, 12-11-56, Cl. 164-13.
- Legat, Robert C., to The G. E. Prentice Mfg. Co. Fastener. 2,741,820, 4-17-56, Cl. 24-206.
- Le Gault, Lionel H. *See* Formo, Jerome L., Le Gault, Bolstad, and Sinning. 2,773,048.
- Legal, Gaston V. Apparatus for teaching children to walk. 2,761,223, 9-4-56, Cl. 35-29.
- Le Gear, Daniel H. *See* Davis, George V., and Le Gear. 2,742,394.
- Legear, Dr. L. D. Medicine Co. *See* Davis, George V., and Le Gear. 2,742,394.
- Legeman, Ralph E. Gymnasium construction. 2,761,181, 9-4-56, Cl. 20-112.
- Leger, Delmas L., to The Panel-Master Co. Automatic sawing machine for cutting panels. 2,741,277, 4-10-56, Cl. 143.
- Le Gu Marinius Constantijn, to Mij, tot Ververveng in Expl. van Davitootroelen David-Co. N. V. Motor coupling means for boat hoisting winches. 2,768,811, 10-30-56, Cl. 254-184.
- Legg, Robert, Ltd. *See* Schreiber, Patrick Q. R. 2,732,928.
- Schreiber, Patrick Q. R. 2,738,629.
- Schreiber, Patrick Q. R. 2,763,307.
- Legg, Robert E., and J. Stephens, to Emhart Mfg. Co. Dieing machine load measuring system. 2,775,118, 12-25-56, Cl. 73-88.5.
- Legge, George D., to General Motors Corp. Ash receiver or the like. 2,770,388, 11-13-56, Cl. 220-15.
- Legge, Walter G. Electrostatic grounding devices for tables, equipment, and the like. 2,753,491, 7-3-56, Cl. 317-2.
- Leggett, Guy O., to Merit Products, Inc. Abrasive wheel assembly. Re. 24,143, 4-17-56, Cl. 51-193.5.
- Leggett, James F. *See* French, John W., and Leggett. 2,738,882.
- Legion Utensils Co. *See* Webber, Owen T. 2,755,795.
- Webber, Owen T. 2,756,425.



- Legler, Henry M., to Larus & Brother Co., Inc. Cigarette device. 2,746,890, 5-22-56, Cl. 131-4.
- Liegler, J. Edward. Musical instruments. 2,730,002, 1-10-56, Cl. 84-375.
- Legler, J. Edward. Musical instrument. 2,755,696, 7-24-56, Cl. 8-93.
- Legnaioli, Louis F. Building siding construction and shingle mounting strip therefor. 2,754,551, 7-17-56, Cl. 20-5.
- Legorju, Charles. See—
- Klein, Siegfried. 2,768,246.
- Le Gouffier, René J. Automatic switching system applicable to telephone. 2,735,893, 2-21-56, Cl. 179-18.
- Le Grand, Jesse S., to International Telephone and Telegraph Corp. Logarithmic amplifier detector. 2,729,743, 1-3-56, Cl. 250-27.
- Le Grand, Yves. See—
- Vanoff, Alexandre, Le Grand, and Cuvier. 2,730,014.
- Legro, Raymond P. See—
- Dow, Harry E., and Legro. 2,758,303.
- Legros, Robert G. Transmission mechanisms between axles or shafts. 2,759,375, 8-21-56, Cl. 74-796.
- Legrow, Jack B., and P. C. Joratz. Sorting and bagging apparatus. 2,732,164, 1-24-56, Cl. 249-17.
- Lehardy, Charles W. See—
- Bernhardt, Adolph C., Jr. 2,736,478.
- Lehde, John W., Jr. See—
- Better, Bernard R., and Lehde. 2,771,804.
- Better, Bernard R., and Lehde. 2,775,326.
- Lehde, Richard H. Timing device. 2,764,649, 9-25-56, Cl. 200-113.
- Lehigh Portland Cement Co. See—
- McCoy, Walter J. 2,744,831.
- Lehman, Belle M. See—
- Lehman, Dwight L. 2,736,475.
- Lehman, Carl S., to Crown Zellerbach Corp. Airplane propeller pack. 2,762,502, 9-11-56, Cl. 206-46.
- Lehman, Dwight L., to B. M. Lehman and 3/4 to B. C. Hughes. Holder and advertising medium for ice cream cones. 2,737,475, 2-28-56, Cl. 224-48.
- Lehman, Eugene, to McGraw Electric Co. Sealing enclosure for tank. 2,735,575, 2-21-56, Cl. 220-46.
- Lehman, Lewis H., to Productive Equipment Co. Inspection table for light transmitting products. 2,759,391, 8-21-56, Cl. 88-14.
- Lehman, Robert M. Front feeder shelf merchandizer. 2,735,553, 2-21-56, Cl. 211-49.
- Lehmann, Alfred. Garments with interlinings. 2,774,074, 12-18-56, Cl. 2-97.
- Lehmann, Alfred H. Dual socket, bolt-holding type wrench. 2,728,009, 7-3-56, Cl. 81-55.
- Lehmann, Ernst. Air heater. 2,733,899, 2-7-56, Cl. 257-255.
- Lehmann, George J. See—
- Kuczynski, Walter J., and Lehmann. 2,747,143.
- Lehmann J. M., Co., Inc. See—
- Hawkins, Albert E., and Landen. 2,759,774.
- Lehmann, Karl F. Shoe shining stand. 2,774,007, 12-18-56, Cl. 15-207.
- Lehmann, Wolfgang, and H. Rinke, to Farbenfabriken Bayer Aktiengesellschaft. Basic polyureas. 2,761,852, 9-4-56, Cl. 260-292.
- Lehner, Carl F. See—
- Watson, R. Elden, Boston, and Lehmeier. 2,756,876.
- Lehn, John U., to Animal Trap Co. of America. Trap. 2,761,240, 9-4-56, Cl. 43-81.
- Lehner, Edwin C., and J. A. Brendle, to Swift & Co. Flavor injection valve for ice cream. 2,748,724, 6-5-56, Cl. 107-1.
- Lehner, Felix, to Hans List. Arrangement with a rotary slide. 2,759,464, 8-21-56, Cl. 123-59.
- Lehovec, Kurt, to Sprague Electric Co. Transistor point contact arrangement. 2,773,224, 12-4-56, Cl. 317-235.
- Lehr, Adam W. See—
- Schladebach, Gert. 2,774,605.
- Lehr, Hanns H. See—
- Goldberg, Moses W., and Lehr. 2,755,278.
- Lehr, Paul D. Light assembly. 2,757,275, 7-31-56, Cl. 140-833.
- Lehr, Paul E., Brea, and R. C. McNeill, to Shell Development Co. Drilling rig safety device. 2,763,466, 9-18-56, Cl. 254-145.
- Lehrer, Erwin. See—
- Bartholomew, Ernst, Lehrer, and Lorenz. 2,738,859.
- Leht, August, 20% to Mrs. A. Ennok, and M. Bjornal. Process of making bricks. 2,733,996, 2-7-56, Cl. 106-97.
- Leibensperger, Charles I. Pump rod assembly. 2,773,671, 12-11-56, Cl. 255-28.
- Leibfried, C. H. Mfg. Corp. See—
- Leibfried, Christian H. 2,756,014.
- Leibfried, Christian H., to C. H. Leibfried Mfg. Corp. Spring hangers. 2,756,014, 7-24-56, Cl. 248-34.
- Leibing, William E. Fuel metering means. 2,759,467, 8-21-56, Cl. 123-119.
- Leibing, William E. Control mechanism for drill presses. 2,774,201, 12-18-56, Cl. 77-55.
- Leibow, Saul. Venetian blind lock. 2,751,653, 6-26-56, Cl. 24-73.
- Leibowitz, Michael R. Self-adjusting socket wrench. 2,764,050, 9-25-56, Cl. 81-91.
- Leibowitz, Reuben. See—
- Adelman, Milton, Burke, and Leibowitz. 2,765,440.
- Leibu, Henry J., to E. I. du Pont de Nemours and Co. Carbonylation of aromatic halides. 2,734,912, 2-14-56, Cl. 260-475.
- Leibu, Henry J., to E. I. du Pont de Nemours and Co. Process for preparing pure dimethylterephthalate from the carbonylation of aromatic halides. 2,773,090, 12-4-56, Cl. 260-475.
- Leich Electric Co. See—
- Boswau, Hans P. 2,762,864.
- Leichensring, Max. Fluid operated cyclic control for brake light circuits. 2,748,218, 5-29-56, Cl. 200-83.
- Leichter, Henry S. Folding sectional table or the like. 2,747,956, 5-29-56, Cl. 311-89.
- Leida, Harry V., to McGraw Electric Co. Light projector. 2,773,174, 12-4-56, Cl. 240-12.
- Leidahl, Albert C. Marking gage for rules. 2,763,065, 9-18-56, Cl. 33-173.
- Leifer, Lorenz A., to Gisholt Machine Co. Balanced rotary chuck. 2,729,459, 1-3-56, Cl. 279-119.
- Leifer, Lorenz A., to Gisholt Machine Co. Hydraulic motor adaptable for machine tools. 2,736,207, 2-28-56, Cl. 74-242.15.
- Leifer, Meyer, to Sylvania Electric Products Inc. Method for assembling transistors. 2,762,954, 9-11-56, Cl. 317-235.
- Leigh, Hazel M. See—
- Eppstein, Samuel H., and Leigh. 2,742,486.
- Eppstein, Samuel H., and Leigh. 2,759,004.
- Leigh, Leonard P. Deicing apparatus for jet engines. 2,750,737, 6-19-56, Cl. 60-39.09.
- Leigh, Nathan J., to Einson-Freeman Co., Inc. Sectional cardboard display device. 2,737,742, 3-13-56, Cl. 40-125.
- Leigh, Sidney. See—
- Bruce, John. 2,754,575.
- Leigh, Thomas, to Imperial Chemical Industries Ltd. Manufacture of brominated steroid compounds. 2,734,899, 2-14-56, Cl. 260-239.53.
- Leighton, Francis, to Marman Products Co., Inc. Serrated seal. 2,747,897, 5-29-56, Cl. 285-129.
- Leighton, Philip S. See—
- Frost, Frederick H., and Leighton. 2,759,847.
- Leighton, William B. See—
- Browning, Frank M., and Leighton. 2,760,594.
- Browning, Frank M., and Leighton. 2,772,747.
- Lein, Arthur P. See—
- Johnson, Carl E., Lein, and McCaulay. 2,768,986.
- Lein, Joseph. See—
- Hatch, Alden B., Hunt, and Lein. 2,763,591.
- Lein, Joseph, and A. Gourevitch, to Bristol Laboratories Inc. Production of tetracycline. 2,739,924, 3-27-56, Cl. 195-80.
- Leino, Arnie E. Length and square guide for a power hand saw. 2,772,707, 12-4-56, Cl. 143-47.
- Leins, Oscar J., to Milwaukee Gas Specialty Co. Automatic control device. 2,731,529, 1-17-56, Cl. 200-138.
- Leis, Anthony F. See—
- Castro, Bernard, and Leis. 2,752,613.
- Leisenring, Theodore C. Spray guns. 2,758,873, 8-14-56, Cl. 299-118.
- Leisk, Roland T. See—
- Cottrell, Robert B., and Leisk. 2,751,051.
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- Leitch, Francis C. See—
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- Leitch, James E. See—
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- Spring, Carl E. 2,753,236.
- Leitner, George J. See—
- Fath, Joseph, and Leitner. 2,745,832.
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- Leitner, Lionel J. and I. A. 2,775,355.
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- Leitz, Ernst, G. m. b. H. See—
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- Leitzel, Raymond H.: *See*—  
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- Le Jeune, Lloyd M.: *See*—  
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- Lekgard, Sverre A. Bark peeling device. 2,745,176, 5-15-56, Cl. 30-121.
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- Leland Stanford Junior University, The Board of Trustees of the: *See*—  
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- Le Mar, Dan B.: *See*—  
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- Lemelson, Jerome H. Toy mine detector. 2,749,663, 6-12-56, Cl. 46-236.
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- Lemieux, George W., to Beacon Mfg. Co. Household blanket. 2,740,434, 3-13-56, Cl. 139-39.1.
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- Lemke, Charles H.: *See*—  
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- Lemley, Grover C., to Richlite Mfg. Co. Automobile clothes post. 2,764,332, 9-25-56, Cl. 224-42.45.
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- Lemons, Carl R., to Douglas Aircraft Co., Inc. Process for forming a multi-ducted shell. 2,755,216, 7-17-56, Cl. 154-110.
- Lemont, Harold E., Jr., and A. Berger, to Jacobs Aircraft Engine Co. Blade for aircraft and manufacture thereof. 2,751,988, 6-26-56, Cl. 170-159.
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- Lenk, Walter, to Barmer Maschinenfabrik Aktiengesellschaft. Yarn tension appliance for twisting spindles. 2,762,583, 9-11-56, Cl. 242-147.
- Lenk, Wilhelm. Winding bobbin carrier frame. 2,762,582, 9-11-56, Cl. 242-130.
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- Lenkeit, Willy W., and J. Biggel. Needle-moving mechanism for knitting machines. 2,729,081, 1-3-56, Cl. 66-77.
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- Lennartz, Walter. Reinforcing and supporting means of plastic material for articles consisting of the same material. 2,741,572, 4-10-56, Cl. 154-43.
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- Lennox, Thomas H.: See—  
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- Lens, Georges X., to International Standard Electric Corp. Feed mechanism for letters or similar flat objects. 2,761,680, 9-4-56, Cl. 271-12.
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- Lent, Constantin P. Typewriter with multiple type faces. 2,762,486, 9-11-56, Cl. 197-49.
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- Lentz, Charles W.: See—  
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- Lenz, Bernhard,  $\frac{1}{2}$  to Jagenberg-Werke Akt.-Ges. Mechanism for extracting the rewind shaft from a core of a re-wind roll and inserting this shaft into the core of a roll to be re-wound. 2,772,938, 12-4-56, Cl. 242-55.
- Lenz, Charles E. Upholstery cushions. 2,761,493, 9-4-56, Cl. 155-179.
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- Lenz, Robert E., to Monsanto Chemical Co. Vinyl chloride production. 2,762,850, 9-11-56, Cl. 260-656.
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- Léon, Joseph, to Society "Blipson," S. A. Sound transducers. 2,732,907, 1-31-56, Cl. 181-31.
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- Leonard, Norris C. Low-adhesion silicone-containing chewing gum. 2,761,782, 9-4-56, Cl. 99-135.
- Leonard, Raymond J. Cable connector. 2,753,541, 7-3-56, Cl. 339-274.
- Leonard, Richard H., to Newport Industries, Inc. Method of converting alpha angelica lactone into beta angelica lactone. 2,761,869, 9-4-56, Cl. 260-343.6.
- Leonard, Thomas M.: See—  
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- Leonard, William D., to York Corp. Reversing valves. 2,741,264, 4-10-56, Cl. 137-625.5.
- Leonardi, Benedict R. Filter. 2,734,435, 2-14-56, Cl. 99-132.
- Leone, Martin R. Racing hull. 2,741,207, 4-10-56, Cl. 114-66.5.
- Leone, Vincent D. Sample receiving projectile for side wall core sampler. 2,773,427, 12-25-56, Cl. 255-1.4.
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- Lepley, Allen E., to Thompson Products, Inc. Alternator control system. 2,753,465, 7-3-56, Cl. 290-4.
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- Lepper, Wilhelm: See—  
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- Lerner, Hershey, to Swingline, Inc. Flexible cartridge or refill for stapling machines. 2,743,445, 5-1-56, Cl. 1-56.
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- Leserman, Carl : *See*—  
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- Lesh, James B. : *See*—  
Porsche, Jules D., Lesh, and Grossnickle. 2,765,299.
- Leshner, Herbert A., to E. I. du Pont de Nemours and Co. Apparatus for heat-sealing thermoplastic material. 2,768,272, 10-23-56, Cl. 219-19.
- Leshin, Richard, to The Goodyear Tire & Rubber Co. Preparation of sulfenamides. 2,772,279, 11-27-56, Cl. 260-306-6.
- Lesigne, Henri L., to Compagnie Industrielle des Telephones. Device for selecting PLS lines. 2,764,635, 9-25-56, Cl. 179-18.
- Lesigne, Henri L., and J. G. Demartres, to Compagnie Industrielle des Telephones. Automatic telecommunication switching system. 2,747,022, 5-22-56, Cl. 179-18.
- Lesjak, Babetta V. : *See*—  
Lesjak, Michael. 2,769,381.
- Lesjak, Michael, deceased, by B. V. Lesjak, executrix. Apparatus for daylight developing, fixing and washing of light sensitive strips. 2,769,261, 11-6-56, Cl. 95-90.5.
- Lesk, Israel A., to General Electric Co. Non-linear resistance device. 2,769,926, 11-6-56, Cl. 307-88.5.
- Leske, Jack C. : *See*—  
Anderson, Bror E., and Leske. 2,738,557.
- Leslie, Charles B. : *See*—  
Brown, John, and Leslie. 2,760,159.
- Leslie, Donald J. Swimming pool water level control system. 2,739,939, 3-27-56, Cl. 210-11.
- Leslie, Donald J. Step-by-step electrical circuit controller. 2,742,537, 4-18-56, Cl. 96-2.
- Leslie, Edward S., and J. L. Pettus, to Radio Corp. of America. Multiple position switch. 2,740,005, 3-27-56, Cl. 200-17.
- Leslie, Eugene H., and J. M. Crookin, to Blaw-Knox Co. System for the agglomeration of solvent-extracted fine solid organic particles. 2,761,301, 6-19-56, Cl. 96-2.
- Leslie, Howard O., to Real View, Inc. Optical device of foldable material. 2,768,554, 10-30-56, Cl. 88-29.
- Leslie, John G., and L. N. Robinson, to Erie City Mfg. Co. Invalid walker. 2,733,754, 2-7-56, Cl. 155-22.
- Leslie, Philip, and F. J. R. Barton, to themselves and E. W. Smith. Method of making a pattern for an article of wearing apparel. 2,743,140, 5-15-56, Cl. 18-56.
- Leslie, Walter G., and D. T. Gundersen, to Cook Electric Co. Magnetostatic relay. 2,764,647, 9-25-56, Cl. 200-87.
- Lesner, William S. Combining square and gauge block. 2,754,595, 7-17-56, Cl. 33-112.
- Lesparre, Jean N., and C. J. Filipowicz, to Armour and Co. Preparation of animal brains. 2,772,980, 12-4-56, Cl. 29-194.
- Less, Joseph W., to One-in-Hand-Tie Co. Methods for manufacturing neckties. 2,752,604, 7-3-56, Cl. 2-146.
- Lessard, Herve A. Apparatus for handling and storing sheets of material. 2,756,090, 7-24-56, Cl. 294-67.
- Lessells and Associates, Inc. : *See*—  
Hewson, Thomas A. 2,768,879.
- Visconti, Joseph V. 2,761,115.
- Lesser, Harold M. Trailer tiltable on longitudinally shiftable axle mounting. 2,753,064, 7-3-56, Cl. 214-506.
- Lessler, Lew, to De Jur-Amasco Corp. Motion picture film magazine. 2,756,940, 7-31-56, Cl. 242-71.
- Lessler, Lew W., to De Jur-Amasco Corp. Claw and shutter arrangement for a camera. 2,741,152, 4-10-56, Cl. 88-18.4.
- Lesslie, Thomas E. : *See*—  
Downey, Paul M., and Lesslie. 2,766,253.
- Lessmann, Herbert F., to A. C. Anderson, Inc. Loader machine. 2,775,356, 12-25-56, Cl. 214-140.
- Lester, Lawrence L., Jr. Device unit for sectional frame and door construction. 2,742,144, 4-17-56, Cl. 206-60.
- Lester, Ray F., to Crouse-Hinds Co. Lighting unit. 2,753,446, 7-3-56, Cl. 240-128.
- Lester, Ray V. : *See*—  
Croco, Charles P., Jennings, Lester, and Steinert. 2,752,629.
- Lester, Ray V., to Westinghouse Electric Corp. Automatic arc welder with low idling voltage. 2,769,118, 10-30-56, Cl. 315-17.4.
- Lester, Robert M., Jr. : *See*—  
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- Lesti, Arnold, to International Telephone and Telegraph Corp. Intercommunication systems. 2,766,327, 10-9-56, Cl. 179-18.
- Lestrin, John A. Decoy. 2,736,120, 2-28-56, Cl. 43-3.
- Leston, Theodore I., and W. B. Kriewall, to Eutectic Welding Alloys Corp. Rod feeding apparatus. 2,738,053, 3-13-56, Cl. 203-230.
- Leston, Theodore I., and W. B. Kriewall, to All-Sil Welding Metals, Inc. Hot blasting tool with fluid jet. 2,772,346, 11-27-56, Cl. 219-12.
- Le Suer, William M., to The Lubrizol Corp. Process for the preparation of substantially pure metal salts of organic sulfonic acids. 2,760,970, 8-28-56, Cl. 260-429.
- Les Veaux, John F., to Food Machinery and Chemical Corp. Method of producing fused bentonite-sulfur having a stable colloidal sulfur content. 2,773,798, 12-11-56, Cl. 167-20.
- Leta, Lucian J. : *See*—  
Salzman, Leo, Leta, and Borell. 2,731,455.
- Lethelin Products Co., Inc. : *See*—  
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- Le Tourneau, R. G., Inc. : *See*—  
Le Tourneau, Robert G. 2,729,298.
- Le Tourneau, Robert G. 2,733,770.
- Le Tourneau, Robert G. 2,748,878.
- Le Tourneau, Robert G. 2,763,331.
- Le Tourneau, Robert G., to R. G. Le Tourneau, Inc. Wheel mounted motor and air-operated clutch with electrical control therefor. 2,729,298, 1-3-56, Cl. 180-60.
- Le Tourneau, Robert G. Electromagnetic brake. 2,729,310.
- Le Tourneau, Robert G., to R. G. Le Tourneau, Inc. Vehicle body inductively heated by dynamic braking. 2,733,770, 2-7-56, Cl. 180-1.
- Le Tourneau, Robert G., to R. G. Le Tourneau, Inc. Wheeled tractor. 2,747,878, 6-5-56, Cl. 180-6.2.
- Le Tourneau, Robert G. Adjustment for electrically controlled brake unit. 2,756,846, 7-31-56, Cl. 188-171.
- Le Tourneau, Robert G. Rotatable brush mounting ring. 2,760,095, 8-21-56, Cl. 310-241.
- Le Tourneau, Robert G. Voltage regulating system. 2,761,097, 8-28-56, Cl. 318-148.
- Le Tourneau, Robert G. Excavating machine. 2,762,141, 9-11-56, Cl. 37-190.
- Le Tourneau, Robert G., to R. G. Le Tourneau, Inc. Power operated cable steering means for a four wheel driven tractor. 2,763,331, 9-18-56, 180-45.
- Le Tourneau, Robert G. Slip ring construction. 2,774,898, 12-18-56, Cl. 310-382.
- Le Tourneau, Robert G., R. Matteson, and V. Waithman, to California Research Corp. Hydrocarbon analysis and control in crystallization processes. 2,750,433, 6-12-56, Cl. 260-674.
- Letilliart, Pierre, to Forges et Ateliers de Constructions Electriques de Jeumont. Frequency converter groups. 2,729,782, 1-3-56, Cl. 321-63.
- Letrilliart, Pierre, and J. Bichet, to Forges et Ateliers de Constructions Electriques de Jeumont. Control systems for electro-thermal group. 2,738,454, 3-13-56, Cl. 318-146.
- Letroux, Jeanne : *See*—  
Titone, George, and Letroux. 2,748,772.
- Letterman, Charles B., to Underwood Corp. Ribbon vibrating mechanism for typewriters and like machines. 2,752,026, 6-26-56, Cl. 197-157.
- Letterman, Charles B., to Underwood Corp. Impression regulating control for power driven typewriters. 2,757,774, 8-7-56, Cl. 197-17.
- Letts, Harold D., to H. B. Salkeld. Continuous mining machine with adjustable tubular cutters. 2,733,057, 1-31-56, Cl. 262-7.
- Leubner, Gerhard W. : *See*—  
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- Leuven, Axel J. E., to Aktiebolaget Svenska Kullagerfabriken, Kullager mill. 2,743,263, 12-18-56, Cl. 80-56.
- Leuvenius, Karl J. G., to Jari Products, Inc. Rotary snow plow. 2,732,638, 1-31-56, Cl. 37-43.
- Leupold, Curt W., to Vereinigte Papierwerke Schickendanz & Co. Hygienic insertion for women. 2,771,882, 11-27-56, Cl. 129-190.
- Leupold, Curt W. Folded and compressed sanitary napkin. 2,772,678, 12-4-56, Cl. 128-290.
- Leupold, Marcus : *See*—  
Range, Arthur L. Stevens, and Leupold. 2,730,709.
- Leupold, Marcus, to Leupold & Stevens Instruments, Inc. Telescope sight mount. 2,743,523, 5-1-56, Cl. 33-50.
- Leupold & Stevens Instruments, Inc. : *See*—  
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- Leupold, Marcus, Stevens, and Leupold. 2,730,709.
- Leuschner, Harry O. Desk mounted combination fan and heater. 2,734,990, 2-14-56, Cl. 219-39.
- Leutert, Walter W., to Brematex. Spinning machines, including annular balloon limiters. 2,773,345, 12-11-56, Cl. 57-106.
- Lentholt, Eugen. Multiple way inverse feed-back connection. 2,761,021, 8-28-56, Cl. 179-171.
- Leuninger, Jacques, to Stahar Steel & Hard Metal Import Trading Co. Facing head particularly for the milling of steel bronze and cast iron. 2,751,663, 6-26-56, Cl. 29-105.
- Lev, Benjamin. Fabric cutting machine with means to lubricate the cutter. 2,743,471, 6-5-56, Cl. 30-123.
- Le Van, Ambrose E., to American Machine and Metals, Inc. Comparator for tapered pieces. 2,731,825, 1-24-56, Cl. 73-37.5.
- Le Van, Ambrose E., and P. W. Harland, to American Machine and Metals, Inc. Instrument case. 2,739,480, 3-27-56, Cl. 73-374.
- Levasseur, Robert, to Centre National de la Recherche Scientifique (C. N. R. S.). High power generators of sounds and ultra-sounds. 2,755,767, 7-24-56, Cl. 116-137.
- Le Veille, Philip E. : *See*—  
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- Levelli, Thomas J., and J. H. Douma, to Ford Motor Co. Power brake with variable ratio lever. 2,755,891, 7-24-56, Cl. 138-152.
- Levendoski, Alfred E. : *See*—  
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- Levengood, William C., to Libbey-Owens-Ford Glass Co. Flaw detection. 2,765,652, 10-9-56, Cl. 73-104.
- Levengood, William C., to Libbey-Owens-Ford Glass Co. Glass composition and batch therefor. 2,773,775, 12-11-56, Cl. 106-52.



- Levenson, Gerald I. P., to Eastman Kodak Co. Manufacture of sodium thiosulfate from sodium sulfite and sulfur in presence of cationic surface active organic bromides. 2,763,531, 9-18-56, Cl. 23—115.
- Levenson, Irving B.: See—
- Lynes, John T. 2,730,290.
- Lynes, John T. 2,742,220.
- Levenson, Robert S., to Metropolitan Telephone Supply Corp. Connection block for an electromagnetic polar relay. 2,734,179, 2-7-56, Cl. 339—217.
- Levesque, Pierre, to Leeds and Northrup Co. Polarographic electrode. 2,745,803, 5-15-56, Cl. 204—195.
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- Ditmar, Willem P. A. 2,757,072.
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- Eckardt, Wolfgang M. J. 2,750,327.
- Eckardt, Wolfgang M. J., and Preisinger. 2,769,748.
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- James, Frederick O., and Humphreys. 2,755,294.
- Jenner, Victor G., and Worstall. 2,753,099.
- Ruff, Edgar E. 2,733,215.
- Schmidt, Werner H., and Shafer. 2,772,976.
- Scott, Alan D. 2,768,956.
- Shafer, Stanley I., Gudheim, and Schmidt. 2,745,750.
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- Walting, Chevat C. 2,700,969.
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- Raichman, Jan A., and Leverenz. 2,742,631.
- Leverenz, Humboldt W., to Radio Corp. of America. Semiconductor devices and their manufacture. 2,748,041, 5-29-56, Cl. 143—33.
- Leverenz, Humboldt W., to Radio Corp. of America. Tri-color phosphor screens. 2,757,304, 7-31-56, Cl. 313—92.
- Leverenz, Humboldt W., to Radio Corp. of America. Color television kinescopes. 2,774,003, 12-11-56, Cl. 313—92.
- Leverenz, Humboldt W., to Radio Corp. of America. Fish hook spreader. 2,729,911, 1-10-56, Cl. 43—42,74.
- Leverth, Charles A., Jr. Fishhook spreader. 2,774,172, 12-18-56, Cl. 43—42,74.
- Levesque, George N.: See—
- Krause, August L., and Levesque. 2,757,521.
- Levey, Fred H. Co., Inc.: See—
- Bodenschatz, William A., Sr., and W. A. Bodenschatz, Jr. 2,760,945.
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- Levi, Daisy. Interlocking seams reversible garments and method for making the same. 2,759,192, 8-21-56, Cl. 2—227.
- Levi, David L.: See—
- Gross, Philipp, and Levi. 2,760,857.
- Gross, Philipp, and Levi. 2,764,480.
- Levi, Irving, and E. Lozinski, to Charles E. Frosst & Co. Process for producing dextran products suitable for pharmaceutical and therapeutic preparations. 2,762,727, 9-11-56, Cl. 127—36.
- Levie, Nola D.: See—
- Hubbard, Warren M., and Levie. 2,739,402.
- Levin, Alexander, to the United States of America, as represented by the Secretary of the Army. Auxiliary air feeding device for stoves. 2,745,397, 5-15-56, Cl. 126—77.
- Levin, Benjamin M., Jr.: See—
- Lederer, Frederick E. 2,767,754.
- Levin, Carl A., to Ditto, Inc. Feed roll driving means for duplicating machines. 2,740,353, 4-3-56, Cl. 101—132.
- Levin, David: See—
- Ratzer, Arthur F., and Levin. 2,767,141.
- Levin, David. Cloth cutting table and machine. 2,742,964, 4-24-56, Cl. 164—75.
- Levin, Joel. Bobby pin receptacle and spreader. 2,734,516, 2-14-56, Cl. 132—1.
- Levin, Jordan: See—
- Zinamon, Martin, Semlitz, and Levin. 2,769,584.
- Levin, Morris B.: See—
- Gilman, Morris A., Riback, and Levin. 2,732,449.
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- Fonken, Gunther S., and Levin. 2,752,371.
- Fonken, Gunther S., Levin, and McIntosh. 2,772,299.
- Hanze, Arthur R., and Levin. 2,751,401.
- Magerlein, Barney J., and Levin. 2,771,467.
- Magerlein, Barney J., McIntosh, and Levin. 2,773,059.
- Marlatt, Paul E., Hanze, McIntosh, and Levin. 2,752,565.
- Levin, Robert H., B. J. Magerlein, and A. V. McIntosh, Jr., to The Upjohn Co. Process for the production of  $\Delta^4$ -keto-pregnanes. 2,734,907, 2-14-56, Cl. 260—397,45.
- Levin, Robert H., B. J. Magerlein, and A. V. McIntosh, Jr., to The Upjohn Co. Steroid ketals. 2,773,060, 12-4-56, Cl. 260—399,55.
- Levin, Samuel. Window guard. 2,757,031, 7-31-56, Cl. 292—5.
- Levin, William: See—
- Foresta, Dominick G., and Levin. 2,753,222.
- Levine, Arnold M., to International Telephone and Telegraph Corp. Generation of harmonics from high frequency components of received signal for addition to received signal. 2,759,997, 8-21-56, Cl. 178—7,3.
- Levine, Arnold M., and H. Altman, to International Telephone and Telegraph Corp. Self-gating synchronizing circuit. 2,771,507, 11-20-56, Cl. 178—69,5.
- Levine, Donald J.: See—
- Goldstein, Ladislav, Levine, and Sichak. 2,745,072.
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- Levine, Harry. Apparatus for attaching bridge stops to slide fasteners. 2,732,760, 1-24-56, Cl. 153—1.
- Levine, Herbert. Hesel. 2,752,698, 7-3-56, Cl. 36—34.
- Levine, Herman. Spaghetti fork. 2,748,479, 6-5-56, Cl. 30—323.
- Levine, Hyman, to Big Joe Mfg. Co. Inc. Lifting trucks. 2,738,034, 8-13-56, Cl. 188—29.
- Levine, Hyman S. Shade guide. 2,756,504, 7-31-56, Cl. 32—71.
- Levine, Irving E., and W. G. Toland, Jr., to California Research Corp. Oxidation of toluate esters and xylene mixtures. 2,772,305, 11-27-56, Cl. 260—475.
- Levine, Leonard. Lunch boxes. 2,761,552, 9-4-56, Cl. 204—4.
- Levine, Louis M., to Mejur Corp. Adjustable measuring and delivery device for milk or other liquid. 2,736,463, 2-28-56, Cl. 222—26.
- Levine, Nathan, to Babcock-Davis Associates, Inc. Sliding door mechanism. 2,736,931, 3-6-56, Cl. 20—19.
- Levine, Paul. Cloth-guiding devices. 2,752,151, 6-26-56, Cl. 271—2,6.
- Levine, Paul. Magnetic thread-tensioners. 2,768,796, 10-30-56, Cl. 242—155.
- Levine, Sam, to John Gombos Co., Inc. Electrical switches. 2,767,958, 1-20-56, Cl. 200—61,39.
- Levinson, Benjamin L., to Royal Electric Co., Inc. Display container. 2,773,590, 12-11-56, Cl. 206—45,34.
- Levinson, Harry, G. H. Stoner, and E. N. Tangen, to Boeing Airplane Co. Magnetic fluid clutch with cooling means. 2,745,800, 5-1-56, Cl. 192—21,5.
- Levinson, Samuel H. Dispensing guide element for cartons. 2,735,593, 2-21-56, Cl. 222—531.
- Levis, William W., Jr.: See—
- Goshorn, Roland H., and Levis. 2,766,223.
- Jaun, Ernest, and Levis. 2,767,212.
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- Thornhill, Peter W. 2,737,301.
- Levitt, Marvin A.: See—
- Freedman, Meyer L., and Levitt. 2,766,119.
- Levitt, Abraham, to the United States of America as represented by the Secretary of Agriculture. Process for the microbiological synthesis of vitamin B<sub>2</sub> active substances. 2,753,289, 7-3-56, Cl. 195—42.
- Levitt, Abraham, to the United States of America as represented by the Secretary of Agriculture. Process for the preparation of concentrates of vitamin B<sub>2</sub> active substances. 2,764,521, 9-25-56, Cl. 167—81.
- Levitt, Ben B. Vortex type air cooler. 2,731,811, 1-24-56, Cl. 62—136.
- Levitt, Joshua. Foot correcting and supporting attachment. 2,734,285, 2-14-56, Cl. 36—8,5.
- Levitt, Leo L.: See—
- Ingersoll, James H., White, Kovalick, Hegyi, Ruisard, and Levitt. 2,775,073.
- Levitt, Leonard S. Process for purification of thiophene. 2,745,848, 15-56, Cl. 260—332,8.
- Levitt, Semond, to Sperry Rand Corp. Function table. 2,749,484, 6-5-56, Cl. 317—99.
- Levkoff, David. Boxes or cartons. 2,730,293, 1-10-56, Cl. 229—31.
- Levkoff, David,  $\frac{1}{4}$  to E. S. and  $\frac{1}{4}$  to H. S. Levkoff, and  $\frac{1}{4}$  to E. L. Sennet. Boxes or cartons. 2,750,098, 6-12-56, Cl. 229—27.
- Levkoff, David,  $\frac{1}{4}$  to E. S. Levkoff,  $\frac{1}{4}$  to H. S. Levkoff, and  $\frac{1}{4}$  to E. L. Sennet. Boxes or cartons. 2,755,012, 7-17-56, Cl. 229—14.
- Levkoff, Evelyn: See—
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- Levkoff, David. 2,755,012.
- Levy, Abram, Jr. Straight beam adjustable jaw clamp. 2,750,972, 6-19-56, Cl. 144—303.
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- Levy, Richard A., and C. J. 2,773,175.
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- Levy, Edward M., to Reflector Hardware Corp. Display and merchandise support. 2,766,958, 10-16-56, Cl. 248—223.
- Levy, Fred H. Co., Inc.: See—
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- Levy, Gustave, to National Union Electric Corp. Dark trace cathode-ray tube and method of manufacture. 2,755,404, 7-17-56, Cl. 313—91.
- Levy, Harold, and M. L. Mednick, to G. D. Searle & Co. 4-hydroxytestosterone and esters thereof. 2,762,818, 9-11-56, Cl. 260—397,4.
- Levy, Irving E., to Raytheon Mfg. Co. High-temperature getters for electronic tubes. 2,747,124, 5-22-56, Cl. 313—174.
- Levy, John T., and J. F. Burrows, 75% to said Levy and 25% to C. T. Syversen. Rain brush protector and shaper. 2,767,830, 10-23-56, Cl. 206—15,1.
- Levy, Joseph, to Nopco Chemical Co. Process for preparing benzhydryl ethers. 2,751,388, 6-19-56, Cl. 260—294,7.

- Levy, Joseph, and G. A. Bernotsky, to Nopco Chemical Co. Hydrogenation process. 2,767,190, 10-16-56, Cl. 260—262-2.
- Levy, Joseph P.,  $\frac{1}{2}$  to I. Ergas and  $\frac{1}{2}$  to W. A. McPhail. Burglar alarm and like warning systems. 2,745,089, 5-8-56, Cl. 340—236.
- Levy, Joseph P., Production of pure titanium and zirconium. 2,772,875, 12-4-56, Cl. 268—35.
- Levy, Marilyn, to the United States of America as represented by the Secretary of the Army. Photothermographic substances. 2,739,893, 3-27-56, Cl. 95—7.
- Levy, Marilyn, to the United States of America as represented by the Secretary of the Army. Sensitizer for photothermographic substances. 2,756,146, 7-24-56, Cl. 95—7.
- Levy, Marilyn, and H. Schulze, to United States of America as represented by the Secretary of the Army. Photothermographic substance. 2,758,028, 8-7-56, Cl. 95—7.
- Levy, Marilyn, and H. Schulze, to the United States of America as represented by the Secretary of the Army. Photothermographic substance. 2,759,819, 8-21-56, Cl. 95—7.
- Levy, Marion I., to the National-U. S. Radiator Corp. Bearing. 2,739,852, 3-27-56, Cl. 308—121.
- Levy, Maurice M., *See*:  
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 Levy, Maurice M., to the General Electric Co. Ltd. Automatic exchanges. 2,736,773, 2-28-56, Cl. 179—18.  
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 Levy, Sidney E., to University Loudspeakers, Inc. Reflex type loudspeakers. 2,746,558, 5-22-56, Cl. 181—27.  
 Levy, Sidney E. Horn for loudspeakers. 2,751,996, 6-26-56, Cl. 181—27.  
 Levy, Sidney E., to University Loudspeakers, Inc. Blast-proof and submergence-proof sound reproducing device. 2,755,343, 7-17-56, Cl. 179—15.  
 Levy, Sylvan M., to Delaware Tool Steel Corp. Shank and bushing assembly for pneumatic tools. 2,757,007, 7-31-56, Cl. 279—19.6.  
 Levy, William B., to Delaware Tool Steel Corp. Forge furnace. 2,757,919, 8-7-56, Cl. 263—2.  
 Levy, William G. Vertical type gun rack. 2,752,046, 6-26-56, Cl. 211—4.  
 Levy, Winifred J., *See*:  
 Hawkins, Stanley W., and Levy. 2,752,260.  
 Levy-Hawes, Felix, Harrison, and M. Castel, to Hygienol Co., Inc. Powder puffs. 2,763,021, 9-18-56, Cl. 15—209.  
 Lew, Joseph. Storage cabinets. 2,741,524, 4-10-56, Cl. 312—257.  
 Lewanda, William *See*:  
 Bonner, Walter F., Durst, Lewanda, and Machala. 2,758,266.  
 Lewenstein, M. J., *See*:  
 Weiss, Ulrich. 2,752,270.  
 Lewicki, Stephen, to L. & L. Mfg. Co. Electric furnace and heating unit therefor. 2,744,948, 5-8-56, Cl. 13—22.  
 Lewin, Gerhard, to Tung-Sol Electric Inc. Preparation of light sensitive surfaces. 2,773,730, 12-11-56, Cl. 316—8.  
 Lewin, Gerhard, and E. A. Goldman, to Westinghouse Electric Corp. Vapor electric device. 2,743,387, 4-24-56, Cl. 313—170.  
 Lewin, Jacob W., deceased; L. E. Lewin, administratrix. Automatic gripping pipe bender. 2,732,742, 1-31-56, Cl. 81—15.  
 Lewin, Jacques *See*:  
 Rioutard, Louis M. A., and Lewin. 2,757,375.  
 Lewin, John U., *See*:  
 Frohnsdorf, Raymond S. M., and Lewin. 2,745,788.  
 Lewin, Leonard *See*:  
 Jacobsen, B. Bulow, and Lewin. 2,758,287.  
 Lewin, Leonard, and E. Pethick, and J. B. Satchfield, to International Standard Electric Corp. Waveguide elbow. 2,737,634, 3-6-56, Cl. 333—98.  
 Lewin, Lillie E., *See*:  
 Lewin, Jacob W., 2,732,742.  
 Lewinter, Sidney W., to International Telephone and Telegraph Corp. Ringing circuit for telephone line and radio order wire. 2,749,390, 6-5-56, Cl. 179—84.  
 Lewis, Agnes J. Cigarette lighter. 2,748,246, 5-29-56, Cl. 219—32.  
 Lewis, Alexander, Jr., and W. E. Hanson, to Gulf Research & Development Co. Process for treatment of hydrocarbons. 2,738,509, 1-13-56, Cl. 190—50.  
 Lewis, Allen D. Apparatus for manufacturing multiple wire stranded helical springs. 2,758,629, 8-14-56, Cl. 153—2.  
 Lewis, Allen H., to California Research Corp. Non-soap synthetic detergent bar. 2,734,870, 2-14-56, Cl. 252—161.  
 Lewis, Allen H., and R. D. Stayner, to California Research Corp. Detergent compositions. 2,772,239, 11-27-56, Cl. 252—161.  
 Lewis, Allen H., and R. D. Stayner, to California Research Corp. Non-caking alkyl aryl sulfonate detergent compositions. 2,773,833, 12-11-56, Cl. 252—138.  
 Lewis, Arthur J., 3rd, to The Autocore Co. Abrasive finishing machine. 2,749,670, 6-12-56, Cl. 51—62.  
 Lewis, Arthur R., and L. Strauss. Foundation garment. 2,758,310, 8-14-56, Cl. 2—37.  
 Lewis, Beatrice *See*:  
 Lewis, Herbert. 2,759,140.  
 Lewis, Benjamin F., and K. H. Müller, to Bell Telephone Laboratories, Inc. Photoelectric relay device. 2,737,598, Cl. 212—219—214.  
 Lewis, Charles J., and D. E. Poole, to Republic Steel Corp. Reel for coiling strip material. 2,733,023, 1-31-56, Cl. 242—78.  
 Lewis, Charles J., and J. R. Miller, to Esso Research and Engineering Co. Treatment of lubricating oil with adsorbent. 2,738,314, 3-13-56, Cl. 196—147.  
 Lewis, Clay E., *See*:  
 Bachman, Robert J., Lewis, Mueller, and Murray. 2,734,858.  
 Lewis, John W. Lawn edger and hedge trimmer. 2,756,555, 7-31-56, Cl. 56—25.4.  
 Lewis, Daniel W., and H. M. Philofsky, to Westinghouse Electric Corp. Resinous silicon-containing compositions and products produced therewith. 2,739,638, 3-27-56, Cl. 193—219.  
 Lewis, Dartrey *See*:  
 Corson, John H., Goetz, and Lewis. 2,756,169.  
 Lewis, Donald A., Jr. Sky lookout chair. 2,746,154, 5-22-56, Cl. 33—69.  
 Lewis, Donald A., Jr. Refrigerating appliance. 2,752,761, 7-3-56, Cl. 62—89.  
 Lewis, Edward A., and J. P. Casey, Jr. Wire grid fabry-perot type interferometer. 2,756,424, 7-24-56, Cl. 343—909.  
 Lewis, Edward E., *See*:  
 Jennings, Ted F., and Lewis. 2,769,377.  
 Lewis Engineering Co., The *See*:  
 Cheney, Marvin C., and McCall. 2,760,229.  
 Knudsen, Knud J., 2,729,800.  
 Knudsen, Knud J., 2,761,052.  
 Lewis, Ernest E., *See*:  
 Barker, Harold C., Lewis, and Happoldt. 2,770,608.  
 Lewis, Ernest E., to E. I. du Pont de Nemours and Co. Use of organic nitrates to inhibit polymerization of hydrocarbons during distillation. 2,770,489, 1-10-56, Cl. 202—57.  
 Lewis, Parra F.,  $\frac{1}{2}$  to Gem Oil Tool Co., Inc. Jet wall cleaner. 2,771,141, 11-20-56, Cl. 166—222.  
 Lewis, Francis B., to Paxton-Mitchell Co. Safety uncoupling rigging for locomotive draft gear. 2,746,614, 5-22-56, Cl. 163—23.  
 Lewis, Frank B., Jr. Toy for bedridden children. 2,736,131, 2-28-56, Cl. 46—32.  
 Lewis, Frank M., to the United States of America as represented by the Secretary of the Navy. Starter for free piston gas generator. 2,731,793, 1-24-56, Cl. 60—14.  
 Lewis, Frank W., and I. J. Spaeth, to Chicago Railway Equipment Co. Brake beam connector. 2,746,576, 5-22-56, Cl. 188—210.  
 Lewis, Fred F. Storage of agricultural products. 2,768,896, 10-30-56, Cl. 99—2.  
 Lewis, Frederick J., Jr., and J. F. Quinlan, to the United States of America as represented by the Secretary of the Navy. Missile-resistant garment. 2,748,391, 6-5-56, Cl. 2—12.  
 Lewis, Frederick M., and E. J. Lawton, to General Electric Co. Vulcanization of silicone rubber with high energy electrons. 2,763,609, 9-18-56, Cl. 204—154.  
 Lewis, George D., *See*:  
 Barnes, Robert T., and Lewis. 2,747,366.  
 Lewis, George W., to The Electric Auto-Lite Co. Manufacture of clutches for engine starters and product thereof. 2,759,364, 8-21-56, Cl. 74—6.  
 Lewis, Gordon M., to The Bristol Aeroplane Co. Ltd. Gas turbine engines. 2,749,023, 6-5-56, Cl. 230—116.  
 Lewis, Harold A., and G. A. Noddin, to E. I. du Pont de Nemours & Co. Blasting explosive device. 2,736,263, 2-28-56, Cl. 102—27.  
 Lewis, Harold L. Floral-container support. 2,746,208, 5-22-56, Cl. 47—41.  
 Lewis, Harold L. Self watering container. 2,755,745, 7-24-56, Cl. 103—152.  
 Lewis, Harold P., to Pak-Rapid Inc. Commodity packaging machine. 2,748,691, 6-12-56, Cl. 53—180.  
 Lewis, Henry V. Automatic machine for preparing and serving multiflavored refrigerated mixtures. 2,767,553, 10-23-56, Cl. 62—2.  
 Lewis, Herbert, to B. Lewis. Rectifier circuit. 2,759,140, 8-14-56, Cl. 321—27.  
 Lewis, Howard B. Safety hat. 2,735,099, 2-21-56, Cl. 2—3.  
 Lewis, Howard B. Respirator. 2,751,904, 6-26-56, Cl. 128—146.  
 Lewis, Howard B., G. M. Larson and H. Field, Jr. Tablet dispenser magazine. 2,761,592, 9-4-56, Cl. 222—370.



- Lewis, Ian A. D. Pulse amplitude analysers. 2,745,985, 3-15-56, Cl. 315-9.
- Lewis, Idwal O. *See*—
- Hall, Cecil R. L., and Lewis. 2,773,447.
- Lewis, Idwal O., to Imperial Chemical Industries Ltd. Delay composition for delay electric detonators. 2,749,226, 6-5-56, Cl. 52-2.
- Lewis, Idwal O., to R. D. J. Owens, to Imperial Chemical Industries Ltd. Ventless delay electric initiators. 2,771,033, 11-20-56, Cl. 102-28.
- Lewis, J. Clyde. Method and apparatus for packaging articles. 2,737,764, 3-13-56, Cl. 53-9.
- Lewis, James E., to Shell Development Co. Well completion tool. 2,763,854, 10-9-56, Cl. 166-187.
- Lewis, James R. Stacking can. 2,771,213, 11-20-56, Cl. 220-97.
- Lewis, Jesse M., to Williams Brothers Co. Method of processing pipes. 2,734,832, 2-14-56, Cl. 117-96.
- Lewis, Jesse O. Venetian blind. 2,749,976, 6-12-56, Cl. 160-168.
- Lewis, John O., to Flowfax Corp. Apparatus for integrating a variable against time. 2,750,109, 6-12-56, Cl. 235-61.
- Lewis, Joseph R. Sales tag marking means. 2,750,857, 11-20-56, Cl. 93-58.
- Lewis, Leonard B. Rotary metal cutting tool having a locally annealed shank portion. 2,740,974, 4-10-56, Cl. 10-141.
- Lewis, Leslie H. Pumping apparatus for well pipe line. 2,743,676, 5-1-56, Cl. 103-180.
- Lewis, Lloyd G., to Standard Oil Co. Technique and apparatus for radioactive source preparation. 2,760,887, 8-28-56, Cl. 117-93.
- Lewis, Lloyd V. *See*—
- Marlowe, Elbert W., and Lewis. 2,736,017.
- Lewis, Merle J., and M. S. Williams, Jr., to General Electric Co. Infinitely variable control switch. 2,752,438, 6-26-56, Cl. 200-31.
- Lewis, Merle J., and T. H. Lennox, to General Electric Co. Infinitely variable control switch. 2,752,439, 6-26-56, Cl. 200-31.
- Lewis, Norlin O. *See*—
- Wallace, James, and Lewis. 2,729,040.
- Lewis, Norman J. Closure for resilient dispensers. 2,746,651, 5-22-56, Cl. 222-213.
- Lewis, Oliver G., to Esso Research and Engineering Co. Universal engine support. 2,741,830, 4-17-56, Cl. 29-289.
- Lewis, Orval M., and M. Ulberg; said Ulberg assor. to said Lewis. Roller type device for removing a tire from a vehicle wheel. 2,767,781, 10-23-56, Cl. 197-124.
- Lewis, Pleasant A. E. Ignition cut-off device. 2,756,298, 7-24-56, Cl. 200-61.52.
- Lewis, Raisten C. *See*—
- Conroy, John F., Lewis, and Possehl. 2,753,189.
- Lewis, Reed, J. W., to Curless-Wright Corp. to Crucible Steel Co. of America. Method of recovering metallic values from ores containing iron and nickel. 2,757,077, 7-31-56, Cl. 75-0.5.
- Lewis Refrigeration & Supply Co. *See*—
- Spoonhour, Charles L. 2,774,460.
- Lewis, Robert B., to Curless-Wright Corp. Partitioned toy rocket. 2,759,297, 8-21-56, Cl. 46-74.
- Lewis, Robert D., and K. F. Wietzel, to Armco Steel Corp. Apparatus for guiding strip material. 2,774,593, 12-18-56, Cl. 271-2.6.
- Lewis, Robert R. *See*—
- Wilby, Norman H., and Lewis. 2,757,328.
- Lewis, Ronald W. J. *See*—
- Jukkola, Walfred W., and Lewis. 2,750,258.
- Lewis-Shepard Co. *See*—
- Gilman, Wilbert M., and Gandolfo. 2,774,926.
- Lewis, Stewart P. Marine marker. 2,736,044, 2-28-56, Cl. 9-8.3.
- Lewis, Thomas E., Jr., to United States Steel Corp. Method for making tie plates. 2,767,456, 10-23-56, Cl. 29-16.
- Lewis, Walter B. Screw cap wrench with flexible strap. 2,771,802, 11-27-56, Cl. 81-3.43.
- Lewis, Walter E. Cigarette extinguisher. 2,736,321, 2-28-56, Cl. 131-256.
- Lewis, Walter E., and S. C. Jordan, to General Electric Co. Electric heating appliance. 2,772,341, 11-27-56, Cl. 219-37.
- Lewis, Warner Co. *See*—
- Lewis, Warner, Sr., and Cox. 2,747,684.
- Lewis, Warner, Sr., and J. P. Cox, to Warner Lewis Co. Re-pack cartridge. 2,747,684, 5-29-56, Cl. 183-47.
- Lewis, Warren K., and E. R. Gilliland, to Esso Research and Engineering Co. Method of heat exchange between fluids. 2,749,017, 6-5-56, Cl. 257-1.
- Lewis, Warren K., and E. R. Gilliland, to Esso Research and Engineering Co. Production of sulfur dioxide. 2,766,102, 10-9-56, Cl. 23-177.
- Lewis, Warren K. Jr. *See*—
- Drews, William P., Kaulakis, and Lewis. 2,733,282.
- Martin, Homer Z., and Lewis. 2,738,313.
- Lewis, William, 1/4 to J. C. Tannock, and 1/4 to Plastomatic Ltd. Safety razor blade holders. 2,732,933, 1-31-56, Cl. 206-16.
- Lewis, William H., to Joint Saw Co. Paving form structure. 2,745,165, 5-15-56, Cl. 25-113.
- Lewis, William L. Aircraft landing gear. 2,755,041, 7-17-56, Cl. 244-102.
- Lewit, Ephraim. Closure for narrow necked small containers. 2,733,829, 2-7-56, Cl. 220-31.
- Lewkowich, Michael. *See*—
- Henry, Otto N., Arnold, and Lewkowich. 2,738,903.
- Lewthwaite, Raymond B. *See*—
- Rosenberg, Lawrence, and Lewthwaite. 2,753,420.
- Lewy, Alexander J. Electromagnetic relays. 2,735,967, 2-21-56, Cl. 317-176.
- Lewyckij, Peter. *See*—
- Tomik, George A., and Lewyckij. 2,738,847.
- Lewyt Corp. *See*—
- Meyerhofer, Carl E. 2,730,192.
- Ley, Gordon S. *See*—
- Crandon, Lawrence H., Ley, and Pridmore. 2,760,144.
- Ley, Gordon S., to Westinghouse Electric Corp. Rapid switching of capacitance. 2,763,807, 9-18-56, Cl. 315-21.
- Ley, Hellmut. *See*—
- Schritt, Franz, and Ley. 2,756,986.
- Ley, Hellmut, W. Stenger, W. Werner, and K. Lampatzer, to Parker Rust Proof Co. Alkali metal phosphate coating solutions and the method of forming coatings therewith. 2,758,949, 8-14-56, Cl. 148-6.15.
- Ley, Wilhelm. *See*—
- Dillenburger, Albert, and Ley. 2,753,957.
- Leyenberger, John, to Minneapolis-Honeywell Regulator Co. Electrical apparatus for measuring. 2,745,054, 5-8-56, Cl. 323-75.
- Leyer, Albert, and L. Burgerstein. Belt pulley. 2,753,724, 7-10-56, Cl. 7-242.
- Leyler, Arthur R., and H. W. Gillis, to Vitreous Steel Products Co. Tile faced wall. 2,735,523, 2-21-56, Cl. 189-85.
- Leygonie, Robert J., and B. B. de Saint Leger, to Esso Standard Societe Anonyme Francaise. Steam cylinder lubricating oil. 2,764,529, 9-25-56, Cl. 196-151.
- Leyhausen, Wilhelm. Automatic switches. 2,774,840, 12-18-56, Cl. 200-87.
- Leyland, Boris N. *See*—
- Jackson, Harry E., Leyland, and Wood. 2,748,181.
- Lambert, Arthur, and Leyland. 2,748,096.
- Lambert, Arthur, and Leyland. 2,755,272.
- Leyton, Eric M. *See*—
- Percival, William S., White, and Leyton. 2,754,482.
- Lezer, Grace H. *See*—
- Hurlbut, Fred F., and Gillispie. 2,746,778.
- Hurlbut, Fred F., and Gillispie. 2,757,028.
- L'Hourens, Philard. Grease can receiving grease ejector. 2,772,813, 12-4-56, Cl. 222-82.
- L'Hollier, Leslie H., to The B. F. Goodrich Co. Footwear and the like. 2,728,999, 1-3-56, Cl. 3-6.
- L'Hollier, Leslie H., and C. A. Riley, to The B. F. Goodrich Co. Last for footwear. 2,761,159, 9-4-56, Cl. 12-183.
- Lihou, Joseph, to Shell Development Co. Process for coating aggregate with bituminous binder. 2,760,878, 8-28-56, Cl. 106-269.
- Li, Yao T., to Research Corporation. Pressure indicator. 2,738,677, 3-20-56, Cl. 73-389.
- Liantrat, Georges B. A. *See*—
- Acarin, Pierre R., and Liantrat. 2,773,250.
- Libbey-Owens-Ford Glass Co. *See*—
- Badger, Alfred E., and Sharp. 2,748,007.
- Barkley, Dwight W. 2,741,156.
- Barkley, Dwight W. 2,746,354.
- Brown, Wilbur F. 2,755,212.
- Browne, Charles M. 2,750,637.
- Colbert, William H., and Morgan. 2,761,945.
- Cowley, Charles H., and Woods. 2,761,248.
- Gaiser, Romey A. 2,741,870.
- Gaiser, Romey A. 2,746,210.
- Gaiser, Romey A. 2,779,558.
- Hansen, Ralph C., Powers, and Thwaites. 2,738,058.
- Jendrisak, Joseph E. 2,737,758.
- Jendrisak, Joseph E. 2,744,359.
- Jendrisak, Joseph E. 2,758,422.
- Jendrisak, Joseph E. 2,774,189.
- Jendrisak, Joseph E., and Carson. 2,766,555.
- Koester, Melvin C. 2,743,010.
- Koester, Melvin C., and Mainz. 2,734,626.
- Kuntz, Harry A. 2,746,153.
- Levengood, William C. 2,765,652.
- Levengood, William C. 2,773,775.
- Mazur, Ferdinand J., and Ponce. 2,746,353.
- McCown, William E., and Alexander. 2,775,071.
- McMaster, Harold A., and Wampler. 2,735,331.
- Morgan, Willard L. 2,750,832.
- Motter, Theodore J. 2,771,873.
- Ogle, James C., Jr. 2,748,026.
- Olson, Albert W., and Woods. 2,761,249.
- Ponce, Lucien G. 2,747,467.
- Ritter, George F. 2,747,342.
- Walters, Emmett L. 2,746,209.
- Wampler, Roy W. 2,775,071.
- Weinrich, Arthur R. 2,731,365.
- Weinrich, Arthur R. 2,731,366.
- White, Gerald. 2,729,032.
- Libby, Carl F., to J. D. Rioridan, and G. C. Libby. Loom for narrow webs with locked selvages. 2,742,932, 4-24-56, Cl. 24-24.
- Libby, Carl F., to J. D. Rioridan and G. C. Libby. Narrow web loom. 2,769,462, 11-6-56, Cl. 139-122.
- Libby, Gertrude C. *See*—
- Libby, Carl F. 2,742,932.
- Libby, Carl F. 2,769,462.
- Libby, Eugene, Jr., D. B. Pattison, and F. Zwilmeyer, to E. I. du Pont de Nemours & Co. Fluorescent agents and process of making the same. 2,733,242, 1-31-56, Cl. 260-247.1.
- Libecap, Clyde R. Meat block cleaner. 2,753,576, 7-10-56, Cl. 15-93.





- Lien, Arthur P., and D. A. McCauley, to Standard Oil Co. Ethylbenzene disproportionation. 2,773,109, 12-4-56, Cl. 260-671.
- Lien, Harold E. Fish stringer. 2,760,700, 8-28-56, Cl. 224-7.
- Lien, Knüt M., to Enna Ltd. Child's hand-propelled velocity. 2,747,675, 8-28-56, Cl. 280-218.
- Lienhard, Gottlieb, to Roco Manser Precision Engineering Corp. Gauging device. 2,769,242, 11-6-56, Cl. 33-147.
- Liera, Louis F.: *See—*  
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- Lieser, Mathias J., to Mead Specialties Co., Inc. Control mechanism for pressure fluid apparatus. 2,768,610, 10-30-56, Cl. 121-13.
- Lieser, Robert C., to Philip Morris and Co., Ltd., Inc. Tobacco product and method of making said product. 2,739,913, 3-27-56, Cl. 131-17.
- Lieske, George A.: *See—*  
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- Liesunaitis, Vytautas. Scraper. 2,750,499, 7-31-56, Cl. 30-169.
- Lifeguard Sign Corp.: *See—*  
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- Liftmaster System Co.: *See—*  
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- Liftoff, Muriel E.: *See—*  
Vitale, Peter T., and Liftoff. 2,733,213.  
Vitale, Peter T., and Liftoff. 2,733,214.  
Vitale, Peter T., and Liftoff. 2,746,931.
- Lifton, Lewis. Brief case. 2,737,319, 3-6-56, Cl. 150-1.6.
- Lifton, Lewis. Handles for brief cases and luggage. 2,771,166, 11-20-56, Cl. 190-57.
- Lifton, Lewis. Handles for brief cases and luggage. 2,771,167, 11-20-56, Cl. 190-57.
- Liggett, Waldo B.: *See—*  
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Closson, Rex D., Kolka, and Liggett. 2,751,426.  
Closson, Rex D., Kolka, and Liggett. 2,769,850.
- Liggett, Waldo B., to Ethyl Corp. Manufacture of hexachloro-ethylene. 2,773,104, 12-4-56, Cl. 260-650.
- Liggett, Waldo B., and C. N. Wolf, to Ethyl Corp. Defoliation. 2,749,228, 6-5-56, Cl. 71-2.3.
- Liggett, Waldo B., and C. N. Wolf, to Ethyl Corp. Plant growth regulation with chlorophenyl cyanoacrylic acids and derivatives. 2,749,229, 6-5-56, Cl. 71-2.4.
- Liggett, Waldo B., and C. N. Wolf, to Ethyl Corp. Bromophenyl cyanoacrylic acids and derivatives. 2,749,231, 6-5-56, Cl. 71-2.6.
- Liggett, Waldo B., and C. N. Wolf, to Ethyl Corp. Chlorophenyl cyanoacrylic acids and derivatives. 2,749,232, 6-5-56, Cl. 71-2.6.
- Liggett, Waldo B., C. N. Wolf, and R. D. Closson, to Ethyl Corp. Fungicidal compositions comprising esters of naphthyl halo-maleamic acids and methods of applying. 2,749,269, 6-5-56, Cl. 167-30.
- Liggett, John A., to Radio Corp. of America. Liquid seal. 2,751,926, 6-26-56, Cl. 137-251.
- Liggett & Myers Tobacco Co.: *See—*  
Samfield, Max M., Lockair, and Brock. 2,760,495.
- Light, Donald W. Laminated paper yarns and fabrics, including same. 2,734,532, 6-5-56, Cl. 139-426.
- Light, James W., to General Motors Corp. Actuator control system and valve mechanism therefor. 2,730,994, 1-17-56, Cl. 121-40.
- Light, James W., to General Motors Corp. Composition of material suitable for use in a coupling. 2,747,713, 5-29-56, Cl. 192-107.
- Light, James W., to General Motors Corp. Centrifugally responsive couplings. 2,753,031, 7-3-56, Cl. 192-104.
- Light, Leon H.: *See—*  
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- Light, Leon H., to Hartford National Bank and Trust Co., trustee. Electrical regulated power supplies. 2,752,555, 6-26-56, Cl. 323-22.
- Light, Robert F.: *See—*  
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- Lighthody, Alexander, and J. M. Johnston, to Sir W. G. Armstrong Whitworth Aircraft Ltd. Self-projected missiles. 2,745,347, 5-15-56, Cl. 102-49.
- Lighter, Stephen. Method of making building insulation and product. 2,747,651, 5-29-56, Cl. 154-28.
- Lightfoot, Jackson K., to R. M. Magnuson, d. b. a. Magnuson Engineers. Shuffler feed mechanism with stemming structure. 2,738,816, 3-20-56, Cl. 146-35.
- Lightner, Mary L. L. Sanitary napkin. 2,742,903, 4-24-56, Cl. 128-290.
- Lightwind, James E. Tools for compressing piston rings. 2,747,262, 5-29-56, Cl. 29-224.
- Lighty, Paul E., to International Telephone and Telegraph Corp. Semiconductor rectifiers and method of manufacture. 2,745,047, 5-8-56, Cl. 317-241.
- Lignes Telegraphiques & Telephoniques: *See—*  
Brune, Jean E. P. 2,747,175.
- Liguori, Anthony: *See—*  
Canfora, Arthur E., Liguori, Shenk, and Kishi. 2,744,955.  
Sharin, Samuel, Canfora, Liguori, and Kishi. 2,762,917.
- Liguori, Anthony, to Radio Corp. of America. Automatic phasing of synchronous multiplex telegraph systems. 2,760,857, 11-6-56, Cl. 173-50.
- Liguori, Anthony, to Radio Corp. of America. Power supply with regulated positive and negative output voltages. 2,772,887, 11-27-56, Cl. 323-22.
- Liguori, Anthony, and E. R. Shenk, to Radio Corp. of America. Electronic duplex receiving distributor. 2,734,943, 2-14-56, Cl. 178-61.
- Lihota, Joseph J., to Westinghouse Air Brake Co. Brake cylinder pressure retaining and maintaining apparatus. 2,760,830, 8-28-56, Cl. 303-60.
- Lill, Brooks S., to Aluminum Co. of America. Continuous electrode and method of making same. 2,758,964, 8-14-56, Cl. 204-67.
- Lilienfeld, Julius E., to S. D. Warren and R. F. Burkard, jointly. Coiled-type condenser unit for electrolytic capacitors and apparatus for coiling upon a supporting mandrel for the electrode assembly thereof. 2,742,596, 4-17-56, Cl. 317-230.
- Lilienstein, Manfred, to International Telephone and Telegraph Corp. Magneto-induction counter. 2,765,433, 10-2-56, Cl. 318-46.
- Liljenström, Carl J., to AB Svenska Flaktfabriken. Method and drying kiln for drying lumber. 2,773,315, 12-11-56, Cl. 34-209.
- Lillengreen, Manford R. Replaceable corner portion for the cutting edge of bulldozer blades. 2,732,639, 1-31-56, Cl. 37-143.
- Lillie, George F.: *See—*  
Lillie, Wallace E., and G. F. 2,757,743.  
Lillie, Wallace E., and G. F. Lillie. Concrete well screen. 2,757,743, 8-7-56, Cl. 166-227.
- Lilliendahl, William C.: *See—*  
Quincy, Martin F., and Lilliendahl. 2,772,227.
- Lillquist, George F.: *See—*  
Sullivan, Thomas J., Milligan, and Lillquist. 2,738,255.
- Lillquist, Torsten O., to General Motors Corp. Wheel slip control system. 2,773,227, 12-4-56, Cl. 318-52.
- Lilly, Eli, and Co.: *See—*  
Ainsworth, Cameron. 2,733,245.  
Ainsworth, Cameron. 2,756,235.  
Coffey, Henry P. 2,729,810.  
Davis, William W., and Parke. 2,748,074.  
Fornfeld, Eugene J. 2,772,286.  
Garlick, William L. 2,774,763.  
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Jones, Reuben G. 2,744,114.  
Jones, Reuben G. 2,748,135.  
Jones, Reuben G. 2,757,176.  
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Jones, Reuben G., and Kornfeld. 2,745,845.  
Kath, Alfred W. 2,764,863.  
Kath, Alfred W. 2,771,191.  
Kornfeld, Edmund C. 2,751,396.  
Kornfeld, Edmund C., and Fornfeld. 2,749,353.  
Market, Harold L., and Murphy. 2,750,325.  
Mills, Jack. 2,773,900.  
Moore, Robert P. 2,732,987.  
Murphy, Hubert W., and Stephens. 2,742,460.  
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Pohlard, Albert. 2,772,311.  
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- Lily-Tulip Cup Corp.: *See—*  
Amberg, Walter E. and S. W. 2,737,332.  
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- Lilyquist, Marvin R.: *See—*  
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- Limbach, John N., Jr.: *See—*  
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- Limberger, Walter, to Messrs. Lumoprint Zindler K. G. Device for making photostatic copies. 2,732,778, 1-31-56, Cl. 95-77.5.
- Limberger, Walter, to Messrs. Lumoprint Zindler K. G. Reversible winding device. 2,734,690, 2-14-56, Cl. 242-55.
- Limberger, Walter, to Messrs. Lumoprint Zindler K. G. Device for treating directly exposed photopapers. 2,740,344, 4-3-56, Cl. 95-89.
- Limberger, Walter, to Messrs. Lumoprint Zindler K. G. Photographic print making machine. 2,751,814, 6-26-56, Cl. 24-24.
- Lime, Ernal J., and C. S. Hedges, to Crelo Mfg. Co., Inc. Hot beverage vending machine. 2,732,098, 1-24-56, Cl. 221-11.
- Limm, Friedrich, to Far-Ex Corp. Method of producing a light and heat radiation reflecting, fireproof material. 2,759,522, 8-21-56, Cl. 154-28.
- Limper, Arthur F.: *See—*  
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- Lin, Tung H. Accelerometer. 2,774,062, 12-11-56, Cl. 340-251.
- Lin, Wei C.: *See—*  
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Mackiw, Vladimir N., Roy, Lin, and Kunda. 2,767,081.  
Roy, Rubin K., Lin, Mackiw, and Kunda. 2,767,082.
- Linahan, Thomas C., to Minneapolis-Honeywell Regulator Co. Electrical apparatus for measuring pressure. 2,749,754, 6-12-56, Cl. 73-398.
- Linatsas, James. Cleaning device for rotary paint applicators. 2,741,857, 4-17-56, Cl. 34-53.
- Lincecum, William F. Cigarette snuffer system. 2,764,165, 6-26-56, Cl. 13-232.
- Linch, Adrian L., to E. I. du Pont de Nemours and Co. Stabilized aromatic amines. 2,757,197, 7-31-56, Cl. 260-578.

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- Lincoln, Arnold J., to Baker & Co., Inc. Method of rounding wire end. 2,759,088, 8-14-56, Cl. 219—15.
- Lincoln, Clovis W., to General Motors Corp. Follow-up mechanism. 2,736,208, 2-28-56, Cl. 74—388.
- Lincoln, Clovis W., and P. B. Zeigler, to General Motors Corp. Electric power steering. 2,756,605, 7-31-56, Cl. 74—388.
- Lincoln, Clovis W., and P. B. Zeigler, to General Motors Corp. Power steering apparatus. 2,763,531, 10-30-56, Cl. 74—388.
- Lincoln, Clovis W., R. M. Gold, and H. D. Spiekerman, to General Motors Corp. Neutral safety and back-up light switch. 2,775,664, 12-25-56, Cl. 200—61.54.
- Lincoln Electric Co., The. See—
- Landis, George G., and Payne. 2,748,236.
- Landis, George G., and Payne. 2,766,360.
- Landis, George G., and Payne. 2,766,361.
- Lincoln Engineering Co.: See—
- Klein, Victor G. 2,750,932.
- Klein, Victor G., and Mueller. 2,745,290.
- Klein, Victor G., Schneller, and Mueller. 2,735,683.
- Mueller, Carl H., and Schneller. 2,748,893.
- Lincoln, Frank H.: See—
- Hogg, John A., Beal, Nathan, and Lincoln. 2,771,475.
- Lincoln, Frank H., Jr.: See—
- Hogg, John A., and Lincoln. 2,767,198.
- Hogg, John A., Beal, and Lincoln. 2,735,856.
- Hogg, John A., Beal, and Lincoln. 2,752,866.
- Hogg, John A., Beal, and Lincoln. 2,747,776.
- Hogg, John A., Beal, Nathan, and Lincoln. 2,730,525.
- Lincoln, James: See—
- Barnett, Cyril, Cohn, and Lincoln. 2,754,298.
- Fisher, James W., and Lincoln. 2,767,789.
- Lincoln, James A., Hammond, and W. H. Groombridge, to British Celanese Ltd. Dyeable nitrogen-containing polyesters. 2,739,958, 3-27-56, Cl. 260—75.
- Lincoln, John C., Apparatus for preparing finely divided material. 2,762,574, 1-11-56, Cl. 241—78.
- Lincoln, Lewis L.: See—
- Brooker, Leslie G. S., and Lincoln. 2,763,646.
- Lind, Edward L., to Radio Corp. of America. Fluoride phosphors. 2,757,144, 7-31-56, Cl. 252—301.4.
- Lind, Franklin C. A., ½ to H. R. E. Lind. Fishing apparatus. 2,752,717, 7-3-56, Cl. 43—20.
- Lind, Franklin C. A. Swivel connector. 2,772,902, 12-4-56, Cl. 287—91.
- Lind, Harry R. E.: See—
- Lind, Franklin C. A. 2,752,717.
- Lind, John A., to Alford & Alder (Engineers) Ltd. Knee-action type wheel suspension with built in lubricating system. 2,734,753, 2-14-56, Cl. 289—96.2.
- Lind, Harry A., and K. G. Strandberg, to Ideal Grain Cleaner Co. Grain cleaning apparatus. 2,771,192, 11-20-56, Cl. 209—95.
- Lindars, Herman. Automatic filling apparatus for liquid containers. 2,745,585, 5-15-56, Cl. 226—127.
- Lindars, Herman. Apparatus for determining measured quantities of liquid materials. 2,755,966, 7-24-56, Cl. 229—76.
- Lindars, Herman. Weighing mechanisms. 2,768,823, 10-30-56, Cl. 265—56.
- Lindavap, Inc.: See—
- Muerel, Robert P., and Hogan. 2,743,350.
- Lindbeck, Laurel B. Power drawn scraper. 2,730,822, 1-17-56, Cl. 37—129.
- Lindbeck, Laurel B. Land grading machine. 2,741,043, 4-10-56, Cl. 37—169.
- Lindberg, Allan W., and J. C. Rombach, to Missouri Automatic Control Corp. Burner ignition and fuel control system. 2,729,281, 1-3-56, Cl. 158—28.
- Lindberg, Allan W., and R. A. Watson, to Missouri Automatic Control Corp. Frequency regulating system. 2,739,280, 3-20-56, Cl. 318—207.
- Lindberg, Arthur F., to Teletypewriter Corp. Control unit for composing machines. 2,770,356, 11-13-56, Cl. 199—18.
- Lindberg Engineering Co.: See—
- Mack, Stanley J. 2,764,178.
- Lindberg, John A., and W. V. Thelander, to Dana Corp. Safety clutch. 2,743,805, 5-1-56, Cl. 192—82.
- Lindberg, John E., Jr. Engine analyzer for detecting temperature with self-healing transducer and circuits. 2,759,172, 8-14-56, Cl. 340—227.
- Lindberg, Richard C., to Goodman Mfg. Co. Drum cutter head for continuous miner. 2,750,177, 6-12-56, Cl. 262—9.
- Lindblom, Frank W., to Welsh Mfg. Co. Spectacle frame. 2,722,820, 2-23-56, Cl. 88—41.
- Lindblom, Frank W., to Welsh Mfg. Co. Bridge structure. 2,773,423, 12-11-56, Cl. 88—43.
- Lindblom, Karl A. H., to Rodentia Aktiebolag. Process for the production of a bait for killing rodents, moles, and noxious animals. 2,770,067, 11-13-56, Cl. 43—124.
- Lindblom, Robert O.: See—
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- Lindbloom, William A., to Automatic Electric Laboratories, Inc. Trunk and control circuits to semi-automatic magneto exchange. 2,742,529, 4-17-56, Cl. 179—27.
- Linde, Hilding. Coupling device for connection of a dustbin and a collecting container. 2,763,386, 9-18-56, Cl. 214—302.
- Lindgren, Robert G., to Minnesota Mining & Mfg. Co. Container-feeder. 2,770,408, 11-13-56, Cl. 229—17.
- Lindee, Carl E., Jr., to Portable Electric Tools, Inc. Lathe headstock. 2,733,737, 2-7-56, Cl. 142—1.
- Lindee, Carl E., Jr., to Portable Electric Tools, Inc. Combination lathe and drill press. 2,733,741, 2-7-56, Cl. 144—1.
- Lindgren, Per A.: See—
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- Lindell, Aubrey O. E.: See—
- James, Emrys G., and Lindell. 2,731,561.
- Lindell, Sigurd I., to S & C Electric Co. Drop out fuse construction. 2,745,921, 5-15-56, Cl. 200—114.
- Lindell, Sigurd I., to S & C Electric Co. Fuse construction. 2,747,923, 1-1-56, Cl. 200—115.
- Lindeman, Jesse G., to Deere & Co. Releasable plow standard. 2,756,659, 7-31-56, Cl. 97—47.89.
- Lindeman, Jesse G., to Deere & Co. Coil spring cultivator shank and clamp. 2,760,423, 8-28-56, Cl. 97—198.5.
- Lindemann, Herbert, to Lonza Electric and Chemical Works Ltd. Process for producing cellular thermoplastic bodies. 2,751,627, 6-26-56, Cl. 13—48.
- Lindemann, Herbert, to Lonza Electric and Chemical Works Ltd. Process for the production of closed cell cellular bodies. 2,768,407, 10-30-56, Cl. 13—48.
- Lindemann, Herbert, and E. Strinemann. Cellular thermoplastic bodies. 2,746,088, 5-22-56, Cl. 13—48.
- Lindemann, Waldemar: See—
- Moser, Paul. 2,738,726.
- Linden, Carl E.: See—
- Knosp, Robert N., Linden, and Wetzel. 2,762,243.
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- Hawkins, Albert E., and Linden. 2,759,774.
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- Pettyjohn, Elmore S., and Linden. 2,734,809.
- Pettyjohn, Elmore S., and Linden. 2,759,806.
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- Linden, Emanuel, to Bunney Bear Inc. Combination bassinet car bed. 2,772,423, 12-4-56, Cl. 34—94.
- Lindenhein, Edwin E. Saw construction. 2,755,556, 7-24-56, Cl. 33—75.
- Lindenberg, Milton L. Freezing element for refrigeration systems. 2,757,786, 3-13-56, Cl. 62—126.
- Lindenblad, Nils E., to Radio Corp. of America. Cumulative cooling system. 2,729,949, 1-10-56, Cl. 62—1.
- Lindenblad, Nils E., to Radio Corp. of America. Electric cooling apparatus. 2,734,344, 2-14-56, Cl. 62—1.
- Lindenblad, Nils E., to Radio Corp. of America. Electromagnetic pumps for conductive fluids. 2,741,984, 4-17-56, Cl. 103—1.
- Lindenblad, Nils E., to Radio Corp. of America. Refrigeration. 2,749,716, 6-12-56, Cl. 62—1.
- Lindenblad, Nils E., to Radio Corp. of America. Thermoelectric elements and materials. 2,758,146, 8-7-56, Cl. 136—5.
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- Lindenblad, Nils E., to Radio Corp. of America. Ionic wind generating duct. 2,765,975, 10-9-56, Cl. 230—69.
- Lindenberg, Eric R., to A. Vonnegut. Flexible abrasive brush. 2,763,104, 9-18-56, Cl. 51—190.
- Lindenberg, Richard, to American Cyanamid Co. Resinous compositions. 2,773,848, 12-11-56, Cl. 260—17.3.
- Lindenfelser, Richard, and M. K. Kilthau, to American Cyanamid Co. Modified diamino-triazine-aldehyde resinous compositions and products comprising the same. 2,732,325, 1-24-56, Cl. 154—121.
- Lindenfelser, Richard, and M. K. Kilthau, to American Cyanamid Co. Method of making pulp pre-forms and products thereof. 2,761,779, 9-4-56, Cl. 92—21.
- Lindemann, Adolf: See—
- Stoll, Arthur, Jucker, and Lindemann. 2,746,976.
- Stoll, Arthur, Jucker, and Lindemann. 2,774,773.
- Lindenstruth, Albert F., to E. I. du Pont de Nemours and Co. Method for dyeing polyacrylonitrile fabrics. 2,750,250, 6-12-56, Cl. 154—121.
- Linder, Friedrich, to Machine Tool Works Oerlikon, Administration Co. Cartridge case ejection device for automatic firearms. 2,765,660, 10-9-56, Cl. 42—25.
- Linder, Lowell E., ½ to L. C. Miller. Triple radius Bourdon tube. 2,741,129, 4-10-56, Cl. 73—418.
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- Linderman Engineering Co., Inc.: See—
- Linderman, Garrett B. 2,753,712.
- Linderman, Garrett B., to Linderman Engineering Co., Inc. Detecting apparatus. 2,758,712, 8-14-56, Cl. 209—111.
- Lindesmith, John L., to Clary Corp. Read-out and radix conversion apparatus for electronic computing apparatus. 2,747,415, 11-13-56, Cl. 235—61.
- Lindesmith, John L., and E. P. Drake, to Clary Corp. Computing system. 2,761,620, 9-4-56, Cl. 235—61.
- Lindgren, Carl G.: See—
- Diertz-Holstrom, Adolph, and Lindgren. 2,761,079.
- Lindgren, Erik A. Screen rooms. 2,765,362, 10-2-56, Cl. 174—35.
- Lindgren, Frank A.: See—
- Cartledge, Frank, and Lindgren. 2,734,731.
- Lindgren, Frank A., to Goodman Mfg. Co. Self-propelled room and pillar kerf cutting machine. 2,745,653, 5-15-56, Cl. 262—30.
- Lindgren, Frank A., to Goodman Mfg. Co. Fluid drive and retarding means for kerf cutting machines. 2,750,153, 6-12-56, Cl. 254—184.



- Lindgren, George V. Grinding wheel chuck. 2,768,484, 10-30-56, Cl. 51-209.
- Lindgren, Robert D. Furniture stop. 2,769,275, 11-6-56, Cl. 43-137.
- Lindgren, Roy J. Toilet article. 2,749,923, 6-12-56, Cl. 132-76.2.
- Lindhagen, Teodor I. : See—
- Boestad, Gustav K. W., and Lindhagen. 2,765,979.
- Lindhe, John H. O., to Aktiebolaget Nynas Petroleum. Method of preventing oxidation of oils in electrical equipment. 2,744,038, 5-1-56, Cl. 148-6.17.
- Lindholm, Nils G. H., and S. O. Juselius. Vibration measuring device. 2,764,019, 9-25-56, Cl. 73-71.2.
- Lindholm, Paul, to Western Electric Co., Inc. Latching device. 2,736,588, 2-28-56, Cl. 292-130.
- Lindholm, Uno : See—
- Dahlin, Olof G. 2,759,643.
- Lindl, Gordon J., to Arnold Dryer Co. Dehydrating and pelleting apparatus. 2,772,642, 12-4-56, Cl. 107-4.
- Lindle, John C. Loading device for elevated platforms. 2,746,620, 5-22-56, Cl. 214-77.
- Lindley, Frederick A., Jr., to Smith-Meeker Engineering Co. Tube shield. 2,732,418, 1-24-56, Cl. 174-16.
- Lindman, Henrik I. : See—
- Von Heidenstam, Erik J., and Lindman. 2,756,019.
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- Lindmark, Richard C. : See—
- Olson, Marshall S., and Lindmark. 2,774,279.
- Lindner, Adam C., to Chicago Forging and Mfg. Co. Latch for automobile deck closure. 2,749,166, 6-5-56, Cl. 292-216.
- Lindner, Adam C., to Chicago Forging and Mfg. Co. Hood latch. 2,773,715, 12-11-56, Cl. 292-252.
- Lindner, Fritz, to Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius and Bruning. Process of preparing sulfuric acid esters of partially degraded alginic acid. 2,758,110, 8-7-56, Cl. 204-209.6.
- Lindner, Joseph. Mailing envelope. 2,775,396, 12-25-56, Cl. 229-73.
- Lindner, Kurt, to "Tepha" Gesellschaft für pharmazeutische und chemisch-technische Erzeugnisse m. b. H. Method and composition for washing and bleaching fibrous materials. 2,730,428, 1-10-56, Cl. 8-133.
- Lindner, Valentin, to Lenkotox Co. Reversible double-flange traveler ring. 2,729,053, 1-3-56, Cl. 57-119.
- Lindorf, Eugene A. Floor drain seal. 2,773,554, 12-11-56, Cl. 132-42.
- Lindow, Arthur L., to The Cleveland Pneumatic Tool Co. Method of locally expanding tubing. 2,770,874, 11-20-56, Cl. 29-42.1.
- Lindow, Joseph A. Carburetor valve with adjustable stop. 2,766,044, 10-10-56, Cl. 251-285.
- Lindquist, August B. J. : See—
- Dorman, Stephen C., and Lindquist. 2,766,554.
- Lindquist, Jonas T., to Roberts & Porter, Inc. Ironing machine for jackets of lithograph rollers. 2,750,689, 6-19-56, Cl. 33-52.
- Lindquist, Theodore. Apparatus for coating by electrostatic force. 2,742,018, 4-17-56, Cl. 118-51.
- Lindquist, Theodore. Flock applying machine. 2,759,449, 8-21-56, Cl. 118-51.
- Lindroth, Oscar J., and J. G. Kempe, to Smith-Lee Co., Inc. Apparatus for forming sealing beads on removable paper closures for containers. 2,753,707, 7-10-56, Cl. 93-1.3.
- Lindsay, Carlton G. : See—
- Penasack, Stephen L. 2,749,134.
- Lindsay Co., The : See—
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- Kryzer, Benjamin H., and Lindsay. 2,768,950.
- Lindsay, Edward W., and P. A. Yeoman, to Westinghouse Electric Corp. Thixotropic unsaturated alkyl resin compositions and members produced therewith. 2,743,309, 4-24-56, Cl. 174-137.
- Lindsay, Griffith W., to Buckeye Iron & Brass Works. Fuel servicing nozzle. 2,737,401, 3-6-56, Cl. 284-18.
- Lindsay, Griffith W., to Buckeye Iron & Brass Works. Fuel filling adapter. 2,753,884, 7-10-56, Cl. 137-322.
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- Lindsey, Er S., to Caston Barber Ltd. Means for closing doors. 2,735,675, 2-21-56, Cl. 268-69.
- Lindsey, Ernest E. Comestible product. 2,759,826, 8-21-56, Cl. 99-88.
- Lindsey, Oliver A. : See—
- Osborn, Adwin R., and Lindsey. 2,757,916.
- Lindsey, Richard E. Method of preparation of baking pans for bread. 2,771,668, 11-27-56, Cl. 29-42.3.
- Lindsey, Richard V., Jr., to E. I. du Pont de Nemours and Co. Sulfated telomers. 2,733,255, 1-31-56, Cl. 260-458.
- Lindsey, Richard V., Jr., to E. I. du Pont de Nemours & Co. Process for the preparation of alkyaluminum hydrides. 2,765,329, 10-2-56, Cl. 260-448.
- Lindsey, Robert J., to American Steel Foundries. Shell transfer mechanism. 2,740,340, 4-3-56, Cl. 214-151.
- Lindsey, William H., to Armstrong Siddeley Motors Ltd. Axial-flow machines. 2,763,427, 9-18-56, Cl. 230-122.
- Linsley, Frank J. Chance selection rhyme illustration device. 2,733,747, 2-14-56, Cl. 273-139.
- Lindstaedt, Frank F., and F. S. Wright. Bag weighing and filling machine. 2,738,944, 3-20-56, Cl. 249-46.
- Lindstedt, Paul M. : See—
- Lintala, Donald E., and Lindstedt. 2,753,324.
- Lindström, Alrik C. Bottle closures. 2,734,651, 2-14-56, Cl. 215-40.
- Lindström, Charles M., to Bostitch, Inc. Headless nail. 2,747,453, 5-29-56, Cl. 85-10.
- Lindström, Charles M., to Bostitch, Inc. Staple magazine and feed means for stapling machines. 2,769,173, 11-6-56, Cl. 1-1.
- Line, Gerald D., and S. L. Riley, to Eaton Mfg. Co. Hydraulic lifter. 2,749,892, 6-12-56, Cl. 123-90.
- Line, Richard A., to Ansul Chemical Co. Dehydrator. 2,758,719, 8-14-56, Cl. 210-131.
- Line, Richard A., and H. Hofstetzer, to Ansul Chemical Co. Liquid phase water indicator. 2,761,312, 9-4-56, Cl. 73-53.
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- Burman, Harold A. 2,741,823.
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- Sonnberger, Rudolph. 2,732,750.
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- Linenfels, Carl J. Combination vegetable slicing and paring tool. 2,756,501, 7-31-56, Cl. 30-283.
- Linenkohl, Henry K. Protective shield for shoes. 2,747,304, 8-29-56, Cl. 36-72.
- Lines, Arthur E. Wall type can opener for key type cans. 2,736,438, 2-28-56, Cl. 220-52.
- Lines Bros. Ltd. : See—
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- Ling, Frank B. : See—
- Hillier, Harold, and Ling. 2,733,196.
- Lingal, Harry J., to Westinghouse Electric Corp. Circuit interrupting device. 2,769,063, 10-30-56, Cl. 200-146.
- Lingal, Harry J., and R. E. Frink, to Westinghouse Electric Corp. Circuit interrupters. 2,734,971, 2-14-56, Cl. 200-148.
- Lingal, Harry J., T. E. Browne, Jr., and A. P. Strom, to Westinghouse Electric Corp. Circuit interrupters. 2,756,261, 7-31-56, Cl. 200-148.
- Lingel, Fred J., to General Electric Co. Asymmetrically conductive apertures. 2,745,044, 5-8-56, Cl. 317-234.
- Lingel, Rheinz. Apparatus for cutting a thread end from a spool. 2,763,323, 8-18-56, Cl. 164-47.
- Linebrink, Hermann E. F. C. : See—
- Ammlung, Louis C., Jr., and Linebrink. 2,758,164.
- Linebrink, Hermann E. F., to United Specialties Co. Tuna signal switch. 2,739,197, 3-20-56, Cl. 200-61.34.
- Linger, Roland A., to Radio Corp. of America. Character analyzing systems. 2,751,433, 6-19-56, Cl. 178-23.
- Lingerfelt, Paul D. : See—
- Markwood, Paul W., Rich, Lingerfelt, and Nichols. 2,751,161.
- Lingerfelt, Will C., to American Enka Corp. Alarm for alum feeder. 2,735,087, 2-14-56, Cl. 340-239.
- Lingis, Stanislaw. Nozzle for oil burner. 2,758,880, 8-14-56, Cl. 299-140.
- Lingo, Shirley P., to Commercial Solvents Corp. Process for the separation of fatty acids from reaction mixtures producing same. 2,748,163, 5-29-56, Cl. 260-540.
- Linhardt, Charles, Jr., deceased; Mercantile Trust Co. of Baltimore, executor, to The Automatic Lite Co. Outlet box support. 2,770,438, 11-13-56, Cl. 248-57.
- Linhof, Valentin : See—
- Karpf, Nikolaus. 2,770,178.
- Karpf, Nikolaus. 2,774,288.
- Linhorst, Erwin F., to United States Rubber Co. Plastometer and method. 2,732,708, 1-31-56, Cl. 73-15.6.
- Linhorst, Erwin F., to United States Rubber Co. Motor-driven load-deflection tester. 2,760,370, 8-28-56, Cl. 73-9.
- Lining Components Ltd. : See—
- Hammond, Cecil F., and Shackleton. 2,771,221.
- Link Aviation, Inc. : See—
- Haves, Monson H. 2,769,102.
- West, James L., and Haves. 2,771,578.
- Wright, Leroy D., and Judkins. 2,771,600.
- Link-Belt Co. : See—
- Baumheckel, Ralph E. 2,755,113.
- Burkitt, Carl. 2,742,863.
- Davis, Ralph P. 2,769,217.
- Erisman, Maurice J. 2,732,059.
- Harvest, Edmond. 2,731,148.
- Harvest, Edmond. 2,764,257.
- Heacock, Ward J. 2,763,399.
- Humburger, Max. 2,771,178.
- Keller, Henry G. 2,735,537.
- Keller, Henry G. 2,759,596.
- Lauenstein, Carl F. 2,759,595.

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 Lotz, Charles W. and Kazmier, 2,742,153.  
 Muschcoff, Albert, 2,771,179.  
 Schanke, Charles E., 2,734,758.  
 Staples, Robert G., Jr., and E. Bougher, 2,771,288.  
 Young, Charles M., Jr., 2,741,815.
- Link, Donald F.: See—  
 McElwain, Alan C. and Link, 2,730,915.
- Link, Edwin, to R. T. & L. Corp. Switch construction, 2,753,412, 7-3-56, Cl. 200-67.
- Link, John C. and R. S. Trautvetter, to the United States of America as represented by the Secretary of the Navy. Radar reflector, 2,752,594, 6-26-56, Cl. 343-18.
- Link, John J.: See—  
 Monastesse, Paul, 2,738,836.
- Link, Karl P.: See—  
 Schroeder, Collin H., and Link, 2,765,321.
- Link Mfg. Co., Inc.: See—  
 Wallace, Halbert C. and Puckering, 2,731,246.
- Link, Murray H. Foldable die, 2,744,557, 5-8-56, Cl. 150-39.
- Link, Traugott. Key mounting for accordions, 2,764,907, 10-2-56, Cl. 84-434.
- Link, Traugott. Assembly for vibratory reeds, 2,765,693, 10-9-56, Cl. 84-360.
- Link, Victor A., to United States Steel Corp. Beam and channel turning devices, 2,745,536, 5-15-56, Cl. 198-33.
- Linke, Gerhard, to Stahlwerk Aktiengesellschaft mit beschränkter Haftung. Vibrating screens, 2,730,237, 1-10-56, Cl. 209-366.5.
- Links, Heinrich K., to Daimler-Benz Aktiengesellschaft. Fuel injection pump, 2,729,167, 1-3-56, Cl. 103-41.
- Links, Heinrich K., to Daimler-Benz Aktiengesellschaft. Pump unit, 2,737,893, 3-13-56, Cl. 103-4.
- Links, Heinrich K., H. Pauling, and R. J. Wirsching, to Daimler-Benz Aktiengesellschaft. Expandable device, particularly for internal combustion engines, 2,757,653, 8-7-56, Cl. 129-123.
- Linlor, William I., and B. Ragent, to the United States of America as represented by the United States Atomic Energy Commission. Time-of-flight neutron spectrometer, 2,769,094, 10-30-56, Cl. 250-411.9.
- Linn, Carl B., to Universal Oil Products Co. Production of dihydroxy diaryl ethers, 2,739,171, 3-20-56, Cl. 260-613.
- Linn, Carl B., to Universal Oil Products Co. Production of fluorohydrocarbons by reacting an acetylene compound with hydrogen fluoride and boron trifluoride, 2,762,849, 9-11-56, Cl. 260-653.
- Linn, Karl W., W. M. Smith, and R. L. Greene, to Esso Research and Engineering Co. Integrated process for the production of high speed motor fuels and heating oils, 2,763,358, 9-18-56, Cl. 196-28.
- Linn, Robert E.: See—  
 Schultz, Arthur D., Pipes, Linn, and Gamundi, 2,740,548.
- Linn, William J. Liquid fuel atomizers, 2,754,184, 7-10-56, Cl. 48-183.
- Linnell, Robert H., and A. B. Zablau, to Research Corp. Process for producing poly-pyridyls, 2,773,066, 12-4-56, Cl. 260-296.
- Linnenbank, Charles D.: See—  
 Money, Fred B., and Linnenbank, 2,738,643.
- Linnenbank, Charles D., to Baldt Anchor, Chain and Forge Division of the Boston Metals Co. Method for manufacturing chain links having an integral stud, 2,753,680, 7-10-56, Cl. 59-35.
- Linnert, George E., to Arco Steel Corp. Process of welding and heat treating stainless steel, 2,732,323, 1-24-56, Cl. 148-21.54.
- Linnert, George E. and W. R. Satterfield, to Arco Steel Corp. Welding flux and method, 2,745,769, 5-15-56, Cl. 117-132.
- Linotype and Machinery Ltd.: See—  
 Banks, John N., 2,758,705.
- Linscheid, Arthur A., to A. L. Bennett, and F. J. Orr, co-partners, d. b. a. B. & L. Mfg. Co. Window harvester, 2,762,183, 9-11-56, Cl. 56-23.
- Linscott, Leroy N., to Alexander Smith, Inc. Pattern control for Axminster loom, 2,751,937, 6-26-56, Cl. 139-7.
- Linse, Leo L.: See—  
 Scully, William A., Snyder, and Linse, 2,750,985.
- Linsley, Douglas F., to M. A. Walden. Control system for power transmissions, 2,746,309, 5-22-56, Cl. 74-335.
- Lintala, Donald E. and M. L. Lindstedt, to The Goodyear Tire & Rubber Co. Composition of matter, 2,753,324, 7-3-56, Cl. 260-79.5.
- Lintern, A. R., Inc.: See—  
 Lintern, Alfred R., 2,732,133.
- Lintern, Alfred R., to R. T. & L. Lintern, Inc. Vehicle heating system, 2,732,183, 1-24-56, Cl. 237-12.3.
- Linton-Summit Coal Co., Inc.: See—  
 Morey, Glen H., 2,739,220.
- Morey, Glen H., 2,739,221.
- Linton, Thomas B., to Kwikset Locks, Inc. Dead latch structure, 2,770,480, 11-13-56, Cl. 292-169.
- Lintzel, Hermann, to Siemens & Halske Aktiengesellschaft. Spacer disk arrangement for coaxial cables or the like, 2,774,944, 12-18-56, Cl. 333-96.
- Lintzell, John, to Bell Telephone Laboratories, Inc. Wave transmission branching arrangement, 2,757,342, 7-31-56, Cl. 333-8.
- Linville, Robert G., to General Electric Co. Organopolysiloxanes stabilized with organophosphorus compounds, 2,739,952, 3-27-56, Cl. 260-30.6.
- Linzmeier, Floyd P., and E. L. Patera. Safety razor, 2,766,522, 10-16-56, Cl. 30-60.5.
- Linzly, Floyd L., to A. V. Dowell. Snow removal apparatus, 2,742,533, 5-1-56, Cl. 37-43.
- Lion, Charles E. Measuring instrument, 2,741,849, 4-17-56, Cl. 33-167.
- Lion, Kurt S. Heat-reflecting light-transmitting window shade or the like and material for use in manufacturing the same, 2,774,421, 12-18-56, Cl. 160-238.
- Lionel Corp., The: See—  
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- Bonanno, Joseph L., 2,733,544.
- Bonanno, Joseph L., 2,739,418.
- Bonanno, Joseph L., 2,739,542.
- Bonanno, Joseph L., 2,747,731.
- Bonanno, Joseph L., 2,759,113.
- Cowen, Lawrence, 2,774,181.
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- Lip S. A. D'Horlogerie: See—  
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- Dargier de Saint Vaulry, Paul, 2,768,228.
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- Lipari, Giacchino: See—  
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- Lipari, Michael, 2,748,768.
- Lipari, Michael, to G. Lipari. Combination pre-sterilized syringe and container, 2,742,041, 4-17-56, Cl. 128-218.
- Lipari, Michael, to Giacchino Lipari. Disposable cartridge for syringe, 2,748,768, 6-5-56, Cl. 128-218.
- Lipe-Rollway Corp.: See—  
 Naumann, Lloyd, and Spase, 2,765,062.
- Spase, Charles B., 2,746,587.
- Spase, Charles B., 2,758,689.
- Lipman, Alexander, to Friedmann Kommanditgesellschaft. Piston distributor, especially for lubricants, 2,762,455, 9-11-56, Cl. 184-7.
- Lipinski, Johann, to Alex. Friedmann, Kommanditgesellschaft. Method and apparatus for the delivery of gear pumps, 2,771,844, 11-27-56, Cl. 103-41.
- Lipke, Paul H., Jr., and R. S. Montgomery, to The Dow Chemical Co. Heat-stabilized polyvinyl chloride composition, 2,752,319, 6-26-56, Cl. 260-81.4.
- Lipkin, Daniel M., to Sperry Rand Corp. Variable delay line network, 2,748,296, 5-29-56, Cl. 307-88.
- Lipkin, Daniel M., to Sperry Rand Corp. Amplifying system, 2,752,559, 6-26-56, Cl. 323-66.
- Lipkin, Henry P., to H. E. Stocks. Spring anchor unit for spring anchor door latch, 2,751,624, 6-26-56, Cl. 169-169.
- Lipkind, Henry, and S. Rogoff. Dental cements, 2,729,569, 1-3-56, Cl. 106-35.
- Lip-Mate Corp.: See—  
 Riel, Harold K., 2,763,881.
- Lipovsky, Marvin D.: See—  
 Jordan, Merrill E., and Lipovsky, 2,757,534.
- Lippel, Bernard, to the United States of America as represented by the Secretary of the Army. Indicator for sound direction finder, 2,764,493, 7-10-56, Cl. 340-16.
- Lippere, Salvatore.: See—  
 Attwood, John G., and Lippere, 2,765,759.
- Scholl, Edgar, and Lippere, 2,730,060.
- Lippert, Erhard M., R. L. Schultz, and A. V. Neyfeldt, to Victor Adding Machine Co. Calculating machine function control keys interlock, 2,731,206, 1-17-56, Cl. 235-130.
- Lippincott, Samuel B.: See—  
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- Lippincott & Smith: See—  
 Crowley, Millard E., 2,750,945.
- Lee, Sherman H., 2,735,522.
- Lippisch, Alexander M., to Collins Radio Co. Fluid propelled and sustained aircraft, 2,734,699, 2-14-56, Cl. 244-23.
- Lippisch, Alexander M., to Collins Radio Co. Variable wing, 2,743,888, 5-1-56, Cl. 244-43.
- Lippisch, Alexander M., to Collins Radio Co. Fluid sustained and propelled aircraft, 2,752,109, 6-26-56, Cl. 244-23.
- Lippman, Alfred, Jr., to The Commonwealth Engineering Co. of Ohio. Seal construction and method, 2,755,521, 7-24-56, Cl. 20-56.5.
- Lippmann, Gerald. Process of and apparatus for producing applique ornamentalations, 2,747,646, 5-29-56, Cl. 154-11.
- Lippmann, Arthur W., to Lippmann Engineering Works. Roller bearing, 2,756,617, 2-28-56, Cl. 308-20.
- Lippmann Engineering Works: See—  
 Lippmann, Arthur W., 2,736,617.
- Lippmann, Gertrude. Earring construction with safety clamp, 2,748,390, 6-5-56, Cl. 63-14.
- Lips, Eduard M. H., and S. Wiegerns, to Hartford National Bank and Trust Co. Method of securing a metal skin in a matrix block, 2,734,243, 2-14-56, Cl. 22-193.
- Lipschutz, Frank K., and S. Rosenberg. Reinforced cap, 2,748,396, 6-5-56, Cl. 219-28.
- Lipscomb, Matilda C. Bib with tray cover, 2,762,053, 9-11-56, Cl. 2-49.
- Lipscomb, Robert, and R. H. Speakman, to Imperial Chemical Industries, Ltd. Melt spinning apparatus, 2,740,986, 4-1-56, Cl. 15-8.
- Lipscomb, Willis L. Cove lighting fixture, 2,732,484, 1-24-56, Cl. 240-51.11.
- Lipscomb, Willis L. Parallel shielding and light control luminaire for fluorescent type lamps, 2,761,058, 8-28-56, Cl. 240-51.11.



- Lipcomb, Willis L. Collapsible concentric ring luminaire. 2,771,544, 11-20-56, Cl. 240-78.
- Lipshitz, Abraham. Safety armor jacket. 2,755,475, 7-24-56, Cl. 2-2.
- Lipsch, Maurice L., and F. C. Schwanke, to Dormeyer Corp. Cooking device. 2,748,690, 6-5-56, Cl. 99-340.
- Lipsch, Maurice L., and F. C. Schwanke, to Dormeyer Corp. Cooking device. 2,765,727, 10-9-56, Cl. 99-331.
- Lipstiz, Paul, to E. I. du Pont de Nemours and Co. Alkali resin condensate with polyhydroxybenzene. 2,758,990, 8-14-56, Cl. 260-124.
- Lipstus, Herbert, to Embossograph Process Co., Inc. Device for applying powder to printed paper. 2,737,635, 8-7-56, Cl. 118-312.
- Lipstz, Abraham. Method of simultaneously springing two fingers. 2,730,797, 1-17-56, Cl. 29-452.
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- Lipton, Abraham A. Arbor with collet-shaped body. 2,733,924, 2-7-56, Cl. 279-2.
- Lipton, Henry. Wedge-heel sandal construction. 2,732,634, 1-31-56, Cl. 36-11.5.
- Lipton, Thomas J. Inc.: *See—*
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- De Giers, Clarence A. 2,766,623.
- Lisbon, Julius E. Pliers. 2,750,826, 6-19-56, Cl. 81-84.
- Lisciani, Constantine, to The Protocoseal Co. Disposal container with replaceable liner. 2,755,971, 7-24-56, Cl. 222-189.
- Lisciani, Constantine, to The Protocoseal Co. Hazardous fluid pipe coupling. 2,758,018, 8-7-56, Cl. 48-192.
- Lisciani, Constantine, to The Protocoseal Co. Transfer system. 2,764,317, 9-25-56, Cl. 222-109.
- Lisciani, Constantine, to The Protocoseal Co. Safety can. 2,764,318, 9-25-56, Cl. 222-159.
- Lisciani, Constantine, to The Protocoseal Co. Safety container. 2,770,390, 11-13-56, Cl. 220-88.
- Lisciani, Constantine, to The Protocoseal Co. Flame and spark arrester. 2,772,537, 12-4-56, Cl. 60-31.
- Liska, Andrew J. Container. 2,774,466, 12-18-56, Cl. 181-3.
- Liska, Edward F. Power operated shoe polisher. 2,774,088, 12-18-56, Cl. 15-4.
- Liskey, Ernest C., Jr. Metallic grating. 2,742,121, 4-17-56, Cl. 189-83.
- Lisle Corp.: *See—*
- Brooks, Thomas E. 2,736,146.
- Liss, Jack G. Automobile entry tool. 2,732,739, 1-31-56, Cl. 81-3.
- Lissac, Georges: *See—*
- Passet, Robert. 2,770,167.
- Lissant, Kenneth: *See—*
- Blair, Charles M., Jr., and Lissant. 2,766,132.
- Lissant, Kenneth J., to Petrolite Corp. Process for reactivation of flowing wells. 2,748,867, 6-5-56, Cl. 166-45.
- Lissant, Kenneth J., to Petrolite Corp. Resinous coating. 2,749,322, 6-5-56, Cl. 260-32.8.
- Lissner, Oskar: *See—*
- Krzikalla, Hans, and Lissner. 2,768,910.
- List, Enrique. Electromagnetically-operated oscillating motor. 2,733,360, 1-31-56, Cl. 310-29.
- List, Enrique, to I. T. E. M. S. R. L. Elastic suspension device. 2,753,176, 7-3-56, Cl. 267-1.
- List, Hans: *See—*
- Lehner, Felix. 2,759,464.
- Lister, Bryan A. J., J. F. Duncan, and J. M. Hutcheon. Separating hafnium from zirconium. 2,759,792, 8-21-56, Cl. 23-19.
- Lister, Bryan A. J., and J. F. Duncan. Separating hafnium from zirconium. 2,759,793, 8-21-56, Cl. 23-19.
- Lister, Ernest J.: *See—*
- Roberts, George R., Heathcote, and Lister. 2,768,690.
- Lister, Thomas S.: *See—*
- Gardner, Arthur G., and Lister. 2,768,891.
- Litchfield, Everett S. Piston for internal combustion engine. 2,740,677, 4-3-56, Cl. 308-7.
- Litchfield, George R., to the United States of America as represented by the Secretary of the Army. Gas masks. 2,741,246, 4-10-56, Cl. 128-141.
- Lithium Corp. of America, Inc.: *See—*
- Bredsz, Nikolajs. 2,768,893.
- Litho-Strip Corp.: *See—*
- Share, Jerome R. 2,772,630.
- Litkenhous, Edward E.: *See—*
- Moore, Ben M., and Litkenhous. 2,742,040.
- Litkenhous, Edward E., to Tennessee Products & Chemical Corp. Reactor. 2,769,696, 11-6-56, Cl. 23-288.
- Litman, Bernard, to American Bosch Arm Co. Gravity pendulum device. 2,744,335, 5-8-56, Cl. 33-220.
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- Littell, F. J., Machine Co.: *See—*
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- Littell, Frederick M., and Wiig. 2,758,837.
- Wiig, Chester M. 2,737,306.
- Wiig, Chester M. 2,756,994.
- Wiig, Chester M., and Littell. 2,753,183.
- Littell, Frederick M.: *See—*
- Budlong, Simeon, and Littell. 2,767,789.
- Wiig, Chester M., and Littell. 2,753,183.
- Littell, Frederick M., and C. M. Wiig, to F. J. Littell Machine Co. Hydraulically powered rack and pinion feeding mechanism. 2,758,837, 8-14-56, Cl. 271-2.4.
- Littell, Ruddy: *See—*
- Bernstein, Seymour, and Littell. 2,732,883.
- Bernstein, Seymour, and Littell. 2,737,512.
- Little, Arthur D., Inc.: *See—*
- Clancy, John J., and Lovering. 2,734,838.
- Clancy, John J., and Lovering. 2,734,839.
- Davidson, Robert T. B., Gordon, and Marden. 2,743,746.
- Forfes, G. Donald. 2,754,503.
- Latham Allen, Jr. 2,737,032.
- Power, Ruth M. 2,742,366.
- Little, Ernest L., Jr., to E. I. du Pont de Nemours and Co. 1-amino-1-halo-2,2-dicyanoethylenes and preparation of same. 2,773,892, 12-11-56, Cl. 260-465.5.
- Little Garden Corp.: *See—*
- Henry, William F. 2,774,562.
- Little, George P., to The George P. Little Co., Inc. Air conditioning and sound deadening ceiling installation. 2,729,431, 1-3-56, Cl. 257-124.
- Little, George P. Co., Inc., The: *See—*
- Little, George P. 2,739,431.
- Little, Harry C. Ignition device for oil burners. 2,756,811, 7-31-56, Cl. 158-91.
- Little, Harry C. Flame spreader. 2,766,819, 10-16-56, Cl. 158-113.
- Little, Henry, to Standard Pressed Steel Co. Feed collet. 2,749,135, 6-5-56, Cl. 279-41.
- Little, Howard W. Underwater viewing device. 2,730,921, 1-17-56, Cl. 88-1.
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- Miller, William B., and Little. 2,770,554.
- Little, Jack L.: *See—*
- Robertson, James M., and Little. 2,730,485.
- Little, James A. Saw bucks. 2,733,740, 2-7-56, Cl. 143-91.
- Little, John H., to General Motors Corp. Heating and defrosting apparatus. 2,755,726, 7-24-56, Cl. 98-2.
- Little, John H., to General Motors Corp. Heating and defrosting apparatus. 2,756,663, 7-31-56, Cl. 98-2.
- Little, John R., Jr.: *See—*
- Clark, Eugene F., and Little. 2,759,344.
- Little, Juanita N.: *See—*
- Parsons, William F., and Little. 2,748,020.
- Little, Julian R.: *See—*
- Tawney, Pliny O., and Little. 2,767,156.
- Little, Reuel W. Tree inoculator. 2,770,920, 11-20-56, Cl. 47-57.5.
- Little, Robert J., and J. E. Willing, to General Railway Signal Co. Electromagnetic flashing relay. 2,749,454, 6-5-56, Cl. 310-32.
- Littlejohn, Robert D. Educational toy. 2,768,452, 10-30-56, Cl. 35-73.
- Littleton, Cato M., Jr., and C. C. Gordon, to Albany Felt Co. Compressive shrinking blanket and method for producing same. 2,740,727, 4-3-56, Cl. 117-55.
- Littleton, Louis A. Mop having clamping plate type holder. 2,729,841, 1-10-56, Cl. 15-229.
- Littlewood, Frank A. Electrical control apparatus. 2,749,492, 6-5-56, Cl. 318-39.
- Littman, Joseph W. Display device. 2,729,007, 1-3-56, Cl. 40-36.
- Littman, Joseph W. Display devices. 2,770,899, 11-20-56, Cl. 40-36.
- Littman, Robert E. Saw blade holder. 2,771,925, 11-27-56, Cl. 145-108.
- Littman, William I., to The Bryant Electric Co. Terminal connecting device. 2,735,080, 2-14-56, Cl. 335-26.
- Littmann, Edwin R., to Esso Research and Engineering Co. Process for making phosphate fertilizer admixed with a sulfonated oil. 2,754,190, 7-10-56, Cl. 71-27.
- Littmann, Hans, and H. Slevogt, to Carl Zeiss. Ophthalmometer. 2,733,634, 2-7-56, Cl. 88-20.
- Litton, Industries, Inc.: *See—*
- Crapuchettes, Paul W. 2,737,611.
- Crapuchettes, Paul W. 2,765,423.
- Litton, James B., to Esso Research and Engineering Co. Adsorption process. 2,762,852, 9-11-56, Cl. 260-674.
- Litton, Noel J. Electric light flasher. 2,774,845, 12-18-56, Cl. 200-122.
- Litus, John, and C. D. Smith, to Food Machinery and Chemical Corp. Screen cleaning device. 2,773,599, 12-11-56, Cl. 209-386.
- Litz, George W. Stud mountings and brush holder assemblies. 2,747,117, 5-22-56, Cl. 310-239.
- Litzenberg, David P.: *See—*
- White, Howard T. 2,753,806.
- Litzenberg, David P., to Zenith Engineering Corp. Motor driven pumps. 2,762,311, 9-11-56, Cl. 103-87.
- Litzman, Benjamin. Electric motor system for stopping driven member at selected position. 2,756,377, 7-24-56, Cl. 818-265.

- Liu, Shing-Riu. Panoramic camera. 2,764,073, 9-25-56, Cl. 95-16.
- Livas, Giorgio. Plastic material bottle-seal. 2,770,383, 11-13-56, Cl. 215-55.
- Lively, James W. Lug box. 2,765,099, 10-2-56, Cl. 220-97.
- Livernont, Frank W. Torque limiting screwdriver. 2,732,746, 1-31-56, Cl. 81-52.4.
- Livernont, Frank W. Predetermined torque release wrench and spring adjusting means therefor. 2,732,747, 1-31-56, Cl. 81-52.5.
- Livernore, H. F. Corp.: See—
- Urquhart, Lloyd G. 2,731,987.
- Livernore, Henry W. Vessel cover. 2,751,901, 6-26-56, Cl. 126-384.
- Livernore, William T. Automatic fluid pressure transmission. 2,732,727, 1-31-56, Cl. 74-472.
- Livernore, William T. Automatic transmission. 2,737,824, 3-13-56, Cl. 74-472.
- Livers, Carlos B., to Bendix Aviation Corp. Thermal safety plug. 2,742,179, 4-17-56, Cl. 220-89.
- Liversidge, Thomas K. Star projector apparatus. 2,763,183, 9-5-56, Cl. 88-24.
- Livestock Sprayer Mfg. Co.: See—
- Abildgaard, William H., and Herbert. 2,733,003.
- Livezey, William G., to General Motors Corp. Fluid clutches with multi-plate. 2,736,412, 2-25-56, Cl. 192-83.
- Livignano, Joseph: See—
- Crump, Eugene G. 2,758,655.
- Livingston, Donald C., to Sylvania Electric Products Inc. Electroluminescent television panel. 2,774,813, 12-18-56, Cl. 178-5.4.
- Livingston, Leo. Combination micrometer caliper. 2,741,848, 4-17-56, Cl. 33-167.
- Livingston, Orrin W., to General Electric Co. Record-reproduce programming control system for electric motors. 2,755,422, 7-17-56, Cl. 318-162.
- Livingstone, Jay G. Container adapter provided with pouring spout, drip return and cap. Re. 24,159, 5-29-56, Cl. 222-111.
- Livingstone, Jay G. Pouring spout. 2,739,740, 3-27-56, Cl. 222-120.
- Livingstone, Jay G. Pouring spout with cap and drip return. 2,743,844, 5-1-56, Cl. 222-111.
- Livingstone, Jay G. Adapter. 2,763,402, 9-18-56, Cl. 222-109.
- Livingstone, Jay G. Fittings. 2,763,403, 9-18-56, Cl. 222-111.
- Ljungberg, Ture A., to Allmanna Svenska Elektriska Aktiebolaget. Arrangement to be used for extrusion of metals. 2,743,812, 5-1-56, Cl. 33-167.
- Ljungström, Fredrik, to Svenska Skifferolje Aktiebolaget. Method of treating oil shale and recovery of oil and other mineral products therefrom. 2,732,195, 1-24-56, Cl. 262-3.
- Ljungström, Gunnar. Antiglare system for vehicles. 2,755,700, 7-24-56, Cl. 88-1.
- Llewellyn, Frederick B., to Bell Telephone Laboratories, Inc. Two-way repeaters. 2,748,200, 5-29-56, Cl. 179-170.
- Llopes, John D. High fidelity audio frequency amplifier. 2,744,971, 5-8-56, Cl. 179-171.
- Lloyd, Claire. Sliding door lock. 2,731,821, 1-24-56, Cl. 70-100.
- Lloyd, Harold. Valve for use with a timing mechanism. 2,749,081, 6-5-56, Cl. 281-157.
- Lloyd, Jeannette: See—
- Frey, Carl. 2,739,318.
- Lloyd, John R.: See—
- Hitchcock, Robert E., and Lloyd. 2,742,335.
- Lloyd, Kermit A.: See—
- Simpson, William F., and Lloyd. 2,759,316.
- Lloyd, Thomas W.: See—
- Coffman, James E., and Lloyd. 2,736,187.
- Lloyd, William A., to Chromatic Television Laboratories, Inc. Color grid structure for cathode-ray tube designed for polychrome image reproduction. 2,738,437, 3-13-56, Cl. 313-78.
- Lloyd, William H., to Pacific Union Metal Co. Concrete pile joint. 2,759,333, 3-21-56, Cl. 61.
- Loam, Fay B. and H. Crib and stair climber device. 2,736,564, 2-28-56, Cl. 280-5.26.
- Loam, Harry: See—
- Loam, Fay B. and H. 2,736,564.
- Lobano, R. Val S., to United Centrifugal Pumps. Seal structure. 2,746,779, 5-22-56, Cl. 286-11.13.
- Lobenthal, Michael S.: See—
- Harris, Frederic R., Downs, Lobenthal, and Bloch. 2,756,712.
- Harris, Frederic R. 2,761,409.
- Harris, Frederic R. 2,768,598.
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- Harris, Frederic R. 2,775,095.
- Lober, Friedrich, O. Bayer, M. Bögemann, and P. Schneider. Rubbery polymers plasticized with thio derivatives of polychlorobenzenes. 2,775,568, 12-25-56, Cl. 260-30.8.
- Lober, Friedrich, O. Bayer, M. Bögemann, and P. Schneider. Rubbery diene polymers plasticized with chlorine-substituted mercaptans. 2,775,639, 12-25-56, Cl. 260-761.
- Lobl, Frederick, to Faultless Rubber Co. Containers and closures therefor. 2,741,396, 4-10-56, Cl. 220-60.
- Lobo, Walter E.: See—
- Nathan, Marvin F., Lobo, and Skaperdas. 2,775,551.
- Lobos, Zbigniew J., to Stop-Fire, Inc. Corrosion resisting fire extinguisher. 2,765,273, 10-2-56, Cl. 204-197.
- Lobosco, Roscoe R.: See—
- Galbraith, John F., Helmbrecht, and Lobosco. 2,773,970.
- Lobosco, Roscoe R., to Union Carbide and Carbon Corp. Automatic gas ratio control system. 2,737,347, 3-6-56, Cl. 220-116.
- Lo Cascio, Jack J., to Even-Pul Foundations, Inc. Brassiere. 2,755,479, 7-24-56, Cl. 2-42.
- Locatelli, Antonio V. Hydraulic press. 2,729,871, 1-10-56, Cl. 25-54.
- Locatelli, Antonio V. Device for the formation of compressed building elements by means of the expansion of tubes, sacks or other elements made of flexible material within rigid forms. 2,741,007, 4-10-56, Cl. 25-45.
- Locher, Arthur, and A. Durst, to Sandoz A. G. Printing paste for textiles. 2,781,729, 9-4-56, Cl. 106-193.
- Locher, Oskar. Electric cooker for large kitchens. 2,761,054, 8-28-56, Cl. 219-37.
- Lochner, Ross E., to Zinsco Electrical Products. Circuit breaker. 2,747,053, 5-22-56, Cl. 200-116.
- Lockhead, John L., to the United States of America as represented by the Secretary of the Army. Firing mechanism. 2,775,165, 12-25-56, Cl. 89-139.
- Lochner, David, to Lochner Mfg. Co. Cushion filling machine. 2,740,245, 4-3-56, Cl. 53-257.
- Lochner Mfg. Co.: See—
- Lochner, David. 2,740,245.
- Lock, Ritchie H., and K. Reynolds, to Howards of Iford Ltd. Process for the manufacture of levulinic acid esters. 2,733,669, 9-18-56, Cl. 269-347.4.
- Lockard, Ronald C. Foil strip wiring system. 2,749,382, 6-5-56, Cl. 174-71.
- Locke, Burton H. Materials piling devices. 2,773,607, 12-11-56, Cl. 214-6.
- Locke, George A.: See—
- Bacon, Walter M., Kandel, Kreck, and Locke. 2,766,318.
- Locke, George A., to Bell Telephone Laboratories, Inc. Telegating transmitting system with message numbering. 2,761,894, 9-4-56, Cl. 178-17.
- Locke, Lloyd T., and R. V. Shafer. Can top remover with wedge lifter. 2,749,785, 6-12-56, Cl. 81-3.46.
- Locke, Loyal V., to The Huffman Mfg. Co. Dispensers. 2,751,129, 6-12-56, Cl. 222-474.
- Locke, Roy C.: See—
- Webber, Thomas G., and Locke. 2,755,201.
- Locke, Roy C., to E. I. du Pont de Nemours and Co. Transfer inks for duplication processes. 2,755,420, 7-17-56, Cl. 106-29.
- Locke Steel Chain Co., The: See—
- Stegeman, Henry J. 2,730,084.
- Stegeman, Henry J. 2,740,462.
- Locker, Hans: See—
- Reid, Frederick M., and Locker. 2,733,931.
- Reid, Frederick M., and Locker. 2,743,939.
- Locker, Maurice. Apparatus for delivering measured volumetric quantities of granular, pulverulent and like fluent solid materials. 2,752,076, 6-26-56, Cl. 222-455.
- Lockett, Leslie J.: See—
- Walker, Alec H. B., and Lockett. 2,740,075.
- Lockhart, Edward L. Combination hole center finder and center punch. 2,748,492, 6-5-56, Cl. 33-191.
- Lockhart, Marshall L., to The Compule Corp. Medical containers and their closures. 2,731,053, 1-17-56, Cl. 150-5.
- Lockhart, Merton C.: See—
- Michel, George H., Peterson, and Lockhart. 2,736,735.
- Lockheed Aircraft Corp.: See—
- Austin, Earl B. 2,756,024.
- Bendixen, Olaf T. 2,772,060.
- Benjamin, Joseph F. 2,755,550.
- Bonell, William H., and Ludwig. 2,775,116.
- Bulkin, Bertrand R. 2,775,686.
- Christensen, Edwin V. 2,771,931.
- Frost, Eugene C. 2,756,693.
- Hawkins, Willis M., Jr., and Le Veille. 2,750,134.
- Holopchak, George. 2,738,824.
- Jenkins, Thomas C. 2,747,280.
- Johnson, Clarence L. 2,771,740.
- Johnson, Francis B. 2,774,560.
- Koriagin, Vsevolod B. 2,730,777.
- Kurvers, Robert J., and Scheller. 2,775,313.
- Lehold, Jack W. 2,750,133.
- Lehold, Jack W., and Sullivan. 2,767,461.
- McGroom, Clifton P. 2,771,851.
- Palmer, Edward D., and Pray. 2,750,132.
- Powers, James T. 2,731,290.
- Price, Nathan C. 2,730,863.
- Price, Nathan C. 2,738,950.
- Price, Nathan C. 2,762,584.
- Richtolt, Robert R. 2,764,181.
- Richter, Heinz K. 2,738,772.
- Rowe, Herbert D. 2,738,829.
- Sanderson, Glen E. 2,737,051.
- Simon, Eli, and Thomas. 2,758,948.
- Simon, Eli, and Thomas. 2,764,566.
- Simon, Eli, and Thomas. 2,772,246.
- Simon, Eli, Thomas, and Burney. 2,772,245.
- Thomas, Frank W., and Simon. 2,744,875.
- Vrooman, Carl D., and Messinger. 2,762,897.
- Lockheed Air Terminal, Inc.: See—
- Harman, Gerald J., Finkler, and Rummel. 2,769,572.
- Harman, Gerald J., Hooker, and Rummel. 2,769,573.



Lock Joint Pipe Co.: See—

Kennison, Hugh F. 2,730,783.

Van Rensselaer, Hendrik B. 2,772,465.

Van Rensselaer, Hendrik B. 2,772,466.

Locklair, Earl E.: See—

Samfield, Max M., Locklair, and Brock. 2,760,495.

Lockley, Harry L., and R. C. Koslo, to Lockley Machine Co. Garbage grinder with leakage shield. 2,766,943, 10-16-56, Cl. 24-1-56.

Lockley, Harry L., and R. C. Koslo, to Lockley Machine Co. Garbage disposal device. 2,766,944, 10-16-56, Cl. 241-257.

Lockley Machine Co.: See—

Lockley, Harry L., and Koslo. 2,766,943.

Lockley, Harry L., and Koslo. 2,766,944.

Lockley, Sidney L., and W. Richards. 2,766,942.

Lockley, Sidney L., and W. Richards, to Lockley Machine Co. Waste disposal device having a discharge pocket covered by a shredding screen. 2,766,942, 10-16-56, Cl. 241-46.

Lockman, Carl J., to Rosenblad Corp. Heat treating a fluid substance. 2,734,565, 2-14-56, Cl. 159-20.

Lockwood, Arthur E., to The Steel Products Engineering Co. Filler cap assembly. 2,735,571, 2-21-56, Cl. 220-25.

Lockwood, Lawrence W. Fishing reel drive. Re. 24,153, 5-15-56, Cl. 74-750.

Lockwood, Lloyd R. Roofing shingles and fasteners. 2,756,699, 7-31-56, Cl. 108-33.

Lockwood, Louis H.: See—

Yohn, Henry M., and Lockwood. 2,765,102.

Lockwood Mfg. Co., The: See—

Phillips, Charles E. 2,729,358.

Lockwood, Robert C., to C. C. Gresson, and W. A. Breischler, to Instruments For Industry, Inc. Sub-miniature electron tube unit. 2,759,051, 8-14-56, Cl. 179-171.

Locomotive Finished Material Co., The: See—

Moorhead, Thomas. 2,752,012.

Smith, Charles. 2,744,730.

Loden, Roy M., 10% to B. W. Du Bose. Sewing machine attachment for applying band loop and band and lining to trousers. 2,730,976, 1-17-56, Cl. 112-151.

Lodes, Frederick G.: See—

Abplanalp, Robert H. 2,733,842.

Abplanalp, Robert H. 2,733,843.

Lodge, Alvin, to Blackstone Corp. Water supply control for washing machines. 2,731,982, 1-24-56, Cl. 137-607.

Lodge, Alvin, to Blackstone Corp. Drive for domestic laundering machines. 2,733,610, 2-7-56, Cl. 74-81.

Lodge, Alvin, to Blackstone Corp. Suspension and mounting for washing machines. 2,748,945, 6-5-56, Cl. 210-72.

Lodge, Alvin, to Blackstone Corp. Washing machine. 2,765,644, 10-9-56, Cl. 68-23.

Lodge, James A.: See—

James, Ivanhoe J. P., and Lodge. 2,738,379.

Lodge & Shipley Co., The: See—

Nolte, Arthur C. 2,756,714.

Lodge and Shipley Co., The—The Hamilton Division: See—

Pater, Paul G., Wagner, and Matre. 2,766,825.

Lodi, Emilio, 1/2 to P. Giacobbe. Prosthetic denture stabilizer means. 2,770,851, 11-20-56, Cl. 32-4.

Loe Dan. Paint sprayer. 2,735,719, 2-21-56, Cl. 299-86.

Loeb, Julien M. Lobe switching radar systems. 2,730,710, 1-10-56, Cl. 343-10.

Loeb, Morris. Latching device. 2,749,163, 6-5-56, Cl. 292-17.

Loeb, Sidney, Jr., to Hughes Aircraft Co. Igniter for rocket motor. 2,743,580, 5-1-56, Cl. 60-39,82.

Loeb, Stephen H., to Arveco Corp. Display stand. 2,755,583, 7-24-56, Cl. 40-124.

Loeber, John A., to Minneapolis-Honeywell Regulator Co. Timing mechanism. 2,740,923, 4-3-56, Cl. 317-141.

Loeber, John A., to Minneapolis-Honeywell Regulator Co. Burner safety control apparatus. 2,751,972, 6-26-56, Cl. 158-28.

Loey, Joseph, Jr. Diamond tool. 2,761,441, 9-4-56, Cl. 125-39.

Loey, Joseph, Jr. Hydraulic infeed unit. 2,770,984, 11-20-56, Cl. 74-315.

Loederer, Richard A. Periscope peep box. 2,730,018, 1-10-56, Cl. 88-68.

Loedige, Fritz: See—

Loedige, Wilhelm and F. 2,750,163.

Loedige, Wilhelm and F. Mixing apparatus. 2,750,163, 6-12-56, Cl. 259-109.

Loeff, George D.: See—

Ernst, Robert, and Loeff. 2,758,093.

Loeffler, Jacob F.: See—

Ivory, Harry S., and Loeffler. 2,751,903.

Loeffler, Jacob F. Adjustable surgical retractor. 2,751,902, 6-26-56, Cl. 128-20.

Loeffler, John F., to Thornhill-Craver Co., Inc. Lugged pipe couplings with seal ring grooves which do not undercut the lugs. 2,753,197, 7-3-56, Cl. 285-336.

Loeffler, John F., and O. L. Nordin, to Thornhill-Craver Co., Inc. Pipe line cleaning method. 2,767,138, 10-16-56, Cl. 210-16.

Loeffler, Martin O. Stone grooving machine. 2,735,418, 2-21-56, Cl. 125-9.

Loeper, Robert P., and W. F. K. Mueller, to Textile Machine Works. Safety mechanism for knitting machines. 2,748,983, 6-5-56, Cl. 66-137.

Loepsinger, Albert J., and J. A. Duncan, to Grinnell Corp. Water flow alarm devices. 2,756,413, 7-24-56, Cl. 340-289.

Loeschke, Hans, and R. Wever. Counting device for microscopic particles. 2,769,365, 11-6-56, Cl. 88-14.

Loeschnigg, Ladislaus S., and H. J. Folk. Universal chair. 2,746,326, 5-22-56, Cl. 155-127.

Loeser, Christopher E.: See—

Ludi, William C., and Loeser. 2,772,783.

Loevenstein, Hirsch, and P. L. A. Belon, to Pechiney Compagnie de Produits Chimiques et Electrometallurgiques. Process for the production and recovery of zinc in metallic form by reduction of materials containing zinc in oxide form. 2,745,760, 3-15-56, Cl. 75-36.

Loew, David L., C. Leserman, L. Del Riccio, and R. E. Gottfried, to International Telemeter Corp. Prepaid entertainment distribution system. 2,769,023, 10-30-56, Cl. 178-51.

Loew, Sigmund. Continuous wax extrusion apparatus. 2,754,943, 7-17-56, Cl. 18-13.

Loew, Theodore, to Kraft Foods Co. Packaging apparatus. 2,736,150, 2-28-56, Cl. 53-90.

Loewe Opta Aktiengesellschaft: See—

Hensel, Bernhard. 2,758,234.

Hensel, Bernhard. 2,771,564.

Neumann, Egon. 2,733,293.

Loewenstein, Max, to Loma Machine Mfg. Co., Inc. Continuous casting. 2,749,583, 6-12-56, Cl. 22-57.2.

Loewenstein, Walter. Adjustable humidifier assembly. 2,755,797, 7-24-56, Cl. 128-30.

Loew, Henry F., to United Shoe Machinery Corp. Last operating devices. 2,761,158, 9-4-56, Cl. 12-15.

Loew's Inc.: See—

Arnold, John. 2,755,370.

Stafford, Jerome W., and Frierson. 2,774,056.

Loewy Engineering Co., Ltd. The: See—

Dreyer, Hans. 2,731,151.

Norman, Eric. 2,735,545.

Loewy, Erwin: See—

Bottenhorn, Hermann A. 2,729,519.

Bottenhorn, Hermann A. 2,753,937.

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Lofquist, Albert P., Jr., to Technicolor Motion Picture Corp. Method of preventing color fading by imbibition. 2,767,649, 10-23-56, Cl. 104-149.1.

Löfqvist, Bengt E., Jr., to Sandvikens Jernverks Aktiebolag. Joint for rock drills. 2,735,704, 2-21-56, Cl. 287-114.

Loftin, Charles F., Jr., to Warren Petroleum Corp. Pressure type fuel system for internal combustion engines. 2,734,729, 1-10-56, Cl. 261-36.

Loftin, Grady A., to The Lane Co., Inc. Apparatus for stabilizing boards emerging from gang saws. 2,767,748, 10-23-56, Cl. 143-157.

Loftman, Kenneth A., to Godfrey L. Cabot, Inc. Drying agent and process of making the same. 2,774,051, 12-18-56, Cl. 112-12.

Lofton, Edgar K., to The Dayton Rubber Co. Rail vehicle generator drive. 2,743,679, 5-1-56, Cl. 105-105.

Loftus Engineering Corp.: See—

Francis, Charles B. 2,736,619.

Lackner, Robert V. 2,757,845.

Lackner, Robert V. 2,759,087.

Logan, Alexander L.: See—

Fluck, Linton A., and Logan. 2,759,851.

Logan, Arthur L. Paint can holder. 2,774,510, 12-18-56, Cl. 220-90.

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Logan, Mason A., to Bell Telephone Laboratories, Inc. Calibration circuit. 2,765,442, 10-2-56, Cl. 324-74.

Logan, Maurus C., to The Thomas & Betts Co. Hand tool for crimping electrical connectors. 2,738,693, 3-20-56, Cl. 81-122.

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Logan, William W., to Thomas A. Edison, Inc. Multistation remotely controlled phonographic system. 2,756,275, Cl. 179-100.1.

Logansport Machine Co., Inc.: See—

Becker, Robert E. 2,753,849.

Becker, Robert E. 2,758,850.

Logemann, George H., 1/10 to Custom Designers and 9/10 to A. J. Wagner, Custom Designers, container blanks, and method of making same. 2,769,581, 11-6-56, Cl. 222-455.

Logemann, Heino, W. Graulich, and W. Becker, to Farbenfabriken Bayer Aktiengesellschaft. Method of and material for taking impressions, especially for dental purposes. 2,745,813, 5-15-56, Cl. 260-29.6.

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Logemann, Willy, to Carlo Erba S. p. A. Derivatives of carboxylic acid hydrazides and method of making them. 2,759,944, 8-21-56, Cl. 260-29.5.

- Logue, Glenn L., to Con-Dor Corp. of America. Packaged door unit. 2,730,773, 1-17-56, Cl. 20-12.
- Logue, Joseph C., *See* Bruce, George D., and Logue. 2,772,370.
- Logue, Joseph C., and R. A. Henle, to International Business Machines Corp. Transistor indicator circuit. 2,772,410, 11-27-56, Cl. 340-252.
- Lohman, Robert D., *See* Sziklai, George C., Lohman, and Barco. 2,762,870.
- Lohman, Robert D., to Radio Corp. of America. Semi-conductor relaxation oscillator circuits. 2,769,907, 11-6-56, Cl. 250-36.
- Lohman, Robert D., and G. B. Herzog, to Radio Corp. of America. Automatic switching. 2,736,765, 2-28-56, Cl. 178-3.4.
- Lohmann, Heinz: *See* Seifert, Ernst. 2,731,340.
- Lohmar, Roland L., Jr., F. E. Weakley, and G. E. Lauterbach, to the United States of America as represented by the Secretary of Agriculture. Controlled enzymolysis of high-amylpectin starch. 2,738,503, 8-13-56, Cl. 195-17.
- Lohmar, Roland L., Jr., and G. E. Lauterbach, to the United States of America as represented by the Secretary of Agriculture. Method for the recovery of sweet corn polysaccharides. 2,740,733, 4-3-56, Cl. 127-34.
- Lohmeyer, Henry H. Bow operated air gun. 2,757,657, 7-5-56, Cl. 124-15.
- Lohmiller, Edward W. Tire chain. 2,729,262, 1-3-56, Cl. 152-233.
- Löhner, Walter, to Gebrüder Welger Maschinenfabrik, Gebr. Welgerstrasse. Cross-conveyor of a pick-up baler. 2,760,028, 8-8-56, Cl. 250-198.
- Lohues, Howard E., to Hallmark Cards, Inc. Animated card. 2,749,657, 6-12-56, Cl. 46-34.
- Lohr, James M., to Driver-Harris Co. Alloys and electrical resistance elements. Re. 24,242, 12-4-56, Cl. 75-171.
- Lohr, James M., to Driver-Harris Co. Alloys and electrical resistance elements. Re. 24,243, 12-4-56, Cl. 75-124.
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- Lohr, Raymond J.: *See* Hopkins, Richard E., and Lohr. 2,754,997.
- Lohr, Raymond J., to Louis Marx & Co., Inc. Toy vehicle with automatic brake. 2,729,021, 1-3-56, Cl. 46-112.
- Lohrman, Albert W., and P. M. Kropp, Jr., to General Electric Co. Adjustable thermostat for automatic electric coffee maker or the like. 2,763,767, 9-18-56, Cl. 219-44.
- Lohrman, William V.: *See* Silver, Walter H., and Lohrman. 2,747,489.
- Lohs, Willy, and W. Paul, to Siemens & Halske Aktiengesellschaft. Impulse-storing device for use in signalling systems. 2,737,648, 8-6-56, Cl. 340-347.
- Lohs, Willy, F. Sommer, and W. Breustedt, to Siemens & Halske Aktiengesellschaft. Bank multiple contact structure for telephone switching mechanisms. 2,761,013, 8-6-56, Cl. 217-275.
- Loibl, Robert B., Jr. Method and apparatus for producing and utilizing insecticidal vapor. 2,758,412, 8-14-56, Cl. 43-125.
- Lolkema, Jan.: *See* Kool, Cornelis M. H., Lolkema, and Moes. 2,759,023.
- Lolli, August L.: *See* Keil, Havard L., Lolli, and Cavanaugh. 2,751,377.
- Lolli, August L., to Armour and Co. Process for extracting animal glue from concentrated aqueous solutions. 2,746,949, 5-22-56, Cl. 260-118.
- Lolli, August L., to Armour and Co. Continuous method of extracting animal glue in concentrated aqueous solutions. 2,746,950, 5-22-56, Cl. 260-118.
- Loma Machine Mfg. Co., Inc.: *See* Loewenstein, Max. 2,749,583.
- Loewenstein, Max. 2,742,144.
- Loman, George T., to Bell Telephone Laboratories, Inc. Semi-conductor translating device and method of manufacture. 2,744,808, 5-8-56, Cl. 29-23.3.
- Lomax, Clarence E.: *See* Graybill, Kenneth W., and Lomax. 2,769,863.
- Lomax, Clarence E., to Automatic Electric Laboratories, Inc. Telephone system. 2,733,295, 1-31-56, Cl. 179-6.3.
- Lomax, Clarence E., to Automatic Electric Laboratories, Inc. Paystation telephone system. 2,750,447, 6-12-56, Cl. 179-6.3.
- Lomax, Clarence E., to Automatic Electric Laboratories, Inc. Automatic telephone systems provided with party lines. 2,751,434, 6-19-56, Cl. 179-17.
- Lomax, Clarence E., to Automatic Electric Laboratories, Inc. Two party timed and periodic metering. 2,759,048, 8-14-56, Cl. 179-85.
- Lomax, Clarence E., to Automatic Electric Laboratories, Inc. Finder arrangements in telephone systems. 2,761,905, 9-4-56, Cl. 179-18.
- Lomax, Clarence E., to Automatic Electric Laboratories, Inc. Rotary finder and secondary. 2,761,906, 9-4-56, Cl. 179-18.
- Lomax, Clarence E., to Automatic Electric Laboratories, Inc. Telephone systems. 2,763,724, 9-18-56, Cl. 179-18.
- Lomax, Clarence E., to Automatic Electric Laboratories, Inc. Arrangements for single-motion numerical switches in telephone systems. 2,767,247, 10-16-56, Cl. 179-18.
- Lomax, Clarence E., to Automatic Electric Laboratories, Inc. Automatic telephone system provided with party lines and trunk lines. 2,773,126, 12-4-56, Cl. 179-17.
- Lomax, Clarence E., to Automatic Electric Laboratories, Inc. Finder arrangement in telephone systems. 2,774,819, 12-18-56, Cl. 179-18.
- Lombard, Adrian A., to Rolls-Royce Ltd. Axial-flow compressors. 2,741,423, 4-10-56, Cl. 230-114.
- Lombard, Adrian A., to Rolls-Royce Ltd. Rotor constructions for turbo machines. 2,749,086, 6-5-56, Cl. 253-39.
- Lombard, Ben. Apparatus for tufting. 2,768,593, 10-30-56, Cl. 112-79.
- Lombard Corp.: *See* Hartzell, Oliver A. 2,767,292.
- Howell, Charles N. 2,750,486.
- Lombard, Daniel A., to Extrusion press installation. 2,751,076, 6-19-56, Cl. 207-2.
- Lombard Governor Corp.: *See* Warren, Henry E. 2,741,276.
- Lombard, Jean, and J. Mazoyer, to A. Seignol. Electric signaling pressure sensitive indicator. 2,744,977, 5-8-56, Cl. 200-83.
- Lombard, Jose S. Humidifying device. 2,756,096, 7-24-56, Cl. 249-20.
- Lombardi, Renato J., Jr., to Fulford Mfg. Co. Clasp. 2,767,452, 10-23-56, Cl. 24-153.
- Lombardi, Giuseppe. Charcoal broiler. 2,734,499, 2-14-56, Cl. 126-25.
- Lombardi, Michael: *See* Longepolo, Orlando, and Lombardi. 2,741,886.
- Lombardi, Michael W., to The B. F. Goodrich Co. Hollow resilient strip for sealing closure joints. 2,734,239, 2-14-56, Cl. 20-69.
- Lombardi, Victor J., to Vincent Lombardi. Knitting machine. 2,754,652, 7-17-56, Cl. 66-50.
- Lombardi, Vincent: *See* Lombardi, Victor J. 2,754,669.
- Lombardi, Vincent. Knitting machine and method. 2,740,277, 4-3-56, Cl. 66-50.
- Lombardi, Vincent. Knitted terry fabrics. 2,774,233, 12-18-56, Cl. 66-191.
- Lombardi, William A. Brush-mounting means. 2,736,916, 3-6-56, Cl. 15-183.
- Lombardi, William A. Brush-mounting means. 2,753,580, 7-13-56, Cl. 15-202.
- Lombardi, William A. Brush construction. 2,762,073, 9-11-56, Cl. 15-183.
- Lombardi, William A. Brush construction. 2,767,418, 10-24-56, Cl. 15-183.
- Lombi, Ezio L.: *See* Lombi, Louis G. 2,774,313.
- Lombi, Louis G., to E. L. Lombi. Ravioli machine. 2,774,313, 12-18-56, Cl. 107-1.
- Long, George W., to E. I. du Pont de Nemours and Co.  $\alpha$ -iodone condensation reactions. 2,734,091, 2-7-56, Cl. 260-665.
- London, Sol, to General Electric Co. Alternating current motor circuit. 2,743,408, 4-24-56, Cl. 318-203.
- Long, Benjamin H., to General Electric Co. Instantly switching reversible motor. 2,740,931, 4-3-56, Cl. 318-203.
- Lones, Wesley O.: *See* Rawls, Vaughn. 2,734,553.
- Long, Ralph W., to G. Conn, Ltd. Cast liner for woodwind instruments. 2,730,003, 1-10-56, Cl. 84-380.
- Long, Alfred: *See* Metzger, Max C. Long, and Stoltz. 2,743,156.
- Long, Arthur R., to Hart-Carter Co. Forward and reverse planetary transmission. 2,751,799, 6-26-56, Cl. 74-769.
- Long-Bell Lumber Co., The: *See* Baxter, Lee G., Smith, and Mottet. 2,746,096.
- Mottet, Arthur L. 2,744,848.
- Mottet, Arthur L. 2,752,639.
- Mottet, Arthur L. 2,761,420.
- Long, Ben J. Guide for a sealing strip being wound on a key to peel it from a can. 2,738,395, 3-20-56, Cl. 220-52.
- Long, Benjamin H., to Tobacco Machine Supply Co., Inc. Wrapper for applying mechanism for cigar wrapping machines. 2,734,511, 2-14-56, Cl. 131-29.
- Long, Benjamin H., to Tobacco Machine Supply Co., Inc. Leaf stretch adjusting mechanism for cigar wrapping machines. 2,733,512, 2-14-56, Cl. 131-39.
- Long, Benoit, to Les Ateliers Reunies des Glaces & Verres Speciaux du Nord de la France. Apparatus for conditioning glass which is to be continuously drawn into sheets. 2,771,711, 11-27-56, Cl. 49-55.
- Lons, Charles: *See* Cuellieron, Jean, Long, and Pascaud. 2,750,271.
- Long Co., The: *See* Long, John B. 2,761,548.
- Long, John B., and Frye. 2,747,721.
- Long, Delma W. Tire repair instruments. 2,742,699, 4-24-56, Cl. 30-280.
- Long, Edward E.: *See* Kent, Earle L., Long, and Kirchner. 2,741,670.
- Long, Elmer M., processed, by E. M. Long and R. Zohn, excutrices, to Shurco Optical Co., Inc. Machines for generating curved surfaces. 2,737,759, 3-13-56, Cl. 51-86.
- Long, Frederick F., to American Viscose Corp. Apparatus for removing liquids from annular wound packages. 2,750,039, 6-12-56, Cl. 210-71.
- Long, George B., to General Motors Corp. Garbage disposal device. 2,732,135, 1-24-56, Cl. 241-46.
- Long, George B., to General Motors Corp. Clip terminal. 2,765,454, 10-2-56, Cl. 339-260.



- Long, George B., and J. M. Valentine, to General Motors Corp. Domestic appliance. 2,748,239, 5-29-56, Cl. 219-10-55.
- Long, George B., and J. M. Valentine, to General Motors Corp. Electrical apparatus. 2,753,432, 7-3-56, Cl. 219-20.
- Long, George B., and J. M. Valentine, to General Motors Corp. Electronic oven with liquid collector. 2,762,893, 9-11-56, Cl. 219-10-55.
- Long, George R., to General Motors Corp. Electroplating pipe joint. 2,745,797, 5-15-56, Cl. 204-18.
- Long, Harmon : See—
- Schulken, Roger M., Jr., and Long. 2,768,151.
- Long, Harry J., to Swift & Co. Poultry shackle. 2,764,778, 10-2-56, Cl. 17-44.1.
- Long, Henry A., to Marquardt Aircraft Co. Pressure ratio regulator. 2,767,775, 10-23-56, Cl. 137-86.
- Long, James J. Attachment bracket for supporting decorative articles from a Venetian blind. 2,749,072, 6-5-56, Cl. 248-214.
- Long, Jasper : See—
- Killian, Stanley, and Long. 2,767,383.
- Long, John A. : See—
- Jameson, Jack B., and Long. 2,749,950.
- Long, John A., to Emco Mfg. Co. Oil well pump with diluent delivery means. 2,764,940, 10-2-56, Cl. 103-1.
- Long, John B., to The Long Co. Scraper flight and built-up conveyor chain and flight combination. 2,761,548, 9-4-56, Cl. 198-176.
- Long, John B., and R. J. Frye, to The Long Co. Power driven conveying mechanism. 2,747,721, 5-29-56, Cl. 198-95.
- Long, John H., to Faximile, Inc. Facsimile system wherein the recording is a modification of the copy. 2,729,699, 4-3-56, Cl. 178-6.6.
- Long, John H., to Faximile, Inc. Automatic start-stop means with delayed timing cycle. 2,759,043, 8-14-56, Cl. 178-6.6.
- Long, Lester F. Window screen structure. 2,759,538, 8-21-56, Cl. 160-379.
- Long, Loren L., to Phillips Petroleum Co. Pressure regulating device. 2,749,925, 6-12-56, Cl. 137-1.
- Long, Loren M., to Parke, Davis & Co. Resolution of methylmercaptophenyl-amino-propane-diol. 2,767,213, 10-16-56, Cl. 260-570.6.
- Long Mfg. Co., Inc. : See—
- Atkinson, Wallace E. 2,730,390.
- Long, Marshall. Rotary pump and motor hydraulic transmission. 2,738,649, 3-20-56, Cl. 60-33.
- Long, Marshall, to Olin Mathieson Chemical Corp. Method of manufacturing electric blasting caps. 2,750,831, 6-19-56, Cl. 86-1.
- Long, Ray S. : See—
- Bailes, Richard H., and Long. 2,756,123.
- Long, Ray S., R. H. Bailes, and E. S. De Haven, to the United States of America as represented by the United States Atomic Energy Commission. Process for recovery of uranium. 2,761,758, 9-4-56, Cl. 23-14.5.
- Long, Ray S., and R. H. Bailes, to the United States of America as represented by the United States Atomic Energy Commission. Recovery of uranium from phosphoric acid and phosphate solutions by ion exchange. 2,770,520, 11-13-56, Cl. 23-14.5.
- Long, Rita M. : See—
- Long, Elmer. 2,737,759.
- Long, Richard H., to Bendix Aviation Corp. Transmission control and switch mechanism therefor. 2,757,551, 8-7-56, Cl. 74-472.
- Long, Robert B., J. A. Carver, C. H. Holder, and J. R. Felix, to Esso Research and Engineering Co. Liquid-liquid contacting tower. 2,775,543, 12-25-56, Cl. 196-14.52.
- Long, Robert F., to Hoffmann-La Roche Inc. Process for the manufacture of pyridoxal phosphate. 2,755,284, 7-17-56, Cl. 260-297.
- Long, Robert F. : See—
- Brody, Frederick, Levitt, and Long. 2,754,293.
- Long, Robert S., to American Cyanamid Co. Hydroxytetrahydrocarbazoles. 2,731,474, 1-17-56, Cl. 260-315.
- Long, Robert S., and W. S. Forster, to American Cyanamid Co. Amine salts of 2-cyano-naphthalene-1-sulfonic acid. 2,747,417, 4-17-56, Cl. 260-294.8.
- Long, Roger A., and M. B. Strauss. Hydraulic tensile testing apparatus for material. 2,763,149, 9-18-56, Cl. 73-15.6.
- Long, Samuel W. : See—
- Monroe, Ezra, and Long. 2,745,876.
- Long, Thomas L., to Johnston Testers, Inc. Locating device for perforating guns. 2,741,316, 4-10-56, Cl. 166-219.
- Long, William E. : See—
- Douglas, Alvin P., and Long. 2,754,696.
- Long, William J., to International Business Machines Corp. Type bar impact control. 2,750,022, 6-12-56, Cl. 187-17.
- Long, Nelson C., N. Godak, Jr., and Z. D. Fodor, to United States Rubber Co. Self-closing safety mechanism for releasably retaining a rotatable member. 2,735,684, 2-21-56, Cl. 279-1.
- Longenecker, Levi S. Furnace doors and seals. 2,735,386, 2-21-56, Cl. 110-176.
- Longenecker, Levi S. Furnace refractory structure and mounting. 2,738,744, 3-20-56, Cl. 110-99.
- Longfield, James E. : See—
- James Ixon, and Longfield. 2,730,430.
- Longini, Richard L., to Westinghouse Electric Corp. X-ray image intensifier screen. 2,743,195, 4-24-56, Cl. 117-211.
- Longini, Richard L., to Westinghouse Electric Corp. Spiral X-ray image intensifier. 2,760,077, 8-21-56, Cl. 250-62.
- Longini, Richard L., to Westinghouse Electric Corp. Television pickup tube. 2,760,096, 8-21-56, Cl. 313-65.
- Longley, John D. Door frame. 2,736,930, 3-6-56, Cl. 20-11.
- Longley, Raymond L., Jr. : See—
- Emerson, William S., and Longley. 2,766,266.
- Longley, Raymond L., Jr., to Monsanto Chemical Co. Dihydropyran derivatives. 2,774,771, 12-18-56, Cl. 260-345.8.
- Longley, Raymond L., Jr., E. C. Chapin, and R. F. Smith, to Monsanto Chemical Co. Vinyl ester copolymers. 2,740,771, 4-3-56, Cl. 260-85.7.
- Longley, Raymond L., Jr., W. S. Emerson, and T. C. Shafer, to Monsanto Chemical Co. Dihydropyran derivatives. 2,774,772, 12-18-56, Cl. 260-345.8.
- Longnecker, Russell E. : See—
- Strawther, Charles F. 2,753,603.
- Longo, Joseph J., to Belle City Malleable Iron Co. Fluid actuated speed control device. 2,734,608, 2-14-56, Cl. 192-116.5.
- Longren Aircraft Co. : See—
- Peterson, Albin K. 2,767,767.
- Longstreth, Joseph E., and A. E. Honour, to Critics Associated. 2,751,012, 6-26-56, Cl. 18-12.
- Longstreth, Murrey O., and J. E. Toller, to The Dow Chemical Co. Radial extrusion die. 2,769,200, 11-6-56, Cl. 18-12.
- Longstreth, Murrey O., and D. W. Ryan, to The Dow Chemical Co. Film stretching device. 2,770,007, 11-13-56, Cl. 18-12.
- Longtin, George L. R., to Kraft Paper Products Ltd. Woven matting. 2,745,444, 5-15-56, Cl. 139-420.
- Longwell, John P. : See—
- Verner, Robert A., and Longwell. 2,761,496.
- Longwell, John P., to Esso Research and Engineering Co. Polymerization apparatus unit. 2,740,696, 4-3-56, Cl. 23-252.
- Longyear, E. J., Co. : See—
- Davis, Frank F., and Richmond. 2,729,427.
- Longman, Horace F. Viewing and fishing device. 2,746,194, 4-25-56, Cl. 43-1.
- Longqvist, Lars, to The Viking Tool & Machine Corp. Motor. 2,741,712, 4-10-56, Cl. 310-37.
- Lonza Electric and Chemical Works Ltd. : See—
- Halbig, Paul. 2,750,421.
- Lindemann, Herbert. 2,751,627.
- Lindemann, Herbert. 2,768,407.
- Loofbourrow, Alan G., to Chrysiewicz, W. E. Folkerts, H. Park, and D. F. Toot, to Chrysler Corp. Power steering unit. 2,755,778, 7-24-56, Cl. 121-41.
- Lopker, Richard N. Self-locking rope hook. 2,743,496, 5-1-56, Cl. 24-130.
- Loomans, Robert E., to John Deere Van Brunt Co. Fertilizer distributor. 2,736,470, 2-28-56, Cl. 222-559.
- Loomis, David G. Hydraulic latches. 2,774,335, 12-18-56, Cl. 121-40.
- Loomis, Frank K. Portable cantilever tow spool. 2,751,193, 6-19-56, Cl. 254-166.
- Loomis, G. L. : See—
- Loomis, Glenn L. 2,731,827.
- Loomis, Glenn L.,  $\frac{1}{2}$  to G. L. Loomis,  $\frac{1}{16}$  to J. Stahl,  $\frac{1}{16}$  to R. T. Elmore,  $\frac{1}{2}$  to Estate of F. L. Stahl, deceased,  $\frac{1}{2}$  to J. P. King, Jr.,  $\frac{1}{2}$  to J. P. King, Jr., and  $\frac{1}{2}$  to W. F. King. Hydraulic coil tester. 2,731,827, 1-24-56, Cl. 73-40.5.
- Looney, Arlen B. Knock-down crate. 2,743,835, 5-1-56, Cl. 217-12.
- Loop, Werner. Process of making 4-(p-aminobenzenesulfonyl)amino-pyrimidines. 2,773,061, 12-4-56, Cl. 260-239.75.
- Loos, Edward G., to J. J. Knight. Intermittent drive mechanism. 2,775,140, 12-25-56, Cl. 74-665.
- Loosjes, Robert, to Hartford National Bank and Trust Co., as trustee. Contact diode. 2,747,127, 5-22-56, Cl. 313-235.
- Loosli, Paul, to Sodoco, Societe des Compagnies de Geneve. Register of traffic means. 2,769,596, 11-6-56, Cl. 235-144.
- Loper, George B. : See—
- Miller, John W., and Loper. 2,753,535.
- Loper, George B., to Socony Mobil Oil Co., Inc. Electronic beam controlled multiplication. 2,765,117, 10-2-56, Cl. 23-12.
- Loper, George B., and R. R. Pittman, to Socony Mobil Oil Co., Inc. Conduction transfer production of control voltage functions. 2,765,403, 10-2-56, Cl. 250-27.
- Lopez, Peter R. Dispenser for material in collapsible tubes. 2,772,028, 11-27-56, Cl. 222-85.
- Lopez, Peter R. Means for removing means for cotton gins. 2,736,068, 2-28-56, Cl. 19-59.
- Löpmann, Bernhard, to Chemische Werke Essener Steinkohle A. G. Process for the catalytic treatment of gases containing carbon compounds and hydrogen. 2,751,404, 6-19-56, Cl. 260-49.6.
- Lo Presti, Charles C., to United States Rubber Co. Elastic foot grip for shoes. 2,761,225, 9-4-56, Cl. 36-58.5.
- Loral Electronics Corp. : See—
- Nielsen, Jules. 2,746,316.
- Lorand, Eugene J., and J. E. Reese, to Hercules Powder Co. 2,751,520, 6-12-56, Cl. 260-110.
- L'Orange, Rudolf. Needle nozzle for internal combustion engines. 2,743,961, 5-1-56, Cl. 299-107.6.
- L'Orange, Rudolf. Needle nozzle for internal combustion engines. 2,769,669, 11-6-56, Cl. 299-107.6.
- Lorant, Hugo. Hydraulic machinery. 2,739,443, 3-27-56, Cl. 60-31.

- Lorant, Hugo, and F. J. Kent, to Baldwin-Lima-Hamilton Corp. Pipe testing machine. 2,755,661, 7-24-56, Cl. 73-49.5.
- Lorber, William R., to The Babcock & Wilcox Co. Tube and header connections. 2,762,635, 9-11-56, Cl. 285-155.
- Lorch, Joseph A., See—
- McKee, Sheldon R., 2,759,349.
- Lord, Albert M. Apparatus for burning wire metal. 2,744,742, 5-8-56, Cl. 263-1.
- Lord, Arthur H., to The Texas Co. Thickness measuring instrument. 2,769,097, 10-30-56, Cl. 250-35.8.
- Lord, Arthur H., Jr., to The Texas Co. Amplifier regulation circuit. 2,759,050, 8-14-56, Cl. 179-171.
- Lord & Burnham, Division of Burnham Corp.: See—
- Bowden, John W., 2,762,475.
- Lord, Dwight S., and H. A. Morrison, to Boeing Airplane Co. Compass-swinging apparatus. 2,748,486, 6-5-56, Cl. 33-46.
- Lord, Francis L.,  $\frac{1}{2}$  to E. T. Roe, and  $\frac{1}{2}$  to A. B. Bellwood, and C. F. Batchelder, Jr., and M. E. Byars. Lock comprising an external shell member cooperatively keyed to a threaded split internal member. 2,758,626, 8-14-56, Cl. 151-19.
- Lord, Harold W., to General Electric Co. Electromagnetic switching means. 2,763,841, 2-28-56, Cl. 315-174.
- Lord, Harold W., to General Electric Co. Deflection yoke for cathode ray tube. 2,748,824, 5-29-56, Cl. 317-200.
- Lord Mfg. Co.: See—
- Gensheimer, Joseph R., and Grumblatt, 2,772,649.
- Painter, Giles W., 2,753,396.
- Painter, Giles W., 2,756,016.
- Lorenan, Zareh. Packing for screw extrusion presses. 2,767,430, 10-23-56, Cl. 18-12.
- Lorenan, Zareh. Screw extrusion apparatus for manufacturing articles of plastic and thermosetting materials. 2,769,201, 11-6-56, Cl. 18-13.
- Lorentzen, H. K., Inc.: See—
- Bond, Scott R., 2,746,824.
- Lorentzen, Hans K., to Lorentzen Hardware Mfg. Corp. Cord lock. 2,731,111, 8-17-56, Cl. 188-64.
- Lorentzen, Hans K., to Lorentzen Hardware Mfg. Corp. Brace for Venetian blind cord locks and head channels. 2,744,572, 5-8-56, Cl. 160-173.
- Lorentzen Hardware Mfg. Corp.: See—
- Andrie, Joseph A., 2,732,881.
- Bond, Scott R., 2,770,296.
- Lorentzen, Hans K., 2,731,111.
- Lorentzen, Hans K., 2,744,572.
- Nelson, Harry., 2,745,486.
- Lorenz, Albert J.: See—
- Cuff, Harold B., Swoboda, and Lorenz, 2,730,561.
- Lorenz, Albert J., to American Hard Rubber Co. Bowling ball grip measuring device. 2,733,515, 2-7-56, Cl. 33-174.
- Lorenz, Anton. Article of repose for supporting the body of a person. 2,743,764, 5-1-56, Cl. 155-106.
- Lorenz, Anton. Reclining article of furniture. 2,743,765, 5-1-56, Cl. 155-106.
- Lorenz, Anton. Article of repose for supporting the body of a person. 2,745,469, 5-15-56, Cl. 155-106.
- Lorenz, Anton. Article of repose for supporting the body of a person. 2,746,521, 5-22-56, Cl. 155-106.
- Lorenz, Anton. Reclining article of furniture. 2,746,522, 5-22-56, Cl. 155-106.
- Lorenz, Anton. Reclining chair with back rest, seat, and leg rest, movable. 2,760,554, 8-28-56, Cl. 155-106.
- Lorenz, Anton. Article of repose for supporting the body of a person. 2,760,555, 8-28-56, Cl. 155-106.
- Lorenz, C., Aktiengesellschaft: See—
- Liebknecht, Werner, 2,738,498.
- Lorenz, Edward H.: See—
- Downey, Francis F., Du Bois, and Lorenz, 2,760,551.
- Lorenz, Edward H., T. Waugh, and D. G. Merrill, to Emhart Mfg. Co. Vacuum packaging machine. 2,749,686, 6-12-56, Cl. 53-22.
- Lorenz, Johannes, to International Standard Electric Corp. Circuit arrangement for operating and releasing a control relay by the same switching operation. 2,764,715, 9-25-56, Cl. 317-151.
- Lorenz, Leo J.: See—
- Elfes, Lee E., and Lorenz, 2,757,504.
- Lorenz, Lothar: See—
- Bartholomé, Ernst, Lehrer, and Lorenz, 2,738,839.
- Lorenz, Lothar, and W. C. Chorbacher, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Recovery of acetylene solvents. 2,738,860, 3-20-56, Cl. 183-115.
- Lorenz, Richard L., to General Time Corp. Workmen's in-and-out recorder. 2,773,733, 12-11-56, Cl. 346-84.
- Lorenz, Roy H.: See—
- Bond, Donald C., and Lorenz, 2,765,039.
- Lorenz, Wallace J. Sponge rubber broom. 2,735,129, 2-21-56, Cl. 15-244.
- Lorenz, Walter, to Farbenfabriken Bayer Aktiengesellschaft. Derivatives of thiophosphoric acid. 2,758,115, 8-7-56, Cl. 260-248.
- Lorenz, Walter, and G. Schrader, to Farbenfabriken Bayer Aktiengesellschaft. Alkylmethylcaptoalkyl o,o - dialkylidithiophosphate. 2,759,010, 8-14-56, Cl. 260-461.
- Lorenz, Willard S.: See—
- Bank, Thor G., and Lorenz, 2,744,979.
- Lorenzen, Howard O., High frequency oscillator. 2,763,783, 9-18-56, Cl. 250-36.
- Lorenzo, Louis: See—
- Sejman, Edmund L., and Lorenzo, 2,741,843.
- Sejman, Edmund L., and Lorenzo, 2,741,844.
- Lorenzson, Eugen H., to Publisher Printing Co., Inc. Wrappings for chocolate, cookies, candy, and other sweets. 2,745,596, 5-15-56, Cl. 229-87.
- Loria, Anthony, P. V. Wittum, and A. Weissberger, to Eastman Kodak Co. Bihydroquinone antistain agents. 2,735,782, 2-21-56, Cl. 95-6.
- Loria, Anthony, and G. W. Sawdye, to Eastman Kodak Co. Aroyl resorcinol compounds. 2,756,253, 7-24-56, Cl. 260-507.
- Loria, Anthony, and E. T. Pesch, to Eastman Kodak Co. Photographs, emulsions and new coupling compounds. 2,772,161, 11-27-56, Cl. 96-55.
- Lorig, Edwin T., to United States Steel Corp. Apparatus for automatically centering and aligning moving objects. 2,753,536, 2-21-56, Cl. 198-702.
- Lorig, Edwin T., to United States Steel Corp. Conveying and guiding belt composed of flattened metal helix. 2,751,066, 6-19-56, Cl. 198-193.
- Lorig, Edwin T., to United States Steel Corp. Method and apparatus for making a metallic belt. 2,752,670, 7-3-56, Cl. 239-407.
- Lorig, Edwin T., to United States Steel Corp. Strip handling apparatus. 2,760,544, 8-28-56, Cl. 153-54.
- Lorig, Edwin T., to United States Steel Corp. Apparatus for making a metallic belt. 2,760,545, 8-28-56, Cl. 153-90.
- Lorig, Edwin T., to United States Steel Corp. Automatic centering apparatus. 2,772,879, 12-4-56, Cl. 271-2.6.
- Lorig, Edwin T., and H. S. Orr, to United States Steel Corp. Strip coiling apparatus. 2,762,578, 9-11-56, Cl. 242-78.
- Lorin, C. P.: See—
- Knudson, Harold W., 2,761,798.
- Knudson, Harold W., 2,765,515.
- Temple, Harold F., 2,761,568.
- Lorman, Charles E.: See—
- Rine, Elliot, and Lorman, 2,734,275.
- Lormor, Henry W.: See—
- Korfage, Vincent G., and Lormor, 2,764,115.
- Willard, Alfred R., Haak, and Lormor, 2,748,737.
- Lorson, W. W., to The Electric Storage Battery Co. Apparatus for manufacturing storage batteries. 2,736,934, 3-6-56, Cl. 22-58.
- Lornizio, Frank C., to Merit Engineering, Inc. Relief valve. 2,759,487, 8-21-56, Cl. 137-490.
- Lornizio, Frank C., and C. N. Lovenberg, to Merit Engineering, Inc. Relief valve. 2,737,200, 3-6-56, Cl. 137-490.
- Loro & Parisini Societa per Azioni: See—
- Sborlino, Gino, 2,772,127.
- Lorz, Emil: See—
- Baltzly, Richard, Ide, and Lorz, 2,742,472.
- Baltzly, Richard, Ide, and Lorz, 2,767,186.
- Baltzly, Richard, Lorz, and Russell, 2,767,185.
- Losch, Kenneth: See—
- Rau, Frank J., and Losch, 2,760,083.
- Losco, Ezekiel F.: See—
- Gordon, Robert B., and Losco, 2,759,230.
- Losco, Ezekiel F., to Westinghouse Electric Corp. Semiconductor rectifier device. 2,752,541, 6-26-56, Cl. 317-234.
- Losse, Kathryn A.: See—
- Bernstein, Jack, and Losse, 2,738,347.
- Bernstein, Jack, and Losse, 2,742,476.
- Bernstein, Jack, and Losse, 2,753,352.
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- Bernstein, Jack, Lott, and Losse, 2,742,393.
- Wiselogle, Frederick Y., Losse, and Bernstein, 2,758,116.
- Loser, Harry A. Bascule bridge with central girder leaf support. 2,740,145, 4-3-56, Cl. 14-38.
- Losey, Arthur M., to Gyrodyn Co. of America, Inc. Transmission, particularly for helicopter rotors. 2,770,149, 11-13-56, Cl. 74-665.
- Losey, Thomas B., to The Guberson Corp. Well blowout preventer. 2,749,078, 6-5-56, Cl. 251-1.
- Loshi, Albert. Eccentric pasture gate post. 2,768,456, 10-30-56, Cl. 39-74.
- Losner, Samuel, to Jewish Sanitarium and Hospital for Chronic Diseases. Means and methods for examining the nature of cardiac activity. 2,772,672, 12-4-56, Cl. 128-205.
- Losso, Isidor R., to Ingersoll-Rand Co. Position indicator for shafts. 2,746,418, 5-22-56, Cl. 116-124.
- Lothringer, Robert L., to Sinclair Refining Co. Process and sheet packaging material for inhibiting corrosion. 2,756,120, 7-24-56, Cl. 21-2.5.
- Lothrop, John W.: See—
- Bing, Herbert A., and Lothrop, 2,740,342.
- Lothrop, Marcus: See—
- Harris, Robert L., and Lothrop, 2,734,560.
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- Lott, William A.: See—
- Bernstein, Jack, Lott, and Losse, 2,742,393.
- Krapcho, John, and Lott, 2,733,241.
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- Sheehan, John T., and Lott, 2,754,297.
- Lotz, Charles W., and C. M. Kazmier, to Link-Belt Co. Wash box discharge control. 2,742,153, 4-17-56, Cl. 209-496.
- Lotz, Henry, and T. H. O'Connor. Material moving blade attachment. 2,763,943, 9-25-56, Cl. 37-143.
- Lotz, Otto, to The Babcock & Wilcox Co. Fluid heat exchange unit with a furnace having gas deflecting inner wall surface. 2,748,754, 6-5-56, Cl. 122-235.
- Lotz, Rudolf: See—
- Heisenberg, Erwin, Kleine, and Lotz, 2,739,170.
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- Lotz, Rudolf, to Vereinigte Glanzstoff-Fabriken A. G. Method of preparing terephthalic acid. 2,740,811, 4-3-56, Cl. 260-523.
- Lotz, Rudolf, to Vereinigte Glanzstoff-Fabriken A. G. Preparation of amino-acids containing imino-groups. 2,740,812, 4-3-56, Cl. 260-534.
- Lotz, Rudolf, to Vereinigte Glanzstoff-Fabriken A. G. Method of polycondensation of alkylene, alkylidene- and aralkylidene-bis-halogen substituted carboxylic acid amides. 2,743,246, 4-24-56, Cl. 260-2.
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- Loucks, Alton L., to Western Electric Co., Inc. Material guiding apparatus. 2,774,594, 12-18-56, Cl. 271-2.6.
- Loucks, Donald. Apparatus for balancing shafts and the like. 2,787,814, 3-13-56, Cl. 73-481.
- Loucouy, Adolphe W., to Conso Metal Products, Inc. Venetian blind headbar and hardware therefor. 2,746,539, 5-22-56, Cl. 160-177.
- Louden, Edgar W., and W. K. Holleran, to National Lead Co. Conveyor truck. 2,730,256, 1-10-56, Cl. 214-522.
- Louden, Victor J., to General Electric Co. Magnetic amplifier. 2,765,374, 10-2-56, Cl. 179-171.
- Loudon, Arthur. Transfer adaptor for cigarettes. 2,753,062, 7-3-56, Cl. 214-307.
- Loudon, Clifford, and W. E. Riker to Holmes Electric Protective Co. Device for detecting motion in a confined space. 2,749,537, 6-5-56, Cl. 340-258.
- Loudon, Robert C. Binder for papers, pamphlets, catalogs and similar articles. 2,732,842, 1-31-56, Cl. 129-1.
- Loufek, Louis F., to Ralston Purina Co. Apparatus for applying lip strips to receptacles. 2,731,778, 1-24-56, Cl. 53-61.
- Louft, Nathan. Squeezers. 2,730,043, 1-10-56, Cl. 101-123.
- Loughlin, Bernard D., to Hazeltine Research, Inc. Frequency-modulation detection system. 2,730,564, 1-10-56, Cl. 10-5.8.
- Loughlin, Bernard D., to Hazeltine Research, Inc. Image-reproducing system for a color-television receiver. 2,734,940, 2-14-56, Cl. 178-5.4.
- Loughlin, Bernard D., to Hazeltine Research, Inc. Compatible image-reproducing system. 2,759,993, 8-21-56, Cl. 178-5.4.
- Loughlin, Bernard D., to Hazeltine Research, Inc. Signal-detection systems for intercarrier television receivers. 2,765,363, 10-2-56, Cl. 178-5.8.
- Loughlin, Bernard D., to Hazeltine Research, Inc. Constant luminance color-television. 2,773,929, 12-11-56, Cl. 178-5.2.
- Loughlin, Bernard D., to Hazeltine Research, Inc. Color-television system. 2,774,072, 12-11-56, Cl. 178-5.2.
- Loughlin, Bernard D., to Hazeltine Research, Inc. Frequency modulation detector having fixed output frequency converter. 2,774,867, 12-13-56, Cl. 250-20.
- Loughner, John N. Trailer hitch with vertically spaced connections. 2,738,206, 3-13-56, Cl. 280-461.
- Loughran, Robert H., to United Aircraft Corp. Burner construction for high velocity gases. 2,744,384, 5-8-56, Cl. 60-39.72.
- Loughran, Arthur V., to Hazeltine Research, Inc. Photographic color printer. 2,757,571, 8-7-56, Cl. 88-24.
- Loughrie, Carrie. Means for teaching music. 2,731,871, 1-24-56, Cl. 84-470.
- Louie, Don. Camera shutter tripping attachment. 2,742,836, 4-24-56, Cl. 95-53.
- Louis Allis Co.: See—
- Wilson, Jack T., and Byers. 2,770,316.
- Louis, Arnold S.: See—
- Coler, Myron A., and Louis. 2,751,473.
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- Louisiana State University and Agricultural and Mechanical College, Board of Supervisors of: See—
- Horton, Paul M., and Keller. 2,729,856.
- Horton, Paul M., and Keller. 2,729,858.
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- Kaloverens, Socrates A. 2,751,305.
- Louk, Frederick B. Curved surface wiper. 2,772,435, 12-4-56, Cl. 15-245.
- Loukowsky, Serge A., to Plax Corp. Method and apparatus for treatment of polyethylene. 2,767,103, 10-16-56, Cl. 117-46.
- Loumiet et Lavigne, Juan, deceased; L. J. M. Boy y Lafitte, executrix or administratrix. Means for regulating steam generators. 2,732,850, 1-31-56, Cl. 122-1.
- Louthan, George P., to Sears, Roebuck and Co. Reciprocating cutting assembly with tractor mountable hitch structure. 2,744,374, 5-8-56, Cl. 34-25.
- Louthan, Rector P.: See—
- Fanning, Robert J., and Louthan. 2,742,447.
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- Heintz, Rene. 2,730,158.
- Lovable Brassiere Co., The: See—
- Bermueller, Richard. 2,762,055.
- Lovasz, Elmer S. Combination razor holder and shaving cream dispenser. 2,743,732, 5-1-56, Cl. 132-80.
- Lovatt, Bernard C., to Alan Muntz & Co. Ltd. Internal-combustion-operated air-compressors. 2,739,021, 3-20-56, Cl. 309-17.
- Love, Albert J. Archery gloves. 2,769,179, 11-6-56, Cl. 2-161.
- Love, Chalmers G.: See—
- Love, Joseph C. and C. G. 2,742,894.
- Love, George D., and D. B. Hopkinson, to Saco-Lowell Shops. Drafting machine. 2,756,462, 7-31-56, Cl. 19-131.
- Love, Gordon W., and C. A. Pelizzari. Removable window sash and guide rail therefor. 2,761,182, 9-4-56, Cl. 20-12.
- Love, John, to K. A. C. Ltd. Latch for cover panels. 2,749,167, 6-5-56, Cl. 292-226.
- Love, Joseph C. and C. G. Oil burning heater for tobacco barns. 2,742,894, 4-24-56, Cl. 126-93.
- Love, Phil P.: See—
- Tait, William H., and Love. 2,755,992.
- Love, Phil P., to The Glacier Metal Co. Method for incorporating a solid lubricant into a porous metallic surface. 2,721,360, 1-17-56, Cl. 117-49.
- Love, Robert D.: See—
- Miller, Harry, and Love. 2,729,780.
- Love, Robert M., to Esso Research and Engineering Co. Method for finishing crude benzene by treating with sulfuric acid, neutralizing and distilling in the presence of a flux oil. 2,733,387, 7-3-56, Cl. 260-2.
- Love, Robert M., and R. E. Tannich, to Esso Research and Engineering Co. Production of hydrocarbon solvents of low acid wash color. 2,731,506, 1-17-56, Cl. 260-668.
- Lovegren, Kenneth W.: See—
- Roberts, Morris E. 2,768,662.
- Lovejory, Charles K., to Scripto, Inc. Retractable ball pen. 2,748,748, 6-5-56, Cl. 120-42.03.
- Lovelace, Alan M.: See—
- Tarrant, Paul, and Lovelace. 2,750,431.
- Lovelace, Charles I. Crabbing lure device. 2,742,731, 4-24-56, Cl. 43-44.99.
- Lovelace, Henry F. Wheeled bassinet convertible to high chair and other infant devices. 2,754,889, 7-17-56, Cl. 155-45.
- Lovelace, William H. Apparatus for handling work. 2,737,709, 3-13-56, Cl. 29-290.
- Lovelady, Isaac W., and S. P. Kroeker, to Sivalis Tanks, Inc. Liquid and gas separator. 2,766,837, 7-31-56, Cl. 183-2.7.
- Loveland, Roger S., and A. J. Maher, to Minneapolis Honeywell Regulator Co. Oven control. 2,746,686, 5-22-56, Cl. 236-94.
- Loland, Theron A., Jr., and A. F. Prust, to Republic Steel Corp. Electrodeposition method. 2,769,774, 11-6-56, Cl. 204-56.
- Lovelses, Compere. Combined center column and distributor for sewage treating apparatus. 2,758,875, 8-14-56, Cl. 299-69.
- Lovelses, Donald L., to Armco Steel Corp. Stainless steels containing boron. 2,750,283, 6-12-56, Cl. 75-124.
- Lovell, Clarence A.: See—
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- Dunlap, Kermit S., and Lovell. 2,774,822.
- Ingerson, William A., and Lovell. 2,757,283.
- Lovell, Clarence A., to Bell Telephone Laboratories, Inc. Multifrequency high speed calling signal generator. 2,739,298, 3-20-56, Cl. 340-171.
- Lovell, Louis R., and J. B. West, Jr., to S K F Industries, Inc. Method of producing one piece roller bearing cage. 2,765,518, 10-9-56, Cl. 29-148.4.
- Lovell Mfg. Co.: See—
- Kauffman, Walter L., II. 2,734,281.
- Kauffman, Walter L., II. 2,734,372.
- Kauffman, Walter L., II. 2,752,771.
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- Lovell, Paul W., to Johnson Fare Box Co. Vending machine coin changer. 2,738,050, 3-13-56, Cl. 194-9.
- Lovell, Robert B.: See—
- Camarda, Frank V., Gumbs, and Lovell. 2,750,302.
- Loverch, Charles L., and C. E. Finck; said Loverch assor, to said Finck. Index cutter having work carriage movable relative to the cutter. 2,763,324, 9-18-56, Cl. 164-59.
- Lovering, David W.: See—
- Clancy, John J., and Lovering. 2,734,838.
- Clancy, John J., and Lovering. 2,734,839.
- Lovesey, Alfred C., to Rolls-Royce Ltd. Gas turbine engine with means for reheating turbine exhaust gases. 2,734,341, 2-14-56, Cl. 60-35.6.
- Lovesey, Alfred C., to Rolls-Royce Ltd. Means for regulating the characteristics of multi-stage axial-flow compressors. 2,754,710, 7-10-56, Cl. 390-114.
- Lovesey, Alfred C., to Rolls-Royce Ltd. Gas-turbine engine with reheat combustion equipment. 2,771,743, 11-27-56, Cl. 60-39.72.
- Lovett, Charles R. Combined safety pad and harness for infants. 2,758,595, 8-14-56, Cl. 128-134.
- Lovett, Richard N.: See—
- Myers, Harold C., and Lovett. 2,754,249.
- Lovick, John B., to Aero Instrument Co. Switch actuating mechanism. 2,742,544, 4-17-56, Cl. 200-83.
- Lovick, Robert C., to Eastman Kodak Co. Silver sound track on multilayer color film. 2,738,550, 9-18-56, Cl. 95-2.

- Loving, Frank A.: *See*—  
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- Lovisek, Louis D.: *See*—  
General American Transportation Corp. Self-coupling screw having head with arcuately curved undersurface. 2,764,053, 9-25-56, Cl. 85-43.
- Lovshin, Frank A., to J. A. Dufourd, and R. T. Korolyshun, to Sidney Blumenthal & Co., Inc. Means for preventing injury in case of loom shuttle stoppage. 2,730,140, 1-10-56, Cl. 139-341.
- Lovshin, Frank A., and J. Jaffe, to Sidney Blumenthal & Co., Inc. Loom drive with means for shockless stopping. 2,753,894, 7-10-56, Cl. 139-1.
- Low, Edward D., to George Kent Ltd. Floats for use in measuring instruments. 2,736,336, 2-28-56, Cl. 137-452.
- Low, Emery M.: *See*—  
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- Low, Frank D., to General Electric Co. Dishwashing machine. 2,751,917, 6-24-56, Cl. 134-176.
- Low, Frank D., to General Electric Co. Control circuits for dishwashing apparatus. 2,771,894, 11-27-56, Cl. 134-57.
- Low, Frank K., to Bell Telephone Laboratories, Inc. Rectangular coordinate registering circuit. 2,744,245, 5-1-56, Cl. 340-166.
- Low, Frederick G., to E. I. du Pont de Nemours and Co. Dehydrating and defatting animal tissues. 2,742,489, 4-17-56, Cl. 260-412.
- Low, Gerald G. Tape splicing apparatus. 2,748,832, 6-5-56, Cl. 154-42.3.
- Löw, Imretraut: *See*—  
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- Kuhn, Richard, and Löw. 2,770,618.
- Low, Richard: *See*—  
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- Low, Richard, to Pastushin Aviation Corp. Ejector mechanism. 2,749,063, 6-5-56, Cl. 244-137.
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- Lowdermilk, Ford R., and E. A. Bruce, to The Pennsylvania Salt Mfg. Co. Process for the manufacture of benzene hexachloride. 2,770,658, 11-13-56, Cl. 260-648.
- Lowe, Arnold J., and D. Butler, to Oxiplane Ltd. Production of polymeric products from styrene and unsaturated fatty compounds. 2,736,716, 2-28-56, Cl. 260-23.
- Lowe, Charles S., to the United States of America as represented by the United States Atomic Energy Commission. Method for decontamination of radioactively contaminated aqueous solution. 2,766,204, 10-9-56, Cl. 210-23.
- Lowe, Earl W., and C. R. Foltz, to Mueller Co. Machine-inserted service T. 2,757,024, 7-31-56, Cl. 285-156.
- Lowe, Edison, and W. C. Rockwell, to the United States of America as represented by the Secretary of Agriculture. Continuous belt trough drier. 2,743,194, 5-15-56, Cl. 34-233.
- Lowe, Edwin C., to Norton Co. Process of making boron carbide containing aluminum, and products thereof. 2,746,133, 5-22-56, Cl. 26-152.8.
- Lowe, Harry F.: *See*—  
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- Lowe, James, to Anaconda Wire and Cable Co. Wire marking apparatus. 2,739,523, 3-27-56, Cl. 101-37.
- Lowe, Joe, Corp.: *See*—  
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- Lurie, Daniel. 2,750,078.
- Lowe, Mark W. Apparatus for peeling tomatoes. 2,754,749, 7-17-56, Cl. 99-234.
- Lowe, Sydney P., to Bigelow, Inc. Machine for milling brake shoe linings. 2,731,888, 1-24-56, Cl. 90-20.
- Lowe, Warren: *See*—  
Stuart, Frank A., and Lowe. 2,758,086.
- Lowe, Warren, to California Research Corp. Foam-inhibited lubricating oils. 2,772,238, 11-27-56, Cl. 252-48.2.
- Lowe, Wesley G.: *See*—  
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- Lowe, Wesley G., J. E. Jones, and H. E. Roberts, to Eastman Kodak Co. Chemical sensitization of photographic emulsions. 2,739,060, 3-20-56, Cl. 95-7.
- Lowe, Wesley G., J. E. Jones, and H. E. Roberts, to Eastman Kodak Co. Chemical sensitization of photographic emulsions. 2,743,182, 4-24-56, Cl. 95-7.
- Lowe, Wesley G., J. E. Jones, and H. E. Roberts, to Eastman Kodak Co. Chemical sensitization of photographic emulsions. 2,743,183, 4-24-56, Cl. 95-7.
- Lowe, William G., to British Celanese Ltd. Heat-stabilized, plasticized cellulose acetate. 2,761,788, 9-4-56, Cl. 106-176.
- Lowen, Oscar L. Vanity case. 2,770,387, 11-13-56, Cl. 220-18.
- Lowen, Herbert: *See*—  
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- Back, Frank G., and Lowen. 2,732,763.
- Lowenheim, Frederick A., and H. B. Forman, to Metal & Thermit Corp. Immersion tinning from stannate solutions. 2,735,788, 2-21-56, Cl. 117-130.
- Lowenheim, Frederick A., and H. E. Hirschland, to Metal & Thermit Corp. Method for tin plating bunched and braided wire. 2,737,483, 3-6-56, Cl. 204-27.
- Lowens, William, Device for trimming wall paper or the like. 2,758,650, 8-14-56, Cl. 164-73.
- Lowensohn, Ralph S., to The O. A. Sutton Corp., Inc. Air conditioning unit. 2,747,377, 6-29-56, Cl. 62-4.
- Lowenstein-Lom, Walter, to Esso Research and Engineering Co. New chemical compound. 2,769,013, 10-20-56, Cl. 260-332.3.
- Lower, Carl F., to Westinghouse Air Brake Co. Control apparatus for highway crossing signals. 2,740,887, 2-7-56, Cl. 248-130.
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- Lower, Jack W., to Minneapolis-Honeywell Regular Co. Automatic steering apparatus. 2,751,540, 6-19-56, Cl. 318-489.
- Lower, Jack W., and D. G. Taylor, to Minneapolis-Honeywell Regular Co. Gyroscope. 2,766,627, 10-16-56, Cl. 74.
- Lowsery, Charley. Automatic dump valve for fluid lines. 2,756,767, 7-31-56, Cl. 137-397.
- Lowgren, K. A. Uno, and H. S. Messing, to American Defibrator Inc. Continuous flow process for removing moisture from materials such as bark and the like. 2,729,161, 1-5-56, Cl. 100-147.
- Lowney, William J. Method of making a resilient twisted band. 2,760,330, 8-28-56, Cl. 57-158.
- Lozon, Charles A., to L. L. Sound reproducing systems. 2,768,702, 10-30-56, Cl. 181-31.
- Lowry, Glenn W. Tool handle with rotatable cap structure. 2,743,749, 5-1-56, Cl. 145-61.
- Lowry, Lewis R., Jr., and H. H. C. Richards, Jr., to Westinghouse Electric Corp. Electric regulator. 2,773,156, 12-4-56, Cl. 201-51.
- Lowry, Ned W., and R. K. Skinner, to General Motors Corp. Propeller control system. 2,766,833, 10-16-56, Cl. 170-135.24.
- Lowry Oil Tools, Inc.: *See*—  
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- Lowry, Robert: *See*—  
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- Singher, Heron O., and Lowy. 2,761,808.
- Loxham, John, to Loxham Instrument Co. Ltd. Means for axially locating a rotatable sleeve on a pin. 2,774,147, 12-18-56, Cl. 33-181.
- Lloyd, Clyde C.: *See*—  
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- Lloyd, Gordon H. Flush tank. 2,760,206, 8-28-56, Cl. 4-57.
- Lloyd, Joe D., by decree of distribution of  $\frac{1}{2}$  to M. H. Lloyd and  $\frac{1}{2}$  to C. C. Lloyd. Tractor rear axle housing assembly support. 2,735,501, 2-21-56, Cl. 108-75.
- Lloyd, Myrtle H.: *See*—  
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- Loye, Edward C. Bed pan. 2,741,777, 4-17-56, Cl. 4-112.
- Loynes, Alfred H. W.: *See*—  
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- Lozano, Eusebio. Sink mounted cooking vessel. 2,758,588, 8-14-56, Cl. 126-1.
- Lozier, John C.: *See*—  
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- Lozier, John, to Bell Telephone Laboratories, Inc. Two-stage transistor feedback amplifier. 2,760,007, 8-21-56, Cl. 179-171.
- Lozinski, Ezra: *See*—  
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- Lozon, Alfred W. Arrow hatching fixture. 2,731,992, 1-24-56, Cl. 144-289.
- Luark, Joseph, and W. S. Ellis. Paraffin solvents. 2,741,596, 4-10-56, Cl. 252-8.55.
- Lubben, Gerrit J.: *See*—  
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- Lubben, Gerrit J., to Hartford National Bank and Trust Co., as trustee. Receiver for at least two ultra-high-frequency ranges. 2,736,798, 2-28-56, Cl. 250-20.
- Lubbers, Renso. Christmas tree stand. 2,761,641, 9-4-56, Cl. 248-17.
- Lübecker, Kalltemaschlen-G. m. b. H.: *See*—  
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- Lüben, Robert, to Ruhrchemie Aktiengesellschaft. Apparatus for hydrogenation of paraffins. 2,758,057, 8-7-56, Cl. 196-20.
- Lüben, Robert, to Ruhrchemie Aktiengesellschaft. Refining hydrogenation of paraffins. 2,761,871, 9-4-56, Cl. 260-450.
- Lüben, Robert, to Ruhrchemie Aktiengesellschaft. Purification of paraffin hydrocarbons boiling above about 380° C. 2,748,110, 12-4-56, Cl. 260-676.
- Lüben, Robert, and E. Stiebling, to Ruhrchemie Aktiengesellschaft. Production of commercial paraffin waxes. 2,746,983, 5-22-56, Cl. 260-450.
- Luben, Winer Inc.: *See*—  
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- Lubersky, Albert R., to Fibreboard Products Inc. Feeding method and apparatus for paper or the like. 2,755,086, 7-17-56, Cl. 271-316.
- Lubkin, Samuel, to Underwood Corp. Apparatus for measuring and recording pressures indicated by manometer tubes. 2,746,295, 5-22-56, Cl. 73-398.
- Lubkin, Samuel, to Underwood Corp. Bi-stable device. 2,756,329, 7-24-56, Cl. 250-27.
- Lubkin, Samuel, to Underwood Corp. Pulse monitoring system. 2,756,409, 7-24-56, Cl. 340-149.
- Lubkin, Samuel, to Underwood Corp. Limiter for pulse amplifiers. 2,758,205, 8-7-56, Cl. 250-27.
- Lubkin, Samuel, to Underwood Corp. Voltage measuring device. 2,762,038, 9-4-56, Cl. 340-347.
- Lubkin, Samuel, and D. Golden, to Underwood Corp. Magnetic recording system. 2,764,463, 9-25-56, Cl. 346-74.



- Lubow, Morris, to Wolf X-Ray Products, Inc. Film illuminators. 2,755,585, 7-24-56, Cl. 40-130.
- Lubowe, Irwin I.: See—
- Markstein, Robert P., and Lubowe. 2,755,976.
- Lubrizol Corp. The: See—
- Asseff, Peter A., Mastin, and Rhodes. 2,767,164.
- Asseff, Peter A., Mastin, and Rhodes. 2,767,209.
- Le Suer, William M. 2,760,970.
- Lubs, Herbert A., to E. I. du Pont de Nemours & Co. Treatment of reduced keratinous materials with  $\alpha,\alpha'$ -dihalo-carboxylic acid. 2,739,033, 3-20-56, Cl. 8-128.
- Lubszynski, Hans G., and P. F. T. C. Stillwell, to Electric & Musical Industries Ltd. Television transmission tubes. 2,753,483, 7-3-56, Cl. 315-11.
- Lucas, Alexander H., Jr., to Continental Can Co., Inc. Composite can with quick-opening side wall. 2,775,394, 12-25-56, Cl. 229-51.
- Lucas, August L. Camp grill. 2,752,846, 7-3-56, Cl. 99-441.
- Lucas, Cecil A., to American Vault Corp. Mold for hollow articles. 2,733,495, 2-7-56, Cl. 25-130.
- Lucas, Charles D., to Deering Milliken Research Corp. Automatic flat-cutter for winding machines. 2,732,141, 1-24-56, Cl. 242-19.
- Lucas, Emil A.: See—
- Weldon, Alexander M., Woodward, Bailey, and Lucas. 2,741,364.
- Lucas, Frank E. Garment bag dispensing device. 2,737,328, 3-6-56, Cl. 226-18.
- Lucas, George R. Hide away bed gates. 2,751,608, 6-26-56, Cl. 5-331.
- Lucas, George W., to General Electric Co. Sintered tungsten carbide composition. 2,731,711, 1-24-56, Cl. 29-182.8.
- Lucas, George W., and C. S. Wiedman, to General Electric Co. Sintered carbide compositions. 2,731,710, 1-24-56, Cl. 29-182.7.
- Lucas, John H.: See—
- Guttridge, Eric J., Lucas, and Yandell. 2,764,346.
- Lucas, Joseph, (Industries) Ltd.: See—
- Downing, Eric W. 2,731,175.
- Downing, Eric W. 2,731,523.
- Harris, Thomas A., Lawrence, and Warne. 2,759,532.
- Harris, Thomas A., Lawrence, and Warne. 2,769,488.
- Ifield, Richard J. 2,733,606.
- Ifield, Richard J. 2,747,596.
- Ifield, Richard J. 2,754,106.
- Laird, John A. 2,734,143.
- Laird, John A. 2,748,318.
- Lawrence, Owen N. 2,747,369.
- Lawrence, Owen N. 2,758,638.
- Lawrence, Owen N. 2,764,944.
- Prickett, Alfred D. 2,754,391.
- Watson, Ernest A., and Bottoms. 2,764,868.
- Lucas, Joseph, Ltd.: See—
- Bottoms, Charles H. 2,753,882.
- Harris, Thomas A. 2,769,306.
- Lawrence, Owen N. 2,753,803.
- Lucas, Kenneth: See—
- Annable, Weldon G., Haines, and Lucas. 2,755,226.
- Annable, Weldon G., Hutchings, and Lucas. 2,769,760.
- Annable, Weldon G., Hutchings, and Lucas. 2,769,761.
- Annable, Weldon G., Hutchings, and Lucas. 2,769,762.
- Annable, Weldon G., Lucas, and Haines. 2,770,579.
- Lucas, Kenneth, to The Petroleum Oil Co. Removing corrosive sulfur from naphtha with anhydrous copper sulfate. 2,755,227, 7-17-56, Cl. 196-30.
- Lucas, Michael. Protective device. 2,747,661, 5-29-56, Cl. 160-10.
- Lucas, Phillip, to Sterling Drug Inc. Alkyl 1-alkyl-4-cyclohexylpiperidine-4-carboxylates and their syntheses. 2,741,619, 4-10-56, Cl. 260-294.3.
- Lucas, Randolph A. Condiment shaker. 2,734,663, 2-14-56, Cl. 222-142.1.
- Luchetti, Anthony. Emergency railroad brake. 2,748,895, 6-5-56, Cl. 188-36.
- Luce, Edward W., and T. D. Reedy, to Wire Assemblies Corp. Electrical fuse holder assembly. 2,740,017, 3-27-56, Cl. 200-133.
- Luce, Roy L., to The Hydro-Blast Corp. Wall mounted blasting gun. 2,763,964, 9-25-56, Cl. 51-8.
- Lucek, Charles W.: See—
- Fritsch, Walter W., and Lucek. Re. 24,117.
- Luchs, Morton G., to J. W. Landenberger & Co. Cushioned foot protector. 2,771,691, 11-27-56, Cl. 36-10.
- Luchsinger, Ernst, to Fibra A. G. Needle bed for needles serving in the manufacture of knitted fabrics. 2,748,581, 6-5-56, Cl. 66-15.
- Lucht, Victor F., to the United States of America as represented by the Secretary of the Army. Pneumatic recuperator for a gun. 2,750,847, 6-19-56, Cl. 89-43.
- Lucia, Carroll J.: See—
- Heron, Winthrop S., and Lucia. 2,769,420.
- Lucia, Carroll J., and J. E. Witzky, said Lucia assor. to Studebaker-Packard Corp. Split path transmission and supercharger drive. 2,769,303, 11-6-56, Cl. 60-13.
- Lucia, Carroll J., and J. Z. De Lorean, to Studebaker-Packard Corp. Shift regulator valve. 2,769,350, 11-6-56, Cl. 74-472.
- Lucian, Arsene N.: See—
- Geisel, Paul E. 2,744,381.
- Lucien, René, to Societe d'Inventions Aeronautiques et Mecaniques S. I. A. M. Self-regulating feed-pump. 2,732,865, 1-31-56, Cl. 103-42.
- Lucien, René, to Societe d'Inventions Aeronautiques et Mecaniques S. I. A. M. Self-regulating brakes for aeroplane wheels and the like. 2,737,550, 3-8-56, Cl. 200-61.46.
- Lucien, René, to Societe d'Inventions Aeronautiques et Mecaniques S. I. A. M. Pressure regulator. 2,737,966, 3-13-56, Cl. 137-108.
- Lucien, René, to Societe d'Inventions Aeronautiques et Mecaniques S. I. A. M. Control system for aircraft wheel brakes and the like. 2,744,099, 3-8-56, Cl. 244-11.46.
- Lucien, René, to Societe d'Inventions Aeronautiques et Mecaniques S. I. A. M. Hydraulic brake wear take-up device. 2,746,254, 5-22-56, Cl. 60-54.6.
- Lucien, René, to Societe d'Inventions Aeronautiques et Mecaniques S. I. A. M. Automatic brake regulator for aircraft wheels and the like. 2,747,690, 5-29-56, Cl. 188-181.
- Lucien, René, to Societe d'Inventions Aeronautiques et Mecaniques S. I. A. M. Fluid spring gear. 2,756,046, 7-24-56, Cl. 267-15.
- Lucien, René, to Societe d'Inventions Aeronautiques et Mecaniques S. I. A. M. Electromagnetic device for distributing compressed fluids. 2,759,459, 8-21-56, Cl. 121-46.5.
- Lucien, Rene, to Societe d'Inventions Aeronautiques et Mecaniques S. I. A. M. Apparatus limiting acceleration forces in air. 2,767,942, 10-23-56, Cl. 244-83.
- Lucien, René, and E. Tetart, to Societe d'Inventions Aeronautiques et Mecaniques S. I. A. M. Improvements relating to the moulding of foundry casting, particularly for light alloys. 2,745,154, 5-15-56, Cl. 22-134.
- Lucidous Processes, Inc.: See—
- Fordyce, Rufus G. 2,755,970.
- Luck, James V. Bone fixation device for the hip. 2,761,444, 9-4-56, Cl. 128-92.
- Lucker, Millard B., to Auto Specialties Mfg. Co. Lifting jack. 2,731,232, 1-17-56, Cl. 254-1.
- Lucker, Millard B., to Lambert Brake Corp. Automatic adjuster for disc brakes and the like. 2,732,042, 1-24-56, Cl. 188-196.
- Lucker, Millard B., to Auto Specialties Mfg. Co. Automobile jack. 2,743,903, 5-1-56, Cl. 254-133.
- Lucker, Millard B., to Auto Specialties Mfg. Co. Lifting jack. 2,750,150, 6-12-56, Cl. 254-103.
- Lucker, Millard B., to Auto Specialties Mfg. Co. Lifting jack. 2,760,756, 8-28-56, Cl. 254-98.
- Lucker, Millard B., and C. R. Myers, to Lambert Brake Corp. Disc brake and thrust means for actuating. 2,730,203, 1-10-56, Cl. 188-152.
- Luckhardt, Johannes, to N. P. Martin, and O. L. Walter, as trustees of Gamma Trust. Article of repose for supporting the body of a person. 2,745,470, 5-15-56, Cl. 155-106.
- Luckhardt, Johannes, deceased, by W. Luckhardt, administrator, to N. P. Martin and O. L. Walter, as trustees. Article of repose for supporting the body of a person. 2,750,988, 6-19-56, Cl. 155-106.
- Luckhardt, Johannes, to N. P. Martin and O. L. Walter as trustees of Delta Trust. Reclining chair with extensible sectional leg rest. 2,744,412, 12-18-56, Cl. 155-110.
- Luckhardt, Wassill: See—
- Luckhardt, Johannes. 2,750,988.
- Lucks, Charles F., O. L. Linebrink, and W. C. Myers, Jr., to L. H. Marshall, d. b. a. L. H. Marshall Co. Reference current power supply for potentiometers. 2,762,963, 9-11-56, Cl. 321-18.
- Lucek, Walter: See—
- Cornock, Edward F., and Lucek. 2,760,414.
- Ludemann, Clifford G., to Texaco Development Corp. Detection and measurement of penetrative radiation. 2,745,967, 5-15-56, Cl. 250-71.
- Ludemann, Clifford G., to Texaco Development Corp. Detection and measurement of penetrative radiation. 2,745,968, 5-15-56, Cl. 250-71.
- Ludemann, Clifford G., to Texaco Development Corp. Method of radiological surveying. 2,775,710, 12-25-56, Cl. 250-71.
- Ludemann, Oscar H. Valves. 2,765,142, 10-2-56, Cl. 250-162.
- Ludgate, Herbert T. Device for jettisoning snagged fish-hooks. 2,775,057, 12-25-56, Cl. 43-43.12.
- Ludi & Cie, Metallwarenfabriken: See—
- Bruggmann, Albert. 2,741,765.
- Ludi, William C., and C. E. Looser, to Esso Research and Engineering Co. Skimming device. 2,772,783, 12-4-56, Cl. 210-60.
- Ludlow, Edmund: See—
- Moore, Ezra L., and Ludlow. 2,737,716.
- Ludlow, John L., to E. I. du Pont de Nemours and Co. Compositions comprising polyester plasticizers. 2,749,329, 6-5-56, Cl. 260-75.
- Ludlow, Margery N. Auxiliary sun visor. 2,755,126, 7-17-56, Cl. 296-97.
- Ludowici, Johann W. Apparatus for hoisting heavy slabs. 2,732,177, 1-24-56, Cl. 254-89.
- Ludowici, Johann W. Steerable wheels in which the axle axes intersect at a common point in all steered positions of the wheels. 2,756,066, 7-24-56, Cl. 280-91.
- Ludowici, Johann W. Worm presses. 2,763,046, 9-18-56, Cl. 25-14.
- Ludowici, Wilhelm. Foldable building structure. 2,765,497, 10-9-56, Cl. 43-20-2.
- Ludowici, Wilhelm. Gutter pantiles. 2,766,706, 10-16-56, Cl. 103-10.

- Ludwig, Adolf: *See*—  
Binder, Richard and Ludwig. 2,748,913.  
Binder, Richard L. and Ludwig. 2,773,575.
- Ludwig, Anthony. Negative holder and carrier. 2,741,154, 4-10-56, Cl. 88-24.
- Ludwig, Arthur W. Insulated fence post. 2,744,154, 5-1-56, Cl. 174-158.
- Ludwig, Bernard J.: *See*—  
Berger, Frank M., Hubbard, and Ludwig. 2,734,087.
- Ludwig, Boyd E.: *See*—  
Bonell, William H., and Ludwig. 2,775,116.
- Ludwig, Donald C. to Houdaille-Hershey Corp. Automobile fender with wheel self ventilating means. 2,729,463, 1-3-56, Cl. 280-152.
- Ludwig, Frederic G. Apparatus for applying hair-conditioning fluids. 2,752,923, 7-3-56, Cl. 132-41.
- Ludwig, Herbert F. to Concrete Conduit Co. Method of manufacturing a concrete pipe joint. 2,729,873, 1-10-56, Cl. 25-154.
- Ludwig, Howard C.: *See*—  
Gamborg, Edward R., and Ludwig. 2,772,989.
- Ludwig, Howard C. to Westinghouse Electric Corp. Deep penetration gas shielded arc welding process. 2,758,186, 8-7-56, Cl. 219-10.
- Ludwig, Louis. Silent switch structure. 2,743,330, 4-24-56, Cl. 200-67.
- Ludwig, Louis. Lamp with tiltable light switch. 2,758,195, 8-7-56, Cl. 240-2.
- Ludwig Mfg. Co.: *See*—  
Moeller, Axel. 2,740,652.  
Moeller, Axel. 2,740,653.
- Ludwig, Milton, to California Research Corp. Conveyor head shaft. 2,751,210, 6-19-56, Cl. 263-8.
- Ludwig, Sidney, and R. R. Cull. End structure for electrical conduit. 2,755,330, 7-17-56, Cl. 174-74.
- Ludwig, Walter D. Solenoid stop bracket. 2,739,274, 3-20-56, Cl. 317-191.
- Ludwig, William F. Drum tuning mechanism. 2,729,133, 1-3-56, Cl. 84-419.
- Ludwin Corp.: *See*—  
Winkler, Charles. 2,732,845.
- Ludwinski, Mitchell. Automatic hose clamp lock. 2,730,782, 1-17-56, Cl. 24-274.
- Luebbers, Dewey D. J. R. Tripod camera mount. 2,767,989, 2-23-56, Cl. 278-48.
- Luebbing, Walter C. to Collins Radio Co. Planetary shaft positioning system. 2,754,697, 7-17-56, Cl. 74-781.
- Luebbing, Walter C. to Radio Corp. of America. Shaft positioning apparatus. 2,760,139, 8-21-56, Cl. 318-467.
- Luecking, Walter C. to Collins Radio Co. Terminal stand-off device. 2,766,436, 10-9-56, Cl. 339-198.
- Luechauer, Holle C. to General Motors Corp. Exciter stand for spectrograph. 2,731,876, 1-24-56, Cl. 88-14.
- Luechauer, Holle C. to General Motors Corp. Method of operating lamp and apparatus therefor. 2,758,962, 8-14-56, Cl. 204-15.
- Luechauer, Holle C. to General Motors Corp. Electrolighting fixture. 2,761,831, 9-4-56, Cl. 204-297.
- Luechauer, Holle C. and A. F. Erickson, to General Motors Corp. Electrolighting fixture. 2,739,117, 3-20-56, Cl. 204-297.
- Luck, Irving B., and G. L. Taylor, to Bausch & Lomb Optical Co. Trifocal ophthalmic lens blank series. 2,762,260, 9-11-56, Cl. 88-54.
- Luehm, Francis H., and E. B. Smith, to Calresin Corp. Water cooled vacuum and pressure mold. 2,735,138, 2-21-56, Cl. 18-26.
- Luehrs, Hans J., to The Cottrell Co. Signature deliveries for former folders. 2,756,996, 7-31-56, Cl. 271-87.
- Luenberger, Frederick O. to U. S. Electrical Motors, Inc. Mounting for transmission and drive. 2,734,393, 2-14-56, Cl. 74-425.
- Luenberger, Frederick O. to U. S. Electrical Motors, Inc. Waterproof motor construction for submersible dynamo-electric machine. 2,749,456, 6-5-56, Cl. 310-43.
- Luers, John M. Grinding machines. 2,735,235, 2-21-56, Cl. 61-100.
- Lufcy, Carroll W., to the United States of America as represented by the Secretary of the Navy. Vacuum tube controlled magnetic amplifier. 2,770,770, 11-13-56, Cl. 323-89.
- Lufcy, Carroll W., and A. E. Schmid, Jr., to the United States of America as represented by the Secretary of the Navy. Magnetic amplifier with half-wave phase reversal type output. 2,734,165, 2-7-56, Cl. 323-89.
- Luffman, Lionel E., and R. W. Benson, to The Haloid Co. File-holding device for camera copy support. 2,738,705, 9-20-56, Cl. 88-24.
- Luffman, Lionel E., and R. W. Benson, to The Haloid Co. Copy-holding apparatus. 2,758,503, 8-14-56, Cl. 88-24.
- Lufkin, Paul M., to Radio Corp. of America. Deflection circuits. 2,743,382, 4-24-56, Cl. 315-27.
- Lufkin Rule Co. The: *See*—  
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- Luft, Alexander v. d.: *See*—  
Brook, Peter R., Luft, and Schmauss. 2,772,688.
- Luft, Karl, to Office National d'Etudes et de Recherches Aeronautiques (O. N. E. R. A.). Apparatus for performing quantitative analysis of gaseous mixtures. 2,758,216, 8-7-56, Cl. 250-43.5.
- Luger, Kenneth E. Folding portable bed guard. 2,763,014, 9-18-56, Cl. 5-381.
- Lugert, John J.: *See*—  
Carnall, Edward, Jr., and Lugert. 2,768,108.
- Lugg, Lewis J.: *See*—  
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Schmidt-Nickels, Wilhelm, and Lugg. 2,772,274.  
Schmidt-Nickels, Wilhelm, and Lugg. 2,772,275.
- Luhn, Hans P., to International Business Machines Corp. Self-checking number punch. 2,731,196, 1-17-56, Cl. 235-58.
- Luhn, Hans P., to International Business Machines Corp. Binary decade counter. 2,733,862, 2-7-56, Cl. 235-61.6.
- Luhn, Hans P., to International Business Machines Corp. Table lookup mechanisms. 2,741,429, 4-10-56, Cl. 305-11.6.
- Luhn, Hans P., to International Business Machines Corp. Differential control mechanisms. 2,741,430, 4-10-56, Cl. 235-61.6.
- Luhrs, Charles H., to General Precision Laboratory Inc. Transforming micro wave energy from rectangular air filled wave guide. 2,738,282, 8-7-56, Cl. 333-21.
- Lukács, József: *See*—  
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- Lukala, Eino J. Constructions for demountable cribs. 2,774,010, 12-18-56, Cl. 5-99.
- Luke, Albert R. J., to Massey-Harris-Ferguson Inc. Method for tying wire knots. 2,738,811, 3-20-56, Cl. 140-115.
- Luke, Marvin B., to The B. F. Goodrich Co. Electrically heated protective covering for an aircraft and method of making the covering. 2,741,692, 4-10-56, Cl. 219-46.
- Luke, Oren V.: *See*—  
Horlenko, Theodore, Marcotte, and Luke. 2,770,661.
- Mitchell, Robert L., and Luke. 2,770,637.
- Luke, Wade D. Removable window sash. 2,772,451, 12-4-56, Cl. 2-44.
- Lukemire, Edward L., to The Ohio Boxboard Co. Papermaking with closed water system. 2,771,823, 11-27-56, Cl. 92-38.
- Lukens Steel Co.: *See*—  
Antrim, Malcolm B. 2,752,803.
- Edwards, Lewis W. 2,748,594.
- Edwards, Lewis W., and West. 2,773,614.
- Grant, Nicholas J. 2,763,043.
- McGibbon, Archie S. 2,752,734.
- Stauffer, Alfred. 2,751,830.
- Watson, Thomas T. 2,773,302.
- Wert, Russell A. 2,748,828.
- West, Russell A., and Edwards. 2,773,612.
- Luker, Jackson M.: *See*—  
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- Lukes, Robert M.: *See*—  
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- Lukman, John C., and O. L. Wheeler, to Shawinigan Resins Inc. Cured polyvinyl acetate resins. 2,741,650, 4-10-56, Cl. 260-29.6.
- Lukocovich, Josef S. Load signal for vehicles. 2,769,967, 11-6-56, Cl. 340-52.
- Lulay, Arthur, to E. I. du Pont de Nemours and Co. Process for producing continuous filament nub yarn. 2,729,539, 1-3-56, Cl. 18-54.
- Lull, Le Grand H., to The Baker-Haulaug Co. Load handling, transporting and positioning vehicular machine. 2,752,056, 6-28-56, Cl. 214-660.
- Lull, Le Grand H., to The Baker-Haulaug Co. Vehicle mounted loader. 2,755,060, 7-3-56, Cl. 214-140.
- Lull, Stanley E.: *See*—  
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- Lum, Funston G.: *See*—  
Carlston, Earl F., and Lum. 2,732,399.
- Carlston, Earl F., and Lum. 2,745,872.
- Lum, Funston G., to California Research Corp. Lead drier concentrate. 2,734,829, 2-14-56, Cl. 106-310.
- Lum, Funston G., to California Research Corp. Styrene modified alkyl resins from tertiary butyl isophthalic acid. 2,742,445, 4-17-56, Cl. 260-45.4.
- Lum, Funston G., and E. F. Carlston, to California Research Corp. Process for separating hexamethylene diamine salts of isophthalic and terephthalic acids. 2,742,496, 4-17-56, Cl. 260-501.
- Lum, Funston G., E. F. Carlston, and J. C. Butler, to California Research Corp. Synthetic fiber-forming polymers from metaxylylene diamine and adipic acid. 2,766,221, 10-9-56, Cl. 260-78.
- Lum, Funston G., E. F. Carlston, and J. C. Butler, to California Research Corp. Synthetic plastics from metaxylylene diamine and isophthalic acid. 2,766,222, 10-9-56, Cl. 260-78.
- Lum, George F. Fire nozzle. 2,755,136, 7-17-56, Cl. 299-151.
- Lum, George F. Melon ball cutting machine. 2,742,069, 4-17-56, Cl. 146-106.
- Lumalampan Artiebolaig: *See*—  
Björkman, Karl G. 2,748,306.
- Luminous Ceilings, Inc.: *See*—  
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- Segli, Leon J. 2,752,017.
- Luminous Processes, Inc.: *See*—  
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- Lumley, Thomas H., to Olin Mathieson Chemical Corp. Impact extrusion with tube straightening provision. 2,768,742, 10-30-56, Cl. 207-6.
- Lummlis, Wilburn R. Retracting reel. 2,732,148, 1-24-56, Cl. 242-107.



- Lumms Co., The: *See*—  
 Davis, Hyman R., 2,751,336.  
 Kraft, Wheaton W., 2,736,688.  
 Lambert, Pierre, Wilcoxon, and Kraft, 2,760,850.  
 Schauble, Otto C., and Palchik, 2,733,287.  
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 Van Doorn, Donald W., and Pease, 2,761,178.  
 Lumpkin, James L., Water spray for washing concrete pavement, 2,746,072, 5-22-56, Cl. 15-127.  
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 Lunceford, Raymond M., Radiator testing device, 2,750,793, 6-19-56, Cl. 73-45.8.  
 Lund, Christian O., to Radio Corp. of America, High frequency apparatus, 2,762,950, 9-11-56, Cl. 315-39.  
 Lund, Clinton O., Process of making frozen confections, 2,747,525, 5-29-56, Cl. 107-54.  
 Lund, Donald J., Finger ring assembling and retaining means, 2,761,294, 9-4-56, Cl. 63-15.2.  
 Lund, George E., to Burroughs Corp., Two element per bit shift register requiring a single advance pulse, 2,753,545, 7-3-56, Cl. 340-74.  
 Lund, James K., to The Dole Valve Co., Fluid mixing valve, Re. 24,255, 12-11-56, Cl. 137-606.  
 Lundahl, Lennart V. S., Clamping device for closing a fluid or paste container, 2,773,627, 12-11-56, Cl. 222-107.  
 Lundahl, Ossian A.: *See*—  
 Ensign, George G., Soper, and Lundahl, 2,757,545.  
 Ensign, George G., Soper, and Lundahl, 2,757,555.  
 Lundahl, Walter N., to Westinghouse Electric Corp., Classification system for sheet sorting, 2,732,896, 1-31-56, Cl. 64-58.  
 Lundberg, Frank J., to International Standard Electric Corp., Balanced doublet antenna of small dimension, 2,774,967, 12-18-56, Cl. 343-818.  
 Lundberg, Lennart A.: *See*—  
 Reynolds, Walter P., Jr., and Lundberg, 2,772,969.  
 Wending, William M., Lundberg, and Reynolds, 2,763,371.  
 Lundberg, Lennart A., to American Cyanamid Co., Water-dispersible aliphatic amine-epichlorohydrin reaction products, 2,753,372, 7-3-56, Cl. 260-501.  
 Lundberg, Frank J., to International Telephone and Telegraph Corp., Antennas, 2,770,801, 11-13-56, Cl. 343-757.  
 Lundbye, Axel, Plastic articles and method of making same, 2,768,133, 10-23-56, Cl. 204-20.  
 Lunde, Einar O., to Magor Car Corp., Dump car door control means, 2,745,359, 5-15-56, Cl. 105-272.  
 Lunde, Einar O., to Magor Car Corp., Hopper outlet valve structure, 2,745,360, 5-15-56, Cl. 105-307.  
 Lunde, Einar O., to Magor Car Corp., Valve control means in railway car dumping systems, 2,745,361, 5-15-56, Cl. 105-311.  
 Lunde, Einar O., to Magor Car Corp., Car roof hatch, 2,745,362, 5-15-56, Cl. 105-377.  
 Lundegren, Alma J., Mobile sprinkler, 2,744,785, 5-8-56, Cl. 239-52.  
 Lundell, Arnold W., to Globe Slicing Machine Co., Inc., Driving attachment for slicing machines, 2,740,442, 4-3-56, Cl. 146-102.  
 Lundell, Kenneth A., to Weber Knapp Co., Latch structure, 2,732,234, 1-24-56, Cl. 292-1.  
 Lundell, Vernon J., Crop gathering and chopping device, 2,758,435, 8-14-56, Cl. 55-118.  
 Lundén, Bror E., H. Conradt, N. E. B. Larsson, and T. Airas, 2,761,655, 9-4-56, Cl. 257-8.  
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 Hayward, Roger, 2,752,614.  
 Lundgard, Folke G.: *See*—  
 Cardillo, Joseph S., Hann, Sadler, and Lundgard, 2,731,569.  
 Lundgren, Don L., to Radio Corp. of America, Frequency marker system, 2,763,835, 9-18-56, Cl. 324-57.  
 Lundgren, Harold P.: *See*—  
 Fong, Willie, and Lundgren, 2,755,252.  
 Lundgren, John L., to Geo. D. Roper Corp., Gas burner ignition apparatus and valve therefor, 2,733,758, 2-7-56, Cl. 158-115.  
 Lundgren, John L., to Geo. D. Roper Corp., Top burner ignition system, 2,733,761, 2-7-56, Cl. 158-126.  
 Lundgren, John L., and L. H. McCamant, to Geo. D. Roper Corp., Gas burner ignition system, 2,733,760, 2-7-56, Cl. 158-126.  
 Lundgren, Sven A., to American Heat Reclaiming Corp., Reinforcement structure for disks, 2,730,265, 1-10-56, Cl. 220-71.  
 Lundgren, William E., 25% to N. I. Turner, Loom picker, 2,744,851, 7-17-56, Cl. 139-159.  
 Lundkvist, Karl A., to Telefonaktiebolaget L. M. Ericsson, Device for setting of selectors by means of audio-frequencies, 2,761,901, 9-4-56, Cl. 179-18.  
 Lundquist, Adolph Q., to Union Carbide and Carbon Corp., Precipitation of sodium hexavanadate, 2,733,980, 2-7-56, Cl. 23-19.  
 Lundquist, Adolph Q., to Union Carbide and Carbon Corp., Recovery of uranium and vanadium compounds from acid solution, 2,749,211, 6-5-56, Cl. 23-14.5.  
 Lundquist, Ingemar, to Monroe Calculating Machine Co., Carriage cushioning means for calculating machines, 2,733,926, 3-20-56, Cl. 235-63.  
 Lundquist, Lester E., Jr., to the United States of America as represented by the Secretary of the Air Force, Servo system adapted for weak signal recording, 2,751,536, 6-19-56, Cl. 318-29.  
 Lundquist, Lester E., Jr., to the United States of America as represented by the Secretary of the United States Air Force, Device for measuring air turbulence, 2,762,221, 9-11-56, Cl. 73-178.  
 Lundquist, Richard C.: *See*—  
 Kraft, Robert H., and Lundquist, 2,754,102.  
 Lundquist, William E.: *See*—  
 Hendricks, James O., Lundquist, and Schmelzle, 2,750,304.  
 Holmen, Reynold E., and Lundquist, 2,730,459.  
 Holmen, Reynold E., and Lundquist, 2,733,169.  
 Lundstrom, Maurice: *See*—  
 Nelson, Richard T., 2,766,957.  
 Lundstrom, Oscar C., to Sperry Rand Corp., Ultrahigh frequency energy switch, 2,757,341, 7-31-56, Cl. 333-7.  
 Lundstrum, Allan W., Air-conditioning device for an attic, 2,770,955, 11-20-56, Cl. 62-129.  
 Lundy, Alvin S.: *See*—  
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 Wolcott, Harold D., 2,756,729.  
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 Lung, Kenneth R., to The Tait Mfg. Co., Sealed float switch, 2,748,220, 5-29-56, Cl. 200-84.  
 Lung, Kenneth R., to The Tait Co., Gasoline hose and nozzle for dispensing gasoline, 2,752,077, 6-26-56, Cl. 222-527.  
 Lung, Kenneth R., to The Tait Mfg. Co., Centrifugal pump and method of manufacture therefor, 2,753,807, 7-10-56, Cl. 103-108.  
 Lung, Kenneth R., to The Tait Mfg. Co., Sump pump, 2,766,696, 10-16-56, Cl. 103-87.  
 Lung, Kenneth R., to The Tait Mfg. Co., Package pump unit, 2,774,449, 12-1-56, Cl. 22-58.  
 Lungerhausen, John C., to Gardner-Denver Co., Control for pneumatic hoist, 2,743,708, 5-1-56, Cl. 121-46.5.  
 Luning, George A.: *See*—  
 Wilson, Lawrence A., Kamo, and Luning, 2,770,459.  
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 Lunn, Clarence R., to General Motors Corp., Carburetor venting device, 2,731,251, 1-17-56, Cl. 261-64.  
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 Lunstroff, Klaus, to National Lead Co., Production of well drilling starches, 2,773,783, 12-11-56, Cl. 127-32.  
 Lunt, John C., to Monsanto Chemicals Ltd., Production of thermionic accelerators, 2,762,514, 9-11-56, Cl. 260-306.6.  
 Luntz, David M., to Houdry Process Corp., Apparatus for the conversion of liquid hydrocarbons, 2,745,723, 5-15-56, Cl. 23-288.  
 Luntz, Horace E., and D. O. Popovae, Method of sulfonation of aromatic hydrocarbons, 2,768,199, 10-23-56, Cl. 260-505.  
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 Lupfer, Dale E., and A. B. Broerman, to Phillips Petroleum Co., Shut-off valve, 2,769,912, 11-6-56, Cl. 250-41.9.  
 Lupfer, Robert N., and W. R. Whitmer, to The Springfield Leather Products Co., Billfold, 2,765,015, 10-2-56, Cl. 150-38.  
 Lura, Mario: *See*—  
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 Lurcott, Winfred N., and N. O. Morton, Adjustable price indicators, 2,757,466, 8-5-56, Cl. 40-86.  
 Lurgi Gesellschaft für Wärmetechnik: *See*—  
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 Dorschner, Oskar, 2,740,803.  
 Paul, Herbert, 2,744,813.  
 Rottig, Walter, 2,738,360.  
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 Rottig, Walter, 2,773,085.  
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 Lurie, Benjamin L., Pivoted-jaw pipe wrench having a jaw-actuating spring, 2,734,414, 2-14-56, Cl. 81-91.  
 Lurie, Daniel, to Joe Lowe Corp., Filling nozzle attachment, 2,750,077, 6-12-56, Cl. 222-135.  
 Lurie, Daniel, to Joe Lowe Corp., Filling nozzle having removable divider, 2,750,078, 6-12-56, Cl. 222-135.

- Lurton, Howard M.: *See*—  
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- Lurton, Howard M., and L. C. Westcott, to Shell Development Co. Corrosion-inhibiting lubricating compositions. 2,775,560, 12-25-56, Cl. 252-48.6.
- Lusby, William E., Jr., to E. I. du Pont de Nemours and Co. Process for enameling metals. 2,768,907, 10-30-56, Cl. 112-70.
- Luscalzo, Benjamin: *See*—  
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- Lusebrink, Theodore R., and W. M. Sawyer, Jr., to Shell Development Co. Hydrocarbon oil compositions. 2,765,221, 1-2-56, Cl. 4-76.
- Lushas, Franz R.: *See*—  
 Petersilie, Hans H., and Zimmermann. 2,770,026.
- Lusk, Archibald: *See*—  
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- Lusk, Elmer C.: *See*—  
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- Lusk, Elmer C., and J. E. Brennan, and F. C. Todd, to the United States of America as represented by the Secretary of the Army. Glow discharge tube and circuit therefor. 2,758,253, 8-7-56, Cl. 315-359.
- Lustin, Leo S., and P. L. de Benneville, to Rohm & Haas Co. Methacrylamidocyanoguanamines. 2,744,943, 5-8-56, Cl. 260-80.5.
- Luskin, Michael M.: *See*—  
 Kasehagen, Leo, and Luskin. 2,759,024.
- Luss, Gerald, to Designs for Business, Inc. Suspended file for L-shaped desks. 2,755,155, 7-17-56, Cl. 312-301.
- Lust, William. Sharpening apparatus for eccentric involute slicing blades. 2,738,628, 3-20-56, Cl. 51-247.
- Lustgarten, William M. Means for attaching umbrella covers to frames. 2,750,996, 6-19-56, Cl. 112-2.
- Lustig, Hans G., to M. Amster. Carpet forming device. 2,753,820, 7-10-56, Cl. 112-80.
- Lustig, Otto. Process for the preparation of nicotinamide. 2,752,355, 6-26-56, Cl. 260-295.5.
- Lustig, Samuel: *See*—  
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- Lustrafl Ltd.: *See*—  
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- Luteran, Frank O.: *See*—  
 Candy making machine. 2,741,999, 4-17-56, Cl. 107-1.
- Lutes, Donald. Coin control mechanism. 2,755,928, 7-24-56, Cl. 209-99.
- Lutes, Donald. Electrical indicating mechanism. 2,773,579, 1-11-56, Cl. 194-8.
- Lutge, William F. Animal instrument. 2,764,982, 10-2-56, Cl. 128-223.
- Lutgerhorst, Albertus G., to American Enka Corp. Spundry rayon. 2,738,252, 3-13-56, Cl. 18-54.
- Luther, Arch C., Jr., to Radio Corp. of America. Frequency synchronizing system. 2,764,686, 9-25-56, Cl. 256-36.
- Luther, Edgar W., to Underwood Corp. Apparatus for barrel-plating small articles. 2,766,201, 10-9-56, Cl. 204-213.
- Luther, Glenn C., to The Olm Co. Cutting machine having rotatable complementary cutters adjustably mounted in bearing elements. 2,732,014, 1-24-56, Cl. 164-61.
- Luther, Herbert G.: *See*—  
 Peterson, Elwin H., and Luther. 2,757,122.
- Luther, Herbert L., to North American Rayon Corp. Valve control. 2,741,251, 4-10-56, Cl. 134-49.
- Luther, William P., to John Oster Mfg. Co. Closure for mixing vessel. 2,733,052, 1-31-56, Cl. 259-122.
- Luther, William P., to John Oster Mfg. Co. Speed control of series motor for comminuting machine. 2,733,396, 1-31-56, Cl. 18-251.
- Luthi, Alfred F., and A. G. Luthi. Apparatus for filling receptacles. 2,757,845, 8-7-56, Cl. 226-97.
- Luthi, Alois G.: *See*—  
 Luthi, Alfred F., and A. G. 2,757,845.
- Luthi, Fritz: *See*—  
 Steiger, Robert, and Luthi. 2,745,490.
- Lutomirski, Karel, to Bell Telephone Laboratories, Inc. Electronic tube alarm circuit. 2,768,291, 10-23-56, Cl. 249-27.
- Lutratro, Raymond G., to Uncas Mfg. Co. Finger ring with setting mounted on slots in ring shank. 2,763,140, 9-18-56, Cl. 63-15.7.
- Lutratro, Raymond G., to Uncas Mfg. Co. Finger ring with a shank having set attaching, gem supporting prongs. 2,764,001, 9-25-56, Cl. 63-15.7.
- Lutsky, Sidney. Traps. 2,752,723, 7-3-56 Cl. 43-85.
- Luttkie, Dorothy C. Bomb shelter. 2,729,966, 1-10-56, Cl. 1-1.
- Lutter, Miles R., to Richards-Wilcox Mfg. Co. Wardrobe. 2,768,409, 10-30-56, Cl. 20-16.
- Luttge, William G., to The Chemstrand Corp. Composite textile yarn. 2,769,300, 11-6-56, Cl. 57-140.
- Luttrell, John L.: *See*—  
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- Lutz, August H., to Hoffmann-La Roche Inc. 2-thio-3,3-di-hydrocarbon 4-oxo-tetrahydropyridines and preparation thereof. 2,740,790, 4-3-56, Cl. 260-294.8.
- Lutz, Garson A., to the United States of America as represented by the United States Atomic Energy Commission. Recovery of uranium from aqueous solutions. 2,743,159, 4-24-56, Cl. 23-14.5.
- Lutz, Gregory C. Liquid dispenser. 2,738,166, 3-13-56, Cl. 222-207.
- Lutz, Harry H.: *See*—  
 Hopp, Philip, and Lutz. 2,763,947.
- Lutz, Harry H., and W. Greenberg, to The Hopp Press Inc. Card holder. 2,770,898, 11-20-56, Cl. 40-10.
- Lutz, Max. Attachment for telephone mouthpiece. 2,741,666, 4-10-56, Cl. 179-185.
- Lutz, Nola. Hair curling. 2,750,948, 6-19-56, Cl. 132-33.
- Lutz, Walter: *See*—  
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- Luwa S. A.: *See*—  
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- Lux, Hans G. Grinding apparatus. 2,755,601, 7-24-56, Cl. 24-56.
- Lux, Oscar. Bicycle shift unit. 2,739,492, 3-27-56, Cl. 74-475.
- Luxor Plastics N. V.: *See*—  
 Van Litsburg, Joseph T. W. 2,767,864.
- Luze, Carl. Gang slide angle control device. 2,751,738, 6-26-56, Cl. 55-81.
- Luzynski, Anthony J. Antiknock fitting. 2,742,928, 4-24-56, Cl. 137-533.21.
- Luzstatt, Ettore, to Perfogit Società per Azioni. Apparatus for the melt-spinning of synthetic linear polymers. 2,771,634, 11-27-56, Cl. 18-8.
- Luzzi, Fernando A.: *See*—  
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- Lybrook, Malcolm T., to Essex Wire Corp. Automotive seat adjusting switch. 2,756,290, 7-24-56, Cl. 200-6.
- Lyden, Arthur R., to Heyden Chemical Corp. Process for purifying *p*-aminobenzoic acid. 2,735,865, 2-21-56, Cl. 280-518.
- Lyden, John E., to The Ken-Tool Mfg. Co. Apparatus for seating the beads of tubless tires by peripheral pressure. 2,765,841, 10-9-56, Cl. 157-1.1.
- Lylljen, Fred, and S. I. Bey, to Chrysler Corp. Apparatus and method for making dies. 2,751,626, 6-26-56, Cl. 243-1.
- Lykken, Henry G., to The Microcyclomat Co. Centripetal classifier. 2,741,366, 4-10-56, Cl. 209-139.
- Lykken, Henry G., to The Microcyclomat Co. Centripetal classifier. 2,759,967, 7-17-56, Cl. 209-144.
- Lykken, Henry G., and T. A. Rozsa, to The Microcyclomat Co. Apparatus for disintegrating and classifying dry materials. 2,762,572, 9-11-56, Cl. 241-49.
- Lyle, Bernard S.: *See*—  
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- Lyman, Homer F. Dishwashing machine rack conveying apparatus. 2,733,805, 7-2-56, Cl. 198-19.
- Lyman, Homer F. Timing control for dishwashing machines. 2,739,781, 3-27-56, Cl. 251-54.
- Lyman, Homer F. Drinking utensil cleaning apparatus. 2,748,409, 6-5-56, Cl. 15-73.
- Lyman, Homer F. Drinking glass, tumbler or the like washing machine. 2,772,429, 12-4-56, Cl. 15-76.
- Lyman, John E., to William Cotton Ltd. Knitting machine. 2,733,363, 1-23-56, Cl. 66-157.
- Lyman, Joseph J., J. Caldwell, Jr., A. S. Maeder, R. O. Haxby, and G. L. Tawney, to Sperry Rand Corp. Radio apparatus for detecting and locating objects. 2,733,437, 1-31-56, Cl. 343-1.
- Lyman, Kenneth E. Differential gear set. 2,750,813, 6-19-56, Cl. 74-711.
- Lynam, John E., and B. P. Cooper, to William Cotton Ltd. Cam mechanism of knitting machines. 2,731,818, 1-24-56, Cl. 82.
- Lynard of California, Inc.: *See*—  
 Rosenthal, William. 2,744,192.
- Lynch, Charles S., to Phillips Petroleum Co. Pebble heater apparatus. 2,740,619, 4-3-56, Cl. 263-19.
- Lynch, Charles S., to Phillips Petroleum Co. Production of synthetic resins by reaction of diolefin polymers with  $SO_2$ . 2,770,603, 11-13-56, Cl. 260-29.7.
- Lynch, Charles S., and E. B. Cyphers, to Esso Research and Engineering Co. Method for determining the deposit-forming tendencies of oils. 2,732,285, 1-24-56, Cl. 23-230.
- Lynch, Donald W. Discriminating detector. 2,771,552, 11-20-56, Cl. 250-27.
- Lynch, Edward E., and B. D. Leete, to General Electric Co. Damping circuit for direct current measuring instruments. 2,737,627, 3-6-56, Cl. 324-125.
- Lynch, Edward H.: *See*—  
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- Lynch, Gordon R.: *See*—  
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- Lynch, Harold D. Dog door. 2,748,854, 6-5-56, Cl. 160-179.
- Lynch, Harold E.: *See*—  
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- Lynch, James F.: *See*—  
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- Lynch, Jarmon A. Egg count indicating means. 2,741,211, 4-10-56, Cl. 116-114.
- Lynch, Joseph F., Jr. to New England Trailer and Body Mfg. Co. Means for refrigerating and heating systems. 2,750,704, 6-19-56, Cl. 62-129.
- Lynch, Maurice J., to Farrel-Birmingham Co., Inc. Stud setter. 2,743,639, 5-1-56, Cl. 81-63.
- Lynch, Melvin G. Fruit picking device. 2,736,158, 2-28-56, Cl. 56-333.
- Lynch, Patrick H., Jr. Tandem disc harrow arrangements. 2,774,206, 12-18-56, Cl. 55-30.
- Lynch, Ridgeway T., to American Enka Corp. Polymerization of monomeric lactams. 2,735,840, 2-21-56, Cl. 260-78.



- Lynch, William B.: *See*—  
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- Lynch, William D.: *See*—  
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- Lynch, William M., and V. E. Evans, Jr., to Technicolor Motion Picture Corp. Cathode ray tube scanning circuit. 2,745,005, 5-8-56, Cl. 250-27.
- Lynd, Langtry E., and L. Merker, to National Lead Co. Method for preparation of highly refractive material. 2,736,659, 2-23-56, Cl. 106-28.
- Lynd, Langtry E., and L. Merker, to National Lead Co. Preparation of alkaline earth metal titanates. 2,758,911, 8-14-56, Cl. 23-51.
- Lyndall, Agnes M.: *See*—  
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- Lyndall, John N. and A. M. Magnifying glass arrangement. 2,771,003, 11-20-56, Cl. 88-39.
- Lyndhurst Chemical Corp.: *See*—  
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- Lynes, John, to Oil Recovery Corp. Oil well tool. 2,738,013, 3-13-56, Cl. 166-147.
- Lynes, John, to Oil Recovery Corp. Oil well packer construction. 2,738,014, 3-13-56, Cl. 166-185.
- Lynes, John, to Oil Recovery Corp. Oil well packer construction. 2,738,015, 3-13-56, Cl. 166-185.
- Lynes, John, to Oil Recovery Corp. Control means for oil well tools. 2,738,016, 3-13-56, Cl. 166-187.
- Lynes, John, to Oil Recovery Corp. Packer construction for oil well tools. 2,738,017, 3-13-56, Cl. 166-196.
- Lynes, John, to Oil Recovery Corp. Oil well treating and production tool. 2,738,018, 3-13-56, Cl. 166-204.
- Lynes, John, to Oil Recovery Corp. Oil well packer construction. 2,767,794, 10-28-56, Cl. 166-196.
- Lynes, John T.,  $\frac{1}{2}$  to I. B. Levenson. Container and dispenser. 2,730,290, 1-10-56, Cl. 229-17.
- Lynes, John T.,  $\frac{1}{2}$  to I. B. Levenson. Containers with dispensers. 2,742,220, 4-17-56, Cl. 229-17.
- Lyntker, Wilhelm: *See*—  
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- Lynn, Donald C., to Crown Cork & Seal Co., Inc. Plastic measuring device. 2,758,338, 8-14-56, Cl. 18-30.
- Lynn, John. Height adjustable stands. 2,739,349, 3-27-56, Cl. 304-29.
- Lynn, John V., to Union Carbide and Carbon Corp. Ester of N-bis(2-cyanoethyl)carboxamic acids. 2,750,401, 6-12-56, Cl. 260-464.
- Lynn, Joseph C., and J. A. Rau; said Rau assor. to Allison Steel Mfg. Co. Bridge gratings. 2,767,627, 10-23-56, Cl. 94-30.
- Lynn, Patrick A. Tractor drawn wheel implement for destroying wild growth. 2,754,736, 7-17-56, Cl. 32-8.
- Lynn, Samuel E. Tooth. 2,738,582, 3-20-56, Cl. 32-8.
- Lyons, Ashton M., and J. G. Shukys, to Air Reduction Co., Inc. Fluorinated ether and method of production. 2,749,369, 6-5-56, Cl. 260-614.
- Lyons, Charles G. Door sill insulator. 2,728,961, 1-3-56, Cl. 20-64.
- Lyons, Charles G. Shells for weatherstripping. 2,764,787, 10-2-56, Cl. 20-69.
- Lyons, Dean A., to the United States of America as represented by the Secretary of the Navy. Electrically conducting films and process for forming the same. 2,756,165, 7-24-56, Cl. 117-211.
- Lyons, Floyd A.: *See*—  
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- Halahan, John, Aronson, and Lyons. 2,770,458.
- Pollan, David, Halahan, Lyons, and Aronson. 2,748,653.
- Lyons, George A. Wheel cover. Re. 24,105, 1-3-56, Cl. 301-37.
- Lyons, George A. Brake drum air cooling device. Re. 24,205, 8-28-56, Cl. 188-264.
- Lyons, George A. Wheel cover. Re. 24,229, 10-23-56, Cl. 301-37.
- Lyons, George A. Wheel cover. 2,729,508, 1-3-56, Cl. 301-37.
- Lyons, George A. Wheel cover. 2,729,509, 1-3-56, Cl. 301-37.
- Lyons, George A. Wheel cover. 2,729,510, 1-3-56, Cl. 301-37.
- Lyons, George A. Wheel cover. 2,729,511, 1-3-56, Cl. 301-37.
- Lyons, George A. Wheel cover. 2,729,512, 1-3-56, Cl. 301-37.
- Lyons, George A. Wheel cover. 2,731,301, 1-17-56, Cl. 301-37.
- Lyons, George A. Wheel cover. 2,732,260, 1-24-56, Cl. 301-37.
- Lyons, George A. Wheel cover. 2,732,261, 1-24-56, Cl. 301-37.
- Lyons, George A. Wheel structure. 2,733,104, 1-31-56, Cl. 301-37.
- Lyons, George A. Wheel cover. 2,737,421, 3-6-56, Cl. 301-37.
- Lyons, George A. Wheel cover. 2,738,233, 3-13-56, Cl. 301-37.
- Lyons, George A. Surface-treating assembly and method of making same. 2,738,626, 3-20-56, Cl. 51-193.
- Lyons, George A. Apparatus for coining metal parts. 2,744,426, 5-8-56, Cl. 78-60.
- Lyons, George A. Brake drum air cooling device. 2,745,519, 5-13-56, Cl. 188-264.
- Lyons, George A. Pry-off tool. 2,748,457, 6-5-56, Cl. 29-245.
- Lyons, George A. Extended instep shoe. 2,750,684, 6-19-56, Cl. 36-25.
- Lyons, George A. Wheel structure. 2,754,940, 7-17-56, Cl. 188-264.
- Lyons, George A. Wheel cover with air circulating means. 2,754,941, 7-17-56, Cl. 188-264.
- Lyons, George A. Wheel structure. 2,754,942, 7-17-56, Cl. 188-264.
- Lyons, George A. Air circulating wheel structure. 2,754,943, 7-17-56, Cl. 188-264.
- Lyons, George A. Wheel cover. 2,755,133, 7-17-56, Cl. 301-37.
- Lyons, George A. Wheel cover. 2,755,140, 7-17-56, Cl. 301-37.
- Lyons, George A. Wheel cover. 2,755,141, 7-17-56, Cl. 301-37.
- Lyons, George A. Wheel cover. 2,756,110, 7-24-56, Cl. 301-37.
- Lyons, George A. Wheel cover. 2,757,972, 8-7-56, Cl. 301-37.
- Lyons, George A. Wheel cover. 2,757,973, 8-7-56, Cl. 301-37.
- Lyons, George A. Wheel cover. 2,757,974, 8-7-56, Cl. 301-37.
- Lyons, George A. Wheel cover. 2,757,975, 8-7-56, Cl. 301-37.
- Lyons, George A. Wheel cover. 2,757,976, 8-7-56, Cl. 301-37.
- Lyons, George A. Wheel cover. 2,757,977, 8-7-56, Cl. 301-37.
- Lyons, George A. Wheel cover. 2,757,978, 8-7-56, Cl. 301-37.
- Lyons, George A. Wheel cover. 2,757,979, 8-7-56, Cl. 301-37.
- Lyons, George A. Wheel structure. 2,757,980, 8-7-56, Cl. 301-37.
- Lyons, George A. Trim ring. 2,757,981, 8-7-56, Cl. 301-37.
- Lyons, George A. Wheel cover. 2,757,982, 8-7-56, Cl. 301-37.
- Lyons, George A. Wheel cover. 2,757,983, 8-7-56, Cl. 301-37.
- Lyons, George A. Wheel cover. 2,757,984, 8-7-56, Cl. 301-37.
- Lyons, George A. Wheel cover. 2,757,985, 8-7-56, Cl. 301-37.
- Lyons, George A. Wheel cover. 2,757,986, 8-7-56, Cl. 301-37.
- Lyons, George A. Brake drum cooling device. 2,759,572, 8-21-56, Cl. 188-264.
- Lyons, George A. Wheel structure. 2,760,605, 8-28-56, Cl. 188-264.
- Lyons, George A. Wheel structure. 2,760,606, 8-28-56, Cl. 188-264.
- Lyons, George A. Wheel cover. 2,760,828, 8-28-56, Cl. 301-37.
- Lyons, George A. Wheel cover. 2,760,829, 8-28-56, Cl. 301-37.
- Lyons, George A. Surface treating wheel. 2,761,258, 9-4-56, Cl. 51-195.
- Lyons, George A. Method of making spoked wheel cover. 2,761,259, 9-4-56, Cl. 113-118.
- Lyons, George A. Wheel cover. 2,761,739, 9-4-56, Cl. 301-37.
- Lyons, George A. Wheel cover. 2,762,469, 9-11-56, Cl. 188-264.
- Lyons, George A. Method of press-forming and cutting articles from strip. 2,765,760, 10-9-56, Cl. 112-51.
- Lyons, George A. Wheel cover. 2,767,023, 10-16-56, Cl. 301-37.
- Lyons, George A. Wheel cover. 2,767,029, 10-16-56, Cl. 301-37.
- Lyons, George A. Method of coining and cupping metal. 2,770,034, 11-13-56, Cl. 29-534.
- Lyons, George A. Metallic cartridge casings. 2,772,470, 12-4-56, Cl. 29-13.
- Lyons, George A. Wheel cover. 2,774,633, 12-18-56, Cl. 301-37.
- Lyons, George A. Wheel cover. 2,774,634, 12-18-56, Cl. 301-37.
- Lyons Inc.: *See*—  
Hahn, Edgar A. 2,762,728.
- Lyons, James. Beak trimmer and cauterizing device for fowl. 2,742,904, 4-25-56, Cl. 128-303.1.
- Lyons, James. Humidifier with rotating diffusion blade. 2,755,129, 7-17-56, Cl. 299-62.
- Lyons, James. Low voltage heating means. 2,763,766, 9-18-56, Cl. 219-44.
- Lyons Metal Products, Inc.: *See*—  
O'Connor, John B. 2,749,199.
- O'Connor, John B. 2,758,902.
- Lyons, Norman W., to Package Machinery Co. Detector mechanism for bottle filling machine. 2,760,703, 8-28-56, Cl. 226-36.
- Lyons, Priscilla: *See*—  
Wetzstein, Harland L., and Lyons. 2,754,232.
- Lyons, William H.: *See*—  
Thompson, Lincoln, Runge, and Lyons. 2,743,319.
- Thompson, Lincoln, Runge, and Lyons. 2,750,449.
- Lyons, William H., to The Soundscribe Corp. Automatic synchronization apparatus for long-time transverse magnetic sound recorder and reproducer. 2,772,323, 11-27-56, Cl. 179-100.2.
- Lyons, Alice R.: *See*—  
Lyons, Frank W. 2,747,914.
- Lyons, Cornelius J.: *See*—  
Smith, James A., and Lyons. 2,751,031.

- Lyons, Frank H., to E. L. Bruce Co. Wood finishing composition and method of making. 2,734,879, 2-14-56, Cl. 260-22.
- Lyons, Frank W., to himself, and A. R. Lyons, jointly. Bottle carrier. 2,747,914, 5-29-56, Cl. 294-87.
- Lyons, Herbert R., to The Diamond Match Co. Apparatus for feeding elongated cylindrical objects. 2,757,778, 8-2-56, Cl. 138-25.
- Lyons, Horace C. Gyroscopic altitude indicator for aircraft. 2,747,293, 5-29-56, Cl. 33-204.
- Lyons, J. & Co. Ltd.: See—  
Clayson, Donald H. F. 2,770,575.
- Hendrick, Walter T. S. 2,772,042.
- Lyons, Lambert E., to Bendix Aviation Corp. Tuning line. 2,768,357, 10-23-56, Cl. 333-82.
- Lyons, Leland R., to Titanium Metals Corp. of America. Production of titanium tetrachloride. 2,753,243, 7-3-56, Cl. 23-87.
- Lyons, Robert J. Door operator. 2,742,662, 4-24-56, Cl. 16-1.
- Lyons, Richard E., to C. L. Conroy, and W. Fritsch. Swivel coupling with removable wire locking means. 2,749,151, 6-5-56, Cl. 285-97.3.
- Lyons Salt Dispenser Inc.: See—  
Pietrok, Lawrence B., Phelps, and Pietrok. 2,743,662.
- Lyons, Sanford C., to Bird Machine Co. Centrifuge with inclined conveyor blades and vanes for rapid collection of fine particles from suspensions. 2,743,864, 5-1-56, Cl. 233-7.
- Lyons, William E. Disposable toothbrush containing a dentifrice. 2,763,885, 9-25-56, Cl. 15-244.
- Lyons, William E., and L. B. Pretzman, to The Firestone Tire & Rubber Co. Tire cord and method of making same. 2,755,214, 7-17-56, Cl. 154-52.
- Lysles, William, 20% to W. V. Banks. Extension oven. 2,752,910, 7-3-56, Cl. 126-3.
- Lysler, George, 50% to B. Chiuchiarelli. Locking cover for toilet flush tanks. 2,745,110, 5-15-56, Cl. 4-68.
- Lyszcsek, Stephen W. Glass rack. 2,739,747, 3-27-56, Cl. 224-42.11.
- Lytle, Elvin J., to The Garrett Corp. Polyphase motor protector. 2,758,255, 8-7-56, Cl. 317-13.
- Lytle, William O., to Pittsburgh Plate Glass Co. Transparent electro-conducting article. 2,730,598, 1-10-56, Cl. 201-73.
- Lytle, William O., and A. E. Junge, to Pittsburgh Plate Glass Co. Electroconductive article and production thereof. 2,740,731, 4-5-56, Cl. 117-211.
- Lytollis, John: See—  
Beck, Arnold H. W., Jackson, and Lytollis. 2,775,722.
- Lytollis, Douglas A., and R. H. Levin, to the Upjohn Co. 11a-dioxo-1,4-dihydro-4-pyrene-3,20-dione and process. 2,771,476, 11-20-56, Cl. 260-339.45.
- Lytton, Frank A., and J. A. Cashmore, to The Morgan Crucible Co. Ltd. Metal-ceramic body and process of producing the same. 2,733,161, 1-31-56, Cl. 117-22.
- M & A Mfg. Co.: See—  
Arneson, Howard M., and McDonald. 2,738,492.
- M & D Display Mfg. Corp.: See—  
Mapson, Donald L. 2,743,022.
- M-O Valve Co., Ltd.: See—  
Clarke, Graham M. 2,760,112.
- Wheldon, Robert J., Widdowson, and Wilkinson. 2,772,771.
- Willshaw, William E. 2,742,570.
- M and W Co., Inc.: See—  
Amo, Ivan J. 2,748,434.
- M-W Sales Co.: See—  
Mouw, Garrett H. 2,752,740.
- Ma, Tsu Sheng: See—  
Tien, Jack M., and Ma. 2,749,821.
- Maag Gear Wheel and Machine Co., Ltd.: See—  
Ernst, Daniel. 2,770,048.
- Maanum, Dedrick A. Apparatus for handling a cartridge belt. 2,746,341, 5-22-56, Cl. 86-47.
- Mans, Bartholomeus J. Bart, Abel J. C., and Maas. 2,768,140.
- Maas, Bernard N., to Garrett Corp. Pressure regulating mechanism. 2,767,637, 10-23-56, Cl. 98-1.5.
- Maas, Friedrich J., to Societe Financiere d'Expansion Commerciale et Industrielle S. A. "SFINDEX." Electrostatic gas precipitation. 2,741,331, 4-10-56, Cl. 183-114.
- Maas, Friedrich J., to Societe Financiere d'Expansion Commerciale et Industrielle S. A. "SFINDEX." Apparatus for the detection of electrostatic charges from the surface of materials of poor electrical conductivity. 2,752,533, 6-26-56, Cl. 317-2.
- Maas, Friedrich J., to Societe Financiere d'Expansion Commerciale et Industrielle S. A. "SFINDEX." Ionizer for electrostatic precipitations. 2,756,840, 7-31-56, Cl. 183-7.
- Maas, Friedrich J., to Societe Financiere d'Expansion Commerciale et Industrielle S. A. "SFINDEX." Electrical precipitation apparatus for protective respirators. 2,769,505, 11-6-56, Cl. 183-7.
- Maas, Leonhard A.: See—  
Ritchie, Frank W., and Maas. 2,729,520.
- Maas-Rowe Electronic Corp.: See—  
Rowe, Paul H. 2,772,594.
- Maatman, Ebert J., to American Steel Foundries. Snubbed truck. 2,751,556, 6-26-56, Cl. 108-197.
- Maby, Charles A., to Weston Electrical Instrument Corp. Remote reading resistance thermometer. 2,753,713, 7-10-56, Cl. 73-342.
- Mabrey, Frances A. Toilet seat. 2,752,610, 7-3-56, Cl. 4-237.
- Mabry, Thomas S. Means for cementing well liners. 2,738,011, 3-13-56, Cl. 166-144.
- MacAfee, Merrill W.: See—  
Ruth, Herman A., and MacAfee. 2,751,043.
- MacAfee, Merrill W., and H. A. Ruth, to Pacific Foundry Co., Ltd. Mist eliminator. 2,751,037, 6-19-56, Cl. 183-32.
- MacAyeal, Robert A.: See—  
MacAfee, Edwin N., and MacAyeal. 2,731,083.
- Maccaferri, Mario. Mold apparatus for tiles and other plate-like structures. 2,755,508, 7-24-56, Cl. 18-30.
- Maccaferri, Mario. Acoustic tiles. 2,755,882, 7-24-56, Cl. 181-33.
- MacCallum, Rex S., to the United States of America as represented by the Secretary of the Army. Method and machine for adhesively lap seaming fabric. 2,771,121, 11-20-56, Cl. 154-42.
- MacCallum, Alan M.: See—  
MacCallum, Paul A., and MacCallum. 2,731,217.
- Noxon, Paul A., and MacCallum. 2,772,059.
- MacCallum, Alan M., to Bendix Aviation Corp. Positioning system monitor. 2,774,559, 12-18-56, Cl. 244-77.
- MacCallum, Alan M., C. M. Perkins, and A. Bennett. Phase comparison system. 2,775,712, 12-25-56, Cl. 307-73.
- MacCallum, Ernest N.: See—  
Delmar, Geza S., and MacCallum. 2,752,344.
- Maccaroni, Fred. Shoe construction. 2,729,900, 1-10-56, Cl. 36-58.5.
- Maccaroni, Fred. Cushion insole. 2,734,287, 2-14-56, Cl. 36-28.
- Maccaroni, Fred. Slip lasted shoe with a three section insole. 2,746,176, 5-22-56, Cl. 36-12.
- Maccaroni, Fred. Footwear and process of making same. 2,746,177, 5-22-56, Cl. 36-46.
- MacChesney, Chester M. Sprinkler attachment for garden hose. 2,737,418, 3-6-56, Cl. 299-105.
- MacChesney, Chester M., to Acme Steel Co. Cartridge actuator sealant tool. 2,743,631, 5-1-56, Cl. 81-91.
- MacChesney, Chester M., to Acme Steel Co. Strip slitting machine comprising slitting dies in the form of endless belts. 2,753,936, 7-10-56, Cl. 164-35.
- MacChesney, Chester M., to Acme Steel Co. Strap seal and method of applying same. 2,759,233, 8-21-56, Cl. 24-23.
- MacChesney, Chester M. Game using ball catching and releasing suction device. 2,771,294, 11-20-56, Cl. 273-96.
- MacClatchie, John W. Piston. 2,743,972, 5-1-56, Cl. 309-23.
- MacClatchie, John W. Pump and piston combination. 2,748,718, 6-5-56, Cl. 103-202.
- Macclatchie Mfg. Co.: See—  
Shellman, Roy K. 2,745,631.
- MacClean, Edward S.: See—  
Melchert, Frank G., and MacClean. 2,744,728.
- MacCracken, Calvin D., to Jet-Heet, Inc. Forced air flow air heating furnace. 2,752,912, 7-3-56, Cl. 126-110.
- MacCracken, Calvin D., to Jet-Heet, Inc. Air conditioning apparatus. 2,770,445, 11-18-56, Cl. 257-9.
- MacCracken, Calvin D., G. N. Miles, and T. N. Ashitate, to Jet-Heet, Inc. Boiler-burner unit. 2,773,488, 12-11-56, Cl. 122-161.
- MacCready, Paul B., Jr. Cloud seeding generator. 2,741,601, 4-10-56, Cl. 252-359.
- MacCullum, Alan M.: See—  
Noxon, Paul A., and MacCullum. 2,741,733.
- MacDonald, Albert J., to Cryodon Hospital Equipment Corp. Order unit. 2,740,203, 4-3-56, Cl. 35-90.
- MacDonald, Angus A., R. C. Baltzers, and W. J. Parks, to Motorola, Inc. Amplifier semi-conductor volume compression system. 2,759,052, 8-14-56, Cl. 179-171.
- MacDonald, Donald A. Intermittent fluid flow control mechanism. 2,736,297, 2-28-56, Cl. 121-150.
- MacDonald, Duncan N., to Automatic Electric Laboratories, Inc. Rotary switch. 2,733,323, 1-31-56, Cl. 200-171.
- MacDonald, Duncan N., to Consolidated Electrodynamics Corp. Combination locking push button and adjustment mechanism. 2,746,676, 6-26-56, Cl. 290-172.
- MacDonald, Duncan N., to Automatic Electric Laboratories, Inc. Restricted service telephone system. 2,767,249, 10-16-56, Cl. 179-18.
- MacDonald, Elizabeth C. Inflatable cushioned receptacle. 2,750,600, 6-19-56, Cl. 4-113.
- Macdonald, James S. Gear systems. 2,755,678, 7-24-56, Cl. 74-337.5.
- MacDonald, James W. Rail joint. 2,759,676, 8-21-56, Cl. 238-225.
- Macdonald, John A., and A. C. Roebuck, Jr. Electrical testing devices. 2,763,834, 9-18-56, Cl. 324-53.
- MacDonald, John G., to The Dominion Road Machinery Co., Ltd. Power operated road grader. 2,737,736, 3-13-56, Cl. 37-156.
- MacDonald, Keith B. Fishing pole support and positioning device. 2,731,224, 1-17-56, Cl. 248-42.
- MacDonald, Leslie A., to American District Telegraph Co. Method and apparatus for detecting motion. 2,769,972, 11-6-56, Cl. 340-258.
- MacDonald, Lester S., to United Shoe Machinery Corp. Lasting machine. 2,733,460, 2-7-56, Cl. 12-8.7.
- MacDonald, Norman, to Chicago Pneumatic Tool Co. Rotary bit for wet drilling coal and the like. 2,756,024, 7-24-56, Cl. 255-61.
- MacDonald, Robert J., to Remington Arms Co., Inc. Explosive stud having ogival point and reduced dimension tip projecting therefrom. 2,768,552, 10-30-56, Cl. 85-30.



- MacDonald, Robert J., and A. D. Schwobe, to Remington Arms Co., Inc. Explosively driven stamp having polished point. 2,751,808, 6-26-56, Cl. 85-30.
- MacDonald, Robert N.: *See*—
- MacDonald, Archie E., and MacDonald. 2,775,570.
- MacDonald, Robert N., to E. I. du Pont de Nemours and Co. Polyoxymethylene. 2,768,994, 10-30-56, Cl. 260-67.
- MacDonald, Theresa L.: *See*—
- Wiederhorn, Norman M., MacDonald, and Kleibacker. 2,734,893.
- MacDonald, Witar A.: *See*—
- Cahoon, Edward F., and MacDonald. 2,734,099.
- MacDonnell, Richard J.: *See*—
- Eckert, Francis M., MacDonnell, and Villars. 2,769,883.
- MacDougall, Iver C., to Stauffer Chemical Co. Manufacture of carbon bisulfide. 2,733,984, 2-7-56, Cl. 23-206.
- MacDougall, Robert N., to Stauffer Chemical Co. Carbon bisulfide retort. 2,750,264, 6-12-56, Cl. 23-277.
- MacDougall, Kirkland B. Device or mechanism for automatically or manually adjusting automotive vehicle brakes. 2,743,793, 5-1-56, Cl. 188-196.
- MacDuff, Kirkland B. Slack adjusting mechanism. 2,762,009, 6-26-56, Cl. 188-196.
- MacDuff, Stanley I.: *See*—
- Arens, Cecil F., and MacDuff. 2,745,478.
- MacDuff, Stanley I., to Bendix Aviation Corp. Control device for windshield wiper mechanism. 2,749,885, 6-12-56, Cl. 121-157.
- MacDuff, Stanley I., to Bendix Aviation Corp. Hydraulic motor and control therefor. 2,752,895, 7-3-56, Cl. 121-157.
- MacDuff, Stanley I., to Bendix Aviation Corp. Power steering apparatus of the hydraulic type having a valve with unequal reaction areas. 2,737,748, 8-7-56, Cl. 180-79.2.
- MacDuff, Stanley I., to Bendix Aviation Corp. Power steering apparatus. 2,762,231, 9-11-56, Cl. 74-338.
- MacDuff, Stanley I., to Bendix Aviation Corp. Valve. 2,774,377, 12-18-56, Cl. 137-620.
- MacEary, William, to General Electric Corp. Propellant composition. 2,740,702, 4-3-56, Cl. 52-52.
- MacEchorn, Lendrum A. Stapler accessory. 2,763,862, 9-25-56, Cl. 1-49.
- Macemom, Herbert J., to General Electric Co. Timer apparatus. 2,767,263, 10-16-56, Cl. 200-37.
- Macemom, Herbert J., and W. T. Foster, to General Electric Co. Electric switching device. 2,769,876, 11-6-56, Cl. 200-113.
- MacFarland, Allison M. Electromagnetically operated hand tool. 2,753,898, 7-10-56, Cl. 143-73.
- MacFarlane, David R., to Western Electric Co., Inc. Electrical contact. 2,765,453, 10-2-56, Cl. 339-258.
- MacFarlane, Walter, & Co., Ltd.: *See*—
- Richards, James A. 2,758,346.
- Richards, James A., and Jeffrey. 2,749,587.
- MacGeorge, William D., to Automatic Temperature Control Co. Electric control system for a heat motor for re-balance. 2,737,641, 3-6-56, Cl. 340-187.
- MacGillis & Gibbs Co.: *See*—
- Hoyle, Robert J., Jr. 2,747,243.
- MacGowan, Rex. Self-opening container and music box. 2,751,803, 6-26-56, Cl. 84-95.
- MacGregor, Robert, to General Motors Corp. Apparatus for assembling wiring harness. 2,768,428, 10-30-56, Cl. 29-203.
- MacGregor, James: *See*—
- MacGregor, Robert, James, and Joseph. 2,750,914.
- MacGregor, Robert, to General Motors Corp. Flight Refueling Ltd. Liquid flow control systems. 2,771,090, 11-20-56, Cl. 137-390.
- MacGregor, Robert, James, and Joseph. Cargo anti-shifting structure for ships' holds. 2,750,914, 6-19-56, Cl. 114-75.
- MacGriff, Jack E. Image control tube and method of printing. 2,773,336, 12-18-56, Cl. 346-74.
- Mach, George J., to General Motors Corp. Forward mounted truck cab with a movable seat. 2,753,947, 7-10-56, Cl. 180-89.
- Machala, Anthony E.: *See*—
- Bonner, Walter F., Durst, Lewanda, and Machala. 2,758,266.
- Machalek, Ferdinand: *See*—
- Dvorak, Joseph F. 2,773,408.
- Machine Tool Works Oerlikon, Administration Co.: *See*—
- Hepperle, Erwin, and Mühlemann. 2,765,709.
- Machler, Heinrich, to Stauffer Chemical Co. 2,749,911.
- Herlich, Heinrich. 2,775,143.
- Linder, Friedrich. 2,765,560.
- Machinefabrik Reineveind N. V.: *See*—
- Van Riel, Pieter. 2,752,043.
- Zwaard, Henricus C. A. 2,752,702.
- Machinefabrik ugelschlag Nürnberg A. G.: *See*—
- Seltz, Ludwig. 2,741,933.
- Machinery Electrification Inc.: *See*—
- Bonneau, Frank X. 2,759,540.
- Machlanski, Sigmund, to Bendix Aviation Corp. Temperature control system. 2,737,028, 3-6-56, Cl. 62-6.
- Machlanski, Sigmund, to Bendix Aviation Corp. Single lever control mechanism for aircraft engine. 2,740,255, 4-3-56, Cl. 60-39.28.
- Machlanski, Sigmund, to Bendix Aviation Corp. Single lever control for varying the propeller pitch and the temperature of an aircraft engine. 2,740,483, 4-3-56, Cl. 170-135.74.
- Machlanski, Sigmund, to Bendix Aviation Corp. Automatic starter control. 2,741,093, 4-10-56, Cl. 60-39.14.
- Machlanski, Sigmund, to Bendix Aviation Corp. Fuel flow equalizer valve. 2,774,414, 12-18-56, Cl. 158-36.
- Machler, Raymond C., to Leeds and Northrup Co. Systems for spectrochemical analysis. 2,774,277, 12-18-56, Cl. 88-14.
- Machlett, George A. F. Electronic measuring and control apparatus. 2,764,355, 9-25-56, Cl. 236-68.
- Machlett Laboratories, Inc.: *See*—
- Agule, George J. 2,748,310.
- Agule, George J. 2,749,466.
- Agule, George J., and Reynolds. 2,756,765.
- Doolittle, Howard D. 2,740,911.
- Doolittle, Howard D. 2,748,311.
- Doolittle, Howard D. 2,751,517.
- Doolittle, Howard D., and Skehan. 2,750,535.
- Leonard, George H. 2,746,775.
- Zarth, William. 2,770,000.
- Machlin, Stuart, to Standard Coil Products Co., Inc. Plural band television receiver tuner with channel indicator knob. 2,772,351, 11-27-56, Cl. 250-20.
- Machon, Herbert W., and J. P. Magnano, to Federal Electric Products Co. Three-position push button switch. 2,772,434, 5-22-56, Cl. 200-16.
- Maciejowski, John J.: *See*—
- Morgan, Paul E., Abbott, and Maciejowski. 2,737,390.
- MacInnes, Peter A. Explosive rocket toy and launcher. 2,752,729, 7-3-56, Cl. 46-200.
- MacIntyre, Charles H., to Bendix Aviation Corp. Pressure control system for an aircraft fuel tank. 2,749,062, 6-5-56, Cl. 244-135.
- MacIntyre, Charles H., to Bendix Aviation Corp. Operating mechanism for inflatable ice eliminating system. 2,753,138, 7-3-56, Cl. 244-134.
- MacIntyre, John C., to B & M Mills, Inc. Panel for radio or television cabinet. 2,750,245, 6-12-56, Cl. 312-7.
- MacIntyre, John C.: *See*—
- Golder, Bernard B., and MacIntyre. 2,729,573.
- MacIsaac, John T., Jr., to Fieldcrest Mills, Inc. Sheet hemming and hemstitching apparatus. 2,757,624, 8-7-56, Cl. 112-2.
- MacIsaac, John T., Jr., and R. L. Seif, to Fieldcrest Mills, Inc. Apparatus for making bed sheets and the like. 2,738,746, 3-20-56, Cl. 112-2.
- MacIver, Charles P., to the United States of America as represented by the Secretary of the Army. Armored garment. 2,773,704, 12-18-56, Cl. 154-32.5.
- Mack, Charles H.: *See*—
- Bickford, William G., Mack, and Moore. 2,729,671.
- Mack, Francis J. Feeding utensils for young children. 2,762,120, 9-11-56, Cl. 30-1.
- MacKerron, J., to Carlisle Chemical Works, Inc. Tri-butyl-tin compound method for stabilizing polyvinyl chloride resin therewith. 2,745,820, 5-15-56, Cl. 260-45.75.
- Mack, Gerry P., to Carlisle Chemical Works, Inc. Acrylonitrile fibers of improved dye susceptibility. 2,745,822, 5-15-56, Cl. 260-45.33.
- Mack, Gerry P., and E. Parker, to Carlisle Chemical Works, Inc. Drier compositions. 2,739,902, 3-27-56, Cl. 106-264.
- Mack, Gerry P., and E. Parker, to Carlisle Chemical Works, Inc. Zirconyl 2-ethylhexoate. 2,739,903, 3-27-56, Cl. 106-310.
- Mack, Gerry P., and E. Parker, to Carlisle Chemical Works, Inc. Halogen-containing resins stabilized with organotin compounds. 2,745,819, 5-15-56, Cl. 260-45.75.
- Mack Mfg. Corp.: *See*—
- Schmal, Alois H. 2,731,855.
- Mack, William, to Sigmund, to Bendix Aviation Corp. High trimming attachment. 2,773,299, 12-11-56, Cl. 29-67.
- Mack, Stanley J., to Lindberg Engineering Co. Method and apparatus for oxidizing hydrocarbons. 2,754,178, 7-10-56, Cl. 23-230.
- Mack, William: *See*—
- Bonard, Robert J., and Mack. 2,744,191.
- Mack, William, to F. E. Wolcott. Pressure applicator. 2,738,228, 3-13-56, Cl. 299-95.
- MacKean, John H., and J. H. Morling. Hydraulic bag loader for vehicles. 2,739,719, 3-27-56, Cl. 214-77.
- MacKean, John H., and J. H. Morling. Vehicle mounted cradle for bag loading apparatus. 2,739,720, 3-27-56, Cl. 214-77.
- MacKay, Grace A. Treatment of psoriasis, commonly called "scaly bark disease." 2,734,314, 2-14-56, Cl. 47-58.
- MacKay, Grace A. Treatment of citrus trees infested with mealybugs. 2,742,736, 4-24-56, Cl.

- Mackenzie, Frank,  $\frac{1}{2}$  to N. V. Aannemersbedrijf voorheen E. A. T. den Breijlen van den Bout, and  $\frac{1}{2}$  to N. V. Brons-  
werk, Bucket, especially for bucket dredgers. 2,763,945,  
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- Mackenzie, Fred T., to United Shoe Machinery Corp. Sole  
locating and holding apparatus. 2,735,118, 2-21-56, Cl.  
12-17.
- Mackenzie, George D.: See—  
Hamilton, Liday E., Sr., and Mackenzie. 2,729,517.
- Mackenzie, Kenneth R., and W. M. Brobeck, to the United  
States of America as represented by the United States  
Atomic Energy Commission, Calutron control circuit.  
2,733,350, 9-11-56, Cl. 250-41.9.
- Mackenzie, Wilbur, deceased, by L. A. Ford, administrator,  
to United Shoe Machinery Corp. Methods of and ap-  
paratus for dispensing and applying thermoplastic ad-  
hesives. 2,762,716, 9-11-56, Cl. 117-43.
- Mackenzie, William E., and S. A. Matsuka, Cleaning com-  
pound testing apparatus. 2,729,098, 1-3-56, Cl. 73-53.
- Mackenzie, William F.: See—  
Lee, Fernan N., Mackenzie, D'Arcey, and Cicchetti.  
2,746,046.
- Mackey, Bruce A. Drill bit construction. 2,752,965, 7-3-56,  
Cl. 145-116.
- Mackey, Charles W., to Scovill Mfg. Co. Crumpe strainer  
and stopper. 2,736,040, 2-28-56, Cl. 4-287.
- Mackey, Charles W., to Scovill Mfg. Co. Sink waste fitting.  
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- Mackey, Donald: See—  
Lazery, Angelo G., and Mackey. 2,742,627.
- Mackey, Donald, to Radio Corp. of America. Tunable signal  
amplifier structure and coupling elements therefor.  
2,762,987, 9-11-56, Cl. 336-75.
- Mackey, E. Scudder, to General Aniline & Film Corp. Fungus  
resistant recroating for color silver halide emulsion-  
layers. 2,767,708, 9-11-56, Cl. 95-8.
- Mackey, John W. Disposal device for cigarette and cigar  
ashes, butts, and the like. 2,754,145, 7-10-56, Cl. 290-1.
- Mackey, Richard C., to The Regents of The University of  
California. Recording magnetometric apparatus of the  
nuclear-resonance type. 2,772,391, 11-27-56, Cl. 324-0.5.
- Mackey, Walter J.,  $\frac{1}{2}$  to J. Ashley. Toilet training device for  
infants. 2,766,716, 10-16-56, Cl. 116-67.
- Mackie, James, & Sons Ltd.: See—  
Mackie, John P. 2,763,034.
- Mackie, John P. 2,763,035.
- Mackie, John P., to James Mackie & Sons Ltd. Stop mech-  
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anism. 2,763,035, 9-18-56, Cl. 19-167.
- Mackie, Robert A., to Chrysler Corp. Pedal seal. 2,765,184,  
10-2-56, Cl. 286-15.
- Mackinney, Paul M., to Oury Engineering Co. Charging  
chute for transit concrete mixers. 2,750,164, 6-12-56, Cl.  
259-184.
- MacKinnon, James S., and J. E. Weidman, to W. H. Martin.  
Machine for automatically cutting off strips of uniformly  
increasing lengths from strip stock of indefinite length.  
2,749,981, 6-12-56, Cl. 4-14.
- Mackintosh, Charles, Row, of nesting chairs. 2,737,230,  
3-6-56, Cl. 155-130.
- Mackintosh, Donald D. R. Axially reciprocable motor.  
2,758,571, 9-14-56, Cl. 121-45.
- Mackiw, Vladimir N.: See—  
Roy, Rubin K., Lin, Mackiw, and Kunda. 2,767,082.
- Mackiw, Vladimir N., T. K. Roy, W. C. Lin, and V. Kunda,  
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75-108.
- Macklanburg, Louis A. Combination level and try square.  
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- Macklin Equipment Co.: See—  
Macklin, Theodore, Jr. 2,738,071.
- Macklin, Justin W.: See—  
Graves, Frederick G. 2,765,779.
- Macklin, Theodore: See—  
Stephan, Joseph. 2,743,100.
- Macklin, Theodore, Jr., to Macklin Equipment Co. Flow  
balance regulator and adjusting system for ore concentrat-  
ing tables. 2,738,071, 3-13-56, Cl. 209-441.
- MacKnight, John D., to The Texas Co. Marine cable for  
seismic surveying of submerged areas. 2,738,488, 3-13-56,  
Cl. 340-7.
- Macks, Elmer F. Wear Testing device. 2,735,290, 2-21-56,  
Cl. 73-7.
- Mackta, Leo. Magnetostrictive cutting tool. 2,730,103,  
1-10-56, Cl. 128-305.
- Mackta, Leo. Reducing gear assembly. 2,749,761, 6-12-56,  
Cl. 74-216.3.
- Mackta, Leo. Coaxial speed reducing gear set. 2,764,030,  
9-25-56, Cl. 74-216.3.
- MacLaren, Donald D., to Esso Research and Engineering Co.  
Combination desulfurization and catalytic reforming pro-  
cess. 2,760,905, 8-28-56, Cl. 196-28.
- MacLaren, Donald D., and O. Schrieker, Jr., to Esso Research  
and Engineering Co. Method of regenerating hydroform-  
ing catalysts. 2,758,063, 8-7-56, Cl. 196-50.
- MacLaren, Frederick H.: See—  
Crews, Lowell T., Kalinowski, and MacLaren. 2,759,840.
- Maclary, Fletcher J., to Collins Radio Co. Rejection filter.  
2,753,575, 6-25-56, Cl. 333-76.
- MacLaughlin, Grey, Jr.: See—  
Bartow, John B., and J. A., and MacLaughlin. 2,741,710.
- Bartow, John B., and MacLaughlin. 2,730,566.
- Macley, Franklin P.: See—  
Woolaver, Lawrence B., and Macley. 2,746,019.
- MacLean, Alexander F.: See—  
Smith, Eldred T., and MacLean. 2,770,585.
- MacLean, Alexander F., and E. D. Parker, to Celanese Corp.  
of America. Production of pyridines. 2,740,789, 4-3-56.
- MacLean, Alexander F., and A. W. Schnitzer, to Celanese  
Corp. of America. Production of substituted pyridines.  
2,754,800, 7-10-56, Cl. 260-290.
- MacLean, Alexander F., and W. E. Heinz, to Celanese Corp.  
of America. Process for condensing formaldehyde.  
2,760,983, 8-28-56, Cl. 260-594.
- MacLean, Alexander F., and A. L. Stautzenberger, to Celanese  
Corp. of America. Hydrogenation of formaldehyde conden-  
sation products. 2,775,621, 12-25-56, Cl. 260-635.
- MacLean-Fogg Lock Nut Co.: See—  
Oakley, Gilbert F. 2,753,816.
- Oakley, Gilbert F. 2,753,747.
- MacLean, Harold O. Ice block storage and dispensing rack.  
2,752,303, 6-10-56, Cl. 19-38.
- MacLean, Norman E. Heat transfer system. 2,730,871,  
1-17-56, Cl. 62-125.
- MacLeish, Kenneth G., to the United States of America as  
represented by the United States Atomic Energy Commis-  
sion. Magnetic field regulator. 2,735,044, 2-14-56, Cl.  
317-123.
- MacLelland, Willis G.: See—  
Snyder, Clermont J., and MacLelland. 2,750,311.
- MacLeod, David E., to Carrier Corp. Ice cube maker and con-  
trol mechanism therefor. 2,775,093, 12-25-56, Cl. 62-7.
- MacLeod, Norman. Foment sterilizer. 2,728,962, 1-3-56, Cl.  
21-95.
- MacLeod, Norman A. Apparatus for producing pulsations to  
check well casing perforations. 2,732,016, 1-24-56, Cl.  
166-43.
- MacLeod, Norman A. Electrical detonator for explosives.  
2,754,757, 7-17-56, Cl. 102-28.
- MacLeod, Norman A. Watering system, including hose and  
support. 2,757,962, 8-7-56, Cl. 299-72.
- MacLeod, Norman A. Electric detonator. 2,762,302, 9-11-56,  
Cl. 102-28.
- MacLeod, Norman A. Means for initiating explosion.  
2,775,306, 12-10-56, Cl. 167-70.
- MacMahon, James D., to Olin Mathieson Chemical Corp.  
Process of laundering using HTH and composition therefor.  
2,753,241, 7-3-56, Cl. 8-137.
- MacMahon, Paul H. Bicycle lights. 2,732,540, 1-24-56, Cl.  
3-87.
- MacMahon, Paul H. Signalling devices. 2,732,541, 1-24-56,  
Cl. 340-134.
- MacMahon, Paul H. Signalling devices. 2,767,391, 10-16-56,  
Cl. 340-134.
- MacMaet, Paul S. Animal restraining device. 2,752,886,  
7-3-56, Cl. 119-103.
- MacMillan, Charles W., to Bear Mfg. Co. Automotive wheel  
alignment testing device. 2,755,554, 7-24-56, Cl. 33-46.
- MacMillan, Charles W., to Bear Mfg. Co. Device for aligning  
plates in parallel. 2,750,432, 12-25-56, Cl. 32-180.
- MacMillan, Charles W., and B. A. Richards, to Bear Mfg. Co.  
Toe change corrective device. 2,732,233, 1-24-56, Cl.  
287-54.
- MacMillan, Charles W., H. O. Holaday, and F. W. Pierce, to  
Bear Mfg. Co. Automotive wheel alignment testing machine.  
2,765,540, 10-9-56, Cl. 33-203.18.
- MacMillan, Fenton M.: See—  
Bailey, David R. G. 2,748,879.
- MacMullen, Clinton W., and A. Marzocchi, to Cowles Chemical  
Co. Alkylbenzyl trichlorosilanes. 2,740,801, 4-3-56, Cl.  
260-448.2.
- MacNeill, John B., W. M. Leeds, and B. P. Baker, to Westing-  
house Electric Corp. Circuit interrupters. 2,734,973,  
2-14-56, Cl. 200-150.
- MacNeill, John B., and B. P. Baker, to Westinghouse Electric  
Corp. Circuit interrupter. 2,737,556, 3-6-56, Cl. 200-150.
- MacNeill, John B., and B. P. Baker, to Westinghouse Electric  
Corp. Compressed-gas circuit interrupter. 2,748,226,  
5-22-56, Cl. 200-368.
- MacNeill, John B., and B. P. Baker, to Westinghouse Electric  
Corp. Switching equipment for compressed air circuit  
breakers. 2,752,448, 6-26-56, Cl. 200-82.
- MacNeill, John B., F. E. Florschutz, and C. G. Lentjes, to  
Westinghouse Electric Corp. Circuit interrupter.  
2,760,033, 8-21-56, Cl. 200-150.
- MacNeill, John H.: See—  
De Turk, John E., MacNeill, and Gibbs. 2,751,440.
- MacNeill, John H., to the United States of America as rep-  
resented by the Secretary of the Air Force. Magnetic record-  
ing head. 2,732,275, 1-24-56, Cl. 346-74.
- MacNerland, William M. Door control. 2,743,475, 5-1-56,  
Cl. 16-61.
- Macolez, Edward L., to General Electric Co. Controls for  
electric ovens. 2,742,557, 4-17-56, Cl. 219-20.
- Macomber, James K. Package assembly. 2,739,706, 3-27-56,  
Cl. 209-7.
- Macormack, James G., to Aluminiseal Corp. Sealing gasket.  
2,764,788, 10-2-56, Cl. 20-69.



- Macovski, Albert, to Radio Corp. of America. Noise cut-off synchronizing signal separator. 2,736,769, 2-28-56, Cl. 178-7.3.
- Macovski, Albert, to Radio Corp. of America. Circuit for rendering gain control independent of voltage variations on amplifier control electrode. 2,757,235, 7-31-56, Cl. 178-7.5.
- MacPeck, Donald L., and W. H. Rauscher, to the United States of America as represented by the Secretary of the Interior. Preparation of B,B'-diselenodipropionic acid. 2,729,676, 1-3-56, Cl. 260-537.
- MacPherson, Earle S., to Ford Motor Co. Torsion bar independent wheel suspension for motor vehicles. 2,757,747, 8-7-56, Cl. 180-75.
- MacPherson, George L. *See—*
- Wiseley, Zoltan R., and MacPherson. 2,753,687.
- Macpherson, George L., to General Electric Co. Injection head for jet propulsion system. 2,733,570, 2-7-56, Cl. 60-39.46.
- MacPhillamy, Harold B., to Ciba Pharmaceutical Products, Inc. Deserpidinol and salts thereof. 2,770,627, 11-13-56, Cl. 260-386.
- MacQueen, Leonard B. *See—*
- Cooper, Alfred, and MacQueen. 2,746,940.
- MacRae, Norman D., to The Connor Lumber and Land Co. Lumber handling device for saw mills. 2,734,643, 2-14-56, Cl. 11-11.
- Macrides, Philip C., to Cluett, Peabody & Co., Inc. Garment closure. 2,733,446, 2-7-56, Cl. 2-128.
- MacRill, John R. *See—*
- Mispley, Robert G., and MacRill. 2,746,872.
- MacSharran, Charles, to Phillips Petroleum Co. Automatic shut-off valve in liquefied gas system. 2,781,802, 1-24-56, Cl. 62-1.
- Macular, Harvey S. Abrasive assembly. 2,756,549, 7-31-56, Cl. 51-186.
- MacVicar, Frank F. Lawn mower having removable cutting reel. 2,731,781, 1-24-56, Cl. 56-249.5.
- MacVittie, Arthur R. *See—*
- McVittie, William. 2,766,702.
- MacVittie, Russell L. *See—*
- McVittie, William. 2,766,702.
- MacVittie, William B. Adjustable chair-desk. 2,732,007, 1-24-56, Cl. 155-124.
- MacWilliam, Edgar A., to Eastman Kodak Co. Photographic emulsion having clayden effect susceptibility. 2,756,148, 7-24-56, Cl. 95-7.
- Macy, James C., to Aircraft-Marine Products Co. Method of applying electrical connectors. 2,730,718, 1-17-56, Cl. 4-68.
- Macy, Robert H., and E. J. Buck, to The Ingalls Shipbuilding Corp. and Coyle Lines Inc. Cargo vessel for transporting heated cargo and general cargo. 2,738,749, 3-20-56, Cl. 114-73.
- Madaffer, Frank. Bottle smashing device. 2,738,134, 3-13-56, Cl. 241-99.
- Madalinski, Eugene, to Le Madden Corp. Roller applicator for adhesive. 2,762,072, 9-11-56, Cl. 15-132.5.
- Madaras, Julius D. 2,739,606.
- Madaras, Julius D., to Madaras Corp. Valve. 2,739,606, 3-27-56, Cl. 137-246.
- Madden Corp., The *See—*
- Madden, Paul E. 2,763,473.
- Madden, Frank E. Power lawn mower. 2,759,320, 8-21-56, Cl. 29-68.
- Madden, Frank J., as trustee *See—*
- Kraybill, Henry R. 2,746,870.
- Madden, Paul E., to The Madden Corp. Impeller mounting for liquid mixer. 2,763,473, 9-18-56, Cl. 259-134.
- Maddix, Charles W. *See—*
- McCavey, James G., and Maddix. 2,757,936.
- Maddock, Clifford, to Kelsey-Hayes Wheel Co. Automatic rim loading fixture. 2,757,704, 8-7-56, Cl. 153-29.
- Maddocks, Ellsworth L. Animal trap. 2,774,175, 12-18-56, Cl. 43-61.
- Maddox, Carroll. Feeler switch. 2,768,255, 10-23-56, Cl. 200-61.44.
- Maddox, Paul J. *See—*
- Barr, William W., and Maddox. 2,762,217.
- Madeira, John R., to Goodman Mfg. Co. Grippers for belt conveyors. 2,753,981, 7-10-56, Cl. 198-186.
- Madeley, Paul E. *See—*
- Erath, Louis W., Madeley, and Geery. 2,772,388.
- Madelung, Otfried, to Siemens-Schuckertwerke Aktiengesellschaft. Semiconductor device and method of its manufacture. 2,754,456, 7-10-56, Cl. 317-237.
- Mader, James P., to Consolidated Water Power & Paper Co. Container partition structure. 2,738,917, 3-20-56, Cl. 229-42.
- Mader, Paul M., to Eastman Kodak Co. Removing silver and silver halide from photographic elements. 2,748,000, 5-29-56, Cl. 95-88.
- Mader, Stewart S. *See—*
- Silven, Herbert A., and Mader. 2,759,304.
- Maderni, Piero, to Sandoz A. G. Disazo dyestuffs. 2,736,724, 2-28-56, Cl. 260-175.
- Maderni, Piero, to Sandoz A. G. Cobalt-containing azo dyestuffs. 2,753,336, 7-3-56, Cl. 260-149.
- Madey, Richard, to the United States of America as represented by the United States Atomic Energy Commission. Crystal diode coincidence circuit. 2,775,697, 12-25-56, Cl. 250-28.
- Madge, Evelyn W., W. Mobberley, and F. J. Tibenham, to Dunlop Tire and Rubber Corp. Rubber reinforcing agents and compositions containing such agents. 2,769,789, 11-6-56, Cl. 260-175.
- Madewick, Charles G., Sr. Stationary sand dredger. 2,763,940, Cl. 37-58.
- Madinger, Huit L., to The Texas Co. Recovery of catalyst in the hydrogenation of hydrocarbon oils. 2,739,929, 3-27-56, Cl. 196-53.
- Madison, Darwin B. Outboard motor having tow line device and method for towing. 2,764,118, 9-25-56, Cl. 115-17.
- Madison Mfg. Co. *See—*
- Miller, Carl I. 2,742,800.
- Madland, Gabriel, to The Youngstown Steel Door Co. Sides for railway freight cars. 2,770,199, 11-13-56, Cl. 105-409.
- Madrugá, Raymond J. Boat trailer. 2,766,053, 10-9-56, Cl. 280-414.
- Madsen, Berthel F., to Teletype Corp. Reversible page feed mechanism. 2,763,357, 9-18-56, Cl. 197-114.
- Madsen, Jens A. W. *See—*
- Albertson, Frank O., and Madsen. 2,764,705.
- Madsen, Jens A. W., to Albertson & Co., Inc. Chuck mechanism. 2,735,689, 2-21-56, Cl. 279-74.
- Madsen, Jens A. W., to Albertson & Co., Inc. Rotary impact tool. 2,756,853, 7-31-56, Cl. 192-30.5.
- Madsen, Royal G. Folding door construction. 2,754,901, 7-31-56, Cl. 160-54.
- Madsen, Royal G., M. E. Stickney, and R. C. Hawes, to Beckman Instruments, Inc. Spectrophotometer with slit-width control. 2,741,941, 4-17-56, Cl. 88-14.
- Madsen, Tage D. Piston rings of cast iron. 2,738,268, 3-13-56, Cl. 75-125.
- Madsen, Tage D. Cast iron alloy. 2,738,269, 3-13-56, Cl. 75-125.
- Madsen, Walter M. Mixing machines. 2,757,912, 8-7-56, Cl. 259-179.
- Maduchne, Anthony L. Concealed windshield wiper. 2,759,214, 8-21-56, Cl. 15-255.
- Maeker, Kurt *See—*
- Wollenhaupt, Jakob. 2,768,539.
- Maeda, Kinzo *See—*
- Sasaki, Jun-ichi, Kobayashi, and Maeda. 2,736,856.
- Maeda, Noboru. Overload electric switch. 2,753,417, 7-3-56, Cl. 29-68.
- Maede, Waldemar O. Ventilating sash lock. 2,767,012, 10-16-56, Cl. 292-342.
- Maeder, Abbott S. *See—*
- Lyman, Joseph, Caldwell, Maeder, Haxby, and Tawney. 2,735,437.
- Maeder, Arthur, to Ciba Ltd. New aqueous dispersions and process for making and using them. 2,753,318, 7-3-56, Cl. 260-29.6.
- Maenpaa, Wilho K. *See—*
- Zaffarano, Frank P., and Maenpaa. 2,731,553.
- Maenpaa, Wilho K., to General Railway Signal Co. Apparatus for detection of nonsynchronous rotation of locomotive axles. 2,735,090, 2-14-56, Cl. 340-268.
- Maevrad Couplings, Inc. *See—*
- Roberts, Paul E. 2,764,430.
- Mafer, Guy, Jr. Ground anchors. 2,771,163, 11-20-56, Cl. 187-10.
- Maffey, Constant O. Locking device for trailer kingpins. 2,755,655, 7-24-56, Cl. 70-232.
- Maffezzoni, Umberto, and F. A. Luzzi, to Montecatini, Societa Generale per l'Industria Mineraria e Chimica. Process for purifying acrylonitrile formed by synthesis from acetylene and hydrogen cyanide. 2,772,304, 11-27-56, Cl. 260-465.3.
- Maganus, Paul G., to Warren Alloy. Process of treating aluminum work pieces. 2,752,302, 6-26-56, Cl. 204-29.
- Magariello, Edward R., to National Dairy Research Laboratories, Inc. Production of lacticobionic acid and its  $\delta$ -lactone. 2,746,916, 5-22-56, Cl. 204-79.
- Magarinos, Joseph, and F. C. Hoffman, to Courier-Citizen Co. Collator. 2,770,456, 11-13-56, Cl. 270-58.
- Magash, Julius V. *See—*
- Molinari, Henry G., and Magash. 2,771,710.
- Magash, Julius V., and C. Messineo, to Becton Dickinson and Co. Method of making hypodermic syringes. 2,736,992, 3-6-56, Cl. 49-79.
- Magat, Eugene E., to E. I. du Pont de Nemours and Co. Polyamides of terephthalic acid and diamines having methyl substituted hydrocarbon chain. 2,752,328, 6-26-56, Cl. 260-78.
- Magee, Bruce V. *See—*
- Vernam, Gilbert S., and Magee. 2,738,376.
- Magee Carpet Co., The *See—*
- Groat, Francis P. 2,729,246.
- Groat, Francis P. 2,754,578.
- Penman, Montgomery B. 2,756,938.
- Magee, Charles, and N. A. Kokles, Jr. Bulldozer blade. 2,763,944, 9-25-56, Cl. 37-143.
- Magee, Everett C., to Esso Research and Engineering Co. Apparatus and process for recovering cobalt from liquid aldehyde. 2,757,079, 7-31-56, Cl. 75-82.
- Magee, Kenneth L., to J. I. Case Co. Pick-up and windrowing machine. 2,751,745, 6-26-56, Cl. 56-372.
- Magee, Kenneth L., to J. I. Case Co. Universal elevator. 2,760,622, 8-28-56, Cl. 198-173.
- Mageoch, Harry Y., to Electric Service Mfg. Co. Vehicle destination sign mechanism. 2,736,973, 3-6-56, Cl. 40-93.
- Mager, Abraham C. Telephone call counter. 2,732,131, 1-24-56, Cl. 235-125.

- Mager, Eric L., to Sylvania Electric Products Inc. Composition for coating electroluminescent lamps. 2,774,737, 12-18-56, Cl. 252-301.3.
- Magera, John J. *See*—
- De Woody, Charles M., and Magera. 2,742,709.
- Magerkurth, Wilhelm A., to National Rubber Machinery Co. Extrusion apparatus. 2,765,491, 10-9-56, Cl. 18-12.
- Magerlein, Barney J. *See*—
- Levin, Robert H., Magerlein, and McIntosh. 2,734,907.
- Levin, Robert H., Magerlein, and McIntosh. 2,773,060.
- Weisblat, David L., Magerlein, Myers, Hanze, and Rolfsen. 2,737,523.
- Weisblat, David L., Magerlein, and Rolfsen. 2,737,524.
- Magerlein, Barney J., to The Upjohn Co. Steroid halo ketones and process. 2,752,341, 6-26-56, Cl. 260-239.55.
- Magerlein, Barney J., and R. H. Levin, to The Upjohn Co. Steroid ketals. 2,771,467, 11-20-56, Cl. 260-239.55.
- Magerlein, Barney J., and A. V. McIntosh, Jr., and R. H. Levin, to The Upjohn Co. Steroid a-halo ketals. 2,773,059, 12-4-56, Cl. 260-239.55.
- Magers, Koscoe. Speedometer cable disconnect detector. 2,732,546, 1-24-56, Cl. 340-260.
- Maggio, John B., to Bell Telephone Laboratories, Inc. Automatic line switching circuits. 2,733,296, 1-31-56, Cl. 179-15.
- Maggio, John B., to Bell Telephone Laboratories, Inc. Measurement of envelope delay distortion. 2,767,373, 10-16-56, Cl. 324-57.
- Maggs, Arthur H., and A. E. Young, to The British Thompson-Houston Co. Ltd. Commutation system for universal motors. 2,736,828, 2-28-56, Cl. 310-158.
- Magie, Chas. E. *See*—
- Brodbeck, Almer H., and Douglas. 2,735,483.
- Callan, Robert J., and Kuo. 2,763,139.
- Douglas, Bradley C. 2,757,871.
- Douglas, Bradley C., and Pryor. 2,745,482.
- Reinhardt, Harold C. 2,747,613.
- Magie Seal, Inc. *See*—
- Rand, Henry J. 2,770,443.
- Magid, Louis *See*—
- Cannataolo, Marco A., and Magid. 2,756,177.
- Magid, Philip. Gum strap connection permitting selective, swivel, or fixed mounting. 2,758,440, 8-14-56, Cl. 59-95.
- Magid, Sidney H. Thermoplastic sheet material provided with tubular edging and method of applying said edging. 2,768,107, 10-23-56, Cl. 154-113.
- Magida, Herbert N. Crutch. 2,771,089, 11-20-56, Cl. 135-50.
- Magidson, Frank, to Pittsburgh Tag Co. Mechanical actuator for manual stapler. 2,773,258, 12-11-56, Cl. 1-3.
- Maie, William A., II. Printing ink. 2,754,218, 7-10-56, Cl. 106-10.
- Magill, Donald G., to American Can Co. Container top label. 2,729,907, 1-10-56, Cl. 40-4.
- Magill, Donald G., to American Can Co. Container overcap and method of attaching same without adhesive. 2,750,094, 6-12-56, Cl. 229-5.6.
- Magill, Donald G., to American Can Co. Protective shatterproof outer container for bottle. 2,756,105, 7-24-56, Cl. 299-95.
- Magill, Gilbert W. Rotor for helicopters, autogyros and the like. 2,755,869, 7-24-56, Cl. 170-160.25.
- Magill, Joseph J., to Art Wire and Stamping Co. Trolling planer. 2,741,863, 4-17-56, Cl. 43-43.13.
- Magin, Sidney H. A., to D. Napier & Son Ltd. Two-way rotary fluid valve. 2,747,364, 5-29-56, Cl. 60-39.07.
- Maglio, John V. *See*—
- Benson, George O., and Maglio. 2,737,747.
- Magna Engineering Corp. *See*—
- Goldschmidt, Hans. 2,747,626.
- Goldschmidt, Hans. 2,748,627.
- Unsworth, Robert K. 2,735,130.
- Magna Power Tool Co. *See*—
- Goldschmidt, Hans. 2,759,503.
- Magnafux Corp. *See*—
- De Forest, Taber. 2,764,733.
- De Forest, Taber, and Staats. 2,761,997.
- Magnani, Alessandro,  $\frac{1}{2}$  to F. L. Smith & Co. A/S. Control apparatus for traveling web cut-off mechanism. 2,739,483, 3-27-56, Cl. 74-25.
- Magnani, Alessandro,  $\frac{1}{2}$  to F. L. Smith & Co. A/S. Apparatus for feeding reinforcing elements for incorporation into cementitious sheets. 2,741,955, 4-17-56, Cl. 92-40.
- Magnano, Joseph P. *See*—
- Machon, Herbert W., and Magnano. 2,747,034.
- Magnaot, Dominique, J. Carabasse, B. Godeau, and A. Menniesier, to Houilleries du Bassin du Nord et du Pas-de-Calais. Reaction apparatus for continuous operation. 2,738,174, 3-13-56, Cl. 259-96.
- Magnatex Ltd. *See*—
- Tomlin, Robert D. 2,752,894.
- Magnesal Co. *See*—
- Magnesen, Charles D. 2,748,976.
- Magnesen, Charles D., to Magnesal Co. Closures. 2,748,976, 6-5-56, Cl. 220-60.
- Magnesen, Charles D., to Magnesal Seal and Closure Co. Automatic capping machine. 2,762,177, 9-11-56, Cl. 53-128.
- Magnesal Seal and Closure Co. *See*—
- Magnesen, Charles D. 2,762,177.
- Magnesium Elektron Ltd. *See*—
- Emley, Edward F. 2,742,355.
- Emley, Edward F., and Unsworth. 2,745,741.
- Higgins, William F. 2,768,199.
- Hock, Alfred L. 2,745,716.
- Jessup, Alfred C. 2,750,288.
- Magness, Albert H. Comfort stall structure for cows. 2,737,922, 3-13-56, Cl. 119-14.03.
- Magnetherm Corp. *See*—
- McArthur Bruce E. 2,748,240.
- Magnetic Amplifiers, Inc. *See*—
- Goldsmith, Harold A., Herz, and Gutterman. 2,737,599.
- Magnetic Analysis Corp. *See*—
- Foerster, Fritz. 2,758,276.
- Magnetic Equipment, Inc. *See*—
- Hare, Donald G. C. 2,768,243.
- Magnetic Heating Corp. *See*—
- Rudd, Wallace C., and Stanton. 2,763,756.
- Rudd, Wallace C., and Stanton. 2,774,857.
- Magnetic Seal Corp. *See*—
- Stevenson, Robert. 2,753,414.
- Magnetics Inc. *See*—
- Tekosky, Morris G. 2,758,162.
- Magnetorque Couplings Ltd. *See*—
- Zozulin, Igor V., Okulich, and Ellett. 2,745,975.
- Zozulin, Igor V., G. J. and V. J. Okulich, Volkoff, and Ellett. 2,757,438.
- Magnetrol, Inc. *See*—
- Binford, Benjamin L. 2,736,013.
- Magnus, Finn H., to Magnus Harmonica Corp. Toy bagpipe. 2,737,074, 3-6-56, Cl. 54-75.
- Magnus, Finn H. Method for producing plastic encased articles. 2,747,230, 5-29-56, Cl. 18-59.
- Magnus Harmonica Corp. *See*—
- Magnus, Finn H. 2,737,074.
- Magnuski, Henry, to Motorola, Inc. Communication system with carrier strength control. 2,734,131, 2-7-56, Cl. 250-15.
- Magnuson, Alfred V., and A. Kafka, to Pettibone Mulliken Corp. Control mechanism for core blowers. 2,759,229, 9-21-56, Cl. 250-15.
- Magnuson, Carl E. *See*—
- Badavay, Charles A., and Magnuson. 2,758,752.
- Magnuson, Carl E., to General Mills, Inc. Stock feeding and distributing mechanism. 2,758,699, 8-14-56, Cl. 198-53.
- Magnuson, Carl V., to the United States of America as represented by the Secretary of the Navy. Alarm initiating circuit for radac system. 2,730,701, 1-10-56, Cl. 340-213.
- Magnuson, Elton E. Apparatus and method for making reinforced sheet material. 2,772,718, 12-4-56, Cl. 154-1.76.
- Magnuson, Elton E. Reinforced laminated sheet. 2,772,993, 12-4-56, Cl. 154-52.
- Magnuson Engineers *See*—
- Lightfoot, Jackson K. 2,738,816.
- Magnuson, Roy M. *See*—
- Lightfoot, Jackson K. 2,738,816.
- Magnusson, David D. *See*—
- Magnusson, David S., and D. D. 2,737,190.
- Magnusson, David S., and D. D. Liquid container and comb used therewith. 2,737,190, 3-6-56, Cl. 132-114.
- Magnusson, Folke G. R., to A. B. Svenska Flaktfabriken. Apparatus for treatment, especially heat treatment of a fibrous piece-like material. 2,761,658, 9-4-56, Cl. 259-106.
- Magor Car Corp. *See*—
- Lunde, Einar O. 2,745,359.
- Lunde, Einar O. 2,745,360.
- Lunde, Einar O. 2,745,361.
- Lunde, Einar O. 2,745,362.
- Magovern, Robert L. *See*—
- Courter, Martin I., and Magovern. 2,750,398.
- Magram, Sidney J. Gel breakers of heavy metal soap gels. 2,774,740, 12-18-56, Cl. 252-326.
- Magram, Sidney J., to the United States of America as represented by the Secretary of the Army. Method of colored clouds by explosive dispersion. 2,775,515, 12-25-56, Cl. 52-23.
- Magrane, John K., and W. S. Sloatman, Jr., to American Cyanamid Co. Amminate and resinous composition. 2,773,788, 12-11-56, Cl. 12-43.
- Magrath, Richard A., to the United States of America as represented by the Secretary of the Navy. Mounting base for bolometer. 2,731,533, 1-17-56, Cl. 201-63.
- Magnum, Genesee M., to Mundet Cork Corp. Case shaker. 2,766,973, 10-16-56, Cl. 259-56.
- Mahaffy, Reid A., to Standard Packaging Corp. Bag sealing machine. 2,740,243, 4-3-56, Cl. 53-95.
- Mahaffy, Reid A., to Standard Packaging Corp. Food package. 2,756,154, 7-24-56, Cl. 99-171.
- Mahan, John E. *See*—
- Goodhue, Lyle D., and Mahan. 2,735,225.
- Scott, Cleveland R., Ayers, and Mahan. 2,771,737.
- Mahan, John E., to Phillips Petroleum Co. Production of substituted pyridines. 2,742,474, 4-17-56, Cl. 260-290.
- Mahan, John E., to Phillips Petroleum Co. Fuel compositions. 2,758,916, 8-14-56, Cl. 44-69.
- Mahan, John E., to Phillips Petroleum Co. Production of alkenyl pyridines. 2,769,811, 11-6-56, Cl. 260-290.
- Mahan, John E., to Phillips Petroleum Co. Production of substituted pyridines. 2,775,596, 12-25-56, Cl. 260-290.
- Mahan, John E., and M. F. Potts, to Phillips Petroleum Co. Stabilization of polymerizable heterocyclic nitrogen compounds. 2,732,877, 1-24-56, Cl. 260-290.



- Mahan, John E., and C. E. Stoops, to Phillips Petroleum Co. Making substituted pyridines. 2,749,348, 6-5-56, Cl. 260-290.
- Mahan, John E., and C. E. Becker, to Phillips Petroleum Co. Process for the production of alkyl pyridines. 2,766,248, 10-9-56, Cl. 260-290.
- Mahan, John E., and R. A. Stahl, to Phillips Petroleum Co. Inhibiting corrosion of ferrous metals. 2,769,690, 11-6-56, Cl. 23-157.
- Mahan, Norman C., 24 1/2 % to J. A. Anderson, and 24 1/2 % to D. P. Anderson. Venetian blind. 2,751,000, 6-19-56, Cl. 100-115.
- Mahand, Jack D. Pinion hub. 2,741,929, 4-17-56, Cl. 74-431.
- Mahasco Industries, Inc.: See—  
Rice, Walter A. 2,766,506.
- Maher, Albert J.: See—  
Cleveland, Roger S., and Maher. 2,746,686.
- Maher, Charles H. Coupling for coaxial high frequency transmission lines. 2,745,065, 5-8-56, Cl. 333-6.
- Maher, Francis X., Jr.: See—  
Demeter, Geza, Johnson, and Maher. 2,759,232.
- Maher, Ives B. Collapsible shoe shine box. 2,728,935, 1-3-56, Cl. 1-265.
- Maher, Joseph L.: See—  
Glasgow, Clarence O., and Maher. 2,732,070.  
Glasgow, Clarence O., and Maher. 2,738,026.
- Maher, Richard A., and C. C. Pfitzer, to Avco Mfg. Corp. Television receiver circuit. 2,745,899, 5-15-56, Cl. 178-5.4.
- Maher, William W., to American Can Co. Blank stacking mechanism with blank intercepting elements. 2,765,167, 10-2-56, Cl. 271-86.
- Maher, Harry H. Coated paper. 2,741,564, 4-10-56, Cl. 117-87.
- Mahler, Joseph, to American Optical Co. Photographic color process. 2,759,818, 8-21-56, Cl. 95-2.
- Mahler, Martin: See—  
Wagner, Cyril D. 2,758,770.
- Mahlie, Oscar W. Magnetic lid holder for containers. 2,761,717, 9-4-56, Cl. 292-251.5.
- Mahlkuch, Eva. Method of and apparatus for processing materials. 2,738,063, 3-13-56, Cl. 209-28.
- Mahlouf, Salomon K., 25% to F. C. Tenzer. Adjustable wrench. 2,769,990, 11-6-56, Cl. 160-21.
- Mahn, Holbrook, to Band-It Co. Pressure clamps. 2,746,107, 5-22-56, Cl. 24-23.
- Maho, Jacques. Apparatus for aerating and drying granular materials. 2,737,878, 3-18-56, Cl. 98-55.
- Mahoney, Clarence L.: See—  
Thorpe, Roy E., Moore, and Mahoney. 2,756,197.
- Mahoney, Donald G., to General Motors Corp. Mold coat. 2,755,192, 7-17-56, Cl. 106-38.23.
- Mahoney, Edward H., to Seismograph Service Corp. Radio location system. 2,739,714, 1-10-56, Cl. 343-105.
- Mahoney, Frank D. Bayonet type conduit coupling with spring detent. 2,765,189, 10-2-56, Cl. 285-87.
- Mahoney, Roland F.: See—  
Hall, Joseph T., and Mahoney. 2,759,521.
- Mahr, Julius A., to H. R. Nielsen. Combined folding table and dolly. 2,730,372, 1-10-56, Cl. 280-30.
- Mahr, Julius A., to H. R. Nielsen. Means for holding a toggle joint in buckled adjustment. 2,739,861, 3-27-56, Cl. 311-94.
- Maickel, Joseph A., 1/2 to J. Truzzolino. Tamale making machine. 2,764,108, 9-25-56, Cl. 107-1.
- Maico Co., Inc., The: See—  
Elroy W. 2,731,586.
- Gelb, Robert L., and Pennie. 2,731,614.
- Gelb, Robert L., and Wiley. 2,733,302.
- Walters, Warren R. 2,754,365.
- Malden Ford Brassiere Co., Inc.: See—  
Braun, Carl C. 2,732,937.
- Rosenthal, William. 2,763,008.
- Rosenthal, William, and Silvani. 2,764,761.
- Maid-O'-Mist, Inc.: See—  
Woolley, William J. 2,768,648.
- Maier, Albert O. Schwab, and J. Kiechle, to Zahnradfabrik Friedrichshafen Aktiengesellschaft. Transmission for motor vehicles. 2,772,581, 12-4-56, Cl. 74-732.
- Maier, Erwin. Mechanically operated multi-story garage. 2,731,160, 1-17-56, Cl. 214-16.1.
- Maier, Karl W., to the United States of America as represented by the Secretary of the Army. Motion analyzer. 2,766,931, 10-16-56, Cl. 236-61.
- Maier, Michael W., to Malleable Iron Range Co. Stove construction. 2,731,011, 1-17-56, Cl. 126-191.
- Maier, Minnie. Casing filler aid for a sausage and food stuffer. 2,754,538, 7-17-56, Cl. 17-41.
- Maier, William. Upright outlet box support. 2,736,527, 2-28-56, Cl. 248-298.
- Malhak, H. Aktiengesellschaft: See—  
Knoll, Werner. 2,747,407.
- Knoll, Werner, and Biedendieck. 2,750,796.
- Maile, Evangelino. Train control apparatus. 2,769,900, 6-6-56, Cl. 246-182.
- Mailhot, John E.: See—  
Brown, William R., and Mailhot. 2,740,443.
- Maillard, Bernard, to Society "Brevets Aero-Mecaniques," S. A. Belt feed mechanisms for automatic firearms. 2,750,845, 6-19-56, Cl. 89-33.
- Maillard, Bernard, to Society "Brevets Aero-Mecaniques," S. A. Cartridge magazines for automatic firearms. 2,756,637, 7-31-56, Cl. 89-33.
- Maillard, Bernard, to Society "Brevets Aero-Mecaniques," S. A. Automatic firearms fed with cartridges by means of flexible belts, especially for use on aircraft. 2,756,638, 7-31-56, Cl. 89-33.5.
- Maillard, Bernard, to Society "Brevets Aero-Mecaniques," S. A. Breech block locking means. 2,756,640, 7-31-56, Cl. 89-187.
- Maillard, Bernard, and L. Ambrosini, to Society "Brevets Aero-Mecaniques," S. A. Artillery installations for firing on moving targets. 2,764,916, 10-2-56, Cl. 89-41.
- Maillard, Edmund B., to The Fibre Metal Products Co. Device for connecting face protective equipment to skull-guards. 2,759,188, 8-21-56, Cl. 2-10.
- Mailsort Inc.: See—  
Gleason, Frederick C. 2,758,163.
- Maiman, Herbert. Spark arrester. 2,736,541, 2-28-56, Cl. 261-126.
- Maiman, Herbert A., 1/2 to H. R. Mandell. Separable fasteners. 2,769,221, 11-6-56, Cl. 214-216.
- Main, Benjamin A., Jr., to Aeroquip Corp. Fitting for reinforced hose. 2,731,279, 1-17-56, Cl. 285-86.
- Main, Delbert C. Power transmission mechanisms. 2,753,729, 7-10-56, Cl. 74-377.
- Main, James W., to Container Corp. of America. Stacking paperboard container. 2,757,853, 8-7-56, Cl. 229-39.
- Main, John B., Jr. Airplane sign. 2,764,831, 10-2-56, Cl. 40-127.
- Main Products Corp.: See—  
Seiler, Arthur J. 2,748,044.
- Maine, James F., to The Consolidated Iron-Steel Mfg. Co. Method of making a cooking vessel and handle thereon. 2,746,143, 5-22-56, Cl. 29-529.
- Maine Steel Corp.: See—  
Soule, George C. 2,756,520.
- Mains, Charles V. Genito-urinary appliances. 2,759,477, 8-21-56, Cl. 128-295.
- Mains, John T.: See—  
Brown, Frances and H. A. 2,735,321.
- Mainz, Felix J.: See—  
Koster, Melvin C., and Mainz. 2,734,626.
- Maioirino, Philip G. Window shade. 2,766,820, 10-16-56, Cl. 160-130.
- Mair, James, to Goslin-Birmingham Mfg. Co. Evaporating process. 2,744,571, 5-3-56, Cl. 15-47.
- Mair, James, to Goslin-Birmingham Mfg. Co. Catchall separator for an evaporator. 2,765,871, 10-9-56, Cl. 183-91.
- Maire, Aurele, to Gruen Watch Mfg. Co. S. A. Winding indicator for a self-winding watch. 2,761,274, 9-4-56, Cl. 58-85.
- Mairs, Thomas G.: See—  
Dussell, Henry R., Mairs, and Hennessey. 2,749,014.
- Maish, Oliver. Metering pump. 2,764,100, 9-25-56, Cl. 103-118.
- Maisel, Daniel S.: See—  
Leary, Robert F., Welch, and Maisel. 2,742,411.
- Maisel, Daniel S., to Esso Research and Engineering Co. Extractive distillation sludge control process. 2,746,911, 5-55-56, Cl. 202-39.5.
- Maisel, Daniel S., to Esso Research and Engineering Co. Adsorption process. 2,754,343, 7-10-56, Cl. 260-674.
- Maisel, Daniel S., and B. I. Smith, to Esso Research and Engineering Co. Purification of a benzene fraction and liquid phase clay treatment and distillation to remove resultant polymers. 2,733,286, 1-31-56, Cl. 260-874.
- Maish, George O.: See—  
Nieman, Henry W., and Maish. 2,739,503.
- Maister, Hams G., to the United States of America as represented by the Secretary of Agriculture. Treatment of extraction liquors from poppy straw. 2,752,530, 6-26-56, Cl. 260-285.
- Maidland, Francis A. Tensioning device. 2,757,882, 8-7-56, Cl. 242-156.
- Majauskas, Charles J. Ventilator for water closet. 2,759,197, 8-21-56, Cl. 4-213.
- Majercak, John V., to Jack & Heintz, Inc. Output means square sensing for magnetic output voltage regulator. 2,762,968, 9-11-56, Cl. 323-89.
- Majestic Co., Inc., The: See—  
Triggs, Kenneth F. 2,739,547.
- Triggs, Kenneth F. 2,748,728.
- Majestic Creations, Inc.: See—  
Karp, Albert E. 2,760,674.
- Majestic Metal Specialties, Inc.: See—  
Kadan, Nathan. 2,746,662.
- Kadan, Nathan. 2,775,280.
- Majik-Ironers, Inc.: See—  
Foster, Edwin E. 2,784,259.
- Foster, Edwin E. 2,772,086.
- Majkrzak, Charles P.: See—  
Dorney, Patrick E., and Majkrzak. 2,738,441.
- Majkrzak, Charles P., to International Telephone and Telegraph Corp. Electron gun. 2,740,913, 4-3-56, Cl. 313-82.
- Majkrzak, Charles P., to International Telephone and Telegraph Corp. Point contact device for high voltage radio frequency apparatus. 2,773,964, 12-11-56, Cl. 200-166.
- Major, Freeman C., 50% to J. J. Keplinger. Disinfectant dispenser. 2,736,039, 2-28-56, Cl. 4-227.
- Major Distributing Co.: See—  
Bloser, William H. 2,747,354.
- Major, Philippe J. Safety hydraulic brake system. 2,762,199, 9-11-56, Cl. 60-54.6.
- Makela, Hilda S. Container closure. 2,763,392, 9-18-56, Cl. 215-41.

- Makepeace, D. E., Co.: *See*—  
Van Dernoof, Leo W. 2,738,951.
- Maker, Frank L., to the United States of America as represented by the United States Atomic Energy Commission. Vessel head reinforcing ring and method of pre-stressing 2,754,993, 7-17-56, Cl. 220-71.
- Maki, Arnie L.: *See*—  
Bonnett, Harold D. 2,742,911.
- Maki, Bunro, and T. Ushikoshi; said Ushikoshi assor. to said Maki. Feeds containing animal protein factors, vitamin B<sub>12</sub> and other growth-promoting factors. 2,773,770, 12-11-56, Cl. 99-9.
- Maki, Jacob V. Cable guides for crane booms. 2,754,011, 7-10-56, Cl. 212-1.
- Maki, Wilho I. Ventilator for vehicle body. 2,750,864, 6-19-56, Cl. 98-2.
- Makovsky, Stephen A.: *See*—  
Germany, Norman V., and Makovski. 2,772,658.
- Makow, David M. Electronic circuits for generation of oscillation, frequency conversion, and other functions. 2,773,179, 12-4-56, Cl. 250-20.
- Makower, Rachel U., and S. Schwimmer, to the United States of America as represented by the Secretary of Agriculture. Method of inhibiting the browning of plant tissue. 2,738,280, 3-13-56, Cl. 99-154.
- Makris, Peter G.: *See*—  
Zervos, Spiros G., and Makris. 2,748,983.
- Malachuk, Steven. Turn signal switch. 2,753,409, 7-3-56, Cl. 200-61.27.
- Malachowski, Frank. Body and head guard. 2,756,429, 7-31-56, Cl. 2-2.
- Malafarina, Aldo: *See*—  
Filippi, Alberto, and Malafarina. 2,768,946.
- Malamoud, Georges, and M. Rubli, to Holding Interco S. A. Hydraulic press for producing coated electrode rods. 2,773,283, 12-11-56, Cl. 18-13.
- Malan, George J. Vibrator 2,743,090, 4-24-56, Cl. 259-1.
- Malchow, Max E., to Radio Corp. of America. Crystal controlled oscillator circuit. 2,751,498, 6-19-56, Cl. 250-36.
- Malcolm, Donald W., to Latex Laboratories, Inc. Wire holder for fiber milk bottles. 2,755,977, 7-24-56, Cl. 224-45.
- Malcolm, Francis E. Door buffer. 2,759,341, 3-27-56, Cl. 16-82.
- Malcolm, Harold O., and W. A. Hagerbaumer, to Socony Mobil Oil Co., Inc. Apparatus for pneumatically lifting granular contact material. 2,772,123, 11-27-56, Cl. 302-53.
- Malcolm, Robert H., to International Harvester Co. Pump drive and lubrication. 2,762,349, 9-11-56, Cl. 123-41.86.
- Malcolm, Robert H., to International Harvester Co. Crankcase ventilating means. 2,771,065, 11-20-56, Cl. 23-41.86.
- Malcolm, Robert J. Method of manufacturing electrical circuit components. 2,772,501, 12-4-56, Cl. 41-37.
- Malcolm, Vincent T., to The Chapman Valve Mfg. Co. Cobalt base alloy. 2,771,360, 11-20-56, Cl. 75-171.
- Malcom, Robert J., to Chicago Eye Shield Co. Spectacles. 2,730,012, 1-10-56, Cl. 88-47.
- Malcom, Robert, Jr., to Chicago Eye Shield Co. Goggle assembly. 2,761,145, 9-4-56, Cl. 2-14.
- Malcom, Robert, Jr., and W. Z. Whipple, to Chicago Eye Shield Co. Fume and mist respirator with ring means for removably mounting the filters. 2,744,523, 5-8-56, Cl. 128-146.
- Male, Milton, to United States Steel Corp. Gutter board for building composed of prefabricated panels. 2,755,893, 7-24-56, Cl. 159-1.
- Malek, Mitchell F. Safety book match cover. 2,763,368, 9-18-56, Cl. 206-29.
- Malew Engineering Ltd.: *See*—  
Wilshaw, Fred H. 2,765,034.
- Malfeld, Otto: *See*—  
Franke, Georg, and Malfeld. 2,729,036.
- Malherbe, Roger F. D.: *See*—  
Navarre, Roger F. D. 2,763,814.
- Malbitt, Clarence H., to F. B. Redington Co. Package filling machine. 2,729,380, 3-3-56, Cl. 226-102.
- Malbitt, Clarence J., to F. B. Redington Co. Package stacking mechanism. 2,754,980, 7-17-56, Cl. 214-6.
- Malin, Thomas J.: *See*—  
Kovack, Charles G. 2,731,528.
- Mallick, Emil A., to Phillips Petroleum Co. Rocket engine control. 2,743,577, 5-1-56, Cl. 60-39.09.
- Mallick, Emil A., to Phillips Petroleum Co. Temperature rise regulator for continuous combustion power plants. 2,761,284, 9-4-56, Cl. 60-39.28.
- Mallick, Emil A., to Phillips Petroleum Co. Turbojet idle-speed control. 2,772,728, 12-4-56, Cl. 158-36.
- Malick, Franklin S.: *See*—  
Gifford, Joseph H., and Malick. 2,769,129.
- Malick, Franklin S., to Westinghouse Electric Corp. Magnetic amplifier motor speed control. 2,735,060, 2-14-56, Cl. 318-331.
- Malick, Franklin S., to Westinghouse Electric Corp. Magnetic amplifiers. 2,723,512, 12-4-56, Cl. 323-69.
- Mallick, Franklin S., to Westinghouse Electric Corp. Motor control system. 2,774,022, 12-11-56, Cl. 318-207.
- Malik, John P.: *See*—  
Schmidt, Arnold W., and Malik. 2,737,702.
- Malina, Frank J., and J. W. Parsons, to Aerojet-General Corp. Rocket propulsion method. 2,771,739, 11-27-56, Cl. 60-35.4.
- Malina, Frank J., and J. W. Parsons, to Aerojet-General Corp. Rocket propulsion method. 2,774,214, 12-18-56, Cl. 60-35.4.
- Maliniak, Samuel. Stand for supporting the upper bowl of a vacuum type coffee maker. 2,739,466, 3-27-56, Cl. 65-65.
- Malinite Corp.: *See*—  
Snoddy, John H. 2,741,008.
- Maliphant, Gordon K., P. Oxley, and D. A. Peak, to Boots Pure Drug Co. Ltd. N-(2-naphthyl) amidinoalkanes. 2,736,748, 2-28-56, Cl. 260-564.
- Malkemus, John D.: *See*—  
Bell, John B. Jr., and Malkemus. 2,755,286.
- Malkemus, John D., to Jefferson Chemical Co., Inc. Process for isolation of alkylene carbonates. 2,766,258, 10-9-56, Cl. 260-340.2.
- Malko, Steven. Oil container and dispenser. 2,729,364, 1-3-56, Cl. 292-211.
- Malkoff, Hyman, to Kramer Trenton Co. Fluid flow controlling device. 2,745,254, 6-15-56, Cl. 62-3.
- Malkoff, Hyman, and O. J. Nussbaum, to Kramer Trenton Co. Means for controlling high side pressure in refrigerating systems. 2,761,287, 9-4-56, Cl. 62-3.
- Mall Tool Co.: *See*—  
Bracke, Robert F. 2,774,582.
- Mallach, Luther F. Electrical wire puller. 2,755,066, 7-17-56, Cl. 254-134.3.
- Mallatt, Russell C.: *See*—  
Gordon, Moses, and Mallatt. 2,754,251.
- Malleable Iron Fittings Co.: *See*—  
Jenne, Kenneth C. 2,762,061.
- Jenne, Kenneth C. 2,762,595.
- Malleable Iron Range Co.: *See*—  
Maier, Michael W. 2,731,011.
- Mallory, Paul, to Bell Telephone Laboratories, Inc. Gas diode translator. 2,743,510, 4-24-56, Cl. 179-18.
- Malley, Thomas J.: *See*—  
Ashley, Kenneth D., Innes, and Malley. 2,768,125.
- Mallin, Ralph J. Devices for transferring magnetic materials. 2,760,899, 8-29-56, Cl. 294-65.5.
- Mallin, Ralph J., to Bell Telephone Laboratories, Inc. Wire connecting tool. 2,743,503, 5-1-56, Cl. 29-33.
- Mallina, Rudolph F., to Bell Telephone Laboratories, Inc. Code tape perforators. 2,744,578, 5-8-56, Cl. 164-115.
- Mallina, Rudolph F., to Bell Telephone Laboratories, Inc. Wound electrical connection. 2,759,168, 8-14-56, Cl. 339-276.
- Mallinckrodt Chemical Works: *See*—  
De La Mater, George B. 2,732,401.
- Mallinckrodt, August H., De La Mater, and Patterson. 2,734,917.
- Stoughton, Roger W. 2,775,539.
- Mallinckrodt, George E. Rotary machine. 2,736,328, 2-28-56, Cl. 23-11.
- Mallinckrodt, George E. Drive mechanism for rotary engines and the like. 2,756,728, 7-31-56, Cl. 123-11.
- Mallison, William C.: *See*—  
Hamilton, Richard W., and Mallison. 2,734,059.
- Mallorano, Corp. The: *See*—  
Schwartz, Ralph E. 2,769,741.
- Mallory, George C.: *See*—  
Mattingly, Virdean R., and Mallory. 2,732,809.
- Mallory, John W., to The Parker Stamp Works, Inc. Apparatus for stacking plates. 2,749,120, 6-5-56, Cl. 271-87.
- Mallory, Lester A. Fishing lure. 2,738,534, 2-7-56, Cl. 43-12.5.
- Mallory, Marion. Means for reducing burning, pitting and corrosion of contact points in circuit breakers. 2,734,969, 2-14-56, Cl. 200-144.
- Mallory, P. R., & Co., Inc.: *See*—  
Aust, Robert J., and Newman. 2,758,166.
- Bliss, Joseph A., Lakin, Maxwell, and Schoch. 2,758,258.
- Carlton, George M., and Busch. 2,747,260.
- Crouch, Manford A. 2,758,181.
- Davis, Jerome I. 2,729,740.
- Peck, Gordon V. 2,758,259.
- Puerner, George O., and Twinnam. 2,759,158.
- Reinhardt, Herbert P. 2,747,231.
- Wise, Herman J. 2,738,445.
- Mallory-Sharon Titanium Corp.: *See*—  
Dickinson, Robert H., and Bauer. 2,758,922.
- Mallory, William R. Safety device for hydraulic brake systems. 2,734,342, 2-14-56, Cl. 60-54.5.
- Mallouk, Robert S.: *See*—  
Hahn, Oliver M., and Mallouk. 2,770,842.
- Mallow, Charles. Non-skid tire cover. 2,753,912, 7-10-56, Cl. 15-175.
- Mallory, George M., and S. C. La Bue, to The Warner Bros. Co. Girdle or like garment. 2,761,146, 9-4-56, Cl. 2-37.
- Malloy, Paul V. Valve-actuated fuel injection apparatus. 2,758,577, 8-14-56, Cl. 123-32.
- Malm, Carl J., and C. L. Crane, to Eastman Kodak Co. Manufacture of low viscosity ethyl cellulose phthalate. 2,753,339, 7-3-56, Cl. 260-226.
- Malm, Carl J., and C. L. Crane, to Eastman Kodak Co. Method for the manufacture of mixed cellulose esters of lower fatty acids and dicarboxylic acids. 2,768,161, 10-23-56, Cl. 260-225.
- Malm, Carl J., and L. W. Blanchard, Jr., to Eastman Kodak Co. Method of preparing cellulose acetate. 2,772,266, 11-27-56, Cl. 260-227.
- Malm, Carl J., and C. L. Crane, to Eastman Kodak Co. Precipitation of hydrolyzed cellulose acetate. 2,772,267, 11-27-56, Cl. 260-230.
- Malmquist, Ake H.: *See*—  
Hardt af Segerstad, Carl-Gustaf, and Malmquist. 2,729,968.



- Malmrose, John P.: *See—*  
Walterman, Fredrick H., and Malmrose. 2,755,895.  
Malmström, Carl G. Lifting arrangement for loading vehicles. 2,774,494, 12-18-56, Cl. 214-77.  
Malmstrom Chemical Corp.: *See—*  
Sunde, Conrad J. 2,758,125.  
Malnick, Helene V. Method for ironing flatwork. 2,759,277, 8-21-56, Cl. 38-2.  
Malone, Byrne A.: *See—*  
Busch, Edward W., Shank, and Malone. 2,766,929.  
Malone, Charles J. Telephone handset holder. 2,760,682, 11-13-56, Cl. 179-150.  
Malone, Grover C. Marquee. 2,741,811, 4-17-56, Cl. 5.  
Malone, Harold L.: *See—*  
Marvin, Edgar S., and Malone. 2,750,858.  
Malone, Homer F., to The Wilcolator Co. Electric control system and operating switch for windshield wiper motors. 2,734,159, 2-7-56, Cl. 318-257.  
Malone, James G. Fire-fighting apparatus and method. 2,757,744, 8-7-56, Cl. 169-4.  
Maloney, Arlie C.: *See—*  
Holm, Ralph L., Dalglisch, Lager, Beer, and Maloney. 2,754,073.  
Maloney, Roy. Portable cabinet structure for automobiles. 2,744,667, 3-8-56, Cl. 224-29.  
Malooof, John J. Portable pens for confining babies and small children. 2,736,041, 2-28-56, Cl. 5-99.  
Maloon, Earl B., to Southwest Welding & Mfg. Co. Compactor. 2,730,935, 1-17-56, Cl. 94-50.  
Malot, Ira M. Starting mechanism for timer. 2,729,288, 1-1-56, Cl. 161-1.  
Malowan, John E., to Monsanto Chemical Co. Water-soluble, nitrogen-phosphorus-containing product and process of making same. 2,749,233, 6-5-56, Cl. 71-42.  
Malpede, Albert J.: *See—*  
Yani, James, and Malpede. 2,758,392.  
Malsbary Mfg. Co., Inc.: *See—*  
Taylor, Walter W. 2,755,820.  
Malsbury, Kenneth C.: *See—*  
Malsbury, William C., W. B., and K. C. 2,754,674.  
Malsbury, William C.: *See—*  
Malsbury, William C., W. B., and K. C. 2,754,674.  
Malsbury, William C., W. B., and K. C. Reinforced concrete beam support. 2,754,674, 7-17-56, Cl. 72-61.  
Malsch, Friedrich K., to International Standard Electric Corp. Visual indicating device for electric voltages. 2,749,465, 6-5-56, Cl. 319-107.5.  
Maltby, Lewis J.: *See—*  
Gerry, Julian E., and Maltby. 2,765,778.  
Malter, Louis, to Radio Corp. of America. Electron discharge devices, including cavity resonators. 2,755,415, 7-1-56, Cl. 315-39.75.  
Malthaner, Sylvester A., to Gunite Foundries Corp. Dual wheel spacer block. 2,757,971, 8-7-56, Cl. 301-36.  
Malz, Joe. Snap on bail. 2,740,655, 4-3-56, Cl. 294-312.  
Malz, Nicholas, to Dormeyer Corp. Cooking utensil. 2,749,427, 6-5-56, Cl. 219-44.  
Malz, Nicholas and R. J. Braski, to Dormeyer Corp. Lignifier having resiliently mounted motor and container. 2,758,623, 8-14-56, Cl. 146-68.  
Mamo, Anthony. Break frame boat trailer. 2,765,941, 10-9-56, Cl. 214-506.  
Mamo, Anthony C., to Borg-Warner Corp. Hydrodynamic coupling. 2,748,745, 6-5-56, Cl. 103-115.  
Mamo, Anthony C., to Borg-Warner Corp. Hydraulic torque converter. 2,755,628, 7-24-56, Cl. 60-54.  
Mancera, Octavio.: *See—*  
Sondheimer, Franz, Djerassi, Rosenkranz, and Mancera. 2,754,379.  
Manchester, Delmar J., to Elox Corp. of Michigan. Automatic hydraulic servo feed for electric arc metal working machines. 2,762,946, 9-11-56, Cl. 314-61.  
Manchester Hosiery Mills.: *See—*  
Gordon, Melvin J. 2,768,385.  
Gordon, Melvin J. 2,769,262.  
Manchester Machine and Tool Co.: *See—*  
Norvok, Raymond E. 2,737,705.  
Manchester, Randall S., to Norton Co. Packaging methods and products. 2,753,992, 7-10-56, Cl. 206-59.  
Manchester, Rowe G. Door lock. 2,768,015, 10-23-56, Cl. 292-337.  
Manchot, Willy, to Henkel & Cie, G. m. b. H. Cleaning composition. 2,739,129, 3-20-56, Cl. 252-89.  
Mancia, Henri.: *See—*  
Mégel, Guillaume E., and Mancia. 2,755,149.  
Mancino, Peter. Mechanism for rocking vehicular wheel. 2,763,169, 9-18-56, Cl. 81-3.  
Mancke, Edgar B., to Bethlehem Steel Co. Treatment of waste sulfate liquor. 2,739,040, 3-20-56, Cl. 23-172.  
Mancke, Edgar B., to Bethlehem Steel Co. Processes for treating metal alloys containing nickel and iron. 2,746,856, 5-22-56, Cl. 75-1.  
Mancke, Edgar B., to Bethlehem Steel Co. Processes for treating materials containing nickel and iron. 2,762,703, 9-11-56, Cl. 75-101.  
Mancke, Edgar B., to Bethlehem Steel Co. Processes for treating nickel bearing iron ores. 2,775,517, 12-25-56, Cl. 75-1.  
Manco Mfg. Co.: *See—*  
Headley, Cyrus E. 2,729,063.  
Manczuk, Frank A., to The Vendo Co. Bottle guide and theft-proof latch for vending machines having bottles arranged in staggered stack relationship. 2,743,037, 4-24-56, Cl. 221-67.  
Mandel, Jacob J. Fishing apparatus. 2,734,300, 2-14-56, Cl. 43-26.1.  
Mandel, Paul, to Societe Nouvelle de L'Outillage R. B. V. et de la Radio-Industrie (R. B. V.-R. I.). Picture analysis and recording devices. 2,775,644, 12-25-56, Cl. 178-7.2.  
Mandell, H. Robert.: *See—*  
Maiman, Herbert A. 2,769,221.  
Mandex Mfg. Co., Inc.: *See—*  
Cullerton, James F., Jr., and Haapoja. 2,767,819.  
Mander, Walter, to Ernst Leitz, G. m. b. H. Reflecting lens objective. 2,730,070, 1-10-56, Cl. 38-57.  
Mandoff, Henry I., to Langley Corp. Fishing reel. 2,773,655, 12-11-56, Cl. 242-84.4.  
Mandrapa, Obren P. Honey extracting machines. 2,732,945, 1-31-56, Cl. 210-65.  
Mandri Mfg. Co.: *See—*  
Mandt, Obert G. 2,742,162.  
Mandt, Obert G., to Mandt Mfg. Co. Loading machine. 2,742,162, 4-17-56, Cl. 214-2.  
Manecke, Siegfried E., to Stevens Mfg. Co. Positive off thermostat. 2,759,068, 8-14-56, Cl. 200-138.  
Manfredi, Robert E., to General Electric Co. Fluid cooled anode. 2,731,244, 1-17-56, Cl. 257-250.  
Manfredi, Robert E., to General Electric Co. Fluid cooling arrangements for electric discharge devices. 2,770,745, 11-15-56, Cl. 2-44.  
Manganelli, Michael A., to Monsanto Chemical Co. Process for polymerizing vinyl chloride. 2,772,256, 11-27-56, Cl. 260-92.8.  
Manganelli, Michael A., to Monsanto Chemical Co. Process for polymerizing vinyl chloride. 2,772,257, 11-27-56, Cl. 260-92.8.  
Manganelli, Michael A., to Monsanto Chemical Co. Process for polymerizing vinyl chloride. 2,772,258, 11-27-56, Cl. 260-92.8.  
Manganese Chemicals Corp.: *See—*  
Rabbitt, Bernard R., and Welsh. 2,739,914.  
Welsh, Jay Y. 2,750,256.  
Welsh, Jay Y., and Holmes. 2,757,071.  
Welsh, Jay Y., and Holmes. 2,758,012.  
Manger, Charles F., to The Bentley Engineering Co. Ltd. Independent-needle circular knitting machine. 2,737,793, 3-19-56, Cl. 66-14.  
Mangnall, Alvin R. Cluster-buster, fruit thinning tool. 2,772,514, 12-4-56, Cl. 47-1.  
Manhart, Charles E., and W. G. Beronet. Floating signal light. 2,765,481, 10-9-56, Cl. 9-83.  
Manhattan Engineering, Albert, to Worcester Pressed Steel Co. Inflating device. 2,736,462, 2-28-56, Cl. 222-5.  
Manhattan Pickle Co., Inc., The.: *See—*  
Weinberg, Herman. 2,760,462.  
Manheim Mfg. and Belting Co.: *See—*  
Wikler, Park J., Jr. 2,756,604.  
Manier, Francis B. Retractable ceiling ladder. 2,765,970, 10-9-56, Cl. 228-50.  
Mannier, George. Car unloader. 2,743,025, 4-24-56, Cl. 214-44.  
Manifattura Italiana di Scardassi.: *See—*  
Freno, Giuseppe. 2,756,993.  
Manifolia Ltd.: *See—*  
Davies, Herbert V. 2,768,625.  
Maninger, Ralph C., to Vitro Corp. of America. Continuous automatic gas analyzer. 2,768,370, 10-23-56, Cl. 340-237.  
Manion, Charles H.: *See—*  
Boyd, Thomas J. 2,774,320.  
Manion, Charles H., and T. J. Boyd. Apparatus for elevating and delivering articles. 2,733,826, 2-7-56, Cl. 214-715.  
Manis, James V. Stable water jet hull. 2,745,370, 5-15-56, Cl. 115-16.  
Manis, Joseph J. External coolant bag for vehicle radiators. 2,754,868, 7-17-56, Cl. 150-21.  
Maniscalco, Pietro, Sr. Air conditioner. 2,759,713, 8-21-56, Cl. 261-14.  
Manitowoc Engineering Corp.: *See—*  
Beduhn, Daniel E. 2,759,346.  
Manizza, Guelfo A.: *See—*  
Van Rosen, Robert E., and Manizza. 2,753,103.  
Mank, Raymond A. Tire chains. 2,762,412, 9-11-56, Cl. 152-213.  
Manke, George H., to McGraw Electric Co. Apparatus for indicating age of insulation. 2,730,706, 1-10-56, Cl. 340-253.  
Manke, Gustave L., to Veeder-Root Inc. Internal transfer mechanism. 2,753,116, 7-3-56, Cl. 235-139.  
Mankerviss, George L., Co.: *See—*  
Converse, Vernon G., III, and Cline. 2,742,305.  
Mankiewicz, Chester V.: *See—*  
Crowell, Arnold B., Reitfort, and Mankiewicz. 2,770,185.  
Mankin, Paul A., G. J. Klopstein, and J. E. Doelling, to Bowser, Inc. Fuel handling system. 2,731,171, 1-17-56, Cl. 222-26.  
Mankoff, Fred J. Rotor for hammermill. 2,763,439, 9-18-56, Cl. 241-19.  
Manley, Everett R. Apparatus for testing motor windings. 2,759,145, 8-14-56, Cl. 324-51.  
Manley, Fred A., to General Dynamics Corp. Loudspeaker. 2,761,913, 9-4-56, Cl. 179-115.5.

- Manley, Inc.: *See*—  
Hodge, Walter D., 2,770,502.  
Waas, Samuel M., 2,729,416.  
Waas, Samuel M., 2,733,841.  
Waas, Samuel M., 2,738,156.  
Waas, Samuel M., 2,735,720.  
Manley, Robert E., to The Manley Co. Solvent extraction of oil, 2,745,790, 5-15-56, Cl. 196—14.26.  
Manley, Robert T.: *See*—  
Menning, Ralph H., and Manley, 2,772,022.  
Manley, William O.: *See*—  
Glover, William C., Jr., and Manley, 2,748,619.  
Manley, William O., to Bill Glover, Inc. Automatic feeder for washing machines, 2,762,527, 9-11-56, Cl. 222—117.  
Mann, Alan N.: *See*—  
De Jahn, Fredrik W., 2,735,751.  
Mann, Alfred B.: *See*—  
Rock, Frank C., and Mann, 2,754,718.  
Mann, Bertram H., and L. M. Goodridge, to ACF Industries, Inc. Induction system for V-8 engines, 2,762,350, 9-11-56, Cl. 123—55.  
Mann, Charles A.: *See*—  
Clarke, Walter W. H., and Mann, 2,748,234.  
Mann, Charles J. Actuators, 2,744,499, 5-8-56, Cl. 121—38.  
Mann, Charles J. Sludge-repelling collect, 2,760,781, 8-29-56, Cl. 279—41.  
Mann, Dora S.: *See*—  
Mann, Jesse L., 2,763,091.  
Mann, Ernst, to Hartford National Bank and Trust Co., as trustee. Circuit comprising an arc-discharge tube, 2,738,842, 2-28-56, Cl. 315—263.  
Mann, Estie R.: *See*—  
Bettis, Edward S., and Mann, 2,743,342.  
Mann, Franz J., to Siemens-Planawerke Aktiengesellschaft fur Kohlelektrolyse. Metal-impregnated heating rods for electric furnaces and method of making same, 2,765,881, 2-21-56, Cl. 13—25.  
Mann, Gerhard. Ampulla structure, 2,771,071, 11-20-56, Cl. 128—232.  
Mann, Godfrey E., to the United States of America as represented by the Secretary of Agriculture. Acylated proteins, 2,729,628, 1-3-56, Cl. 260—123.5.  
Mann, Grover C., and L. Acton. Window awnings, 2,752,645, 7-3-56, Cl. 20—57.5.  
Mann, Herman L. Alloy, 2,761,778, 9-4-56, Cl. 75—171.  
Mann, Jesse L., deceased, by D. S. Mann, administratrix,  $\frac{1}{2}$  to W. J. Winn, and  $\frac{1}{2}$  to B. E. Winn. Roach box, 2,763,091, 9-18-56, Cl. 43—55.  
Mann, Julia I. Swimming belt, 2,751,611, 6-26-56, Cl. 8—17.  
Mann, Julius W., and G. F. Russell. Immersion high frequency heating apparatus and method, 2,761,940, 9-4-56, Cl. 219—10.41.  
Mann, Leonard J., to General Motors Corp. Refrigerating apparatus, 2,732,722, 1-24-56, Cl. 312—214.  
Mann, Leonard J., to General Motors Corp. Refrigerating apparatus having air circulating means, 2,737,783, 8-13-56, Cl. 62—103.  
Mann, Leonard J., M. Murphy, and V. G. Sharpe, to General Motors Corp. Refrigerating apparatus with air baffle, 2,735,274, 2-21-56, Cl. 62—103.  
Mann, Oliver, and R. B. Thomas, to Sylvania Electric Products Inc. Apparatus for forming lamp filaments, 2,759,498, 8-4-56, Cl. 149—71.5.  
Mann, Oscar H. Cutter head for metal-casting molds, 2,751,646, 6-26-56, Cl. 22—38.  
Mannbro, Nils V.: *See*—  
Nelson, Bjorn A., and Mannbro, 2,738,270.  
Mannbro, Nils V. Method of introducing sulfite waste liquor into the alkali recovery process in the manufacture of alkaline cellulose, 2,734,037, 2-7-56, Cl. 252—183.  
Manne, Richard S.: *See*—  
Cornell, Hampton G., Manne, Shepherd, and Souby, 2,775,544.  
Manners, John V. Can package, 2,758,711, 8-14-56, Cl. 206—65.  
Mannesmann Aktiengesellschaft: *See*—  
Naeser, Gerhard, 2,746,741.  
Manngrn, Ragnar. Bicycle trailer, 2,756,069, 7-24-56, Cl. 280—204.  
Mannheimer, Albert: *See*—  
Block, Aleck, and Mannheimer, 2,769,344.  
Mannheimer, David, to Sperry Rand Corp. Frequency control circuits, 2,755,383, 7-17-56, Cl. 250—36.  
Mannheimer, Hans S. Substitution derivatives of imidazole alkaline quaternary ammonium hydroxide and process of preparing same, 2,773,268, 12-4-56, Cl. 260—369.6.  
Manning, Clarence R., and N. C. Stenko, to International Business Machines Corp. Record controlled printing mechanism, 2,761,381, 9-4-56, Cl. 101—93.  
Manning, Clyde E., to The Standard Oil Co. Coke removal drilling rig, 2,761,160, 9-4-56, Cl. 15—104.07.  
Manning, Dave M. Vertically adjustable truck trailer, 2,759,737, 8-21-56, Cl. 280—44.  
Manning, Douglas H., to Tex Tan of Yoakum. Stirrup leather attaching means for saddles, 2,730,853, 1-17-56, Cl. 54—46.  
Manning, Earl, Jr., to Shell Development Co. Contacting fluids with entrainment and inertia separation, 2,772,748, 12-4-56, Cl. 183—22.  
Manning, Edward V., E. C. Breinig, and J. J. Witkiewicz, to Bendix Aviation Corp. Bearing lubrication system, 2,762,664, 9-11-56, Cl. 308—76.  
Manning, Eugene S., Sr. Milk bottle tap, 2,751,119, 6-19-56, Cl. 222—81.  
Manning, Fred W. Horticultural fabrics, 2,749,964, 6-12-56, Cl. 154—1.  
Manning, Fred W. Filamentary reinforcements, 2,749,965, 6-12-56, Cl. 154—1.  
Manning, Fred W. Method and apparatus for making non-woven fabric, 2,750,317, 6-12-56, Cl. 154—101.  
Manning, James W. Jet propelled aircraft, 2,735,633, 2-21-56, Cl. 244—74.  
Manning, Maxwell & Moore, Inc.: *See*—  
Gibbs, Edgar S., 2,758,220.  
Holdeman, Lloyd H., 2,735,376.  
Jankura, Michael, 2,752,787.  
Smith, Ralph B., 2,739,789.  
Manning, George Valer, 2,738,803, 2-20-56, Cl. 137—454.6.  
Manning, Reginald W. Paper money holder, 2,729,868, 1-10-56, Cl. 24—255.  
Manning, Thomas O., Sr.: *See*—  
Floyd, Leldon O., and Manning, 2,735,909.  
Manning, Willis L., to Burgess-Manning Co. Doorless telephone booth, 2,736,928, 8-6-56, Cl. 20—3.5.  
Mannion, John F., trustee: *See*—  
Barrett, Edward L., 2,740,955.  
Mannix Ltd.: *See*—  
France, Louis B., 2,769,172.  
Mano, Raphael L., to Societe d'Etudes Mecaniques et d'Organisation Industrielle. Lever-actuated, slidable jaw wrench, 2,774,271, 12-18-56, Cl. 81—127.  
Manrose, William E. Dispensing cap or covers, 2,767,889, 10-23-56, Cl. 22—284.  
Mansberg, Hyman P., to Allen B. Du Mont Laboratories, Inc. Cathode-ray oscilloscope recording camera, 2,751,275, 6-19-56, Cl. 346—110.  
Manseau, David O. Spray nozzle and valve actuating mechanism, Willis L., 2,744-56, Cl. 299—95.  
Mansell, Carman R., and H. D. Davis,  $\frac{1}{4}$  to L. F. Petersen, and  $\frac{1}{4}$  to J. M. Railey. Telephone receiver rests, 2,732,438, 1-24-56, Cl. 179—146.  
Mansfield, Harry, to Elgin Softener Corp. Multiport valves, 2,743,739, 6-5-56, Cl. 137—627.  
Man-See Corp.: *See*—  
Beuerle, Joseph H., 2,736,281.  
Sigoda, Victor J., 2,753,821.  
Sigoda, Victor J., 2,760,458.  
Sigoda, Victor J., 2,769,415.  
Sigoda, Victor J., 2,771,949.  
Weinkle, Abraham, and Sigoda, 2,754,114.  
Mansfield Development, Inc.: *See*—  
Shaffer, Homer J., 2,738,945.  
Shaffer, Homer J., 2,738,945.  
Mansfield, James B., to Wilmot-Breeden Ltd. Door fastening, 2,764,439, 9-25-56, Cl. 292—124.  
Mansfield, John C.: *See*—  
Nicol, Kenneth, and Mansfield, 2,768,584.  
Mansfield, Raymond P. Foot treating vessel, 2,730,038, 2-28-56, Cl. 4—182.  
Mansfield, Raymond P. Pelican type mooring hook, 2,764,792, 10-2-56, Cl. 24—73.  
Mansfield, Richard C.: *See*—  
Schmidle, Claude J., and Mansfield, 2,736,743.  
Schmidle, Claude J., and Mansfield, 2,748,140.  
Schmidle, Claude J., and Mansfield, 2,750,385.  
Schmidle, Claude J., and Mansfield, 2,765,314.  
Mansfield, Richard C., and C. J. Schmidle, to Rohm & Haas Co. Preparation of esters, 2,765,315, 10-2-56, Cl. 260—294.3.  
Mansfield Sanitary Pottery, Inc.: *See*—  
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Smith, Harry F., 2,770,250.  
Mansfield, Warren M., and A. W. Oliff, Jr. Liquid cooled abrasive grinder, 2,770,931, 11-20-56, Cl. 51—267.  
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Manske, Richard H. F., to United States Rubber Co. Shading composition for greenhouses, 2,744,830, 5-8-56, Cl. 106—84.  
Mansmann, Raymond P. Insulated door structures for refrigerator trucks, 2,774,999, 12-25-56, Cl. 20—35.  
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Mantega, Arturo. Seat cushions, 2,775,287, 12-25-56, Cl. 155—179.  
Mantell, Leon M. Vaporizer apparatus, 2,764,668, 9-25-56, Cl. 219—38.  
Mantell, Russell M.: *See*—  
Barnhart, William S., and Mantell, 2,751,376.  
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- Mantell, Russell M., H. J. Passino, and W. O. Teeters, to The M. W. Kellogg Co. Method of producing fluorohalocarbons by reacting carbon with fluorine and another halogen. 2,774,797, 12-18-56, Cl. 260-653.
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- Mantel, T. H.: *See*—
- Martimio, George E., and Stehn. 2,750,091.
- Mantes, T. R., Co.: *See*—
- Martimio, George E., and Stehn. 2,750,091.
- Manteuffel, Allan: *See*—
- Mauck, George R., and Manteuffel. 2,764,549.
- Mantie, Burr W.: *See*—
- Dalrymple, William P., Mantle, and Sherwood. 2,746,555.
- Mantofel, Irving. Display device. 2,758,193, 8-7-56, Cl. 219-35.
- Manton Brothers Ltd.: *See*—
- Feltwell, Bernard. 2,730,587.
- Mantonya, William G.: *See*—
- Weber, Carl, Doerner, Mantonya, and Doerner. 2,743,671.
- Mantz, Marius R.: *See*—
- Dugenholtz, Eduard H., and Mantz. 2,760,072.
- Mantz, Marius R., Hartford National Bank and Trust Co., trustee. Circuit-arrangement for reducing pulse interference in radio receivers. 2,730,615, 1-10-56, Cl. 250-20.
- Manuel, Joseph. Dump truck body. 2,747,476, 5-29-56, Cl. 94-44.
- Manum, Maylam, to Otto Construction Corp. Benzol spray scrubber. 2,753,949, 7-10-56, Cl. 183-2.
- Manufacture de Machines du Haut Rhin: *See*—
- Haug, Wilhelm. 2,743,328.
- Manufacture des Montres Universal, Perret & Berthoud, S. A.: *See*—
- Froidevaux, Jean-Michel. 2,773,347.
- Manufacturers Box Co., Inc.: *See*—
- Coulter, William B. 2,771,188.
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- Beck, Edwin H. Re. 2,44,142.
- Beck, Edwin H. 2,753,707.
- Manupelly, Anthony B. Tire bead breaker with rim clamping means. 2,771,941, 11-27-56, Cl. 157-117.
- Manville, Charles J., to Manville Mfg. Corp. Dish washing device including fluid shutoff valve. 2,767,019, 10-16-56, Cl. 299-58.
- Manville Mfg. Corp.: *See*—
- Manville, Charles J. 2,767,019.
- Manwaring, Joshua G. D., to Miles Mfg. Corp. Apparatus for vulcanizing or heating dielectric materials. 2,757,266, 7-31-56, Cl. 219-1047.
- Manzan, Sal, Miguel E. Firing mechanisms for automatic loading arms. 2,759,399, 8-21-56, Cl. 89-140.
- Manzollino, James L. Marine engine control. 2,759,578, 8-21-56, Cl. 192-098.
- Manzolini, Ettore. Grenade. 2,737,116, 3-6-56, Cl. 102-64.
- Mapelsden, George C.: *See*—
- Francis, Wallace R., Mapelsden, and Williams. 2,756,403.
- Mapelsden, George C., and C. O. Hull, to General Electric Co. Three conductor rip cord. 2,729,696, 1-3-56, Cl. 174-117.
- Mapes, Daniel, to Specialties Development Corp. Method of making metallic containers for confining fluid medium under pressure. 2,751,677, 6-26-56, Cl. 28-543.
- Mapes, Joe M. Contact indicator for adjustable spherometer. 2,770,885, 11-20-56, Cl. 33-172.
- Mapes, Leslie A. Bottle lifter and carrier. 2,747,915, 5-29-56, Cl. 294-87.24.
- Mappin, Dorothy A., and W. L. Umbrella. 2,761,461, 9-4-56, Cl. 135-25.
- Mappin, Walter L.: *See*—
- Mappin, Dorothy A., and W. L. 2,761,461.
- Mapson, Donald L., to M & D Display Mfg. Corp. Wall display fixture for threaded plumbing accessories. 2,743,022, 4-24-56, Cl. 211-87.
- Maragliano, Domenico: *See*—
- Marullo, Gerlando, and Maragliano. 2,774,655.
- Marano, Herbert W., to Wilson-Jones Co. Staple with raised bridge portion. 2,741,147, 4-10-56, Cl. 85-49.
- Maranto, James A. Mechanical refrigerator. 2,753,693, 7-31-56, Cl. 116-116.
- Marantz, Israel H., to Columbia Cable & Electric Corp. Spray nozzle. 2,741,508, 4-10-56, Cl. 299-28.6.
- Marantz, Israel H., to Columbia Cable & Electric Corp. Continuous flow spraying system. 2,770,212, 11-13-56, Cl. 118-51.
- Maras, Henry S., and R. O. Guided missile toy. 2,742,734, 4-24-56, Cl. 46-74.
- Maras, Ruth O.: *See*—
- Maras, Henry S., and R. O. 2,742,734.
- Marasso, Fred D., to Union Machinery Co. Combination loading handling, proofing, moulding and panning machine. 2,750,899, 6-15-56, Cl. 307-4.
- Marasso, Fred D., to Union Machinery Co. Dough panning machine. 2,751,591, 6-19-56, Cl. 53-160.
- Marasso, Fred D., to Union Machinery Co. Proofer tray. 2,755,913, 7-24-56, Cl. 198-152.
- Marathon Corp.: *See*—
- Andrews, John D. 2,760,713.
- Bonini, John N. 2,768,779.
- Browning, William C. 2,771,421.
- Bruhl, Thomas J., Hovland, and Verhage. 2,760,709.
- Cote, Omer E. 2,738,715.
- Marathon Corp.: *See*—Continued
- Farrell, Robert A. 2,731,190.
- Fritz, Arlyn C. 2,760,710.
- Grunert, Ronald K., and Huss. 2,758,774.
- Kuchenbecker, Morris W. 2,760,712.
- Massey, Theodore R. 2,737,467.
- Phipps, Cornelius M., and Zimmerman. 2,765,974.
- Rafoth, Bennie A., and Hovland. 2,772,827.
- Rumberger, George G. 2,755,193.
- Simerl, Linton B., Valld, and Mueller. 2,773,045.
- Wiles, Everett R., Vallier, and Coffman. 2,753,275.
- Marbac Corp.: *See*—
- Moesch, Ernest R. 2,730,268.
- Marbet, Roman, and A. Winterstein, to Hoffmann-La Roche Inc. Novel ester of bixins with higher alcohols and process for the manufacture thereof. 2,768,198, 10-23-56, Cl. 260-485.
- Marbill Co.: *See*—
- Cramer, Frits. 2,735,108.
- Smith, Maurice C., Jr. 2,767,490.
- Stewart, James W. 2,771,619.
- Marble, Floyd A. Gripping tool with pivoted jaw and cam actuator. 2,766,646, 10-16-56, Cl. 81-49.
- Marburg, Edgar, to United States Steel Corp. Ingot molds. 2,734,242, 1-1-56, Cl. 22-139.
- Marbury, Ralph E., and Z. Neri, to Westinghouse Electric Corp. Protective system for series capacitors. 2,743,395, 4-24-56, Cl. 317-12.
- Marc, Henri, to The American Pad & Textile Co. Art of curing or kinking stretched filaments and forming pads therefrom. 2,742,951, 4-24-56, Cl. 154-29.
- Marculus, Nicholas. Dispensing. 2,730,267, 1-10-56, Cl. 221-48.
- Marcelline, Joseph: *See*—
- Bongiovanni, Antonio. 2,753,988.
- Marcelus, Brooks. Spooler type winder. 2,757,874, 8-7-56, Cl. 24-86.
- Marcellus, Lydia B.: *See*—
- Marcellus, Phillips B. 2,753,126.
- Marcellus, Phillips B., deceased, by L. B. Marcellus, executrix, to Barber-Colman Co. Yarn winding drum. 2,753,126, 7-3-56, Cl. 242-43.
- Marchal, Raymond H.: *See*—
- Kadosch, Marcel, and Marchal. 2,763,984.
- Kadosch, Marcel, Paris, Bertin, and Marchal. 2,738,646.
- Marchal, Raymond H., F. G. Paris, J. Bertin, and L. A. J. Bauger, to Societe Nationale d'Etude et de Construction de Turbines d'Aviation. Intermitent combustion gas turbine engine. 2,748,564, 6-5-56, Cl. 60-35.6.
- Marchand, Adolph. Vanity cabinet. 2,758,900, 8-14-56, Cl. 312-223.
- Marchand, John F. Container for liquids, and more particularly to a container which incorporates therein the function of a siphon. 2,768,823, 8-21-56, Cl. 128-218.
- Marchant Calculators, Inc.: *See*—
- Hampton, Robert W. 2,771,550.
- Hampton, Robert W. 2,771,551.
- Hampton, Robert W. 2,771,575.
- Marth, Walter E. 2,773,646.
- Nolde, George V., and Avery. 2,771,599.
- Reynolds, Eugene E. 2,746,678.
- Marchant, John H., to Sturtevant Mill Co. Apparatus for grinding. 2,763,437, 9-18-56, Cl. 241-39.
- Marchant Research, Inc.: *See*—
- Waver, Harold T., and Hampton. 2,771,505.
- Marchant, Reynolds: *See*—
- Herr, Robert, and Marchant. 2,738,383.
- Marchesani, Michael. Hair cutting, thinning, curving and waving shears. 2,758,371, 8-14-56, Cl. 30-195.
- Marchese, Andrew S. Dispensing roll of non-skid tape for icy surfaces. 2,732,065, 1-24-56, Cl. 206-56.
- Marchese, Lorenzo, to P. A. Marchese. Bath appliance. 2,764,771, 10-2-56, Cl. 15-124.
- Marchese, Philip A.: *See*—
- Marchese, Lorenzo. 2,764,771.
- Marchs, Donald F., to Westinghouse Electric Corp. Excitation systems. 2,773,233, 12-4-56, Cl. 322-25.
- Marco Industries Co.: *See*—
- Harrington, Frank A. 2,756,412.
- Harrington, Frank A., and Jentes. 2,745,094.
- Marco, John. Apparatus for continuous production of a composite foam rubber slab and fabric. 2,759,517, 8-21-56, Cl. 154-1.
- Marco, John. Continuous laminated fabric making apparatus and method. 2,759,518, 8-21-56, Cl. 154-1.
- Marco, Joseph: *See*—
- Cohn, Mayer L. 2,749,430.
- Marco Products Co.: *See*—
- Hunt, Robert G., and W. W. 2,769,191.
- Marco, Salvatore M., to Diamond Power Specialty Corp. Rotary nozzle for soot blowers and the like. 2,752,197, 6-26-56, Cl. 23-169.
- Marconi's Wireless Telegraph Co., Ltd.: *See*—
- Bedford, Leslie H. 2,743,189.
- Boys, Thomas R., and Martin. 2,762,044.
- Cooper, Victor J. 2,760,082.
- Davies, Eric. 2,748,305.
- Dawson, Leslie H. 2,730,712.
- Green, Ernest. 2,765,444.
- Hagen-Pigg, Godfrey E. 2,730,575.
- Jesty, Leslie C. 2,749,065.
- Kwasiebski, Andrzej K., and Wright. 2,762,937.
- Lea, Norman. 2,769,090.

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 Mortley, Wilfrid S. 2,738,424.  
 Roe, Douglas E. 2,761,131.  
 Ramsay, John F. 2,753,463.  
 Rust, Noel M., and Cockerell. 2,748,385.  
 Sosin, Boleslaw M. 2,751,557.
- Marcot, Guy C.: *See*—  
 Nelson, Earl W., and Marcot. 2,750,260.
- Marcot, Guy C., and G. M. Sheehan, to American Cyanamid Co. Finishing of rutile titanium dioxide. 2,766,133, 10-9-56, Cl. 106-300.
- Marcotte, Frank B.: *See*—  
 Horlen, Theodore, Marcotte, and Luke. 2,770,661.
- Marcotte, Fred H. Well drilling apparatus. 2,752,121, 6-26-56, Cl. 255-19.
- Marcowka, Chester A., to the United States of America as represented by the United States Atomic Energy Commission. High temperature ceramic composition. 2,766,129, 10-9-56, Cl. 106-48.
- Marcum, Charles R., to General Equipment & Mfg. Co. Railway block signalling system. 2,740,040, 3-27-56, Cl. 246-33.
- Marcum, Charles R., to General Equipment & Mfg. Co. Railway switch position indicator. 2,740,041, 3-27-56, Cl. 246-220.
- Marcum, Floyd. Toilet flush tank. 2,754,521, 7-17-56, Cl. 2-57.
- Marcus, Benjamin. Tray for cribs and the like. 2,766,087, 10-9-56, Cl. 311-26.
- Marcus, George: *See*—  
 Marcus, Nathan and G. 2,730,132.  
 Marcus, George L. Bass viol cart. 2,736,225, 2-28-56, Cl. 84-280.
- Marcus, Jerome R.: *See*—  
 Larsen, Einar W., and Marcus. 2,740,592.
- Marcus, Nathan, and G. Silencers for fluid systems. 2,730,132, 1-10-56, Cl. 138-26.
- Marcus, Stanley J. Motor mechanism for missiles. 2,750,887, 6-19-56, Cl. 102-49.
- Marcus, Stanley J., R. M. McClung, and C. E. Weinland. Rocket with electrical contact of wire screen. 2,766,662, 10-16-56, Cl. 89-1.
- Marcuse, James E., to West Disinfecting Co. Atomizing nozzle. 2,737,419, 3-6-56, Cl. 299-140.1.
- Marcuse, James E., and M. M. Reynolds, to West Disinfecting Co. Dry free-flowing iodine compositions. 2,743,208, 4-24-56, Cl. 167-17.
- Marcy, Henry T., to International Business Machines Corp. Display apparatus. 2,770,061, 11-13-56, Cl. 40-52.
- Marcy, Henry T., and R. J. Fyffe, to The M. W. Kellogg Co. Pilot operated fuel control valve for gas turbines. 2,758,812, 8-14-56, Cl. 251-14.
- Marden, Carleton S.: *See*—  
 Davison, Robert T. B., Gordon, and Marden. 2,743,746.  
 Marden, Carleton S., to National Products Corp. Waterproof spark plug shield. 2,730,562, 1-10-56, Cl. 174-35.
- Marden, John W.: *See*—  
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 Wroughton, Donald, and Marden. 2,754,347.
- Marder, Herbert B. Receptacle construction. 2,767,757, 10-23-56, Cl. 150-51.
- Mar-Don Mfg. Co.: *See*—  
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- Mare Ernest. Cyclone mills. 2,731,209, 1-17-56, Cl. 241-56.
- Marean, Dale F. Variable ratio transmission. 2,730,907, 1-17-56, Cl. 74-325.
- Marchal, Greer M., Jr. Illusion apparatus. 2,732,207, 1-24-56, Cl. 272-8.
- Marchal, Greer M., Jr. Illusion apparatus. 2,757,931, 8-7-56, Cl. 272-8.
- Marek, Anton, to Ing. A. Maurer S. A. Apparatus for cutting flames and the like. 2,753,000, 7-3-56, Cl. 164-61.
- Marmonet Automotive Products, Inc.: *See*—  
 Trimm, Wayne B. 2,742,992.
- Mares, Charles F. Table attachment for an operating table. 2,741,520, 4-10-56, Cl. 311-10.
- Maresch, Gordon A. Tire chains. 2,743,754, 5-1-56, Cl. 152-213.
- Mareth Steel Corp.: *See*—  
 Schaffner, Theodore. 2,732,273.
- Margerum, Donald L.: *See*—  
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- Margerum, Donald L., and S. A. Pryga, to North American Aviation Inc. Beacon antenna. 2,767,395, 10-16-56, Cl. 343-729.
- Markets, David R.: *See*—  
 Hare, George H., and Markets. 2,769,093.
- Marqolin, Efraim. Infant's spoons. 2,741,027, 4-10-56, Cl. 30-324.
- Marzolini, Robert, to B. Arnold. Educational toy. 2,760,276, 8-28-56, Cl. 35-36.
- Marzon Corp.: *See*—  
 Olney, Nathaniel. 2,748,531.
- Margot, Alfred: *See*—  
 Gysin, Hans, and Margot. 2,754,243.  
 Gysin, Hans, and Margot. 2,754,244.  
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- Margot, Alfred, and H. Gysin, to J. R. Geigy A.-G. New acylated hydrazones and their use in the control of fungi. 2,762,740, 9-11-56, Cl. 167-30.
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- Margrave, Wilton, to The Parker Appliance Co. Pilot controlled fluid pressure operated valve. 2,755,058, 7-17-56, Cl. 251-43.
- Margreiter, Hans: *See*—  
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- Margrey, Frank R. Pulley guide. 2,770,142, 11-13-56, Cl. 74-240.
- Margulies, Waldo, to the United States of America as represented by the Secretary of the Army. Bore evacuator with elastic action. 2,766,661, 10-16-56, Cl. 89-1.
- Marholz, Richard C., to Raytheon Mfg. Co. Mounting vehicle for radio receivers. 2,750,494, 6-12-56, Cl. 250-14.
- Marion, Joseph. Apparatus and method for making a strip product capable of being wound up and provided with one-faced layer of cured thermosetting resin and product. 2,766,807, 10-16-56, Cl. 154-37.
- Mariani, Frank: *See*—  
 Curioni, Aldo. 2,775,215.
- Marié, Pierre G. Dielectric antenna with dielectric waveguide feed. 2,745,101, 5-8-56, Cl. 343-785.
- Marien, Melvin W., to Ramsey Corp. Piston rings. 2,744,803, 5-9-56, Cl. 300-45.
- Marien, Melvin W., to Ramsey Corp. Sealing ring assembly. 2,761,748, 9-4-56, Cl. 309-44.
- Marien, Melvin W., to Ramsey Corp. Oil control ring. 2,761,749, 9-4-56, Cl. 309-45.
- Marinace, John C.: *See*—  
 Le Loup, Theodore E., and Marinace. 2,766,509.
- Marinaro, Alfred T.: *See*—  
 Taormina, Silvio C., Marinaro, and Packman. 2,754,258.
- Marine Instrument Co.: *See*—  
 Fash, Roy C., Fawcett, and Wipff. 2,729,300.
- Marine Marker Corp.: *See*—  
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- Marine Midland Trust Co. of Central New York, executor: *See*—  
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- Marine Products Co.: *See*—  
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- Marine Pumps, Inc.: *See*—  
 Franklin, Stanley E. 2,762,172.
- Marinelli, Arthur N. Sectional crankshaft. 2,730,912, 1-17-56, Cl. 74-597.
- Mariner, John V.: *See*—  
 Dobson, Franklin A., and Mariner. 2,765,097.
- Marling, Arks O., to N. W. Lemet Industrie. Framework for a tent or like structure. 2,748,786, 6-5-56, Cl. 138-3.
- Marino, Anthony J.: *See*—  
 Querretti, Louis C., Palladino, and Marino. 2,736,360.
- Marino, Salvatore F., to General Motors Corp. Driving mechanism for carburetor. 2,731,857, 2-24-56, Cl. 74-781.
- Marion Electrical Instrument Co.: *See*—  
 Ammon, Roscoe A. 2,740,093.
- Marion, John F., to Sperry Rand Corp. Automatic frequency control for radar test apparatus. 2,765,460, 10-2-56, Cl. 243-77.
- Marisic, Milton M.: *See*—  
 Hutchings, Le Roi E., and Marisic. 2,769,753.
- Marisic, Milton M., and H. Hennig, to The Pure Oil Co. Hydrocarbon conversion. 2,764,622, 9-25-56, Cl. 260-683.
- Marisic, Milton M., to L. Noag. Overhead retracting doors. 2,729,862, 1-10-56, Cl. 20-16.
- Mark, Stanley D., Jr., to The Carborundum Co. Induction furnace. 2,748,806, 4-24-56, Cl. 13-27.
- Mark, Stanley D., to Universal Oil Products Co. Polyhalo-2,3-epoxy-bicyclo (2,2,1) heptanes. 2,771,470, 11-20-56, Cl. 260-327.
- Marke, Hans, to Aetna Products & Mfg. Co. Tip for fishing rod. 2,762,154, 9-11-56, Cl. 43-24.
- Markel, John M., to J. I. Case Co. Locking mechanism for an agricultural implement. 2,755,720, 7-24-56, Cl. 97-46.61.
- Markert, Ferdinand, and L. Raichle, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Catalytic method for converting carbon monoxide and steam into carbon dioxide and hydrogen. 2,747,967, 5-29-56, Cl. 23-150.
- Markert, Harold L., and H. W. Murphy, to Eli Lilly and Co. Injectable erythrinium preparations. 2,750,325, 6-12-56, Cl. 167-65.
- Markett Transport Ltd.: *See*—  
 Tapp, Raymond P. J., Avenell, and Hansen. 2,758,730.
- Markett, George. Flashlight screw driver. 2,773,974, 12-11-56, Cl. 240-646.
- Markgraf, Otto: *See*—  
 Beck, Friedrich, Libowitzky, Markgraf, and Klug. 2,767,219.
- Markgren, John R.: *See*—  
 Chapin, Edward S., and Markgren. 2,740,688.
- Markham, Robert N.: *See*—  
 Pritchett, John I., and Markham. 2,739,705.
- Markiewicz, Anna V. Floor protecting mat. 2,771,613, 11-27-56, Cl. 4-252.
- Markkula, Raymond F. Folding chair. 2,749,972, 6-12-56, Cl. 155-147.
- Markley, James M. Vertically swingable window sash. Re. 24,156, 5-29-56, Cl. 189-62.
- Markley, Klare S.: *See*—  
 Feuge, Reuben O., Vicknair, and Markley. 2,745,749.
- Markley, Klare S., to Soss Mfg. Co. Door latch. 2,764,440, 9-25-56, Cl. 292-173.
- Marko, Harold M., to Soss Mfg. Co. Door latch lock. 2,764,441, 9-25-56, Cl. 292-173.
- Markow, George R., and A. J. Hornfeck, to Bailey Meter Co. Fall-safe control system. 2,730,304, 1-10-56, Cl. 236-78.



- Markowich, Andrew. Grain dryer. 2,732,630, 1-31-56, Cl. 34-174.
- Markowitz, Oscar. Fuse circuit breaker. 2,751,462, 6-19-56, Cl. 200-113.
- Markowitz, Richard, to John Waldron Corp. Method and machine for casting film. 2,762,077, 9-11-56, Cl. 18-15.
- Markowski, Adam M. Animated display aquariums. 2,751,880, 6-26-56, Cl. 119-55.
- Markowski, Edwin P., and J. W. Symonds, to Barry Controls Inc. Vibration isolator. 2,744,718, 5-8-56, Cl. 248-358.
- Marks, Barnard M., and J. B. Thompson, to E. I. du Pont de Nemours and Co. Inhibition of tetrafluoroethylene polymerization. 2,737,533, 3-6-56, Cl. 260-653.
- Marks, George M., to Industrial Heat Engineering Co. Drying machine. 2,763,477, 9-18-56, Cl. 265-3.
- Marks, John D.: *See*—
- Bellin, Richard H., Evans, Marks, and Saltman. 2,768,181.
- Bellin, Richard H., and Marks. 2,768,180.
- Marks, Madison E.: *See*—
- Porter, Charles A., and Marks. 2,753,292.
- Marks, Max J.: *See*—
- Schwartz, Martin W., and Marks. 2,770,717.
- Marks, Theodore. Fully automatic machine for making brushes. 2,742,327, 4-17-56, Cl. 300-2.
- Mark, William J. Fishhook sharpener. 2,766,643, 10-16-56, Cl. 76-88.
- Marks, William J. Sharpening tool. 2,766,644, 10-16-56, Cl. 76-88.
- Marks, William S., to the United States of America as represented by the Secretary of the Navy. Supporting spider for in proximity fuse. 2,741,181, 4-10-56, Cl. 102-70.2.
- Markson, Alfred A., to Hagan Corp. Pneumatic toggle devices provided with adjustable fulcrums. 2,756,774, 7-31-56, Cl. 137-620.
- Markstein, Robert P., and I. I. Lubowe. Closure. 2,755,976, 7-24-56, Cl. 222-495.
- Markus, George, and M. Siegel, to Aristocrat Leather Products, Inc. Ornamented sheet material and method of making same. 2,729,009, 1-3-56, Cl. 41-24.
- Markus, George, and M. Siegel, to Aristocrat Leather Products, Inc. Ornamented sheet material and method of making the same. 2,729,010, 1-3-56, Cl. 41-34.
- Markusen, David L., to Minneapolis-Honeywell Regulator Co. Flight path control apparatus. 2,734,703, 2-14-56, Cl. 244-77.
- Markusen, David L., to Minneapolis-Honeywell Regulator Co. Flight path control apparatus. 2,775,421, 12-25-56, Cl. 244-77.
- Markwood, Paul W., J. T. Rich, P. D. Lingerfelt, and C. F. Nichols, to American Enka Corp. Doffing a winding machine. 2,751,161, 6-19-56, Cl. 242-35.5.
- Marks, Herbert L., to Kerag Kesselschmiede, Apparate- und Maschinenbau. Mixing of gases and liquids. 2,733,056, 1-31-56, Cl. 261-87.
- Marlatt, Paul E., A. R. Hanze, A. V. McIntosh, Jr., and R. H. Levin, to The Upjohn Co. Hydrolysis of oxidosteroids. 2,752,365, 6-26-56, Cl. 260-397.1.
- Marler, E. T., Ltd.: *See*—
- McLaurin, James N. 2,759,530.
- McLaurin, James N. 2,751,842.
- Marley Co., The: *See*—
- Mart, Leon T. 2,732,190.
- Mart, Leon T. 2,749,605.
- Marling, Paul E.: *See*—
- Hempel, August K., and Marling. 2,754,307.
- Marlowe, Elbert W., to Westinghouse Air Brake Co. Variable character display indicator. 2,736,016, 2-21-56, Cl. 340-316.
- Marlowe, Elbert W., and L. V. Lewis, to Westinghouse Air Brake Co. Display indicator and control system. 2,736,017, 2-21-56, Cl. 340-316.
- Marman Products Co., Inc.: *See*—
- Herman, Albert D. 2,756,079.
- Hite, Lester E. 2,729,237.
- Hite, Lester E. 2,729,238.
- Leighton, Francis. 2,747,897.
- Marmont, George H., and B. M. Oliver, to Bell Telephone Laboratories, Inc. Timing circuit. 2,730,617, 1-10-56, Cl. 250-27.
- Marmorstone, Robert J., to Panellit, Inc. Alarm system. 2,730,702, 1-10-56, Cl. 340-213.
- Marmorstone, Robert J., to Panellit, Inc. Motor control annunciator. 2,752,588, 6-26-56, Cl. 340-248.
- Marmon, Donald E.: *See*—
- Yousse, Earl L., and Marmon. 2,742,341.
- Marmon, Donald E., to General Aniline & Film Corp. Vat dyeing process. 2,742,340, 4-17-56, Cl. 8-34.
- Marmon, Donald E., and J. Bianco, to General Aniline & Film Corp. Method of preparing water-dispersible compositions for azo dyeing. 2,734,793, 2-14-56, Cl. 8-48.
- Marmon, Edward S., G. F. Zier, and W. H. Cook; said Zier and said Cook, assors, to said Marmon. Adjustable counterweight for lift vehicles. 2,759,563, 8-21-56, Cl. 187-9.
- Marmon, Edward S., G. F. Zier, and W. H. Cook; said Zier and said Cook, assors, to said Marmon. Multi-capacity lift truck. 2,766,850, 10-16-56, Cl. 187-9.
- Maron, Irving, and H. S. Broadwell, to Radio Corp. of America. Waveform generator. 2,748,275, 5-29-56, Cl. 250-36.
- Maron, Irving, and L. M. Glickman, to Radio Corp. of America. Electromechanical resonator. 2,753,529, 7-3-56, Cl. 333-71.
- Maroth, Arthur M., to The J. J. Kennedy Corp. Ball for typewriters and the like. 2,772,765, 12-4-56, Cl. 197-138.
- Mattoti, Ralph, to Monsanto Chemical Co. Process of treating ethylene urea and product. 2,751,394, 6-19-56, Cl. 260-309.7.
- Marousky, William T. Window structure. 2,747,241, 5-29-56, Cl. 20-52.2.
- Marpillero, Paolo, to Development Technique de la Pate a Papier, Armandy, Suisse (denomination ci-apres Detapa). Process for producing semi-chemical pulp. 2,749,241, 6-5-56, Cl. 92-6.
- Marple, Ernest H. Collapsible trailer. 2,756,094, 7-24-56, Cl. 296-23.
- Marple, Rollo, to Hancock Mfg. Co. Keeper mechanism. 2,729,492, 1-3-56, Cl. 292-341.12.
- Marple, Rollo, to Hancock Mfg. Co. Latching mechanism. 2,736,186, 2-28-56, Cl. 70-142.
- Marple, Rollo, to Hancock Mfg. Co. Door lock. 2,762,643, 9-11-56, Cl. 292-280.
- Marple, Stanley Jr., and Marple. 2,730,452.
- Johnston, Robert W. B., and Marple. 2,730,452.
- Marple, Stanley Jr., and N. J. Foecking, to Shell Development Co. Adsorptive distillation process. 2,768,942, 10-30-56, Cl. 202-67.
- Marples, Bernard P., and J. C. Davy, to Powers-Samas Accounting Machine Ltd. Sensing mechanism for statistical machines. 2,761,624, 9-4-56, Cl. 235-61.11.
- Marquardt Aircraft Co.: *See*—
- Long, Henry A. 2,767,725.
- Marquardt-Hudes, Inc.: *See*—
- Hudes, Henry N., and Marquardt. 2,751,764.
- Marquardt, Max: *See*—
- Hudes, Henry N., and Marquardt. 2,751,764.
- Marquette Mfg. Co.: *See*—
- Holmberg, Henry. 2,730,422.
- Holmberg, Henry. 2,742,336.
- Marquette Metal Products Co., The: *See*—
- Moulton, Lloyd J. 2,734,390.
- Moulton, Lloyd J. 2,739,577.
- Marquis, Alphonse J. Automatic smoking pipe filler. 2,731,187, 1-17-56, Cl. 226-125.
- Marquis, Donald P., and O. S. French, to Thompson Products, Inc. Adjustable tie rod. 2,734,760, 2-14-56, Cl. 287-58.
- Marquis, Raymond G., to Cornier Hosiery Mills, Inc. Elastic top stocking. 2,765,643, 10-9-56, Cl. 66-172.
- Marr, George M. Breather and drainage valves for watertight enclosures. 2,737,203, 3-8-56, Cl. 137-519.
- Marr, Kenneth G. Steering control mechanism. 2,757,553, 8-7-56, Cl. 7-507.
- Marr, Walter D. Boat bumper. 2,761,410, 9-4-56, Cl. 114-220.
- Marra, Maria V., and L. J. De Bonis. Latch keeper for refrigerator doors. 2,743,953, 5-1-56, Cl. 292-340.
- Marras, John S.: *See*—
- Gill, Earle F. Marran, and Romano. 2,763,393.
- Marres, George: *See*—
- Thompson, Norman F., 3rd, and Marres. 2,773,548.
- Marrie, Paul A. R. A., to Société a Responsabilité Limitée dite S. E. B. I. M. Société d'Exploitation des Brevets et Inventions des Marres Pour wheeled driven tractors with mounted walking beams. 2,757,373, 7-31-56, Cl. 180-49.
- Marron, Thomas U., and C. J. Shoemaker, to A. B. Dick Co. Diazotype reproduction process. 2,774,669, 12-18-56, Cl. 96-49.
- Marrone, John C. Blowing dry starch into a papermaking furnish. 2,729,561, 1-3-56, Cl. 99-21.
- Marron, Huidobro, Pedro, and J. N. Escobar. Synergistic insecticidal compositions of benzene hexachloride and a terpene hydrocarbon. 2,761,805, 9-4-56, Cl. 167-30.
- Mars Signal-Light Co.: *See*—
- Kennelly, Jeremiah D. 2,762,994.
- Marsal, Paul., to Union Carbide and Carbon Corp. Gas permeable membrane for air-depolarized cell. 2,759,038, 8-14-56, Cl. 136-136.
- Marsala, Vincent. Child's self-feeding training dish. 2,757,525, 8-7-56, Cl. 65-15.
- Marsalis, William I. Hand truck provided with track type treads. 2,763,489, 9-18-56, Cl. 280-5.22.
- Marsan, Arthur E.: *See*—
- Marsan, Edward P. 2,741,247.
- Marsan, Edward P., to M. A. and A. E. Marsan. Expendable gastomy or drainage pouch. 2,741,247, 4-10-56, Cl. 128-283.
- Marsan, Mary A.: *See*—
- Marsan, Edward P. 2,741,247.
- Marshall, Franz, and W. W. Williams, to General Aniline & Film Corp. Methine dyes. 2,739,963, 3-27-56, Cl. 280-240.
- Marschner, Charles F., to McDonnell Aircraft Corp. Closure fastener for aircraft. 2,763,908, 9-25-56, Cl. 24-221.
- Marsden, George: *See*—
- Watkins, Alexander E., and Marsden. 2,744,354.
- Marsden, George B., to Chicago Nipple Mfg. Co. Releaseable one-way clutch. 2,753,947, 7-17-56, Cl. 192-47.
- Marsden, George B., to Chicago Nipple Mfg. Co. Transfer and feed mechanism for multiple die threading machine. 2,759,202, 8-21-56, Cl. 10-91.
- Marsden, Kenneth R.: *See*—
- Von Krosigk, Heinrich. 2,747,988.
- Wüstefeld, Heinrich. 2,770,970.
- Marsden, Ross S., Jr., to Phillips Petroleum Co. Flame detection apparatus. 2,737,643, 3-6-56, Cl. 340-228.
- Marsden, Ross S., Jr., to Phillips Petroleum Co. Flame detector. 2,753,522, 7-3-56, Cl. 324-71.

- Marsden, Ross S., Jr., to Phillips Petroleum Co. Apparatus and method for the measurement of ignition delay. 2,753,934, 7-10-56, Cl. 16-2-15.
- Marsden, Ross S., Jr., to Phillips Petroleum Co. Flame detector. 2,766,440, 10-9-56, Cl. 340-228.
- Marsden, Ross S., Jr., to Phillips Petroleum Co. Electrical noise element. 2,768,266, 10-23-56, Cl. 201-63.
- Marsel, Charles J., Jr. See—
- Happel, John, and Marsel. 2,752,405.
- Happel, John, and Marsel. 2,763,703.
- Marsel Mirror and Glass Products, Inc. See—
- Barlow, Meyer. 2,763,186.
- Marsh, Alonzo K., H. E. Rothmann, and J. Weimont, to A. Kimball Co. Automatic machine for punching and printing multi-section price tickets. 2,754,751, 7-17-56, Cl. 101-19.
- Marsh, Clarence E. Impact type frost breaker. 2,747,851, 5-29-56, Cl. 262-14.
- Marsh, Daniel W., to C. K. Williams & Co. Process for producing red iron oxide pigment. Re. 2,4173, 7-3-56, Cl. 29-200.
- Marsh, Edward N., to The Standard Oil Co. Thermal diffusion method and apparatus. 2,767,849, 10-23-56, Cl. 210-52.5.
- Marsh, Edward N., to The Standard Oil Co. Thermal diffusion method. 2,767,850, 10-23-56, Cl. 210-52.5.
- Marsh, Fayette E., I. W. Ansbach, and I. W. McRoberts, to Wyatt Mfg. Co. Electrical system for motor vehicles. 2,751,508, 6-19-56, Cl. 307-10.
- Marsh, Gareld E., to General Railway Signal Co. Electro-magnetic relays. 2,731,527, 1-17-56, Cl. 200-87.
- Marsh, Gareld E., to General Railway Signal Co. Electro-mechanical oscillator. 2,739,250, 3-20-56, Cl. 310-33.
- Marsh, George B., to R. M. Morrell. Device for moving inwards and the like. 2,747,652, 5-29-56, Cl. 155-28.
- Marsh, Glenn W., to The Pure Oil Co. Method of reducing vapor zone corrosion. 2,756,166, 7-17-56, Cl. 21-2.5.
- Marsh, Henry R., to Saco-Lowell Shops. Twister. 2,731,787, 1-24-56, Cl. 57-58.83.
- Marsh, James C., to Ransburg Electro-Coating Corp. High voltage apparatus. 2,731,589, 1-17-56, Cl. 321-15.
- Marsh, James C., to Ransburg Electro-Coating Corp. Core and coil arrangement. 2,751,564, 6-19-56, Cl. 336-197.
- Marsh, Jas. P., Corp. See—
- Modes, Edward E. 2,737,811.
- Marsh, John C., to Easton Motocraft Corp. Adjustable wheel chock. 2,771,162, 11-20-56, Cl. 188-32.
- Marsh, John D. F., and W. B. S. Newling, to North Thames Gas Board. Purification of hydrogen sulphide. 2,743,153, Cl. 2-24-56, Cl. 2-24-56, Cl. 2-24-56, Cl. 2-24-56.
- Marsh, John T., to Tootal Broadhurst Lee Co. Ltd. Method of impregnating textile fabric with resin. 2,739,908, 3-27-56, Cl. 117-139.4.
- Marsh, Luther, to Hardware Products Co. Hammer with tubular handle having reinforcing means. 2,729,253, 1-3-56, Cl. 145-29.
- Marsh, Lyle L., Jr. See—
- Chubb, Walston, Jr., and Marsh. 2,746,861.
- Marsh, Richard O., Jr. Belt connected roller arrangements for forming vehicle tracks and other purposes. 2,734,476, 2-14-56, Cl. 115-1.
- Marsh, Robert C. See—
- Gumpper, Harold D., and Marsh. 2,738,655.
- Marsh, Roger. See—
- Kopf, Rowland J., and Marsh. 2,770,194.
- Kopf, Rowland J., and Marsh. 2,771,696.
- Marsh Stencil Machine Co. See—
- Hempel, Herbert W. 2,728,930.
- Hempel, Herbert W. 2,747,868.
- Hempel, Herbert W. 2,757,730.
- Hempel, Herbert W. 2,767,981.
- Marshall, Asa C. Grubbing attachment for a farm tractor. 2,747,305, 5-29-56, Cl. 3-2.
- Marshall, Charles W., to G. D. Searle & Co. 11-oxygenated 17a-vinyltestosterone and process. 2,731,479, 1-17-56, Cl. 260-397.45.
- Marshall, Donald E. Method of amalgamating and extruding soap. 2,767,487, 10-23-56, Cl. 18-55.
- Marshall, Elliot. See—
- Herbert, Earl. 2,731,598.
- Marshall, Franklin W. Fluid drive mechanism. 2,741,092, 4-10-56, Cl. 60-52.
- Marshall, Franklin W., to Tricon, Inc. Clutch. 2,760,614, 8-28-56, Cl. 192-43.
- Marshall, Hamilton L. J., to International X Ray, Inc. Atomic radiation detector. 2,736,815, 2-28-56, Cl. 250-78.
- Marshall, Harry B., and M. Curran (née) Krizsan, to Ontario Research Foundation. Method of preparing phenol derivatives of waste sulphate liquor, including removing the calcium ions from the waste liquor. 2,772,139, 11-27-56, Cl. 8-94.31.
- Marshall, Harry B., and M. Krizsan, to Ontario Research Foundation. Tanning agent comprising phenol derivatives of waste sulphate liquor and method of preparing same. 2,772,140, 11-27-56, Cl. 8-94.31.
- Marshall, James F., to Minneapolis-Honeywell Regulator Co. Transistor control circuit. 2,767,330, 10-16-56, Cl. 307-130.
- Marshall, James R., to Allen B. Du Mont Laboratories, Inc. Coupling transformer with alternate signal source. 2,745,066, 5-8-56, Cl. 333-7.
- Marshall, James W., to Bale assembler and aligner. 2,736,159, 2-28-56, Cl. 56-475.
- Marshall, John M., to Kraft Foods Co. Method of packaging. 2,736,556, 2-28-56, Cl. 99-171.
- Marshall, John N., and J. S. Baer, to Radio Corp. of America. Taper perforating apparatus. 2,761,590, 9-4-56, Cl. 164-111.
- Marshall, Joseph R., Jr. Booklet forming means and method. 2,747,865, 5-29-56, Cl. 270-32.
- Marshall, L. H., Co. See—
- Lucks, Charles P., Linebrink, and Myers. 2,762,963.
- Marshall, Leonard J. See—
- Armcast, Wilbur H., and Marshall. 2,737,160.
- Marshall, Leonard J., to Combustion Engineering, Inc. Packing rings. 2,763,243, 9-18-56, Cl. 122-347.
- Marshall, Merrill C. See—
- Brown, Frank P., and Marshall. 2,766,540.
- Marshall, Neil A., and J. A. Adler, to the United States of America as represented by the Secretary of the Navy. Electronic measuring device. 2,731,559, 1-17-56, Cl. 250-27.
- Marshall, Norman S. Crab trap. 2,731,761, 1-24-56, Cl. 43-100.
- Marshall, Peter R., to The Birmingham Small Arms Co. Ltd. Production of metallic powders. 2,744,062, 5-1-56, Cl. 204-10.
- Marshall, Raymond H. See—
- Hatch, Charles T., and Marshall. 2,747,725.
- Marshall, Robert W. See—
- Kinzie, John P., Marshall, and Sprout. 2,767,260.
- Marshall, Samuel J. E. Deep well pumping apparatus. 2,733,663, 2-7-56, Cl. 103-118.
- Marshall, William A., and C. F. Steininger, to The Pure Oil Co. Water resistant lubricants thickened with inorganic gelling agents. 2,763,349, 6-19-56, Cl. 252-28.
- Marshall, William A., and C. F. Steininger, to The Pure Oil Co. Water resistant lubricants thickened with inorganic gelling agents. 2,766,205, 10-9-56, Cl. 252-28.
- Marshall, William A., and C. F. Steininger, to The Pure Oil Co. Clay thickened lubricants having water resistant characteristics. 2,766,209, 10-9-56, Cl. 252-49.7.
- Marshall, William E. See—
- Adams, Frederick G., and Marshall. 2,763,750.
- Marshall, William E., to Armco Steel Corp. Method and apparatus for smelting fine iron ore. 2,750,276, 6-12-56, Cl. 75-26.
- Marshall, William E., to Armco Steel Corp. Process and apparatus for reducing and smelting iron. 2,750,277, 6-12-56, Cl. 75-28.
- Marshall, William E., and W. J. Robinson, to Minneapolis-Honeywell Regulator Co. Burner control apparatus. 2,748,845, 6-5-56, Cl. 158-28.
- Marshall, William R., Jr. See—
- Wilson, Jack P., and Marshall. 2,746,170.
- Marsilius, Mac, to Woodstock Metal Products, Inc. Fish landing nets. 2,760,291, 8-28-56, Cl. 43-12.
- Marston, William T., to Dorr-Oliver Inc. Hydraulic classifier comprising a sequence of classifier compartments. 2,738,068, 2-13-56, Cl. 209-48.
- Mart, Leon T., to The Marley Co. Cross flow cooling tower having recirculating system. 2,732,190, 1-24-56, Cl. 261-21.
- Mart, Leon T., to The Marley Co. Method of constructing laminated fan ring for cooling towers. 2,749,605, 6-12-56, Cl. 29-431.
- Martel, Fred W. Spring mounted rocking horse. 2,746,754, 5-22-56, Cl. 272-52.
- Martell, George E., to Geo. J. Meyer Mfg. Co. Apparatus for cutting flexible strip material into measured lengths. 2,734,571, 2-14-56, Cl. 164-49.
- Martell, Lester H. See—
- Sullivan, John J., and Martell. 2,741,056.
- Martello, Norman E., to Westinghouse Electric Corp. Bearing composition, bearing, and method of making same. 2,757,109, 7-31-56, Cl. 154-81.
- Martellotti, Mario, and J. W. Evans, to The Cincinnati Milling Machine Co. Electro discharge machine. 2,773,968, 11-13-56, Cl. 219-69.
- Martens, Simon J. Process for producing a mixed fertilizer. 2,770,539, 11-13-56, Cl. 71-36.
- Martens, Glinter, to Hartford National Bank and Trust Co., as trustee. Circuit arrangement for automatic resonance tuning of a high-frequency generator, more particularly for the purpose of therapy. 2,752,496, 9-26-56, Cl. 250-36.
- Martens, Glinter, to Hartford National Bank and Trust Co., as trustee. High-frequency generators. 2,775,704, 12-25-56, Cl. 250-36.
- Martinson, Koch & Cie. A. G. See—
- Koch, August. 2,765,819.
- Martin, Aaron H. Sideboard panel attachment for convertible vehicle. 2,766,062, 10-9-56, Cl. 298-10.
- Martin, Albert B. Necktie holder. 2,755,530, 7-24-56, Cl. 24-49.
- Martin, Anthony J., to Charles J. Martin & Sons. Releaseable tool holders. 2,764,416, 9-25-56, Cl. 279-9.
- Martin, Antone D. See—
- Christensen, Dan A., and Martin. 2,743,968.
- Johnson, Lloyd A., Christensen, and Martin. 2,757,991.
- Martin, Ashby R., and R. E. Krueger. Machine posting stand with revolving posting tray. 2,763,323, 9-18-56, Cl. 311-32.
- Martin, B. G., and R. D. Wyckoff, to Gulf Research & Development Co. Apparatus for detecting ingress and egress of fluid in a borehole. 2,773,236, 12-4-56, Cl. 324-2.
- Martin, Bradford. See—
- Martin, Raymond G. and B. 2,762,299.



- Martin, Cecil E., Sr. Tube straightening and bending tool. 2,740,309, 4-3-56, Cl. 81-15.
- Martin, Cecil F. Fish lure. 2,739,405, 3-27-56, Cl. 43-42.06.
- Martin, Cecil G., and J. H. Johnston, to Jack & Heintz, Inc. Means and method of seating brushes on rotating electrical machines. 2,745,976, 5-15-56, Cl. 310-228.
- Martin, Cecil G., and H. H. Humpal, to Jack & Heintz, Inc. Method for evaporative cooling of rotating electrical machine. 2,773,301, 12-4-56, Cl. 310-54.
- Martin, Charles A., to Radio Corp. of America. Annular element antenna systems. 2,746,040, 5-15-56, Cl. 343-830.
- Martin, Charles A.,  $\frac{1}{2}$  to A. W. Price, and  $\frac{1}{2}$  to J. R. Pegues, Jr. Fishing reel attachment. 2,753,129, 7-3-56, Cl. 242-84.5.
- Martin, Charles J., & Sons: See—  
Martin, Anthony J. 2,764,416.
- Martin, Charles S., and A. E. Cooke, to Trip-Lite Ltd. Yarn detecting mechanism for textile machine stop motions. 2,744,174, 5-1-56, Cl. 200-61.18.
- Martin & Cie: See—  
Lavaud, Armand J. 2,768,477.
- Martin, Claude, to Houdaille Industries, Inc. Swivel wheel damper. 2,770,832, 11-20-56, Cl. 16-35.
- Martin, Claude W. Rim clamp and jack device for tire tools. 2,746,767, 5-15-56, Cl. 137-17.
- Martin, Clifford M. Utility or boat trailer and wheel suspension therefor. 2,736,568, 2-28-56, Cl. 280-444.
- Martin-Decker Corp.: See—  
Decker, Elmer L. 2,743,607.
- Webber, Louis G. 2,743,606.
- Martin, Dennis L.: See—  
Southworth, Ronald W., and Martin. 2,739,626.
- Martin, Desaix B.: See—  
Molene, Jude M., and Martin. 2,746,181.
- Martin, Donald W.: See—  
Holm, Ralph L., and Martin. 2,755,043.
- Martin, Donald W., and R. L. Holm. Quick release attachment for safety belts. 2,750,644, 6-19-56, Cl. 24-201.
- Martin, Earnest E., to R. W. Walsh. Flexible bodied seal units. 2,739,856, 3-27-56, Cl. 309-23.
- Martin, Edward G., to the United States of America as represented by the Secretary of the Navy. Oscillator tube cavity tuner. 2,752,524, 6-26-56, Cl. 315-5.
- Martin, Edward G. Photographic film identification. 2,773,436, 12-11-56, Cl. 95-1.1.
- Martin, Edward J. Jar support. 2,763,377, 9-18-56, Cl. 260-118.
- Martin, Edward J., to Sinclair Refining Co. Solvent recovery of resins from precipitated asphalt. 2,773,004, 12-4-56, Cl. 196-14.15.
- Martin, Edward J., and C. E. Quinn, to General Motors Corp. Dial burette. 2,754,381, 7-10-56, Cl. 200-61.2.
- Martin, Edward J., and R. N. Frawley, to General Motors Corp. Radiant energy transmission and reflection analyzer with adjustable filter. 2,768,653, 10-16-56, Cl. 88-14.
- Martin, Elmore L., to E. I. du Pont de Nemours and Co. Aldehydes and their acetals. 2,754,286, 7-10-56, Cl. 260-13.
- Martin, Emmett V.: See—  
Coover, Harry W., Jr., Guillet, and Martin. 2,751,277.
- Martin, Erle: See—  
Lampton, Glen T., and Martin. 2,764,803.
- Martin, Erle, and R. P. Lambek, to United Aircraft Corp. Propeller hub structure. 2,768,659, 8-14-56, Cl. 170-160.32.
- Martin, Frank H. Floating feeding device for aquariums. 2,761,422, 9-4-56, Cl. 119-5.
- Martin, Frank S.: See—  
Pietraszek, Thaddeus A., and Martin. 2,753,599.
- Martin, Frank S., and Martin. 2,772,322.
- Martin, Frank S., to United States Rubber Co. Flock-filled isocyanate-containing elastomer. 2,751,363, 6-19-56, Cl. 260-9.
- Martin, Frank V. Protective device for door locks. 2,730,970, 1-17-56, Cl. 109-32.
- Martin, Fred P. Multiple unit contour mower. 2,743,567, 5-1-56, Cl. 56-6.
- Martin, Furman H., to The Springs Cotton Mills. Starch cooking apparatus. 2,730,468, 1-10-56, Cl. 127-28.
- Martin, Furman H., to The Springs Cotton Mills. Cleaning device for revolving clearer rolls. 2,739,326, 3-27-56, Cl. 15-21.
- Martin, George A., to Dexter Folder Co. Sheet delivering apparatus. 2,733,064, 1-31-56, Cl. 271-89.
- Martin, George P.: See—  
Blackhall, James M., Ryan, Baker, and Martin. 2,742,535.
- Martin, George P., and J. M. Blackhall, to North Electric Co. Plug in jack to bare wire multiple. 2,742,534, 4-17-56, Cl. 179-27.54.
- Martin, Gilbert, to Etablissements Neyrpic. Semi-spiral scroll case. 2,773,666, 12-1-56, Cl. 253-26.
- Martin, Glen L. Co.: The: See—  
Allen, John H. 2,738,710.
- Ashwell, James R., Hershfield, and Kleason. 2,741,763.
- Bitner, John D., Merrill, Rauth, and Richardson. 2,768,801.
- Buschers, Herbert H. 2,735,391.
- Bush, Orville J. 2,729,406.
- Espy, Melvin P., Pitman, and Josselyn. 2,730,380.
- Fales, David, III. 2,772,401.
- Foley, William V., and Barthel. 2,756,419.
- Gravenhorst, Gordon P., and Elam. 2,737,853.
- Martin, Glenn L. Co., The: See—Continued  
Hallock, Clair L. 2,732,612.
- Hersfield, Sanford. 2,756,422.
- Laux, Leon E. 2,731,712.
- Mayer, Robert H. 2,733,391.
- Pinkos, Alfons M., Wilson, and Schroeder. 2,755,040.
- Schulze, Richard B., Hessler, Davison, and Winter. 2,754,786.
- Schulz, Gerald, Thomas, and Hanks. 2,735,981.
- Thomas, Charles E., Jr. 2,735,985.
- Trimble, George S., Jr., and Hess. 2,768,526.
- Martin, Gustav J.: See—  
Avakian, Souren, Beller, and Martin. 2,764,596.
- Martin, Gustav J., J. M. Beiler, and S. Avakian, to The National Drug Co. Therapeutic substituted chalcones. 2,769,817, 11-6-56, Cl. 260-340.5.
- Martin, Harold J., to The L. E. Myers Co. Sheave block for stringing aluminum cable. 2,765,145, 10-2-56, Cl. 254-134.3.
- Martin, Harry D., to General Motors Corp. Demountable closure. 2,734,757, 2-14-56, Cl. 286-5.
- Martin, Heinz, to Siemens-Schuckertwerke Aktiengesellschaft. Dry multi-pellet rectifiers. 2,738,452, 3-13-56, Cl. 317-234.
- Martin, Henry. Grease guns. 2,752,073, 6-26-56, Cl. 222-326.
- Martin, Henry. Grease guns. 2,752,074, 6-26-56, Cl. 222-326.
- Martin, Henry, to Variaprat A. G. Trifluoromethyl-imino-bis-acetanilide ammonium salts. 2,752,393, 6-26-56, Cl. 260-558.
- Martin, Henry, E. Habicht, and H. Zutter, to Cilag Ltd. Hydroxymethyl-isonicotinamide and alkyl ethers thereof. 2,741,620, 4-10-56, Cl. 260-295.
- Martin, Henry, and E. Habicht, to Cilag Ltd. New chemotherapeutically active salts. 2,751,382, 6-19-56, Cl. 260-239.65.
- Martin, Henry, and H. Zutter, to Cilag Ltd. Alkenoic amides of aryloxyethers of alkanolamines. 2,773,899, 12-11-56, Cl. 260-562.
- Martin, Henry A., Jr.: See—  
Seidich, George G., Low, and Martin. 2,766,717.
- Martin, Hermann H. Method of dampening a lithographic plate or stone and a damping roller for use in that connection. 2,775,195, 12-25-56, Cl. 101-148.
- Martin, Hildur S.: See—  
Ahlquist, Zeth F. 2,757,829.
- Martin, Hollinshead, T., to Signode Steel Strapping Co. Method of making grain doors. 2,739,920, 3-27-56, Cl. 154-118.
- Martin, Hollinshead, T., to Signode Steel Strapping Co. Strap cutter. 2,773,307, 12-11-56, Cl. 30-194.
- Martin, Homer Z.: See—  
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- Martin, Homer Z., to Esso Research and Engineering Co. Method of cooking and grinding coke. 2,768,938, 10-30-56, Cl. 202-14.
- Martin, Homer Z., to Esso Research and Engineering Co. Process for the upgrading of hydrocarbons by hydrogen-donor diluent cracking. 2,772,218, 11-27-56, Cl. 196-50.
- Martin, Homer Z., J. W. Brown, and H. E. W. Burnside, to Esso Research and Engineering Co. Preparation of catalytic feed stocks from heavy hydrocarbons. 2,734,021, 2-7-56, Cl. 196-49.
- Martin, Homer Z., and W. K. Lewis, Jr., to Esso Research and Engineering Co. Shale distillation. 2,738,315, 3-13-56, Cl. 202-14.
- Martin, Homer Z., L. A. Nicolai, and L. E. Swabb, Jr., to Esso Research and Engineering Co. Fluid hydroforming process. 2,765,597, 9-18-56, Cl. 196-50.
- Martin, Homer Z., H. E. W. Burnside, F. T. Barr, and R. W. Krebs, to Esso Research and Engineering Co. Conversion of hydrocarbons. 2,763,601, 9-18-56, Cl. 196-55.
- Martin, Homer Z., and F. T. Barr, to Esso Research and Engineering Co. Production of gas mixtures containing carbon monoxide and hydrogen. 2,765,222, 10-2-56, Cl. 48-196.
- Martin, Hugh H., to General Electric Co. Voltage regulated power supply. 2,758,273, 8-7-56, Cl. 323-22.
- Martin, Irvin E., and V. W. Beavers. Football shoulder pad. 2,761,143, 9-4-56, Cl. 2-2.
- Martin, J. Edward: See—  
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- Martin, James. Apparatus for ejecting seats from aircraft. 2,736,236, 2-28-56, Cl. 89-1.
- Martin, James. Control means for use with ejection seats of aircraft. 2,751,171, 6-19-56, Cl. 244-141.
- Martin, James. Ejection seat and parachute assembly for a single person. 2,762,583, 9-11-56, Cl. 244-141.
- Martin, James J., and H. I. Stone, to General Motors Corp. Dirigible spot lamp and mirror. 2,752,823, 7-3-56, Cl. 88-98.
- Martin, James M., to Food Machinery and Chemical Corp. Means for moving, cutting, pickup, and crushing means on a tractor drawn frame. 2,759,319, 8-21-56, Cl. 56-1.
- Martin, Johannes J. Combustion air supply through grates and grate construction. 2,745,364, 5-15-56, Cl. 110-74.
- Martin, John D., and C. S. Westervelt, to United Engineers & Constructors Inc. Automatic discharge means for apparatus for separating materials of different specific gravities. 2,766,886, 10-19-56, Cl. 209-172.5.
- Martin, John E.: See—  
Boys, Thomas R., and Martin. 2,762,044.
- Martin, John R., to Oldham & Son Ltd. Batteries. 2,755,328, 7-17-56, Cl. 136-43.

- Martin, Jonathan. Bird nibbles. 2,773,473, 12-11-56, Cl. 119-18.
- Martin, Joseph H. J. Fish lure. 2,765,574, 10-9-56, Cl. 43-44.
- Martin, Joseph J. Turbine type hot air engine. 2,767,549, 10-23-56, Cl. 60-59.
- Martin, Kenneth P.: See—
- Dever, Lewis A., and Martin. 2,766,711.
- Martin, Laurence H. Pocket secretary. 2,732,875, 1-31-56, Cl. 150-39.
- Martin, Leo, and A. K. Bird. Gravity fed magazine equipped coin spinner. 2,730,368, 1-10-56, Cl. 273-138.
- Martin, Leonard R.: See—
- Davies, John G., Martin, Morris, and Lusk. 2,760,506.
- Martin, Lewis C., G. B. Moffett, and G. O. Erickson. All-wire collapsible newspaper rack. 2,745,557, 5-15-56, Cl. 211-50.
- Martin, Lorin M. Powder measure and dispenser. 2,758,757, 8-14-56, Cl. 222-308.
- Martin, Lynn P., to W. A. Sheaffer Pen Co. Writing implements. 2,769,427, 11-6-56, Cl. 120-47.
- Martin, Marcel A.: See—
- Jacobs, Donald H., Scholnick, and Martin. 2,755,667.
- Martin, Mildred C., and H. P. Schaeffer, to Kidlets, Inc. Child's bootie construction. 2,748,501, 6-5-56, Cl. 36-11.
- Martin, Murdo L., and J. Q. Dal Santo. Measuring device for bolt or all goods. 2,756,507, 7-31-56, Cl. 33-139.
- Martin, Nicholas P. Adjustable liquid fuel burner nozzle. 2,736,608, 2-28-56, Cl. 299-136.
- Martin, Norman P.: See—
- Luckhardt, Johannes. 2,745,470.
- Luckhardt, Johannes, and J. S. Bartlett. 2,769,269.
- Luckhardt, Johannes. 2,774,412.
- Martin, Oscar, Mfg. Co.: See—
- Fausser, Oscar, Jr. 2,734,501.
- Martin, Paul N., to Westinghouse Air Brake Co. Track circuit apparatus. 2,754,413, 7-10-56, Cl. 246-34.
- Martin, Paul S., and S. X. Shore. Cameras. 2,730,937, 1-17-56, Cl. 95-11.5.
- Martin, Raymond P. Trap. 2,769,273, 11-6-56, Cl. 43-61.
- Martin, Raymond F., Jr., and A. W. Enselin. Measuring device. 2,741,031, 10-5-56, Cl. 33-141.
- Martin, Raymond G. Wire fence stretching clamp. 2,732,176, 1-24-56, Cl. 254-83.
- Martin, Raymond G. and B., to Solar Engineering & Equipment Co. Registration tool for stencil decorating machine. 2,762,299, 9-5-56, Cl. 101-115.
- Martin, Raymond L. Control mechanism for rotary equipment. 2,763,974, 9-25-56, Cl. 55-6.
- Martin, Raymond L. Freezing tray with molds. 2,756,567, 7-31-56, Cl. 92-108.5.
- Martin, Rex K., and J. S. Bartlett. Fish lure. 2,769,269, 11-6-56, Cl. 43-42.6.
- Martin, Robert A.: See—
- Driesbach, Robert R., and Martin. 2,733,281.
- Martin, Robert L., to Standard Coil Products Co., Inc. Coil winder. 2,732,140, 1-24-56, Cl. 242-13.
- Martin, Robert L., and E. K. Nelson, to Standard Coil Products Co. Inc. Printed circuits. 2,769,119, 10-30-56, Cl. 317-101.
- Martin, Robert R.: See—
- Clausen, William D., and Martin. 2,738,988.
- Martin, Robert T. Violin bow. 2,730,001, 1-10-56, Cl. 84-282.
- Martin, Robert W., to Shell Development Co. Epoxy-substituted esters of silicon acids and their preparation. 2,730,532, 1-10-56, Cl. 260-348.
- Martin, Robert W., to General Electric Co. Reaction product of dihydric aliphatic alcohols and polymethylol benzenes. 2,749,527, 6-5-56, Cl. 260-52.
- Martin, Roger P.: See—
- Browne, William H. 2,766,079.
- Martin, Rush E. Bucketball game. 2,747,875, 5-29-56, Cl. 273-105.
- Martin-Senour Co., The: See—
- Stuart, Spencer, and Raymond. 2,748,498.
- Martin, Sidney W., to Bear Mfg. Co. Vehicle turn indicating gauge. 2,758,385, 8-14-56, Cl. 33-203.12.
- Martin, Stanley: See—
- Courthorn, Thomas F., Martin, and Sickly. 2,734,804.
- Martin, Stanley A. Animal feed and method for making the same. Re. 24,261, 12-25-56, Cl. 99-6.
- Martin, Stanley M., to National Research Council. Production of citric acid by submerged fermentation. 2,739,923, 3-27-56, Cl. 105-2.
- Martin, Stanley W.: See—
- Clark, Calvin M., and Martin. 2,766,400.
- Martin, Stuart T., and M. C. Pease, to Sylvania Electric Products Inc. High frequency window structure. 2,773,289, 12-11-56, Cl. 20-40.
- Martin, Tellis A., D. I. Randall, and J. Taras, to General Aniline & Film Corp. Production of dibenzanthronyls and derivatives thereof. 2,767,197, 10-16-56, Cl. 260-353.
- Martin, Tom: See—
- Kahmann, Anthony R., and Martin. 2,770,533.
- Martin, Wade B., to American Telephone and Telegraph Co. Code translating device. 2,750,446, 6-12-56, Cl. 178-26.
- Martin, Wade B., to American Telephone and Telegraph Co. Carrier failure alarm circuit. 2,764,753, 9-25-56, Cl. 340-253.
- Martin, Wade B., and H. Talberth. Current control circuit. 2,748,315, 5-29-56, Cl. 315-100.
- Martin, Warren N. Container closure. 2,752,060, 6-26-56, Cl. 215-41.
- Martin, Warren N. Phonograph record case. 2,760,839, 8-28-56, Cl. 312-10.
- Martin, Warren S. Granular bed filter. 2,765,920, 10-9-56, Cl. 210-128.
- Martin, Wesley G.: See—
- Dueringer, Erwin G., and Martin. 2,736,461.
- Martin, Wesley G., to A. O. Smith Corp. Rotary feed agitator for a self-feeding silo. 2,755,771, 7-24-56, Cl. 119-32.
- Martin, William, and E. J. Vetter, to General Electric Co. Cold grinding machine. 2,735,249, 2-21-56, Cl. 51-267.
- Martin, William A.: See—
- Stevens, Herbert R., Tucker, and Martin. 2,737,296.
- Martin, William D., to Philco Corp. Variable delay line. 2,765,446, 10-2-56, Cl. 333-30.
- Martin, William E. Attachable hitching unit for trucks. 2,730,876, 1-10-56, Cl. 280-425.
- Martin, William E. Tandem axle construction. 2,749,141, 6-5-56, Cl. 280-104.5.
- Martin, William E. Walking beam for tandem axles. 2,754,132, 7-10-56, Cl. 280-104.5.
- Martin, William E. Trailer hitch pin structure. 2,761,699, 9-4-56, Cl. 280-433.
- Martin, William E. Method of spotting pivotal centers for swinging link structure of folding gooseneck trailer hitch. 2,772,008, 11-27-56, Cl. 214-152.
- Martin, William E. Notched gooseneck trailer construction. 2,754,561, 7-10-56, Cl. 214-506.
- Martin, William E. Safety locking bar for folding trailer hitch. 2,774,613, 12-18-56, Cl. 280-415.
- Martin, William F. Artificial fishing lure. 2,770,063, 11-13-56, Cl. 43-42.02.
- Martin, William H.: See—
- MacKinnon, James S., and Weidman. 2,749,981.
- Martin, William J., and J. E. Larrison. Cotton fiber blender. 2,734,230, 2-14-56, Cl. 19-96.
- Martin, William J., and J. F. Clark, to Circle Valve Co. Valve breaker for faucets. 2,740,421, 4-3-56, Cl. 137-216.
- Martin, William J., and J. F. Clark, to Circle Valve Co. Ball cock for flush tanks. 2,756,769, 7-31-56, Cl. 137-411.
- Martin, William L., and G. R. Shadley. Machine for pulling cord. 2,739,346, 3-27-56, Cl. 17-11.3.
- Martin, William M., and J. F. Ryan, Jr., to James Dole Engineering Co. Container washing apparatus. 2,744,531, 5-8-56, Cl. 134-125.
- Martin, William McK., to James Dole Engineering Co. Apparatus for sterilizing container covers. 2,771,644, 11-27-56, Cl. 21-78.
- Martin, William McK., to James Dole Engineering Co. Apparatus for sterilizing food containers. 2,771,645, 11-27-56, Cl. 21-78.
- Martin, William O.: See—
- Klingler, Karl A., and Martin. 2,735,726.
- Martin, William T., to Minnesota and Ontario Paper Co. Apparatus for pulp sampling. 2,746,297, 5-22-56, Cl. 137-216.
- Martindale Electric Co. Ltd.: See—
- Bloomfield, Herbert G. 2,762,368.
- Martindell, Frank, to Teletype Corp. Clutch. 2,735,525, 2-21-56, Cl. 192-27.
- Martindell, Frank, to Teletype Corp. Telegraph selector magnet device. 2,756,372, 7-24-56, Cl. 317-172.
- Martindell, Frank, to Teletypesetter Corp. Code translator device. 2,766,322, 10-9-56, Cl. 178-33.
- Martinielli, Anthony J.: See—
- Claudi-Magnussen, Finn, and Martinielli. 2,759,902.
- Martinielli, Anthony J., to General Aniline & Film Corp. Process for breaking emulsions. 2,774,741, 12-18-56, Cl. 252-331.
- Martinielli, Arnold C., to Rogers Plastic Corp. Container. 2,740,444, 4-3-56, Cl. 150-5.
- Martinielli, Ciro C., to Radio Corp. of America. Frequency divider. 2,767,313, 10-16-56, Cl. 250-27.
- Martines, Rene. Female connector member. 2,735,998, Cl. 339-256.
- Martines, Rene. Electrical contact element for receiving a male pin. 2,743,428, 4-24-56, Cl. 339-258.
- Martines, Rene, to The Crimpweld Corp. Means for connecting a member to an electrical wire. 2,747,171, 5-22-56, Cl. 239-276.
- Martinez, Antonio C. Fan. 2,745,598, 5-15-56, Cl. 230-259.
- Martinez, Clement L., to International Telephone and Telegraph Corp. Radiation responsive device. 2,753,418, 7-3-56, Cl. 200-137.
- Martin-Hurst, William F. F., to Teddington Aircraft Controls Ltd. Apparatus for computing the product or ratio of two variables. 2,749,038, 6-5-56, Cl. 235-61.
- Martiniak, Leonard J.: See—
- Stacy, John C., and Martiniak. Re. 24,198.
- Martiniemaas, Werner W., Jr., to Inland Inc. Twinless stillmaster for rotary baler. 2,774,296, 12-18-56, Cl. 100-55.
- Martinson, Edwin O., to Koehring Co. Air operated bucket. 2,746,618, 5-22-56, Cl. 214-59.
- Martinson, Edwin O., to Koehring Co. Boom. 2,770,372, 11-13-56, Cl. 212-144.
- Martinson, Marvin P. Automobile ventilator. 2,764,928, 10-2-56, Cl. 98-2.
- Martinson, Oscar M., and M. R. Speiser, to S. & M. Products Co., Inc. Method and means for stringing beads. 2,762,540, 9-11-56, Cl. 223-48.
- Martiny, Walter J., to General Electric Co. Rotor for induction motor. 2,767,340, 10-16-56, Cl. 310-212.



- Martini, Roberto. Condensers for absorption refrigerators. 2,739,439, 3-27-56, Cl. 62-119.5.
- Martois, Arthur E. Portable pipe cutting machine. 2,769,235, 11-6-56, Cl. 30-97.
- Marton, George, Jr.: *See*—  
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- Martsoff, Philip, Jr.: *See*—  
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- Martt, Ernest C., to General Electric Co. Lamp electrode. 2,765,420, 10-2-56, Cl. 313-344.
- Marty, Maurice J. Aviator's respiration conditioning apparatus. 2,755,799, 7-24-56, Cl. 128-142.
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- Martz, William H.: *See*—  
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- Maruhn, Herbert F. W., and E. Gruhler, to Daimler-Benz Aktiengesellschaft. Floating wheel type brake. 2,775,315, 12-25-56, Cl. 138-78.
- Marullo, Gerlando, and G. Perri, to Montecatini società generale per l'Industria Mineraria e Chimica. Process for separating sodium chloride from kaimite by means of flotation. 2,766,884, 10-16-56, Cl. 209-166.
- Marullo, Gerlando, and G. Perri, to Montecatini società generale per l'Industria Mineraria e Chimica. Process for concentrating kaimite by means of flotation. 2,766,885, 10-16-56, Cl. 209-166.
- Marullo, Gerlando, and D. Maragliano, to Montecatini, Società General per l'Industria Mineraria e Chimica. Apparatus for purifying raw sulphur. 2,774,655, 12-18-56, Cl. 29-284.
- Marvel Engineering Co.: *See*—  
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- Marvel Equipment Corp.: *See*—  
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- Marvey, Harvey E., to Bowser, Inc. Water-fuel separator. Re. 24,136, 4-3-56, Cl. 210-184.
- Marvil Industries, Inc.: *See*—  
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- Marvin, Charles H., to F. Freund, and E. Marvin, jointly. Rail anchors. 2,750,119, 6-12-56, Cl. 238-321.
- Marvin, Edgar, and H. L. Malone, to Eastman Kodak Co. Double exposure prevention device. 2,750,858, 6-19-56, Cl. 95-31.
- Marvin, Eugene: *See*—  
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- Marvin, Grant E., to Lo, for folding auto seats. 2,752,988, 7-3-56, Cl. 155-162.
- Marvin, John T., to General Motors Corp. Fluid seal. 2,736,583, 2-28-56, Cl. 288-2.
- Marvin, John T., to General Motors Corp. Windshield wiper mechanism. 2,753,023, 7-3-56, Cl. 192-02.
- Marvin, John T., to General Motors Corp. Connector strip. 2,759,575, 8-21-56, Cl. 189-78.
- Marvin, Philip R., to The Commonwealth Engineering Co. of Ohio. Electrical resistance heating elements. 2,744,987, 5-8-56, Cl. 201-63.
- Marvin, Philip R., to Milwaukee Gas Specialty Co. Saturable core reactor with thermistor control. 2,765,119, 10-2-56, Cl. 236-91.
- Marx, Charles H.: *See*—  
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- Marx, Edward E. Drilling and reaming jig. 2,753,740, 11-7-56, Cl. 62-119.5.
- Marx, Frank A., to Morton Salt Co. Dispensing container. 2,742,200, 4-17-56, Cl. 222-370.
- Marx, Joseph P. One piece dual exhaust manifold for internal combustion engines. 2,745,393, 5-15-56, Cl. 123-122.
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- Marx, Louis, & Co., Inc.: *See*—  
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- Rexford, Willis E. 2,772,843.
- Schigas, Joseph J. 2,737,755.
- Schigas, Joseph J. 2,772,883.
- Marx, Walter S., Jr., to Printing Arts Research Laboratories, Inc. Method and material for making overlay masks. 2,770,534, 11-13-56, Cl. 41-41.
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- Marxer, Adrian: *See*—  
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- Maryland Devices, Inc.: *See*—  
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- Marz, Ray E., to General Electric Co. Lamp base for elongated tubular lamps. 2,733,420, 1-31-56, Cl. 339-145.
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- Marzillier, Paul A. Combination wardrobe, unopening bed, and dressing table. 2,770,813, 11-20-56, Cl. 5-2.
- Marzluff, William F., and L. H. Sutherland, to American Cyanamid Co. Cyanuric acid preparation. 2,768,167, 10-23-56, Cl. 260-248.
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- Mas, Joseph, to Vibron Research Laboratories, Inc. Vibrator. 2,745,999, 5-15-56, Cl. 318-124.
- Mas, Joseph A., to Vibration Research Laboratories, Inc. Vibration power supply system and vibrator structure useable therein. 2,761,075, 8-28-56, Cl. 307-132.
- Masano, Thomas. Pneumatic convertible top for automobiles. 2,747,929, 5-29-56, Cl. 296-17.
- Mascher, Floyd J., D. Kissinger, and A. Clagg. Grease gun. 2,773,630, 12-11-56, Cl. 222-256.
- Maschinenbau Aktiengesellschaft Balcke: *See*—  
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- Skiles, William C., Jr., Masci, and Maso. 2,764,976.
- Masci, Joseph N., and W. H. Ashton, to Johnson & Johnson. Absorbable products. 2,764,159, 9-25-56, Cl. 128-296.
- Masci, Joseph N., and W. L. George, to Johnson & Johnson. Hemostatic surgical compositions and dressings. 2,772,999, 12-5-56, Cl. 167-84.
- Masci, Joseph N., W. H. Ashton, and J. Wiland, to Johnson & Johnson. Hemostatic surgical dressings. 2,773,000, 12-4-56, Cl. 167-84.
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- Mascolo, John P. Radiator enclosure. 2,765,120, 10-2-56, Cl. 237-78.
- Maschuch, Joseph J.: *See*—  
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- Masel, Theodore C., and J. P. Miller, to General Motors Corp. Rail vehicle truck. 2,756,691, 7-31-56, Cl. 105-185.
- Maslan, Frank, to National Research Corp. Method for the mutual separation of acrylonitrile, acetonitrile and propionitrile from aqueous solutions. 2,773,088, 12-4-56, Cl. 260-465.1.
- Masland, Frank, to National Research Corp. Separation of ethylene oxide from a gaseous mixture containing same. 2,775,600, 12-25-56, Cl. 260-348.
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Hoeselebarth, Frank W. E. 2,731,985.
- Hoeselebarth, Frank W. E. 2,750,904.
- Hoeselebarth, Frank W. E. 2,750,969.
- Hoeselebarth, Frank W. E. 2,754,850.
- Hoeselebarth, Frank W. E. 2,754,856.
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- Maslow, Murray: *See*—  
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- Masmontell, Henri L., and R. F. Vignardet. Apparatus for carrying and shifting the lower limbs of a patient after a surgical operation. 2,763,261, 9-18-56, Cl. 128-33.
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- Mason, Au & Magenheim Conf. Mfg. Co.: *See*—  
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- Mason, Avrel, to Bendix Aviation Corp. Velocity transducer. 2,764,402, 9-25-56, Cl. 310-15.
- Mason, Donald E., to J. D. McNairy, Jr. Electrolytic silver cleaner. 2,733,203, 1-31-56, Cl. 204-288.
- Mason, E. N., & Sons Ltd.: *See*—  
Woodham, Edward. 2,768,565.
- Mason Electric Corp.: *See*—  
Mason, Howard F. 2,739,193.
- Mason, Emaline E. M.: *See*—  
Mason, Samuel S., and E. E. M. 2,730,213.
- Mason, Fred H., to General Latex & Chemical Corp. Tufted rug and method of making same. 2,748,446, 6-5-56, Cl. 28-74.

- Mason, Fred H., and G. P. Bosomworth, to The Firestone Tire & Rubber Co. Mold. 2,754,546, 7-17-56, Cl. 18-34.
- Mason, Frederick J. Air distributor for fans. 2,742,226, 1-17-56, Cl. 230-27.
- Mason, Harry, to Consolidated General Products, Inc. Foldable electric clothes driers. 2,728,996, 1-3-56, Cl. 34-234.
- Mason, Homer R. Hanger. 2,738,154, 3-13-56, Cl. 248-255.
- Mason, Howard F., to Mason Electric Corp. Snap switch. 2,739,193, 3-20-56, Cl. 200-6.
- Mason, Jack S.: See—
- Skelton, Charles W., and Mason. 2,763,780.
- Mason, Jacob A.: See—
- Harvey, John E., Hermendorfer, and Mason. 2,747,657.
- Mason, James A., to Warner Electric Brake & Clutch Co. Electromagnet construction. 2,738,449, 3-13-56, Cl. 317-171.
- Mason, John C. Device for removing articles from and inserting articles into pipelines. 2,770,532, 11-13-56, Cl. 28-253.
- Mason, Jerry M.: See—
- Hancock Harold E., Goldblatt, and Mason. 2,742,035.
- Mason, Merritt M.: See—
- Wilbur, Lyman D., and Mason. 2,757,515.
- Mason, Ralph B.: See—
- Kimberlin, Charles N., Jr., and Mason. 2,756,182.
- Mason, Ralph B., to Esso Research and Engineering Co. Process for removal of sulfur impurities from alcohols. 2,753,297, 7-5-56, Cl. 20-57.
- Mason, Ralph B., to Esso Research and Engineering Co. Production of alcohols from olefins. 2,754,332, 7-10-56, Cl. 260-604.
- Mason, Ralph B., and F. J. Buchmann, to Esso Research and Engineering Co. Hydrodesulfurization of oxo alcohols. 2,767,222, 10-16-56, Cl. 260-643.
- Mason, Ralph B., C. N. Kimberlin, Jr., and W. F. Arey, Jr., to Esso Research and Engineering Co. Integrated fluid coke desulfurization process. 2,768,939, 10-30-56, Cl. 102-14.
- Mason, Raymond A.: See—
- Courson, Iber C., Mason, and Gramlich. 2,769,677.
- Mason, Robert F. Disk plow. 2,729,929, 1-10-56, Cl. 55-81.
- Mason, Robert F. Root crop harvesting and cutting machine. 2,771,728, 11-27-56, Cl. 55-51.
- Mason, Samuel S., and E. E. M. Power and control device for a bed assembly. 2,730,213, 1-10-56, Cl. 192-2.
- Mason, Scott, H. B. Goldstein, and J. F. Corter, to Sun Chemical Corp. Aluminum soaps. 2,758,123, 8-7-56, Cl. 260-414.
- Mason, Valentine V., and C. F. Book, to The Hydro Electric Power Commission of Ontario. Temperature indicator. 2,741,127, 4-10-56, Cl. 73-350.
- Mason, Warren P., to Bell Telephone Laboratories, Inc. Electro-mechanical transducer and systems. 2,742,614, 4-17-56, Cl. 333-30.
- Mason, Warren P., and H. J. McKimlin, to Bell Telephone Laboratories, Inc. Electro-mechanical wave filter. 2,744,042, 12-11-56, Cl. 333-7.
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- Mason, William C. Device for picking up and compressing loose materials. 2,731,782, 1-24-56, Cl. 56-341.
- Mason, William C. Electric stoves. 2,733,332, 1-31-56, Cl. 218-37.
- Mason, William C. Portable drill feeder. 2,748,628, 6-5-56, Cl. 77-7.
- Mason, Wylie A., Jr., to International Harvester Co. Implement attaching apparatus for tractors. 2,743,654, 5-1-56, Cl. 97-47.14.
- Mason, Wylie A., Jr., to International Harvester Co. Front mounted carry-all. 2,762,283, 9-11-56, Cl. 97-47.14.
- Mason, Wylie A., Jr., and D. S. Brownlee, to International Harvester Co. Implement attaching apparatus for tractors. 2,762,282, 9-11-56, Cl. 94-47.14.
- Masonite Corp.: See—
- Boehm, Robert M., and Simpson. 2,766,162.
- Bustin, Norris L., and Smith. 2,775,170.
- Foley, Edward A. 2,767,683.
- Green, Walter P., Jr., and Meek. 2,766,139.
- Ingrassia, Angelo P., and Ruffin. 2,744,047.
- Saums, William A., and Schoen. 2,759,856.
- Mass, August G. Safety razor. 2,753,628, 7-10-56, Cl. 30-60.5.
- Massa, Frank. Reduction of friction between a fluid and the wall of a conduit through which the fluid is passing. 2,738,173, 3-13-56, Cl. 259-2.
- Massa, Frank. Means for reducing static friction. 2,746,813, 5-22-56, Cl. 308-1.
- Massa, Victor F., and B. B. Russell, 3rd, to Esso Research and Engineering Co. Gasoline type fuel composition. 2,739,049, 3-20-56, Cl. 44-69.
- Massarotti, Mario. Automatic pre-setting apparatus for operating a speed mechanism, particularly for vehicles. 2,761,324, 9-5-56, Cl. 7-334.
- Massaut, Pierre H. J., to International Standard Electric Corp. Audio frequency output amplifier. 2,740,850, 4-3-56, Cl. 179-171.
- Massengill, S. E., Co. The: See—
- Cronheim, Georg E., Leake, and Fielden. 2,765,305.
- Massey, Albert G., to Curtiss-Wright Corp. Hydraulic governor compensation system. 2,769,431, 11-6-56, Cl. 121-42.
- Massey, Albert G., to Curtiss-Wright Corp. Hydraulic governor compensation system. 2,769,432, 11-6-56, Cl. 121-42.
- Massey, B. & S., Ltd.: See—
- Poster, John. 2,745,530.
- Massey, Bernard S., to The Bristol Aeroplane Co. Ltd. De-aerating liquids from gaseous dispersions. 2,745,513, 5-15-56, Cl. 182-76.
- Massey, Bernard S., and D. G. Bush, to The Bristol Aeroplane Co. Ltd. Shaft coupling. 2,744,395, 5-8-56, Cl. 64-9.
- Massey-Harris-Ferguson Ltd.: See—
- Chambers, John M., and McNeice. 2,750,030.
- Harp, Harry. 2,753,675.
- Klemm, Herman G. 2,773,369.
- Luke, Albert R. J. 2,738,811.
- Senkowski, Alexander, and Belkowski. 2,741,323.
- Todd, Everett W. 2,738,848.
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- Massey-Harris-Ferguson Ltd.: See—
- Ashton, Robert. 2,755,912.
- Bjerre, Feder. 2,793,355.
- Bjerre, Feder. 2,768,773.
- Chambers, John M., and McNeice. 2,765,627.
- Gardner, Guy F. 2,765,722.
- Hodges, Leonard S. 2,765,195.
- Sharven, Theo. 2,770,249.
- Massey-Harris-Ferguson (Sales) Ltd.: See—
- Chambers, John M., and McNeice. 2,743,934.
- Chambers, John M., and McNeice. 2,775,179.
- Chambers, John M., and McNeice. 2,775,178.
- McNeice, James. 2,774,154.
- Senkowski, Alexander, and Belkowski. 2,756,884.
- Senkowski, Alexander, and Cooper. 2,775,308.
- Massey, Lester G., to Universal Oil Products Co. Contacting of solid material with liquid phase reactant streams. 2,762,683, 9-11-56, Cl. 23-1.
- Massey, Mark F., to the United States of America as represented by the Secretary of War. Impact fuse for projectiles. 2,764,092, 9-25-56, Cl. 102-73.
- Massey, Theodore R., to Marathon Corp. Laminated sheet material for packaging moisture-containing foods. 2,737,467, 3-6-56, Cl. 154-50.
- Massey, Phillip S., and R. C. Reilly, to Phillips Petroleum Co. Tank switching system. 2,769,455, 11-6-56, Cl. 137-122.
- Massey, Theodore R., to Marathon Corp. Laminated sheet material for packaging moisture-containing foods. 2,737,467, 3-6-56, Cl. 154-50.
- Masiello, Manfred J.: See—
- Wince, Richard, and Masiello. 2,767,537.
- Massillon-Cleveland-Akron Sign Co., The: See—
- Frey, Edward. 2,764,830.
- Masson, Enrique C.: See—
- Felz Alvarez, Francisco, and J. Felz Alvarez. 2,732,806.
- Masson, Randolph. Instrument for attaching fishhooks to leaders. 2,734,299, 2-1-56, Cl. 43-41.
- Master Development Co., Inc.: See—
- Master, Gifford M. 2,771,013.
- Master, George W., and T. I. Fand, to Nepera Chemical Co., Inc. Therapeutic compositions comprising acenonyl, grammidin and quaternary ammonium salt of thonzylamine. 2,730,483, 1-10-56, Cl. 167-65.
- Master, Gifford M., to Master Development Co., Inc. Stereoscopic camera. 2,771,018, 11-20-56, Cl. 95-18.
- Mastache, Leno J.: See—
- Sheppard, Richard L., Mastache, Shapiro, and Buck. 2,751,812.
- Mastagli, Pierre, to Societe Anonyme dite: Etablissements Huillard. Method for the catalytic hydrogenation of furfural. 2,763,666, 9-18-56, Cl. 260-347.8.
- Mastella, Louis, to Wm. Wrigley Jr. Co. Mechanism for applying indicia to packages or the like. 2,775,193, 12-25-56, Cl. 101-37.
- Master Addresser Co.: See—
- Wright, Ansel J., and Rosenlund. 2,757,609.
- Wright, Ansel J., and Rosenlund. 2,763,205.
- Master Electric Co., The: See—
- Horvath, Anthony G., Kuner, and Wolfe. 2,744,202.
- Master Industries, Inc.: See—
- Banowitz, Michael W., Sr. 2,756,457.
- Master Lock Co.: See—
- Soref, Harry E., and Foote. 2,735,165.
- Master Craft Decalcomania Co.: See—
- Northrup, Paul A. 2,768,460.
- Mastercraft Plastics Co., Inc.: See—
- Boltuch, Salo M., and F. and R. Monaco. 2,759,478.
- Mastercraft Trailers, Inc.: See—
- Roy, Dwight B. 2,746,622.
- Masters, John E., to Devco & Reynolds Co., Inc. Manufacture of epoxide resins. 2,767,157, 10-16-56, Cl. 260-47.
- Masterston, Earl E., to Radio Corp. of America. Magnetic sound-recording and reproducing machine. 2,743,878, 5-1-56, Cl. 242-55.
- Masterston, Earl E., to Radio Corp. of America. Tape tension and control. 2,745,604, 5-15-56, Cl. 242-55.
- Masterston, Earl E., to Radio Corp. of America. Magnetic recording of high frequency signals. 2,773,120, 12-4-56, Cl. 178-6.6.
- Mastin, Ivan W. Serving tray mounted loud-speakers. 2,746,559, 5-22-56, Cl. 181-31.



- Mastin, Thomas G.: See—  
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- Mastin, Thomas V.: See—  
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- Mastney, Edward J., and J. H. Williams, to Oak Mfg. Co. Index mechanism. 2,770,982, 11-20-56, Cl. 74—527.
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- Mastriforte, Otto F., to Hampden Brass and Aluminum Co. Mounting for tilting arbor rotary miter saws. 2,758,615, 8-14-56, Cl. 143—36.
- Mastropole, Alfred J., to G. M. Giannini & Co. Inc. Variable electrical resistance structure. 2,773,966, 12-11-56, Cl. 201—59.
- Masuda, Sakae. Bacillus dissolving compound and method for producing same. 2,734,069, 2-7-56, Cl. 260—456.
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- Matarese, Joseph F., to United Aero Products, Inc. Adjustable water spray nozzle. 2,753,219, 7-3-56, Cl. 299—130.
- Matarese, Carlo. Method of treating vegetable material. 2,730,148, 1-10-56, Cl. 146—222.
- Matasovic, John L. Pressure regulator. 2,747,607, 5-29-56, Cl. 137—505-42.
- Mather, Joseph M., and P. F. Widmer, to Hoffmann-La Roche Inc. Method of fortifying grain products and the resulting product. 2,775,521, 12-25-56, Cl. 99—11.
- Mater, Peter L., to Standard Pyroloxol Corp. Cemented molded frame constructions. 2,761,355, 9-4-56, Cl. 88—96.
- Materiel Industriel S. A.: See—  
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- Materka, John S.: See—  
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- Matero, Leonard: See—  
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- Mathels, Aaron, to Josam Mfg. Co. Roof drain. 2,740,490, 4-1-56, Cl. 182—31.
- Matheny, Peter E. G. Gambrel. 2,750,224, 6-12-56, Cl. 294—79.
- Matheny, William F. Fin wrapping machine for heat exchanger. 2,763,364, 9-18-56, Cl. 203—75.
- Matheny, William F. Finned tube spacing supports. 2,775,433, 12-25-56, Cl. 257—262-16.
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- Mathers, Alfred L. Adjustable outrigger fishing snap. 2,730,832, 1-17-56, Cl. 43—43-11.
- Mathers, John E. Devices for mixing gases with liquids. 2,738,961, 3-20-56, Cl. 261—10.
- Mathes, Wilhelm, and W. Sauermilch, to D. F. Raschig G. m. b. H. Process for the production of pyridine aldehydes and pyridones. 2,749,351, 6-5-56, Cl. 260—297.
- Matheson, George L.: See—  
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- Matheson, James N., and E. A. Bethig, to Willson Products, Inc. Respirator with speaking diaphragm. 2,738,788, 3-20-56, Cl. 128—146.
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- Mathews Conveyor Co.: See—  
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- Mathews, Harold C., to The Airetool Mfg. Co. Method and apparatus for tube expansion. 2,736,950, 3-6-56, Cl. 29—157-5.
- Mathews, Harold C., to The Airetool Mfg. Co. Method of retractively expanding tubes into tube seats. 2,767,462, 10-23-56, Cl. 29—157-5.
- Mathews, Harold C., to The Airetool Mfg. Co. Tube expander, including a reverse rolling chuck. 2,767,766, 10-23-56, Cl. 153—82.
- Mathews, Joseph A., to Central Commercial Co. Switch mechanism. 2,773,963, 12-11-56, Cl. 200—153.
- Mathews, Lewis H. Fishhook remover. 2,736,126, 2-28-56, Cl. 43—55-5.
- Mathews, Wesley C. Ankle cinch for high boots. 2,741,039, 4-10-56, Cl. 36—58-5.
- Mathewson, Frank: See—  
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- Mathewson, Herbert R., W. M. Housch, and W. F. Covin, to The Springs Cotton Mills. Apparatus for stripping textile fabrics. 2,737,042, 3-6-56, Cl. 68—202.
- Mathey, Alcide E.: See—  
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- Matbi, Walter E., to Marchant Calculators, Inc. Mechanism for controlling accumulations around a fixed decimal and for adjusting a counter actuator in selected ordinal relation to an accumulator actuator. 2,773,646, 12-11-56, Cl. 235—63.
- Mathias, Ernest A. R.,  $\frac{1}{2}$  to A. Robertson. Suction box having roller face. 2,773,433, 12-11-56, Cl. 92—51.
- Mathias, Gerald E.: See—  
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- Mathias, John S., to Rockwell Laboratories, Inc. Poison bait dispenser and method of making same. 2,768,469, 10-30-56, Cl. 43—131.
- Mathiesen, James C., to Norden-Ketay Corp. Air-supported gyroscope. 2,729,106, 1-3-56, Cl. 74—5-7.
- Mathiesen, James C., to Norden-Ketay Corp. Balanced gyroscope. 2,735,305, 2-21-56, Cl. 74—3.
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- Mathisen, Anders,  $\frac{1}{2}$  to Graviner Mfg. Co. Ltd., and  $\frac{1}{2}$  to The Wilkinson Sword Co. Ltd. Temperature change detectors and method for producing same. 2,731,532, 1-17-56, Cl. 201—63.
- Mathisen, Anders,  $\frac{1}{2}$  to Graviner Mfg. Co. Ltd., and  $\frac{1}{2}$  to The Wilkinson Sword Co. Ltd. Appliance for suppression of explosions and prevention of fires. 2,742,094, 4-1-56, Cl. 189—28.
- Mathisen, Anders,  $\frac{1}{2}$  to Graviner Mfg. Co. Ltd., and  $\frac{1}{2}$  to The Wilkinson Sword Co. Ltd. Appliance for extinguishing fires and suppressing explosions. 2,766,832, 10-16-56, Cl. 169—9.
- Mathisen, Anders,  $\frac{1}{2}$  to Graviner Mfg. Co. Ltd., and  $\frac{1}{2}$  to The Wilkinson Sword Co. Ltd. Explosion protection systems and apparatus therefor. 2,768,261, 10-23-56, Cl. 200—83.
- Mathisen, Anders and R. Griffiths,  $\frac{1}{2}$  to Graviner Mfg. Co. Ltd., and  $\frac{1}{2}$  to The Wilkinson Sword Co. Ltd. Temperature responsive devices. 2,737,779, 2-23-56, Cl. 200—137.
- Mathison, Volney G., to N. W. Warrent, Electropsychometer or bioelectric instrument. 2,736,313, 2-23-56, Cl. 128—2-1.
- Mathues, Thomas O., and C. E. Nicely, to General Motors Corp. Method of molding articles from foamed latex. 2,751,415, 8-7-56, Cl. 18—53.
- Mattack, Richard C., F. W. Metzger, J. H. Miller, and E. Vroom, to Bell Telephone Laboratories, Inc. Multiparty selective signaling and identification system. 2,733,297, 1-31-56, Cl. 179—17.
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- Matre, Howard R.: See—  
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- Matschappij voor Koloniewerking Stambicron N. V.: See—  
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- Matson, William N., to General Electric Co. Deformable locking device used with axially recessed rotatable members. 2,737,993, 3-13-56, Cl. 151—8.
- Matson, William N. Resilient drip-proof nozzle construction. 2,741,616, 4-10-56, Cl. 222—517.
- Matsubara, Toru, and D. Terayama, to Tokyo Juki Kogyo Kabushiki Kaisha. Thread tensioning device for sewing machines. 2,746,409, 5-22-56, Cl. 112—248.
- Matsumata, Kosuke: See—  
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- Matsukawa, Taizo, and H. Kawasaki, to Takeda Pharmaceutical Industries, Ltd. Vitamin B<sub>6</sub> derivatives and the preparation thereof. 2,752,348, 6-26-56, Cl. 260—256-5.
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- Mattare, Mark A. Photolithographic printing art. 2,772,942, 12-14-56, Cl. 41—46.
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- Matter, Albert J. Shell fish processing machine. 2,772,442, 12-4-56, Cl. 17—2.
- Matter, George B., Jr., to Weyerhaeuser Timber Co. Production of hot-pressed hardboard. 2,757,113, 7-31-56, Cl. 154—101.
- Matta, Max, A. Rossi, and H. von Sprecher, to Ciba Pharmaceutical Products, Inc. Polyglycol ether acid anilides. 2,769,838, 11-6-56, Cl. 260—562.
- Mattern, John, to General Electric Co. Broadband balanced attenuator. 2,744,220, 5-28-56, Cl. 250—20.
- Matteson, Arthur W.: See—  
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- Mitchell, Reginald P. 2,733,601.
- Matteson, Sylvester D., Jr.: See—  
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- Mathes, Carl F., to The Meyercoord Co. Dry release transfer and method of making the same. 2,746,877, 5-22-56, Cl. 117—3-1.
- Matthes, Carl F., to The Meyercoord Co. Dry strip transfer. 2,746,893, 5-22-56, Cl. 154—46-8.

- Matthes, Carl F., to The Meyercord Co. Bleed-proof decalcomania and method of making the same. 2,758,035, 8-7-56, Cl. 117-3-6.
- Matthew, Morton P., to The Ahrendt Instrument Co., Inc. Adjustable resistor with screw-actuated wiper. 2,761,045, 8-28-56, Cl. 201-62.
- Matthew, William P., to See—
- Whitney, Lyman F., and Matthew. 2,741,932.
- Matthew, William P., and L. F. Whitney, to Isthmian Metals, Inc. Composite metal structure. 2,741,828, 4-17-56, Cl. 29-191.2.
- Matthews, Arnold, to The General Electric Co., Ltd. Apparatus for measuring mechanical quantities. 2,756,385, 7-24-56, Cl. 324-34.
- Matthews, Benjamin H., and G. L. Larimore, to The Langenau Mfg. Co. Catch with assembled spring. 2,737,407, 3-6-56, Cl. 292-128.
- Matthews, Clarence D. Auxiliary gas system for automobiles. 2,737,937, 3-18-56, Cl. 123-121.
- Matthews, George A., to I-T-E Circuit Breaker Co. Automatic recloser. 2,758,394, 3-13-56, Cl. 200-39.
- Matthews, Harry L., to J. C. Hurley. Parking device for vehicles. 2,746,554, 5-22-56, Cl. 180-1.
- Matthews, Howard W., to See—
- Berger, Emil J., and Matthews. 2,736,105.
- Matthews, John B., to See—
- Perry, George A., and Matthews. 2,738,329.
- Matthews, John R., to See—
- Patterson, Glenn R., and Matthews. 2,748,725.
- Matthews, John R., to Standard Oil Co. Catalyst flow dispersion device. 2,772,976, 11-27-56, Cl. 257-224.
- Matthews, Kenneth A., to See—
- White, Charles de B., and Matthews. 2,770,762.
- Matthews, Kenneth A., to International Standard Electric Corp. Electric crystal rectifiers. 2,770,763, 11-13-56, Cl. 317-236.
- Matthews, Kenneth A., and C. de B. White, to International Standard Electric Corp. Crystal triodes. 2,740,076, 3-27-56, Cl. 317-235.
- Matthews, Kenneth A., and R. A. Hyman, to International Standard Electric Corp. Electric rectifiers. 2,758,264, 8-7-56, Cl. 317-236.
- Matthews, Lloyd E., to See—
- Bell, John F., and Matthews. 2,753,457.
- Matthews, Loraine S. Diaper. 2,743,725, 5-1-56, Cl. 128-284.
- Matthews, Louis L., to Maxson Automatic Machinery Co. Machine for folding, cutting, feeding and stacking sheet material. 2,766,039, 10-9-56, Cl. 270-21.
- Matthews, Louis L., and M. L. to Maxson Automatic Machinery Co. Feeding-and-stacking method and machine. 2,756,050, 7-24-56, Cl. 271-64.
- Matthews, Lyle E., to the United States of America as represented by the Secretary of the Navy. Vibrator device. 2,771,859, 11-27-56, Cl. 121-17.
- Matthews, Martin L., to See—
- Matthews, Louis L., and M. L. 2,756,050.
- Matthews, Milton C., to General Motors Corp. Stator and method of making same. 2,774,897, 12-18-56, Cl. 310-217.
- Matthews, Robert L., to See—
- Smith, Floyd D., and Matthews. 2,732,701.
- Matthews, Rose C., and C. A. Hemsing. Interchangeable eyeglass frame. 2,738,709, 3-20-56, Cl. 88-41.
- Matthews, Russell B., to Milwaukee Gas Specialty Co. Electromagnetic control device. 2,738,450, 3-13-56, Cl. 317-197.
- Matthews, Russell B., to Milwaukee Gas Specialty Co. Safety shut-off and automatic control device for gaseous fuel burners. 2,742,915, 4-24-56, Cl. 137-66.
- Matthews, Russell B., to Milwaukee Gas Specialty Co. Control apparatus. 2,751,975, 6-26-56, Cl. 158-122.
- Matthews, Russell B., to Milwaukee Gas Specialty Co. Condition responsive control device. 2,752,457, 6-26-56, Cl. 140-140.
- Matthews, Russell B., to Milwaukee Gas Specialty Co. Electromagnetic control device. 2,762,000, 9-4-56, Cl. 317-168.
- Matthews, Russell B., to Milwaukee Gas Specialty Co. Modulating and shut-off control apparatus. 2,767,923, 10-23-56, Cl. 236-9.
- Matthews, Russell B., to Milwaukee Gas Specialty Co. Electromagnetic control device. 2,769,943, 11-6-56, Cl. 317-168.
- Matthews, Russell B., and J. H. Thornberry, to Milwaukee Gas Specialty Co. Electromagnetic control device. 2,774,016, 12-11-56, Cl. 317-167.
- Matthews, Thomas A., II, to The Pure Oil Co. Composition and method of inhibiting the corrosion of ferrous equipment used in the regeneration and boiling of alkali metal solutions. 2,761,765, 9-4-56, Cl. 23-184.
- Matthias, Bernd T., to See—
- Corenzwit, Ernest, and Matthias. 2,763,548.
- Matthias, Hans A., to Ford Motor Co. Torsion bar suspension for motor vehicles. 2,741,493, 4-10-56, Cl. 280-124.
- Matthias, Hans A., and G. H. Muller, to Ford Motor Co. Independent wheel suspension for motor vehicles. 2,757,017, 7-31-56, Cl. 280-124.
- Matthias, Lynn H., to See—
- Dehn, William F., and Matthias. 2,755,354.
- Glogau, Manfred L., and Matthias. 2,762,876.
- Matthias, Lynn H., to Allen-Bradley Co. Switch for overload protecting circuits. 2,743,326, 4-24-56, Cl. 200-124.
- Matthias, Roland A., to See—
- Method of making buttonholes. 2,731,644, 1-24-56, Cl. 2-266.
- Matthysse, Irving F., to Burndy Engineering Co., Inc. In-line clamp connector. 2,738,477, 3-13-56, Cl. 339-47.
- Mattie, Alexander T. R., and A. Hirsch, to National Research Development Corp. Manufacture and preservation of cheese. 2,744,827, 5-8-56, Cl. 99-162.
- Mattikow, Morris, to See—
- Cheney, Martin G., Kunin, Mattikow, and Thurman. 2,771,480.
- Perlman, David, and Mattikow. 2,746,957.
- Mattil, Karl F., to See—
- Norris, Frank A., and Mattil. 2,763,555.
- Mattila, Risto, and R. J. Sims, to Swift & Co. Stabilization of fats and oils. 2,759,829, 8-21-56, Cl. 99-163.
- Mattimoe, George E., and E. G. Stehn, to T. R. Mantes, d. b. a. T. R. Mantes Co. Retractable filling valve of the lance type. 2,750,091, 6-12-56, Cl. 226-93.
- Mattinson, Charles B., to The Coleman Co., Inc. Valve and fluid control conduit. 2,733,889, 7-56, Cl. 251-95.
- Mattings, Lawrence J., to Motorola, Inc. Neutralized amplifier. 2,769,869, 11-6-56, Cl. 179-171.
- Mattings, Virdean R., and G. C. Mallory, to Mattco, Inc. Folding stairs. 2,732,809, 1-31-56, Cl. 103-216.
- Mattinson, Donald H., to Rolls-Royce Ltd. Gas turbine engine with exhaust gas heating means. 2,753,685, 7-10-56, Cl. 60-35.6.
- Mattis, George, and S. Rapp, to See—
- Rapp, assor. to said Mattis. 2,743,851, 5-1-56, Cl. 228-30.
- Mattison, Edwin L., to See—
- Gittins, Thomas W., and Mattison. 2,763,673.
- Mattison, Edwin L., to E. I. du Pont de Nemours & Co. Preparation of lead-sodium alloy and tetraethyllead. 2,744,129, 3-13-56, Cl. 260-437.
- Mattke, Charles F., to Bell Telephone Laboratories, Inc. Non-intermittent projector for motion pictures. 2,770,163, 11-13-56, Cl. 88-16.8.
- Matt, Robert G. Bottle cap. 2,738,091, 3-13-56, Cl. 215-36.
- Mattox, William J., to See—
- Buehnan, Fred J., and Mattox. 2,735,862.
- Mattox, William J., to Esso Research and Engineering Co. Alcohol synthesis process. 2,731,503, 1-17-56, Cl. 260-638.
- Mattox, William J., to Esso Research and Engineering Co. Catalytic conversion of contaminated hydrocarbons. 2,742,405, 4-17-56, Cl. 196-52.
- Mattox, William J., to Esso Research and Engineering Co. Naphtha from fluid coking of residua. 2,742,518, 4-17-56, Cl. 260-638.
- Mattox, William J., to Esso Research and Engineering Co. Fluid hydroforming process. 2,756,187, 7-24-56, Cl. 196-52.
- Mattox, William J., R. W. Richardson, and R. W. Krebs, to Esso Research and Engineering Co. Integrated process for coking, agglomerating and calcining hydrocarbon oil. 2,736,090, 2-28-56, Cl. 202-26.
- Mattson, Raymond W., to Radio Corp. of America. Apparatus for positioning and welding supports in a cylindrical structure. 2,749,418, 6-5-56, Cl. 219-4.
- Mattson, David F., and A. L. Paulsen, to Atkinson Bulk Transport Co. Bin filling apparatus. 2,743,965, 5-1-56, Cl. 260-638.
- Mattson, Eddie P. Seed separating and feeding mechanism. 2,770,400, 11-13-56, Cl. 222-222.
- Mattson, Edwin A., to G. H. Tennant Co. Dust mop. 2,756,453, 7-31-56, Cl. 15-229.
- Mattson, George W., to See—
- Baker, Ralph W., Mattson, and Padgett. 2,729,239.
- Mattson, Raymond W., to Union Oil Co. of California. Catalytic reactor. 2,768,882, 10-30-56, Cl. 23-288.
- Mattson, Raymond W., to Union Oil Co. of California. Pest control utilizing pesticidal compositions of phosphorus. 2,769,748, 11-6-56, Cl. 167-30.
- Mattson, Raymond W., and F. S. Scott, to Union Oil Co. of California. Fuel oil additive. 2,736,641, 2-28-56, Cl. 4-196.
- Matulatis, Victor E., to Elox Corp. of Michigan. Arc machining. 2,769,078, 10-30-56, Cl. 219-69.
- Matuska, Stephen A., to See—
- MacKenzie, William E., and Matuska. 2,729,098.
- Matuska, Stephen A., to Esso Research and Engineering Co. Rust inhibitor. 2,759,894, 8-21-56, Cl. 252-115.
- Matuszak, Alfred H., and E. V. Wilson, to Esso Research and Engineering Co. Stabilized synthetic lubricant. 2,743,284, 4-24-56, Cl. 252-46.7.
- Matuszak, Alfred H., J. H. Bartlett, and A. J. Morway, to Esso Research and Engineering Co. Synthetic lubricating composition. 2,757,139, 7-31-56, Cl. 252-56.
- Matuzas, Anthony J., to The Singer Mfg. Co. Sewing machine face-plates. 2,756,705, 7-31-56, Cl. 112-259.
- Matvechuk, George, to See—
- Pascoe, George, and Matvechuk. 2,729,581.
- Matz, Herman A. Weedless live bait fishing plug. 2,774,169, 12-18-56, Cl. 43-41.
- Matzen, Bernard. Orthodontic instrument for correcting the bite of natural teeth. 2,739,383, 3-27-56, Cl. 32-14.
- Mauborgne, Paul. Fishing reel. 2,762,579, 9-11-56, Cl. 242-84.1.
- Mauborgne, Paul. Line-winding mechanism for fishing reels with fixed drums. 2,771,253, 11-20-56, Cl. 242-84.1.
- Mauch, Walter G. Spreader for road surfacing materials. 2,762,276, 9-11-56, Cl. 94-44.
- Maud, Francis, to Selco Corp. of America. Heating apparatus. 2,749,106, 6-5-56, Cl. 263-6.



- Maude, Aylmer H., and D. S. Rosenberg, to Hooker Electrochemical Co. Dichlorination of octachlorocyclopentene to hexachlorocyclopentadiene. 2,742,506, 4-17-56, Cl. 260-648.
- Maudru, Joseph E.: See—  
Daniels, Robert M. Maudru, and Rorabaugh. 2,744,840.
- Maue, Marilyn J., to The M. W. Kellogg Co. Polymerization of cyclooctatetraene. 2,758,989, 8-14-56, Cl. 260-93.1.
- Mauer, Paul B., and C. R. Taylor, to Eastman Kodak Co. Crystal type dosimeter. 2,763,786, 9-18-56, Cl. 250-83.
- Mauge, Marcel R.: See—  
Borel, Pierre C., and Mauge. 2,761,902.
- Mauge, Marcel R., to International Standard Electric Corp. Signalling systems used for characterizing subscriber's lines in a telephone network. 2,761,904, 9-4-56, Cl. 179-18.
- Mauge, Marcel R., and J. R. A. F. Escande, to International Standard Electric Corp. Outgoing junction circuit. 2,740,840, 4-3-56, Cl. 179-18.
- Mangh, Murrel C. Load weighing device. Re. 24,200, 8-21-56, Cl. 265-40.
- Maughan, George T.: See—  
Vince, Alan, Welham, and Maughan. 2,737,725.
- Maul, John A.: See—  
Jackson, John, Maul, and Pohl. 2,736,476.
- Maul, John A., to American Machine and Foundry Co. Moisture measuring method and apparatus. 2,768,629, 10-30-56, Cl. 131-135.
- Maul, Michael: See—  
Pfeiffer, Max. 2,750,112.
- Maul, Michael. Keyboard operated multi-deck record perforating machines. 2,729,289, 1-3-56, Cl. 164-112.
- Maul, Michael. Multi-deck record perforating machines. 2,729,290, 1-3-56, Cl. 164-112.
- Maul, Michael. Record card controlled calculating machine. 2,741,431, 4-10-56, Cl. 235-61.9.
- Maul, Michael. Record controlled machines with cross connecting board. 2,746,680, 5-22-56, Cl. 235-61.6.
- Maul, Michael. Record card operating upon perforated record cards. 2,749,986, 6-12-56, Cl. 164-113.
- Maul, Michael. Multiplying machines. 2,750,111, 6-12-56, Cl. 235-61.6.
- Maul, Michael. Machines for transferring records from one card to another. 2,751,007, 6-19-56, Cl. 164-115.
- Maul, Michael. Record card controlled machines having group control mechanism. 2,773,644, 12-11-56, Cl. 235-61.7.
- Mauney, Paul, and C. J. Ford, to The Goodyear Tire & Rubber Co. Inflatable fabric segment of curved configuration and the method of making the same. 2,743,510, 5-1-56, Cl. 28-74.
- Maunz, Hugo I. Scissors. 2,737,718, 3-13-56, Cl. 30-226.
- Maurer, Fred D., D. E. De Tray, K. L. Kuttler, and A. M. Webb, to the United States of America as represented by the Secretary of the Army. Rinderpest adjuvant vaccine. 2,758,176, 7-24-56, Cl. 167-78.
- Maurer, George P., to The Faile Corp. Gear crowning machine. 2,762,268, 9-11-56, Cl. 90-1.6.
- Maurer, Pierre. Reclining chair with foot rest articulation. 2,764,224, 9-25-56, Cl. 155-106.
- Maurits, Orville C., and P. H. Greengood, to Dexter Industries, Inc. Deadlocking mechanism for auxiliary door locks. 2,769,652, 11-6-56, Cl. 292-169.
- Mauro, Bernard A., to M. Johnson. Perforated plate-type strainer. 2,772,002, 11-27-56, Cl. 210-169.
- Mauro, Eugene. Head protector. 2,753,561, 7-10-56, Cl. 2-3.
- Mauch, Irving. Walking doll with adjustable hip joints. 2,775,063, 12-25-56, Cl. 46-149.
- Mauthe, C. C. Soc. En Com. Por Acciones: See—  
Hagel, Jakob. 2,766,611.
- Mauthe, Gustav: See—  
Meister, Martin, and Mauthe. 2,733,977.
- Mautner, Leonard, and R. C. Palmer, to Allen B. Du Mont Laboratories, Inc. Pulse oscillators. 2,743,363, 4-24-56, Cl. 250-36.
- Mautner, Robert S.: See—  
Selbmann, Rudolf W., Tahara, and Mautner. 2,762,925.
- Mautner, Steven E., to Skydvne, Inc. Shipping case or the like. 2,743,029, 4-24-56, Cl. 217-56.
- Mautner, Steven E., to Skydvne, Inc. Corner construction for a receptacle. 2,764,314, 9-25-56, Cl. 220-84.
- Mautner, Steven E., to Skydvne, Inc. Seal means for a receptacle. 2,767,874, 10-25-56, Cl. 217-55.
- Mautner, Steven E., to Skydvne, Inc. Frame member for a receptacle. 2,767,876, 10-25-56, Cl. 217-65.
- Mautone, Francesco F., to Admiral Corp. Metal article deforming method and apparatus therefor. 2,729,884, 1-10-56, Cl. 29-522.
- Mautone, Francesco F., to Admiral Corp. Terminal connection. 2,738,481, 3-13-56, Cl. 339-193.
- Mautz, Paul E., to Owens-Corning Fiberglass Corp. Cushions and cushioning material. 2,742,652, 4-24-56, Cl. 5-361.
- Maveri, Dino: See—  
Battarini, Arnoldo, Maveri, Melloni, and Frigeri. 2,773,740.
- Mavity, Julian M., to Universal Oil Products Co. Manufacture of solid phosphoric acid catalysts. 2,738,336, 3-13-56, Cl. 252-435.
- Mavity, Julian M., to Universal Oil Products Co. Preparation of aromatic thiocarbonates. 2,745,878, 5-15-56, Cl. 260-609.
- Mavity, Julian M., to Universal Oil Products Co. Preparation of mixed ethers. 2,746,995, 5-22-56, Cl. 260-612.
- Mavity, Victor T. Carburetion system. 2,767,070, 10-16-56, Cl. 48-184.
- Mavor & Coulson Ltd.: See—  
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- Reed, Robert H. 2,757,374.
- Thomson, James. 2,760,623.
- Mawbey, Lawrence, to United Shoe Machinery Corp. Heel loading machines. 2,768,379, 10-30-56, Cl. 1-203.
- Mawbey, Lawrence, to United Shoe Machinery Corp. Leather grading machine. 2,770,047, 11-13-56, Cl. 33-147.
- Mawson, Ronald: See—  
Chubb, Alexander A., Mawson, and Levy. 2,732,433.
- Max, Adolphe B.: See—  
Duval, Jean P. 2,740,176.
- Max, Nicolaas, and Y. Schaafsma, to Shell Development Co. Production of aliphatic aromatic hydrocarbons. 2,730,557, 1-10-56, Cl. 260-671.
- Max, Skolnick, and J. Boxer. Sleep inhibitor for automobile drivers. Re. 24,197, 8-21-56, Cl. 340-279.
- Maxey, Herby R., Jr. Desk pocket tissue package dispenser. 2,744,029, 7-10-56, Cl. 221-46.
- Maxey, Herby R., Jr., and F. T. Wright. Mechanical football center. 2,767,985, 10-23-56, Cl. 273-35.
- Maxcy, William J., and H. L. Sanders, to General Aniline & Film Corp. Impregnated scouring pad. 2,733,211, 1-31-56, Cl. 252-381.
- Maxfield, Harold C.: See—  
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- Maxim Motor Co.: See—  
Arps, Edmund J. 2,732,992.
- Arps, Edmund J. 2,742,216.
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Bourne, Roland B. 2,759,558.
- Bourne, Roland B. 2,759,559.
- Tyskewicz, John P. 2,764,535.
- Maximoff, Boris S., to the United States of America as represented by the Secretary of the Air Force. Electric deviation gage for Shoran straight line indicators. 2,744,328, 5-8-56, Cl. 33-1.
- Maxson Automatic Machinery Co.: See—  
Matthews, Louis L. 2,766,039.
- Matthews, Louis L. and M. L. 2,756,050.
- Maxson, Donald D., to Chase Aircraft Co., Inc. Selectively reversible and irreversible control mechanisms. 2,743,799, 5-1-56, Cl. 192-8.
- Maxson, W. L., Corp., The: See—  
Grady, Charles B., Jr. 2,747,156.
- Grady, Charles B., Jr. 2,751,495.
- Lander, Wallace A., and Pasclano. 2,743,331.
- Robbins, Azor D. 2,711,793.
- Maxwell, Carl A., to The Babcock & Wilcox Co. Method of making a pipe line. 2,754,577, 7-17-56, Cl. 29-523.
- Maxwell, Carl R., and S. J. Kranc, to Caterpillar Tractor Co. Fuel injection nozzle and valve assembly. 2,749,181, 6-5-56, Cl. 299-17.6.
- Maxwell, Ernest D. W.: See—  
Hurthig, Peter E. 2,756,830.
- Maxwell, George E. Anchor holder. 2,743,696, 5-1-56, Cl. 114-210.
- Maxwell, George R., Jr., to Allegheny Ludlum Steel Corp. Process of treating silicon iron strip. 2,765,246, 10-2-56, Cl. 148-111.
- Maxwell, Glenn W.: See—  
Maxwell, Walter. 2,771,024.
- Maxwell, Ira C., O. H. Langen, and P. W. Tongen, to The Unipress Co., Inc. Pressing machine. 2,729,370, 1-3-56, Cl. 223-73.
- Maxwell, Ira C., O. H. Langen, and P. W. Tongen, to The Unipress Co., Inc. Bucks for pressing machines. 2,742,206, 4-17-56, Cl. 223-73.
- Maxwell, Ira C., and H. V. Hoivre, to The Unipress Co., Inc. Pressing machine. 2,760,698, 8-23-56, Cl. 223-73.
- Maxwell, Jay P. Fruit harvesting ladder. 2,742,217, 4-17-56, Cl. 228-34.
- Maxwell, John A. Method of making a brake shoe. 2,746,142, 5-22-56, Cl. 2-522.
- Maxwell, John M. Suction flow device. 2,757,686, 8-7-56, Cl. 137-574.
- Maxwell, John W.: See—  
Bliss, Joseph A., Lakin, Maxwell, and Schoch. 2,758,258.
- Maxwell, Loyal C., and W. M. Thompson, to Armour and Co. Preparation of pancreatic enzymes-ribonuclease, trypsinogen, chymotrypsin B and alpha chymotrypsin. 2,751,329, 6-19-56, Cl. 195-66.
- Maxwell, Loyal C., and W. M. Thompson, to Armour and Co. Recovery of enzymes from pancreas gland residues subsequent to insulin removal. 2,758,055, 8-7-56, Cl. 195-66.
- Maxwell, Thomas M., Jr.: See—  
Maxwell, Ervin M., Alter, and Maxwell. 2,762,017.
- Maxwell, Walter, to G. W. Maxwell. Tensioning adjusting device for the baling chambers of baling presses. 2,771,024, 11-20-56, Cl. 100-43.
- May, Allan S., to Bell Telephone Laboratories, Inc. High frequency attenuator means. 2,760,170, 8-21-56, Cl. 333-81.
- May & Baker Ltd.: See—  
Barber, Harry J. 2,740,808.
- Barber, Harry J., and Green. 2,733,257.
- Barber, Harry J., and Green. 2,733,271.
- Barber, Harry J., and Green. 2,734,918.
- Freeman, Wilfred A., and Slack. 2,751,395.
- Wien, Ronald, Ashley, and Leeds. 2,731,500.

- May, Claude H.: See—  
Rockwood, Albert M., Ballmer, and May. 2,731,849.
- May, Claude H., to the Murray Corp. of America. Two-direction engine starter. 2,750,934, 6-19-56, Cl. 123-179.
- May, Claude H., to the Murray Corp. of America. Variable gear ratio power transmission apparatus. 2,754,691, 7-17-56, Cl. 74-472.
- May, Claude H., J. E. Ballmer, and T. M. Trainer, to the Murray Corp. of America. Disk-type brake. 2,772,756, 12-4-56, Cl. 183-152.
- May, Clayton A.: See—  
Wheatstone, Richard R., and May. 2,767,206.
- May, Edwin A., to Becton Dickinson and Co. Injection apparatus. Re. 2,724,115-77-56, Cl. 128-173.
- May, Elliot D., and D. L. Webster, to Baxter D. Whitney & Son, Inc. Facing machine with resilient fingers belt feed. 2,732,867, 1-31-56, Cl. 144-128.
- May, Frederick T., and T. Hamilton, to Westinghouse Electric Corp. Stem machine feed control. 2,763,963, 9-25-56, Cl. 49-2.
- May, Harry C., to Westinghouse Air Brake Co. Pneumatic apparatus for controlling the flow of sand from a sand hopper. 2,760,653, 8-28-56, Cl. 214-2.
- May Hosiery Mills: See—  
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Minton, Clarence W., and O'Hara. 2,775,106.
- May, John W., to Deering Milliken Research Corp. Yarn tail disposal device. 2,729,581, 1-27-56, Cl. 242-10.
- May, John W., and N. E. Klein, to Deering Milliken Research Corp. Folding machine. 2,767,980, 10-23-56, Cl. 270-94.
- May, Joseph, to General Motors Corp. Bolt tensioner and wrench. 2,729,219, 2-28-56, Cl. 81-52.4.
- May, Joseph E., to Sperry Rand Corp. Ribbon shift mechanism for business machines. 2,747,718, 5-29-56, Cl. 197-157.
- May, Otto H., to May-Pressbau G. m. b. H. Drawing press. 2,731,140, 1-17-56, Cl. 205-4.
- May, Patrick L.: See—  
Bardwell, Howard F., and May. 2,775,190.
- May-Pressbau G. m. b. H.: See—  
May, Otto H. 2,731,140.
- May, Walter G., and G. L. Matheson, deceased (by The Summit Trust Co., executor), to Esso Research and Engineering Co. Standpipe for coarse solids and method of operating. 2,748,810, 5-22-56, Cl. 302-52.
- May, Walter G., and G. L. Matheson, deceased (by The Summit Trust Co., executor), to Esso Research and Engineering Co. Suspension-type polymerization process. 2,761,889, 9-4-56, Cl. 260-683.15.
- May, William F.: See—  
May, Foley, Adrian M., May, and Sackett. 2,764,313.
- Maybach, Gerald E., to Gould-National Batteries, Inc. Storage battery watering device. 2,769,465, 11-6-56, Cl. 141-96.
- Maybach, Karl, to Maybach-Motorenbau G. m. b. H. Screw connection for pistons. 2,739,851, 3-2-56, Cl. 309-15.
- Maybach, Karl, to Maybach-Motorenbau G. m. b. H. Screw connection for multipartite pistons of internal combustion engines. 2,743,143, 4-24-56, Cl. 309-15.
- Maybach, Karl, and R. Seifert, to Maybach-Motorenbau G. m. b. H. Multicrank driving mechanism for internal-combustion engines. 2,729,117, 1-3-56, Cl. 74-596.
- Maybach, Karl, G. Mohr, and R. Seifert, to Maybach-Motorenbau G. m. b. H. Crank pin bearing for connecting rods of internal-combustion engines. 2,729,521, 1-3-56, Cl. 308-237.
- Maybach, Karl, M. von Kienlin, and R. Seifert, to Maybach Motorenbau G. m. b. H. Oil-cooled piston for a high speed internal combustion engine, particularly for a diesel motor for vehicles. 2,759,461, 8-21-56, Cl. 123-41.55.
- Maybach-Motorenbau G. m. b. H.: See—  
Maybach, Karl. 2,739,854.  
Maybach, Karl. 2,743,143.  
Maybach, Karl, Mohr, and Seifert. 2,729,521.  
Maybach, Karl, and Seifert. 2,729,117.  
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Meyer, Gustav. 2,762,230.  
Seifert, Richard. 2,764,669.  
Seifert, Richard, and Reiter. 2,739,440.
- Maybrier, Osborne. Safety guard for a tractor operator. 2,729,462, 1-3-56, Cl. 280-150.
- Maycock, Russel L., and G. M. Hartwig, to Shell Development Co. Method and apparatus for contacting liquids by reciprocal dispersion. 2,729,550, 1-3-56, Cl. 23-310.
- Maycock, Russel L., and G. M. Hartwig, to Shell Development Co. Method and apparatus for contacting liquids by reciprocal dispersion. 2,767,068, 10-16-56, Cl. 23-310.
- Mayenschein, Henry D., and E. Velyz, Apparatus for cooling cement clinker. 2,774,587, 12-18-56, Cl. 263-32.
- Mayer, Arthur G.: See—  
Schilling, Paul O., and Mayer. 2,772,661.
- Mayer, Charles M.: See—  
Hoff, John M., and Mayer. 2,761,502.
- Mayer, Donald W., to June-Sol Electric Co. Image reproducing tube. 2,762,943, 9-11-56, Cl. 313-92.
- Mayer, Eugen. Claw and lever actuated, slidable side jaw wrench. 2,765,690, 10-9-56, Cl. 81-127.
- Mayer, Eugene O., to The Singer Mfg. Co. Presser device for sewing machines. 2,743,690, 5-1-56, Cl. 112-237.
- Mayer, Harry F., to the United States of America as represented by the Secretary of the Air Force. Alternating current voltage regulator. 2,754,471, 7-10-56, Cl. 323-43.5.
- Mayer, Harry F., to General Electric Co. Electronic control circuit. 2,764,684, 9-25-56, Cl. 250-36.
- Mayer, Ivan, and E. J. Gornowski, to Esso Research and Engineering Co. Combination catalytic polymerization process. 2,766,311, 10-9-56, Cl. 260-683.15.
- Mayer, James R. Convertible table and seat. 2,735,478, 2-21-56, Cl. 155-43.
- Mayer, Jiri: See—  
Civert, Josef, Nemecek, and Mayer. 2,773,880.
- Mayer, John J. Temperature control for rollers subjected to heat. 2,772,075, 11-27-56, Cl. 237-95.
- Mayer, Lazare. Hairnet. 2,740,412, 4-3-56, Cl. 132-49.
- Mayer, Ludwig J., to the United States of America as represented by the Secretary of the Air Force. Frequency multiplier. 2,747,129, 5-22-56, Cl. 315-6.
- Mayer, Maurice W.: See—  
Harding, Clarke T., Mayer, and Wright. 2,731,396.
- Mayer, Dr. Max: See—  
Traurig, Alfons. 2,731,721.
- Mayer, Oscar, & Co., Inc.: See—  
Seiferth, Oscar E. 2,744,020.
- Mayer, Perry E., to Allied Chemical & Dye Corp. Continuous process for clarifying creosote oils. 2,744,059, 5-1-56, Cl. 196-146.
- Mayer, Robert, to H. H. Fox. Potato peeler. 2,748,819, 6-5-56, Cl. 146-49.
- Mayer, Robert H., to The Glenn L. Martin Co. Integrator. 2,743,131, 4-3-56, Cl. 132-23.
- Mayer, Robert L., to The Astatic Corp. Electro-mechanical pick-up cartridge with reversible stylus mounting. 2,742,530, 4-17-56, Cl. 179-100.41.
- Mayer, Simon E., to International Standard Electric Corp. Light source or rectifier. 2,749,488, 6-5-56, Cl. 317-23.
- Mayer, Simon E., and R. A. Hill, to International Standard Electric Corp. Dry contact rectifiers. 2,749,489, 6-5-56, Cl. 317-238.
- Mayers, John W., to Chadeloid Corp. Stain filler combination for wood. 2,746,873, 5-1-56, Cl. 106-34.
- Mayer, Fred M., to Sun Oil Co. Method for least squares adjustment of survey nets. 2,734,682, 2-14-56, Cl. 235-61.
- Mayfield, James R. Rat bait self-feeder. 2,764,840, 10-2-56, Cl. 43-131.
- Mayfield, M. L.: See—  
Edwards, Jack E. 2,772,740.
- Mayfield, William D. Fertilizer spreader. 2,740,634, 4-3-56, Cl. 275-10.
- Mayhew, David D.: See—  
Hedquist, Milton T., Harroun, Mayhew, Van De Sempel, and Whalen. 2,766,674.  
Hedquist, Milton T., Mayhew, Van De Sempel, and Whalen. 2,753,783.
- Mayhew, Raymond L., G. G. Nunn, and R. L. Sundberg, to General Aniline & Film Corp. Polyoxetylated alkyl phenol emulsification of insoluble hydrocarbon insecticides. 2,774,708, 12-18-56, Cl. 167-42.
- Mayhew, Robert L., to Hydrocarbon Research, Inc. Apparatus for fractionation of hydrocarbons. 2,772,729, 12-4-56, Cl. 158-109.
- Maykemper, Henry. Hand pressing stem and sprinkling iron. 2,729,904, 1-10-56, Cl. 38-77.
- Maykemper, Henry, to National Presto Industries, Inc. Sprinkling and steaming flat iron. 2,741,044, 4-10-56, Cl. 38-77.
- Maykuth, Daniel J.: See—  
Jaffee, Robert L., Ogden, and Maykuth. 2,754,204.  
Jaffee, Robert L., Ogden, and Maykuth. 2,754,205.
- Mayland, Bertrand J., to Phillips Petroleum Co. Process using nickel carbonyl in hydrogenation, desulfurization, and gasification of carbonaceous materials. 2,756,194, 7-24-56, Cl. 196-53.
- Mayland, Helmut, and H. Strib, to Robert Bosch G. m. b. H. Electric condenser. 2,741,730, 4-10-56, Cl. 317-258.
- Maynard, Charles A., to The Indiana Steel Products Co. Automatic measuring liquid dispenser. 2,740,553, 4-3-56, Cl. 22-2.
- Maynard, Charles E., to Pro-Ply-lac-tic Brush Co. Machine for preparing bristles for brushes. 2,760,827, 8-28-56, Cl. 300-2.
- Maynard, Clarice: See—  
Maynard, Harrison. 2,747,754.
- Maynard, Fred B., to National Union Electric Corp. Luminous discharge tube and system. 2,756,366, 7-24-56, Cl. 315-334.
- Maynard, Fred B., and A. Kessler, to National Union Electric Corp. Electronic adding tube for binary addition systems and the like. 2,766,376, 10-9-56, Cl. 250-27.
- Maynard, Harrison,  $\frac{1}{2}$  to C. Maynard. Truck mounted hoist. 2,747,754, 5-29-56, Cl. 214-523.
- Maynard, Harry, to Blackburn and General Aircraft Ltd. Retractable lashing or like attachment device. 2,729,417, 1-3-56, Cl. 248-361.
- Maynard, Harry, to Blackburn and General Aircraft Ltd. Retractable lashing or like attachment device. 2,729,418, 1-3-56, Cl. 248-361.
- Maynard, John T.: See—  
Alderson, Witty L., Jr., and Maynard. 2,770,257.  
Holt, Harold S., and Maynard. 2,741,606.
- Maynard, John T., to E. J. Lemours and Co. Barium ferrous group metal tertiary sulfides and their preparation. 2,770,528, 11-13-56, Cl. 23-134.
- Maynard, Marvin E., to Corley Mfg. Co. Hydraulic log turner for sawmills. 2,765,006, 10-2-56, Cl. 143-89.
- Mayne, William H., to O. S. Petty. Seismic surveying. 2,732,906, 1-31-56, Cl. 181-0.5.



- Mayner, Thomas S., to Industrial Rayon Corp. Reel for the fluid treatment of thread. 2,730,889, 1-17-56, Cl. 68-205.
- Mayner, Thomas S., to Industrial Rayon Corp. Method for the removal of monomers, etc. from molten polymers. 2,731,081, 1-17-56, Cl. 159-49.
- Mayner, Thomas S., to Industrial Rayon Corp. Thread advancing reel. 2,765,070, 10-2-56, Cl. 203-183.
- Maynez, Pedro S. Selective electrical dialing system. 2,777,822, 12-18-56, Cl. 179-90.
- Mayo, Clyde R.: *See*—
- Turner, Milo I., Jr., and Mayo. 2,751,616.
- Mayo, Clyde R., H. E. Crumrine and J. F. Rosenthal, to The Haloid Co. Apparatus for use with xerographic X-ray powder images. 2,771,002, 11-20-56, Cl. 88-24.
- Mayo, Edward L., to The Bishop & Babcock Mfg. Co. Thermostat valve means. 2,765,985, 10-9-56, Cl. 236-34.
- Mayo, Edward L., to The Bishop & Babcock Mfg. Co. Thermostatic valve with solid actuator member. 2,769,597, 11-6-56, Cl. 236-34.
- Mayo, Frank R.: *See*—
- Miller, Alexander A., and Mayo. 2,767,208.
- Mayo, Robert S. Tunnel excavator having rotary cutters mounted upon a rotatable cutting head. 2,760,766, 8-28-56, Cl. 262-7.
- Mayrath Machinery Co., Inc.: *See*—
- Wilcoxon, Leon C. 2,746,592.
- Wilcoxon, Leon C., and Pike. 2,751,063.
- Mays, Wilbur W. Electrically heated windshield wiper. 2,755,499, 7-24-56, Cl. 15-250.5.
- Mays, Wilbur W. Flashlight supporting headgear. 2,765,398, 10-2-56, Cl. 240-59.
- Maysorn, Charles W. K., S. Page, G. R. Ward, and G. H. Webster, to British Insulated Callender's Cables Ltd. Manufacture of a metal tube which may form part of an electric cable. 2,754,784, 7-17-56, Cl. 113-33.
- Maytag Co., The: *See*—
- Dodson, Norman G. 2,761,051.
- Duckstein, William F. 2,748,788.
- Smith, Thomas R. Re. 2,741,588.
- Smith, Thomas R. 2,730,197.
- Smith, Thomas R. 2,742,925.
- Smith, Thomas R. 2,743,533.
- Smith, Thomas R. 2,744,402.
- Smith, Thomas R. 2,749,154.
- Smith, Thomas R., and Steward. 2,743,530.
- Steward, Colby W. 2,743,531.
- Steward, Colby W. 2,743,532.
- Maywood Chemical Works: *See*—
- Steiger, Leonard W. 2,735,820.
- Mazar Barnett, Jose. Cigarette holders. 2,748,777, 6-5-56, Cl. 131-207.
- Maze, William J. Shaker type fertilizer drill attachments for commercial fertilizer distributors. 2,760,686, 8-28-56, Cl. 222-178.
- Mazoyer, Jean: *See*—
- Lombard, Jean, and Mazoyer. 2,744,977.
- Mazur, Ferdinand J., and L. G. Ponce, to Libbey-Owens-Ford Glass Co., Reversible rearview mirror. 2,746,353, 5-22-56, Cl. 88-77.
- Mazur, Paul M. Self-feeding silo. 2,752,640, 7-3-56, Cl. 20-142.
- Mazur, Paul M. Self-feeding structures for animal foodstuffs. 2,752,884, 7-3-56, Cl. 119-52.
- Mazur, Paul M. Self-feeding structures for animal foodstuffs. 2,752,885, 7-3-56, Cl. 119-52.
- Mazur, Robert H., to G. D. Searle & Co. 3-oxygenated 17-aza-D-homoandrostenes and N-substituted derivatives thereof. 2,738,350, 3-13-56, Cl. 260-289.
- Mazur, Robert H., to G. D. Searle & Co. Naphthofluorene carboxylic acids. 2,753,759, 7-3-56, Cl. 260-397.1.
- Mazur, Robert H., to G. D. Searle & Co. Hexadecahydro-17-(8-hydroxy-4-methylbutyl)-10, 13-dimethyl-15h-cyclopenta-[a]phenanthrene-3, 7, 12-trione and derivatives thereof. 2,758,992, 8-14-56, Cl. 260-239.55.
- Mazur, Robert H., and G. P. Mueller, to G. D. Searle & Co. Male anhydride adducts of  $\Delta^4$ . 2,753,343, 7-3-56, Cl. 260-239.55.
- Mazur, Sylvester S.: *See*—
- Herbenar, Edward J., and Mazur. 2,761,326.
- Mazur, Wilfred E.: *See*—
- Leathers, Ward, and Weaver. 2,775,139.
- Mazza, Adolfo. Process for making railway sleepers. 2,740,333, 4-3-56, Cl. 92-54.
- Mazzagatti, Roy P., to The Texas Co. Displacement fluid in secondary petroleum recovery. 2,769,913, 11-6-56, Cl. 250-43.5.
- Mazzel, Joseph F.: *See*—
- Peyton, Edward S. 2,770,288.
- Mazzel, Oswald. Coupling device. 2,746,115, 5-22-56, Cl. 24-230.
- Mazzocco, Dante V. Display device. 2,756,529, 7-31-56, Cl. 10-152.2.
- Mazzoni, Thomas J. Stamp vending and applying device. 2,765,946, 10-9-56, Cl. 216-25.
- Mazzoni, James J.: *See*—
- Winter, John S., Kallal, and Mazzoni. 2,745,248.
- McAdam, Harry H., to W. Hodges. Motor-compressor in plural temperature refrigerating system. 2,760,348, 8-28-56, Cl. 62-117.3.
- McAdam, Harry H., to W. Hodges, d. b. a. Wetmore Hodges and Associates. Electrical motor pump or compressor. 2,761,078, 8-28-56, Cl. 310-67.
- McAdams, Bruce: *See*—
- Metzger, Sidney, Hughes, and McAdams. 2,771,553.
- McAdie, Colin H., and C. K. Hooper, to Westinghouse Electric Corp. Control with single control tube. 2,770,764, 11-13-56, Cl. 318-207.
- McAdon, Bernard A. Shampoo tray and head piece. 2,759,195, 8-21-56, Cl. 4-159.
- McAfee, Frank W., R. B. Snively, and A. A. Vannest, to Boeing Airplane Co. Door for pressurized aircraft. 2,763,900, 9-18-56, Cl. 20-18.
- McAfee, Jerry, and A. G. Smith, to Gulf Oil Corp. Continuous acid treatment of petroleum oils. 2,753,293, 7-3-56, Cl. 196-38.
- McAfee, Robert E., to International Harvester Co. Fluid pressure manipulating device. 2,738,650, 3-20-56, Cl. 60-97.
- McAfee, Walter B., to Leavitt Machine Co. Grinding head and grinding surface therefor. 2,751,727, 6-26-56, Cl. 51-190.
- McAfee, Walter E., to Leavitt Machine Co. Grinding heads. 2,757,492, 8-7-56, Cl. 51-197.
- McAhen, Junia B., Spatula. 2,765,190, 10-2-56, Cl. 294-7.
- McAleer, John A. Welded ship hull construction. 2,743,694, 5-1-56, Cl. 114-79.
- McAlister, Herbert E.: *See*—
- McCord, Howard B., and McAlister. 2,746,417.
- McAlister, J. G., Inc.: *See*—
- Logan, Ralph E. 2,774,050.
- McAlpine, Sir Alfred, & Son Ltd.: *See*—
- Steele, George. 2,738,563.
- McAngus, Eli H., to West Point Mfg. Co. Feed control means for drawing apparatus. 2,749,573, 6-12-56, Cl. 19-70.
- McAninch, Herbert A., and B. Tharpe, to Borg-Warner Corp. Transmission. 2,755,903, 7-24-56, Cl. 192-113.
- McAninch, Homer C.: *See*—
- Scoggin, Baxter I., McAninch, and Moore. 2,733,159.
- McArdle, Beryl L., to General Dynamics Corp. Synchronizing signal separation system. 2,753,452, 7-3-56, Cl. 250-27.
- McArn, Theodore A., to Downingtown Mfg. Co. Method and apparatus for making paper. 2,736,245, 2-28-56, Cl. 92-38.
- McArn, Theodore A., to Downingtown Mfg. Co. Adjustable slice. 2,750,554, 6-13-56, Cl. 219-10.75.
- McArthur, Bruce E., to Magnetothermic Corp. Induction heating systems. 2,748,240, 5-29-56, Cl. 219-10.75.
- McArthur, Donald S.: *See*—
- Juterbock, Edwin E., and McArthur. 2,744,199.
- McArthur, Elmer D., to General Electric Co. High frequency electrical apparatus. 2,735,034, 2-14-56, Cl. 315-4.
- McArthur, Elmer D., to General Electric Co. Electron reactance device. 2,735,074, 2-14-56, Cl. 333-80.
- McArthur, Elmer D., to General Electric Co. High frequency electrical systems having high input impedance. 2,747,086, 5-22-56, Cl. 250-27.
- McArthur, Elmer D., to General Electric Co. Electric discharge devices and high frequency systems therefor. 2,747,087, 5-22-56, Cl. 250-36.
- McAtee, Harold L.: *See*—
- Griner, Leslie J. 2,767,238.
- McAtee, James H.: *See*—
- Dukes, Walter L., McAtee, and Stewart. 2,772,219.
- McAuley, Robert E. Fishing leader holder and receptacle. 2,756,946, 7-31-56, Cl. 242-138.
- McAuslan, Robert R., to United States Rubber Co. Battery separator and method of making same. 2,773,114, 12-4-56, Cl. 290-27.
- McBeath, John A. Safety door mechanism for material elevator shaft. 2,760,600, 8-28-56, Cl. 187-61.
- McBee, Earl T.: *See*—
- Baranaukas, Charles F., and McBee. 2,767,225.
- McBerty, Robert K. Metallic wall and roof joint. 2,753,962, 7-10-56, Cl. 189-1.
- McBride, Arthur B., to Koppers Co., Inc. Article unloading apparatus. 2,750,054, 6-12-56, Cl. 214-89.
- McBride, Byron V., to Westinghouse Electric Corp. Fluid pasty insulating composition and an electrical member containing it. 2,739,071, 3-20-56, Cl. 106-228.
- McBride, Byron V., to Westinghouse Electric Corp. Insulated coatings for magnetic sheets. 2,739,085, 3-20-56, Cl. 117-222.
- McBride, Byron V., to Westinghouse Electric Corp. Method of providing a base with a wrinkled coating, wrinkling composition, and coated base. 2,763,568, 9-18-56, Cl. 111-41.
- McBride, George C., and H. N. Schneider, to General Electric Co. Electric circuit interrupter. 2,749,412, 6-5-56, Cl. 200-150.
- McBride, John W., to Bantar, Inc. Key operated musical instrument. 2,738,226, 2-28-56, Cl. 84-315.
- McBride, John W., to Bantar, Inc. Stringed musical instrument. 2,748,644, 6-5-56, Cl. 84-315.
- McBride, John W., to Bantar, Inc. Electrical pick-up for musical instruments. 2,764,052, 9-25-56, Cl. 84-115.
- McBride, Joseph J., Jr., to Tidewater Oil Co. Concentrated additives in mineral oil compositions and mineral oil compositions containing same. 2,742,430, 4-17-56, Cl. 252-46.7.
- McBride, Joseph J., Jr., to Tidewater Oil Co. Additive-containing mineral oil compositions. 2,766,208, 10-9-56, Cl. 252-46.7.
- McBride, Joseph R., to Southern States Equipment Corp. Electric fuse. 2,750,470, 6-12-56, Cl. 200-120.
- McBride, Joseph R., to Southern States Equipment Corp. Electric fuse. 2,750,471, 6-12-56, Cl. 200-120.
- McBride, Walter C. Auxiliary dental chair for children. 2,738,168, 3-13-56, Cl. 155-131.

- McCabe, Joseph A., to Portable Electric Tools, Inc. Portable electric drill. 2,730,635, 1-10-56, Cl. 310-50.
- McCabe-Powers Auto Body Co.: See—
- Balogh, Roy O., 2,733,039.
- Tasch, Anthony T., and Hoelscher, 2,763,503.
- McCaferry, Edward A., to The National Marking Machine Co. White fluorescent marking inks for textile identification. 2,734,871, 2-14-56, Cl. 252-301.2.
- McCaferry, Malcolm. Expanding jaw wrench with sliding wedge operator. 2,747,448, 5-29-56, Cl. 81-72.
- McCaferry, Francis H. G.: See—
- Towell, Gordon, and McCaferry, 2,757,566.
- McCain, Cecil C., to Western Electric Co., Inc. Apparatus for tightening caps on telephone hand sets. 2,767,465, 10-23-56, Cl. 29-240.
- McCain, Harry. Flexible interlocking vented awning canopy. 2,731,927, 1-24-56, Cl. 108-1.
- McCaleb, Kirtland E.: See—
- Harrison, Stuart A., and McCaleb, 2,731,481.
- McCaleb, Kirtland E., to General Mills, Inc. Copolymer of fatty acid and rosin acid. 2,730,520, 1-10-56, Cl. 260-97.
- McCab, Omer K.: See—
- Serling, Byron A., and McCaleb, 2,769,351.
- McCall, Clarence I.: See—
- Cheney, Marvin C., and McCall, 2,760,229.
- McCall, David L. Overhead suspension sliding door construction. 2,740,169, 4-3-56, Cl. 20-19.
- McCall, David L. Guiding and supporting means for sliding doors or panels. 2,764,784, 10-2-56, Cl. 20-19.
- McCall, Donald O.: See—
- Strehlow, Albert G., and McCall, 2,751,776.
- McCall, Floyd and L. Side delivery rake. 2,744,377, 5-8-56, Cl. 56-376.
- McCall, Harold M., to Centrine Corp. Apparatus for cleaning pipe interiors. 2,739,368, 3-27-56, Cl. 29-67.
- McCall, Lloyd: See—
- McCall, Floyd and L., 2,744,377.
- McCallister, Edward S., and K. W. Woznica, to Hartford National Bank and Trust Company, trustee. Amplifier with interference reducing circuit. 2,748,202, 5-29-56, Cl. 179-171.
- McCallum, Robert A., to Goodman Mfg. Co. Endless flight conveyor with readily removable flights. 2,736,422, 2-28-56, Cl. 198-175.
- McCallum, Robert A., to Goodman Mfg. Co. Lever control mechanism for combined operation of vehicle tramping and steering valves. 2,745,506, 5-15-56, Cl. 180-77.
- McCallum, Robert A., to Goodman Mfg. Co. Picking type mining apparatus. 2,750,178, 6-12-56, Cl. 262-15.
- McCallum, Robert A., to Goodman Mfg. Co. Horizontal and shearing kerf cutting machine. 2,750,180, 6-12-56, Cl. 262-28.
- McCallum, Robert A., to Goodman Mfg. Co. Vehicle tramping speed control mechanism. 2,764,897, 10-2-56, Cl. 74-359.
- McCallum, Robert A., to Goodman Mfg. Co. Suspension for vehicles such as shuttle cars. 2,770,377, 11-13-56, Cl. 214-83.36.
- McCallum, Townsend D. Crab pots. 2,741,063, 4-10-56, Cl. 43-66.
- McCamant, Leonard H.: See—
- Lundgren, John L., and McCamant, 2,733,760.
- McCamant, Leonard H., to Geo. D. Roper Corp. Burner control and electric ignition system for stoves. 2,733,759, 7-5-56, Cl. 158-124.
- McCann, Frederick W. Poison bait holder. 2,736,127, 2-28-56, Cl. 43-131.
- McCann, Joe G., F. M. Weil, and R. E. Stein, to Gilfillan Bros., Inc. Circularly polarizing directional antenna system. 2,745,100, 5-8-56, Cl. 343-756.
- McCann, Joe G., and R. E. Stein, to Gilfillan Bros., Inc. Rotatable wave guide joints. 2,751,559, 6-19-56, Cl. 333-97.
- McCann, Keith: See—
- Craggs, Joseph, and McCann, 2,773,237.
- McCann, Keith R.: See—
- Craggs, Joseph, and McCann, 2,729,065.
- McCann, Kelly F., to Warner Lewis Co. Horizontal filter apparatus. 2,731,151, 1-17-56, Cl. 210-43.
- McCann, Kelly F., to Warner Lewis Co. Integral filter unit. 2,754,972, 7-17-56, Cl. 210-169.
- McCann, Michael, to The Singer Mfg. Co. Throw-outs for automatic clamp-lifters. 2,730,058, 1-10-56, Cl. 112-110.
- McCants, Hugh B., to Reserv-A-Roll Co., Inc. Toilet paper dispenser. 2,758,800, 8-14-56, Cl. 242-55.3.
- McCants, Hugh B., to Reserv-A-Roll Co. Toilet tissue dispenser. 2,767,930, 10-28-56, Cl. 242-55.3.
- McCarar, George L. Method of wrapping articles. 2,737,000, 3-6-56, Cl. 52-471.
- McCarron, Robert A., and C. E. Miller, to Leeds and Northrup Co. Potentiometer measuring systems. 2,758,279, 8-7-56, Cl. 324-94.
- McCart, Ed R., to Esso Research and Engineering Co. Testing geophone performance. 2,748,348, 5-29-56, Cl. 324-158.
- McCarthy, Albert G., and C. A. Irazoqui, to National Engineering & Development Corp. Concentration of fruit juices. 2,773,774, 12-11-56, Cl. 99-205.
- McCarthy, Anne E.: See—
- Olipa, Henry C., Stanley, and McCarthy, 2,758,002.
- McCarthy, Anthony J. Night lamp with receptacle. 2,740,428, 6-5-56, Cl. 240-2.
- McCarthy, Charles E., to Chadbourne Hosiery Mills, Inc. Hosiery packaging. 2,773,340, 12-11-56, Cl. 53-21.
- McCarthy, F. J., Co.: See—
- Greely, Leo O., 2,760,285.
- McCarthy, F. J., Inc.: See—
- Greely, Leo O., 2,729,351.
- McCarthy, Francis J., to Sylvania Electric Products Inc. Gaseous electric discharge control device for waveguide systems. 2,763,402, 10-9-56, Cl. 315-39.
- McCarthy, George F., and A. N. Gulnick, to International Telephone and Telegraph Corp. Telephone ringing generator. 2,771,562, 11-20-56, Cl. 310-69.
- McCarthy, Henry J., to Bomac Laboratories Inc. Electrode structure for multiple section broad-band transmit receive tubes. 2,769,938, 11-6-56, Cl. 315-39.
- McCarthy, John F., Jr., to Thiokol Chemical Corp. Process for the preparation of dithiodialkylene glycols. 2,754,333, 1-2-56, Cl. 260-100.
- McCarthy, Lawrence A., to Western Electric Co., Inc. Gaging and testing apparatus. 2,728,994, 1-3-56, Cl. 33-174.
- McCarthy, Lawrence A., to Western Electric Co., Inc. Electrical unit. 2,774,051, 12-11-56, Cl. 339-147.
- McCarthy, Lawrence J., to Chemical Construction Corp. Baffle and tube arrangement in catalytic reforming heater. 2,737,159, 3-6-56, Cl. 122-333.
- McCarthy, Paul R.: See—
- Ackerman, Carl D., McCarthy, and Orem, 2,761,844.
- McCarthy, Paul R., to L. Paste dispenser. 2,748,901, 6-5-56, Cl. 222-387.
- McCarthy, Timothy F. Automatic coal transfer conveyor. 2,736,420, 2-28-56, Cl. 198-79.
- McCarthy, Timothy F., to Goodman Mfg. Co. Scraper loader apparatus for mines. 2,770,378, 11-13-56, Cl. 214-93.
- McCarthy, Timothy F. Cutter head for driving crosscuts. 2,775,439, 12-25-56, Cl. 262-19.
- McCarthy, Vincent J., to The Salem Tool Co. Boring head with breaker device for mining machines. 2,738,965, 3-20-56, Cl. 262-9.
- McCarthy, Vincent J., to The Salem Tool Co. Boring and breaker head for slack coal. 2,770,449, 11-13-56, Cl. 262-9.
- McCartney, Edwin B.: See—
- Smith, John L., and McCartney, 2,774,134.
- McCartney, Edwin O.: See—
- Carson, Robert H., Sr., and McCartney, 2,763,417.
- McCarty, Dale E., to R. W. Miller, Sr. Display package with transparent cover. 2,754,950, 7-17-56, Cl. 206-45.33.
- McCarty, Lourdes V.: See—
- Heiser, Ferdinand F., McCarthy, and Vicensi, 2,743,871.
- McCarthy, Louis V., to Controls Co. of America. Tiltable control valve having safety trip-out. 2,774,372, 12-18-56, Cl. 137-400.
- McCarthy, Malcolm D., and K. W. McLeod, to Secony Mobil Oil Co., Inc. Seismic detector. 2,745,085, 5-8-56, Cl. 240-171.
- McCarthy, Theodore M., to Gibson, Inc. Bridge for stringed musical instruments. 2,740,313, 4-3-56, Cl. 84-307.
- McCashen, James F. Whole grain flour and process of making. 2,745,748, 5-15-56, Cl. 99-39.
- McCashen, James F. Selective time-impact fuze for hand grenades. 2,763,212, 9-18-56, Cl. 102-72.
- McCauley, Edward W., to Jervis B. Webb Co. Roller flight conveyor. 2,762,496, 9-11-56, Cl. 198-183.
- McCauley, David A.: See—
- Lien, Arthur P., and McCauley, 2,739,992.
- Lien, Arthur P., and McCauley, 2,753,383.
- Lien, Arthur P., and McCauley, 2,753,384.
- Slaughter, John L., and McCauley, 2,762,731.
- Slaughter, John L., McCauley, Lien, and Johnson, 2,762,750.
- McCauley, David A., and A. P. Lien, to Standard Oil Co. Secondary alkyltoluene isomerization. 2,741,647, 4-10-56, Cl. 260-668.
- McCauley, David A., and A. P. Lien, to Standard Oil Co. Recovery of ethylbenzene by extraction with HF.BF<sub>3</sub>. 2,753,386, 7-3-56, Cl. 260-674.
- McCauley, David A., and A. P. Lien, to Standard Oil Co. Production of 2-phenylpentane. 2,756,263, 7-24-56, Cl. 240-171.
- McCauley, David A., and A. P. Lien, to Standard Oil Co. Tertiary butylbenzene production. 2,756,264, 7-24-56, Cl. 240-671.
- McCauley, David A., and A. P. Lien, to Standard Oil Co. Separation of mixed C<sub>8</sub> aromatic hydrocarbons into xylene and ethylbenzene. 2,766,305, 10-9-56, Cl. 260-668.
- McCauley, David A., and A. P. Lien, to Standard Oil Co. Monoalkylbenzenes by alkylation. 2,766,307, 10-9-56, Cl. 260-671.
- McCauley, David A., and A. P. Lien, to Standard Oil Co. HF-BF<sub>3</sub> treating of secondary alkyltoluenes. 2,770,662, 11-13-56, Cl. 260-668.
- McCauley, David A.: See—
- Johnson, Carl E., Lien, and McCauley, 2,768,986.
- Lien, Arthur P., and McCauley, 2,773,109.
- Thorne, Henry C., Jr., and McCauley, 2,773,916.
- McCauley, Herbert J., Jr. Animal simulating velocipede. 2,731,241, 1-17-56, Cl. 240-196.
- McCauley, James G., and C. W. Maddix. Vehicle with demountable suspension system and adjustable bed. 2,757,936, 8-7-56, Cl. 280-44.
- McCaw, William F., to E. B. Bordell & Co. Ltd. Mounting of a second order superstructure on a unit construction chassis. 2,741,492, 4-10-56, Cl. 280-106.
- McChesney, Roy. Photographic typographical composing machine. 2,762,277, 9-11-56, Cl. 95-4.5.



- McChesney, Thomas C. Removable drilling barge cradle. 2,736,172, 2-28-56, Cl. 61—46.
- McChesney, Vernon A., to Kaiser Aluminum and Chemical Corp. Finned conduit and method of attaching fins to conduit. 2,731,245, 1-17-56, Cl. 257—262.16.
- McClain, Archie L. Self-towing attachment for truck vehicles having grooved cleats. 2,744,690, 5-8-56, Cl. 238—14.
- McClain, Harry W. Vacuum controlled air bleed valve. 2,742,270, 4-17-56, Cl. 261—41.
- McClain, Harry W. Carburetor of the air displacement type. 2,742,271, 4-17-56, Cl. 261—44.
- McClain, Harry W., to Hughes Carburetor Co., Inc. Fuel gasifier and pressure regulator. 2,755,633, 7-24-56, Cl. 62—1.
- McClain, Joseph W., to Essex Wire Corp. Snap action relay. 2,753,416, 7-3-56, Cl. 200—87.
- McCleary, Harry C. Bottle closure device. 2,758,736, 8-14-56, Cl. 215—38.
- McCleary, Roy E., to Atwood Vacuum Machine Co. Press with automatic kick-out mechanism. 2,773,403, 12-11-56, Cl. 78—17.
- McCleary, Rush F., to The Texas Co. Process for fluorination of hydrocarbons. 2,759,026, 8-14-56, Cl. 260—653.
- McCleary, Dwight J., to J. H. Griffin, holding wallpaper steamer. 2,760,745, 8-28-56, Cl. 248—161.
- McClellan, Boyd A.: *See—*
- Hale, Andrew, and McClellan. 2,730,755.
- McClellan, David B. Grain unloader. 2,772,764, 12-4-56, Cl. 123—1.
- McClellan, Marcus E., to Deere Manufacturing Co. Forage harvester. 2,729,256, Cl. 146—121.
- McClellan, Marcus E., to Deere Mfg. Co. Pickup and baler. 2,739,438, 3-27-56, Cl. 56—341.
- McClellan, Marcus E., A. B. Skromm, G. R. Sutherland, H. E. Adams, and L. Griffin, to Deere Mfg. Co. Side delivery rake. 2,746,233, 5-22-56, Cl. 56—377.
- McClellan, Ralph E., to Meilink Steel Safe Co. Insulated metal cabinet construction. 2,750,901, 6-19-56, Cl. 709—59.
- McClellan, Ralph E., to Meilink Steel Safe Co. Safe construction. 2,750,902, 6-19-56, Cl. 109—81.
- McClellan, Wayne L.: *See—*
- Richards, John W., and McClellan. 2,760,268.
- McClelland, Clarence P., to General Motors Corp. Windshield wiper cable tensioning apparatus. 2,743,617, 5-1-56, Cl. 74—16.
- McClelland, Clarence P., to General Motors Corp. Door lock and mounting for instrument panel compartment. 2,744,405, 5-8-56, Cl. 70—81.
- McClelland, Clarence P., to General Motors Corp. Latch striker assembly. 2,750,221, 6-12-56, Cl. 292—341.18.
- McClendon, Robert W. Lawn edger. 2,735,252, 2-21-56, Cl. 56—25.4.
- McClenny, Robert W. Automatic dump mechanism for a scoop. 2,772,798, 12-4-56, Cl. 214—140.
- McClernon, Francis H. Tractor attachment. 2,735,651, 2-21-56, Cl. 254—124.
- McClintock, Cecil V.: *See—*
- Lacy, Roy, McClintock, and Rossier. 2,762,104.
- McClintock, Fred L. Automobile headlight attachment. 2,764,673, 9-25-56, Cl. 240—7.1.
- McClintock, Haze C.: *See—*
- Lacy, Roy, McClintock, and Rossier. 2,762,104.
- McClintock Mfg. Co.: *See—*
- Hubbard, Warren M., and Levie. 2,739,402.
- McClinton, Leslie T., W. M. Garrison, and M. Burton, to the United States of America as represented by the United States Atomic Energy Commission. Organic compound bond rupturing process. 2,743,223, 4-24-56, Cl. 204—154.
- McCloskey, Albert R., to The Heim Co. Self-aligning bearings. 2,767,034, 10-16-56, Cl. 308—72.
- McCloud, Dwite M.: *See—*
- Rohrback, Gilson H., and McCloud. 2,751,194.
- McCloud, Robert A.: *See—*
- De Back, William, Puccinelli, and McCloud. 2,738,819.
- McCloy, Graham S., to Westinghouse Electric Corp. Plural temperature refrigeration apparatus. 2,768,510, 10-30-56, Cl. 62—117.3.
- McClure, Wallace O. Prefabricated constant pressure joint construction. 2,732,044, 1-24-56, Cl. 189—36.
- McClung, Alfred R.: *See—*
- Wallace, James M., and McClung. 2,769,055.
- McClung, Roderick M.: *See—*
- Marcus, Stanley J., McClung, and Weinland. 2,766,662.
- McClure, Carroll W., to United States Steel Corp. Apparatus for determining the profile of threads. 2,749,624, 6-12-56, Cl. 33—199.
- McClure, Glenn T., to Westinghouse Air Brake Co. Diaphragm support. 2,765,811, 10-9-56, Cl. 137—788.
- McClure, Robert: *See—*
- Metzger, Joseph M., and McClure. 2,775,478.
- McClure, William L.: *See—*
- Thober, Herbert C., and McClure. 2,733,993.
- McClure, William L., to Sun Oil Co. Surface level control in a compact solids bed. 2,737,294, 3-6-56, Cl. 209—138.
- McClure, William L., to Sun Oil Co. Circulation of granular solids through a process system. 2,742,943, 4-17-56, Cl. 23—1.
- McClure, William V., Jr. Feeder device for livestock. 2,768,607, 10-30-56, Cl. 119—60.
- McClurkin, Cloise M. Air circulating door for refrigerator. 2,775,187, 12-25-56, Cl. 98—36.
- McCluskey, David C.: *See—*
- Piazza, Thomas E., and McCluskey. 2,749,817.
- McClusky, Frank. Christmas tree mat. 2,748,516, 6-5-56, Cl. 41—15.
- McColaugh, Harry E.: *See—*
- Hoover, Frank G., McColaugh, and Free. 2,772,039.
- McCollum, Burton. Seismic exploration apparatus. 2,766,837, 10-16-56, Cl. 181—0.5.
- McCollum, Burton. Seismic exploration apparatus. 2,767,389, 10-16-56, Cl. 340—15.
- McCollum, Jack W.: *See—*
- Rollins, Eugene C. 2,743,005.
- McComb, Claude A., to B-W Brake Co. Apparatus for removing brake shoe linings. 2,757,729, 3-7-56, Cl. 164—33.
- McCombie, Frederick W., to Megator Pumps & Compressors Ltd. Rotary pumps or compressors. 2,750,896, 6-19-56, Cl. 103—216.
- McCombie, Horace R., and E. L. Wagner, to the United States of America as represented by the United States Atomic Energy Commission. Method of producing uranium tetrachloride. 2,735,746, 2-21-56, Cl. 23—14.5.
- McCombs, Chester V. Bale dropper. 2,732,679, 1-31-56, Cl. 56—473.5.
- McCombs, Howard L., Jr., to Bendix Aviation Corp. Make-and-break device for periodic or cyclic application of fluid pressure. 2,774,370, 12-18-56, Cl. 137—103.
- McConaughay, Paul W., to Mine Safety Appliances Co. Detection of sulfur dioxide. 2,736,638, 2-28-56, Cl. 23—232.
- McConnell Bomford Ltd.: *See—*
- McConnell, Frederic W., to McConnell Bomford Ltd. Rotors for threshing machines. 2,749,916, 6-12-56, Cl. 130—27.
- McConnell, Charles K., to ACF Industries, Inc. De-icing means for carburetors. 2,766,974, 10-16-56, Cl. 261—14.
- McConnell, Clarence J.: *See—*
- McConnell, Ben J., and McConnell. 2,751,487.
- McConnell, Frank J.: *See—*
- Fisler, Leland H., Welch, and McConnell. 2,733,088.
- McConnell, Frank J., to The American Hardware Corp. Door latch operating mechanism. 2,751,244, 6-19-56, Cl. 293—355.
- McConnell, Frank J., to The American Hardware Corp. Door latch. 2,759,747, 8-21-56, Cl. 292—169.
- McConnell, Frank J., to The American Hardware Corp. Door latch operating unit. 2,759,750, 8-21-56, Cl. 292—336.3.
- McConnell, John N., and H. F. Borin, to American Hospital Supply Corp. Fluid container. 2,772,704, 12-4-56, Cl. 141—24.
- McConnell, Kenneth R., to Times Facsimile Corp. Facsimile scanning method and apparatus for predetermined signal output and contrast. 2,730,567, 1-10-56, Cl. 178—7.1.
- McConnell, Leland: *See—*
- McConnell, Rudolph L., and McConnell. 2,737,970.
- McConnell, Marvin J., to Taxinone, Inc. Illuminated sign for vehicles. 2,753,640, 7-10-56, Cl. 40—132.
- McConnell, Mildred G. Compartmented clothes hamper. 2,736,454, 2-28-56, Cl. 220—20.
- McConnell, Richard J.: *See—*
- Coover, Harry W., Jr., and McConnell. 2,751,384.
- McConnell, Robert A., to the United States of America as represented by the Secretary of the Navy. Circuit for obtaining the ratio of two voltages. 2,763,838, 9-18-56, Cl. 324—140.
- McConnell, Robert F. Grapevine and twine cutting knife. 2,772,475, 12-4-56, Cl. 30—298.
- McConnell, Wayne V.: *See—*
- Bell, Alan, and McConnell. 2,739,160.
- McConnell, William M., to Taylor-Wilson Mfg. Co. Positioning apparatus for elongated articles to be delivered to a machine. 2,751,781, 6-26-56, Cl. 73—49.6.
- McConnell, William M., and J. R. Von Hoven, to Taylor-Wilson Mfg. Co. Pipe gripper actuated by guided yoke. 2,747,445, 5-29-56, Cl. 81—17.2.
- McConohie, Edward S.: *See—*
- Garner, Lawrence M., and McConohie. 2,752,851.
- McCool, Marcus G., and C. O. Moorhead. Well drilling recorder. 2,729,100, 1-3-56, Cl. 73—151.5.
- McCord Corp.: *See—*
- Gale, William S. 2,756,497.
- Hayward, James R., and Schild. 2,761,195.
- McCord, Douglas T., R. Holbrook, and C. A. Rudolph, to Chicopee Mfg. Corp. Process for production of puffed fabrics. 2,757,434, 8-7-56, Cl. 28—72.
- McCord, George P., to United States Rubber Co. Valve. 2,731,028, 1-17-56, Cl. 137—223.
- McCord, Howard B., and H. E. McAlister, to Beckman Instruments, Inc. Indicating dial. 2,746,417, 5-22-56, Cl. 116—124.
- McCord, John B.: *See—*
- More, Philip J., and McCord. 2,744,343.
- McCord, Wilfred M., Jr., to American Saw & Tool Co. Saw with adjustable saw blade. 2,762,407, 9-11-56, Cl. 145—31.
- McCorkle, D. H., Co.: *See—*
- McCorkle, Donald H. 2,743,574.
- McCorkle, Donald H., to D. H. McCorkle Co. Two-way fast acting bimetal control element. 2,743,574, 5-1-56, Cl. 60—1.
- McCorkle, Miles R.: *See—*
- Shapiro, Sydney H., and McCorkle. 2,775,617.
- McCorkle, Willard H., to the United States of America as represented by the United States Atomic Energy Commission. Positioning device. 2,756,857, 7-31-56, Cl. 192—150.
- McCormack, Donald C.: *See—*
- Wilson, Bertram A., and McCormack. 2,735,000.

- McCormack, Foster D., to Minnesota and Ontario Paper Co. Paper machine reel starter. 2,745,606, 5-15-56, Cl. 242-65.
- McCormack, Ralph H.: *See—*
- McCormack, Charles H., to McCormack, and Naughton. 2,732,395.
- McCormack, Charles E., to Vogt Mfg. Corp. Glare shield mounting bracket. 2,738,155, 3-13-56, Cl. 248-289.
- McCormick, Charles W. Light control means. 2,749,581, 6-12-56, Cl. 207-62.
- McCormick, Francis A., to Owens-Illinois Glass Co. Lifting fork for stacked articles. 2,771,204, 11-20-56, Cl. 214-655.
- McCormick, Francis H.: *See—*
- McCormick, Francis H., to General Motors Corp. Domestic appliance. 2,742,708, 4-24-56, Cl. 84-76.
- McCormick, Francis H., to General Motors Corp. Domestic appliance. 2,752,694, 7-3-56, Cl. 34-60.
- McCormick, Francis H., to General Motors Corp. Cradle-type carton for dolls. 2,773,327, 12-11-56, Cl. 46-15.
- McCormick, James B. Plastic molded anatomical model and method of molding plastic articles. 2,763,070, 9-18-56, Cl. 35-17.
- McCormick, Jerry R. D., and S. A. Muller, to American Cyanamid Co. Recovery and purification with organic solvent oximes of substances having vitamin B<sub>12</sub> activity. 2,731,388, 1-17-56, Cl. 167-81.
- McCormick, Jerry R. D., and S. A. Muller, to American Cyanamid Co. Recovering vitamin B<sub>12</sub> material from organic oxime solutions of the same with amines. 2,731,389, 1-17-56, Cl. 167-81.
- McCormick, Jerry R. D., and N. K. Smith, to American Cyanamid Co. Production of tetracycline. 2,731,497, 1-17-56, Cl. 280-559.
- McCormick, Jerry R. D., and S. A. Muller, to American Cyanamid Co. Extraction of vitamin B<sub>12</sub> from aqueous concentrates thereof. 2,739,100, 3-20-56, Cl. 167-81.
- McCormick, Jerry R. D., and S. A. Muller, to American Cyanamid Co. Recovery and purification of vitamin B<sub>12</sub>. 2,745,787, 5-15-56, Cl. 167-81.
- McCormick, John A., to General Steel Castings Corp. Railroad articulated vehicle. 2,737,903, 3-13-56, Cl. 105-4.
- McCormick, Kenneth W.: *See—*
- Weaver, George C., and McCormick. 2,759,691.
- McCorquodale Colour Display Ltd.: *See—*
- Sanderson, James C. 2,766,484.
- McCorquodale-Gresham, Inc.: *See—*
- Gresham, Donald L. 2,731,346.
- McCorquodale Process, Inc.: *See—*
- Weingart, Richard I. N. 2,765,494.
- McCotter, James D., Jr., C. F. Schmitz, Jr., F. K. Clarke, and J. J. McMahon, Jr., to Philco Corp. Corona discharge voltage regulator tube. 2,753,478, 7-3-56, Cl. 313-184.
- McCown, William E., and H. M. Alexander, to Libbey-Owens-Ford Glass Co. Method of draining melting tanks. 2,775,071, 12-25-56, Cl. 49-77.
- McCoy, David O., and N. H. Hancock, to Collins Radio Co. Range stabilizing apparatus. 2,760,189, 8-21-56, Cl. 343-7.8.
- McCoy, Frederic C., J. M. Caffrey, Jr., and W. R. Hencke, to The Texas Co. Lubricant containing a metal derivative of a hydroxyaralkyl polyamine and a metal dithiocarbamate. 2,752,311, 9-26-56, Cl. 252-33.6.
- McCoy, James B., to Ethyl Corp. Synergistic stabilizing compositions. 2,742,349, 4-17-56, Cl. 44-63.
- McCoy, John E., to the United States of America as represented by the Secretary of the Navy. Apparatus for producing a rotating time base display. 2,747,135, 5-22-56, Cl. 315-24.
- McCoy, Lloyd R., to Diamond Alkali Co. Self-loading or unloading vehicle for cylindrical containers. 2,763,383, 9-18-56, Cl. 214-75.
- McCoy, Marion M., to Purolator Products, Inc. Automatic discriminatory clogging detector for oil filters. 2,729,339, 1-3-56, Cl. 210-183.
- McCoy, Marion M., to Purolator Products, Inc. Multistage filter. 2,733,855, 2-7-56, Cl. 233-2.
- McCoy, Robert E., to the United States of America as represented by the Secretary of the Army. Spaced loop direction finder. 2,746,037, 5-15-56, Cl. 343-118.
- McCoy, Robert L., to General Electric Co. Combined grading and corona shield. 2,741,322, 4-10-56, Cl. 174-144.
- McCoy, Robert L., and I. W. Gross, to General Electric Co. Combined grading and corona shield. 2,741,321, 4-10-56, Cl. 174-144.
- McCoy, Roger T. Direct-reading height gauge. 2,774,146, 12-18-56, Cl. 33-169.
- McCoy, Thomas A., to Carando Machine Works. Metal container body sizer. 2,744,406, 12-18-56, Cl. 153-48.
- McCoy, Veri E. Lubricating device. 2,744,798, 5-8-56, Cl. 308-91.
- McCoy, Veri E. Lubricating device. 2,751,263, 6-19-56, Cl. 308-85.
- McCoy, Walter J., to Lehigh Portland Cement Co. Inhibiting alkali reactivity of Portland cement. 2,744,831, 5-8-56, Cl. 106-98.
- McCracken, Edward A., and A. L. Chaney, to Esso Research and Engineering Co. Blended vinyl benzene polymers. 2,730,515, 1-10-56, Cl. 260-45.5.
- McCracken, William E.: *See—*
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- McCray, Austin. Carrying case. 2,748,780, 6-5-56, Cl. 132-83.
- McCray Refrigerator Co., Inc.: *See—*
- Bentley, George K. 2,744,807.
- McCrea, William J. Television lamp. 2,748,262, 5-29-56, Cl. 240-81.
- McCready, Charles J. Adhesive applying machine for work pieces having an irregular contour. 2,760,463, 8-28-56, Cl. 118-232.
- McCready, Rolland M.: *See—*
- Harrington, Winfred O., McCready, and Olson. 2,729,566.
- McCready, Bruce C., and O. W. Wood, to Johnson & Johnson. Apparatus for swiveling string ends. 2,729,454, 1-3-56, Cl. 289-1.
- McCreary, Harold J.: *See—*
- Johnston, Edith, McCreary, and Stiles. 2,770,675.
- McCreary, Harold J., to Automatic Electric Laboratories, Inc. Electronic ringing frequency generator. 2,740,948, 4-3-56, Cl. 340-168.
- McCreary, Harold J., to Automatic Electric Laboratories, Inc. Billiard triode transistor. 2,744,219, 5-1-56, Cl. 317-235.
- McCreary, Henry S., Jr., to the United States of America as represented by the Secretary of the Navy. Circuit stabilizer. 2,743,374, 4-24-56, Cl. 250-214.
- McCreary, John. Tenter. 2,729,874, 1-10-56, Cl. 26-61.
- McCrear, Thomas G.: *See—*
- Free, Vernon, and Muck. 2,767,390.
- McCreery, Edward P., to The C. O. Bartlett & Snow Co. Corn sheller and separator. 2,754,827, 7-17-56, Cl. 130-6.
- McCrory John F., to Tru-Measur, Inc. Liquid dispenser. 2,775,025, 11-27-56, Cl. 222-21.
- McCrory, John J.: *See—*
- Staples, James D., and McCrory. 2,733,511.
- McCroskey, Warren N., and F. J. Mongraw, to General Electric Co. Clutch-brake mechanism for dynamoelectric machine. 2,757,066, 8-2-56, Cl. 192-18.
- McCrosky, Robert D., to E. I. du Pont de Nemours and Co. Snubbing pin for drawing yarn. 2,767,429, 10-23-56, Cl. 18-8.
- McCurtis, John D., and E. F. Townsend, to The Sandy Hill Iron & Brass Works. Apparatus for interval feed and jet screening of stock. 2,730,932, 1-17-56, Cl. 92-30.
- McCubbin, Cristo Z. Tool holders. 2,740,241, 4-3-56, Cl. 511-221.
- McCubbin, John G.: *See—*
- Sawyer, John W., Hazard, and McCubbin. 2,761,327.
- McCubbin, Lewis: *See—*
- Jordan, Woodrow W., and Spencer. 2,735,190.
- McCubbin, William P. Window track and weather strip. 2,740,171, 4-3-56, Cl. 20-52.4.
- McCue, James H. Safety razor blade sharpener. 2,729,989, 1-10-56, Cl. 76-89.2.
- McCuen, Charles L., to General Motors Corp. Air conditioning and ventilating system for automobiles. 2,756,664, 7-17-56, Cl. 158-56.
- McCuiston, Tommy J. Accumulators. 2,748,801, 6-5-56, Cl. 138-31.
- McCuiston, Tommy J. Fuse for missile. 2,764,093, 9-25-56, Cl. 138-78.
- McCuiston, Tommy J. Accumulators. 2,764,997, 10-2-56, Cl. 138-31.
- McCuiston, Tommy J. Accumulators. 2,764,998, 10-2-56, Cl. 138-31.
- McCully, Howard C.: *See—*
- Young, De Walt S., and McCulley. 2,763,672.
- McCulloch Motors Corp.: *See—*
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- Ryde, John L. 2,730,143.
- Ryde, John L. 2,770,363.
- McCulloch, Frederick L. Citrus fruit juice expressing machine. 2,742,852, 4-24-56, Cl. 100-53.
- McCulloch Motors Corp.: *See—*
- Jovanovich, Dragoljub K. 2,742,098.
- McCulloch, Allan W., to Irrigation Equipment Co., Inc. Caster wheel support for pipes. 2,741,510, 4-10-56, Cl. 29-10.
- McCulloch, Armour L., to A. V. Roe Canada Ltd. Torque transmitting coupling. 2,749,726, 6-12-56, Cl. 64-9.
- McCulloch, Ira J., to McCulloch Tool Co. Well perforating device. 2,756,677, 7-31-56, Cl. 102-20.
- McCulloch, Jack A., to Eitel-McCulloch, Inc. Electron tube. 2,731,578, 1-17-56, Cl. 313-245.
- McCulloch, James D., to The Babcock & Wilcox Co. Air cooled refractory wall construction for furnaces. 2,746,405, 5-22-56, Cl. 110-1.
- McCulloch, Harold M., to Sylvania Electric Products Inc. Sealing alloy for soft glass. 2,730,260, 1-10-56, Cl. 220-23.
- McCulloch, Lowell O., and R. F. Skinner, to Lance, Inc. Confection feeding device. 2,755,907, 7-24-56, Cl. 198-35.
- McCulloch, Otis J. Radioactive guiding system for mobile vehicles. 2,750,583, 6-12-56, Cl. 340-282.
- McCulloch, Paul J., to The Toastwell Co., Inc. Bread toaster. 2,734,448, 2-14-56, Cl. 99-328.
- McCulloch, Paul J., to The Toastwell Co., Inc. Electric toaster. 2,739,523, 3-27-56, Cl. 99-328.
- McCulloch, Robert F., to the United States of America as represented by the United States Atomic Energy Commission. Treatment of phosphate rock to recover phosphorus and uranium values. 2,767,045, 10-16-56, Cl. 23-14.5.



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- McCullough, Robert W., to Deering Milliken Research Corp. Textile machine control device. 2,748,430, 6-5-56, Cl. 19-165.
- McCullough Tool Co.: *See—*
- McCullough, Ira J., 2,756,677.
- McCullough, William E., and W. E. Wratt, to Bohn Aluminum and Brass Corp. Process of producing steel-aluminum bimetal strip. 2,763,058, 9-18-56, Cl. 29-488.
- McCully, Charles R., and E. S. De Marsh. Dental appliance. 2,748,482, 6-5-56, Cl. 32-40.
- McCune, Homer W., to The Procter & Gamble Co. Detergent composition. 2,739,943, 3-27-56, Cl. 252-137.
- McCurdy, William J., Jr.: *See—*
- Bachelder, Albert J., and McCune. 2,740,714.
- Bishop, Donald R., Fairbank, McCune, and Pierce. 2,759,404.
- McCune, William J., Jr., to Polaroid Corp. Photographic apparatus. 2,740,341, 4-3-56, Cl. 95-13.
- McCurdy, John, and C. E. De Long, to The Dow Chemical Co. Method and apparatus for shaping plastic foams. 2,740,157, 4-3-56, Cl. 18-12.
- McCurdy, John L., and C. E. De Long, to The Dow Chemical Co. Process for making elongated cellular articles from thermoplastic polymers. 2,774,991, 12-25-56, Cl. 18-48.
- McCurdy, Robert: *See—*
- Shreve, Warren T., and McCurdy. 2,739,264.
- McCurdy, Robert J., to Radio Corp. of America. Time-base generator. 2,735,007, 2-14-56, Cl. 250-27.
- McCutchen, Charles W., Suspension systems for motor road vehicles. 2,746,765, 5-22-56, Cl. 280-124.
- McCutchen, John E., to The Coleman Co., Inc. Method of increasing the heat resistance of glass fiber wicks. 2,762,168, 9-11-56, Cl. 49-77.
- McCutchen, John E., to The Coleman Co., Inc. Draft starter structure for immersion heaters. 2,762,364, 9-11-56, Cl. 126-360.
- McCutcheon, Doyle A. Humidifying apparatus for internal combustion engines. 2,748,755, 6-5-56, Cl. 123-25.
- McDaniel, Joseph A., Jr.: *See—*
- Hamner, Glen F., Jones, McDaniel, and Fuqua. 2,775,576.
- McDaniel, Morris L. B. Swinging fish container. 2,729,016, 1-3-56, Cl. 43-55.
- McDaniel, Rankin H., to Solar Aircraft Co. Welding jig. 2,768,281, 10-23-56, Cl. 219-130.
- McDaniel, William T., Jr., and P. N. Sales, to Farnam Mfg. Co., Inc. Reconstituted mica sheet. 2,760,879, 8-28-56, Cl. 106-286.
- McDermott Controls, Inc.: *See—*
- Rogoff, Mortimer. 2,769,121.
- McDermott, Henry J., to American Viscose Corp. Suction cake removing tool. 2,747,913, 5-29-56, Cl. 294-64.
- McDermott, Henry J., to American Viscose Corp. Multiple swivel fluid transmitting device. 2,768,842, 10-30-56, Cl. 285-136.
- McDermott, John P.: *See—*
- Rogers, Dilworth T., and McDermott. 2,738,344.
- Rogers, Dilworth T., and McDermott. 2,761,845.
- McDonald, John P., to Esso Research and Engineering Co. Mineral oil composition. 2,743,235, 4-24-56, Cl. 252-46.7.
- McDermott, John P., to Esso Research and Engineering Co. Phosphorus-containing lubricant additives. 2,760,937, 8-28-56, Cl. 252-46.7.
- McDermott, John P., to Esso Research and Engineering Co. Hydrocarbon oil products. 2,766,207, 10-9-56, Cl. 252-32.7.
- McDermott, Paul I. Hair clipper. 2,759,259, 8-21-56, Cl. 30-29.5.
- McDermott, Wilfrid J. Key for opening cans. 2,744,652, 8-5-56, Cl. 20-52.
- McDevitt, John J.: *See—*
- Di Renzo, Simon. 2,753,270.
- McDevitt, Patrick F.: *See—*
- Fessler, Frank. 2,762,375.
- McDonald, Frank J., to Socony Mobil Oil Co., Inc. Wave analysis. 2,732,092, 6-26-56, Cl. 235-61.
- McDonald, Albert W. Trailer step. 2,738,987, 3-20-56, Cl. 280-166.
- McDonald, Albert W. Trailer step. 2,764,422, 9-25-56, Cl. 280-166.
- McDonald, Albert W. Trailer steps. 2,772,097, 11-27-56, Cl. 280-166.
- McDonald, Charles C.: *See—*
- Gunning, Harry E., and McDonald. 2,736,694.
- McDonald, Dan. Dewaxing methods and apparatus. 2,746,862, 5-22-56, Cl. 92-1.6.
- McDonald, Dan, to Barber-Greene Co. Solvent extraction process. 2,752,377, 6-26-56, Cl. 260-412.8.
- McDonald, Dan, to Barber-Greene Co. Method of treating materials. 2,755,293, 7-17-56, Cl. 260-412.5.
- McDonald, David W., and K. M. Taylor, to Monsanto Chemical Co. Purification of acrylonitrile. 2,770,645, 11-13-56, Cl. 260-468.9.
- McDonald, Donald, to Cook Electric Co. Frequency sensitive control apparatus. 2,747,146, 5-22-56, Cl. 317-147.
- McDonald, Donald, to Cook Electric Co. Frequency sensitive circuit control apparatus. 2,761,031, 8-28-56, Cl. 200-80.
- McDonald, Donald. Nontoxic humidifier or air-moistening means. 2,767,018, 10-16-56, Cl. 299-20.
- McDonald, Frank S. Portable collapsible bar. 2,764,462, 9-25-56, Cl. 312-140.2.
- McDonald, Harrison B. Refrigerated container. 2,763,134, 9-18-56, Cl. 62-86.
- McDonald, Hugh J., and M. B. Williamson, to Precision Scientific Co. Method and apparatus for ionography. 2,768,948, 10-30-56, Cl. 204-180.
- McDonald, Jack: *See—*
- Shapiro, Zalman M., and McDonald. 2,739,566.
- McDonald, Jack J.: *See—*
- Arneson, Howard M., and McDonald. 2,738,492.
- McDonald, James D., to General Electric Co. Brush holder for electric machine. 2,763,801, 9-18-56, Cl. 310-239.
- McDonald, John C., to The Dow Chemical Co. Magnesium-base alloy. 2,774,664, 12-18-56, Cl. 75-168.
- McDonald, John E., to Westinghouse Electric Corp. Apparatus for cooling the bearings of fans. 2,733,001, 1-31-56, Cl. 230-111.
- McDonald, John W. Piercing valve. Re. 24,199, 8-21-56, Cl. 137-318.
- McDonald, Joseph F. Earth conditioning and seeding machine. 2,730,054, 1-10-56, Cl. 111-10.
- McDonald, Louis, and A. E. Hawley, to Kelite Corp. Compositing hood with hard hat. 2,763,562, 7-10-56, Cl. 2-8.
- McDonald, William A.: *See—*
- Rava, Alexander. 2,768,279.
- McDonald, William K.: *See—*
- Alexander, William M., McDonald, and Lee. 2,764,160.
- McDonald Aircraft Corp.: *See—*
- Baltazar, Alb C., Sargent, and Schmidt. 2,740,254.
- Landholt, Elmer C. 2,750,217.
- Marschner, Charles F. 2,763,908.
- Winter, John S., Kallal, and Mazzoni. 2,745,248.
- McDonnell, Basil: *See—*
- McDonnell, Joseph N., Miller, and McDonnell. 2,768,168.
- McDonnell, Charles W.: *See—*
- Felt, Arthur J. Re. 24,108.
- McDonnell, James A., to Sperry Rand Corp. Control system for aircraft surfaces. 2,769,603, 11-6-56, Cl. 244-77.
- McDonnell, John A., to General Electric Co. Transformer for electric structure. 2,756,870, 7-24-56, Cl. 174-52.
- McDonnell, Joseph M., and H. D. Mowers, to General Motors Corp. Antenna mechanism. 2,763,340, 9-18-56, Cl. 189-23.
- McDonnell & Miller, Inc.: *See—*
- Knieck, Leopold J. 2,747,802.
- Knieck, Leopold M., and McDonnell. 2,770,695.
- McDonnell, Richard: *See—*
- Ramsay, Duncan, and McDonnell. 2,763,193.
- McDonough, Amanda J.: *See—*
- McDonough, Charles G. 2,742,292.
- McDonough, Charles G., to B. V. Clancey and A. J. McDonough. Playing card holder, assorting and displaying device. 2,742,292, 4-17-56, Cl. 273-150.
- McDonough, Everett G., to Tide Water Patent Development Co., Inc. Permanent waving solutions and method. 2,736,823, 2-28-56, Cl. 132-7.
- McDonough, F. Marvin: *See—*
- McDonough, James S. 2,744,795.
- McDonough, Herbert E.: *See—*
- McDonough, James S. 2,744,795.
- McDonough, James E.: *See—*
- McDonough, James S. 2,744,795.
- McDonough, James S., deceased: H. E. J. E., and F. M. McDonough, administrators, to The Finest Scaffold Co. Scaffolds. 2,744,795, 5-8-56, Cl. 304-2.
- McDonough, Paul F. Concrete form structure. 2,775,017, 12-25-56, Cl. 25-118.
- McDonough, Robert P.: *See—*
- Chapman, Albert B., McDonough, and Jackson. 2,759,709.
- McDonough, Will D., and J. F. Ennis. Paper trimmer. 2,765,037, 10-2-56, Cl. 164-77.
- McDougall, Murray: *See—*
- Graves, Elliot D., and McDougall. 2,743,753.
- McDougall, Paul A., Sr., and F. C. Seemann. Bulkhead for shipping compartments. 2,752,864, 7-3-56, Cl. 105-376.
- McDougall, George: *See—*
- Tosi, Fred, and McDougall. 2,763,465.
- McDougall, John A., to Ford Motor Co. Window regulator. 2,745,662, 5-15-56, Cl. 268-104.
- McDowall, Charles J., J. B. Wheatley, and F. G. Dougherty, to General Motors Corp. Combustion chamber crossover tube. 2,729,938, 1-10-56, Cl. 60-39.37.
- McDowall, Charles J., to General Motors Corp. Gas turbine engine with thrust balancing coupling. 2,738,920, 3-20-56, Cl. 230-116.
- McDowall, Charles J., and O. V. Montleith, to General Motors Corp. Turbine casing construction. 2,763,462, 9-18-56, Cl. 253-78.
- McDowell Co., Inc.: *See—*
- Nichols, Charles W. 2,729,570.
- Widdowson, Carl A. 2,734,519.

- McDowell, Lonzo A. Reflector oven. 2,757,664, 8-7-56, Cl. 126-275.
- McDowell Mfg. Co. See—  
Hempel, Gustav A. 2,730,115.  
Richard, Clyde E. 2,730,116.
- McDowell, Nathan H., and P. D. Myers, to Aviation Developments, Inc. Packaging machine. 2,752,742, 7-3-56, Cl. 53-180.
- McDuffee, John K., to Western Electric Co., Inc. Metal to glass sealing fixture. 2,775,068, 12-25-56, Cl. 49-1.
- McDuffee, Archie D., to General Motors Corp. Combustion chamber. 2,736,506, 2-2-56, Cl. 123-191.
- McDuffee, Archie D., to General Motors Corp. High compression combustion chambers. 2,737,170, 3-6-56, Cl. 123-191.
- McElgin, John W., to John J. Nesbitt, Inc. Apparatus for air conditioning. 2,775,432, 12-23-56, Cl. 257-137.
- McElhaney, Edward J. Steam vacuum boiler. 2,745,941, 5-15-56, Cl. 219-38.
- McElhone, Harry: See—  
McElhone, James J. and H. 2,757,263.
- McElhone, James J. and H. Master switch for automobiles. 2,757,263, 7-31-56, Cl. 200-138.
- McElligott, Edward M., to Swedish Crucible Steel Co. Process of producing pearlescent plastic articles. 2,774,992, 12-25-56, Cl. 18-55.
- McElligott, Edward M., to General Electric Co. 6-phase, 2-circuit generators. 2,731,576, 1-17-56, Cl. 310-202.
- McElligott, John E., to General Electric Co. Polyphase generators. 2,745,029, 5-8-56, Cl. 310-202.
- McElrath, Thomas, and A. P. Scheller, to Union Carbide and Carbon Corp. Water cooled sigma guide tube. 2,761,049, 8-28-56, Cl. 219-14.
- McElroy, Albert D., and R. M. Hunt, to Callery Chemical Co. Preparation of metal fluoroborates. 2,772,228, 11-27-56, Cl. 204-59.
- McElroy, George S., to Owens-Corning Fiberglass Corp. Method and apparatus for collecting strands. 2,742,737, 4-24-56, Cl. 49-17.
- McElroy, Robert G. See—  
Johnson, Clarence S., and McElroy. 2,767,639.
- McElroy, Roy H., to International Clay Machinery of Delaware, Inc. Apparatus for making a ceramic tile building panel. 2,738,825, 3-20-56, Cl. 154-1.
- McElwain, Alan C., and D. F. Link. Disk sharpener. 2,730,913, 1-17-56, Cl. 76-189.2.
- McEntee, Howard G. Electrical tachometer. 2,751,553, 6-19-56, Cl. 324-70.
- McEntire, Barney B. Box handling apparatus. 2,765,826, 10-9-56, Cl. 144-288.
- McEvoy, Francis J. See—  
Baker, Bernard R., and McEvoy. 2,775,597.
- McEvoy, Joseph: See—  
Christy, James W., and McEvoy. 2,769,069.
- McEwan, James. Saw jointer. 2,729,120, 1-8-56, Cl. 76-47.
- McEwan, James. Saw sharpener. 2,741,143, 4-10-56, Cl. 76-31.
- McEwan, James. Saw sharpener. 2,775,146, 12-25-56, Cl. 76-79.
- McEwen, Norman S., to The Uni-Mac Co. Division of Help Servis Service System Inc. Brake. 2,757,759, 8-7-56, Cl. 188-71.
- McFadden, Fred. Fluid actuated rotary tool. 2,732,671, 1-31-56, Cl. 51-170.
- McFadden, George H., B. Bennett, and R. E. Boyd, to General Motors Corp. Manufacture of rubber goods from a latex containing a fluotitanate and fluoride. 2,731,427, 1-17-56, Cl. 260-25.
- McFadden, William C., to Hycon Mfg. Co. Curtain shutter roller brake. 2,758,528, 8-14-56, Cl. 95-57.
- McFadden, William C., to Hycon Mfg. Co. Focal plane shutter brake. 2,758,527, 8-14-56, Cl. 95-57.
- McFall, John C., and H. C. Yutzy, to Eastman Kodak Co. Reduction of viscosity of packet photographic emulsions. 2,735,768, 2-21-56, Cl. 95-7.
- McFarland, Arthur E. and A. F. Sample taking apparatus. 2,729,105, 1-3-56, Cl. 73-422.
- McFarland, Artie F. See—  
McFarland, Arthur E., and A. F. 2,729,105.
- McFarland, Forest R., to Studebaker-Packard Corp. Anti-rattling planetary gearing. 2,735,310, 2-21-56, Cl. 74-409.
- McFarland, Forest R., to Studebaker-Packard Corp. Trapped spring sprag clutch. 2,735,327, 2-21-56, Cl. 192-45.1.
- McFarland, Forest R., to Studebaker-Packard Corp. Hydraulically operated servo-motor. 2,769,307, 11-9-56, Cl. 60-97.
- McFarland, Marvin C. Frame brace and aligner. 2,759,740, 8-21-56, Cl. 280-106.5.
- McFarlin, Robert W. Fire extinguisher. 2,754,913, 7-17-56, Cl. 169-28.
- McFee, John S., to General Box Co. Wire-bound crate. 2,734,652, 2-14-56, Cl. 217-12.
- McGaffey, Hildred W. Dish washing appliance. 2,759,767, 8-21-56, Cl. 299-83.
- McGaffey-Taylor Corp. See—  
Haines, Marcus W. 2,739,653.
- McGarvey, Alan R., to Armstrong Cork Co. Method of improving the scrub resistance of polyvinyl acetate coating compositions. 2,739,910, 3-27-56, Cl. 117-161.
- McGarry, Charles E. See—  
McGarry, Francis L., and C. E. 2,742,698.
- McGarry, Francis L. and C. E. Cable cutting and swaging tool. 2,742,698, 4-24-56, Cl. 30-237.
- McGaughan, Alexander S. See—  
Johnson, Hugh B., McGaughan, and Weidinger. 2,750,013.
- McGaughy, James H.: See—  
Chapel, John J., and McGaughy. 2,765,390.
- McGauley, Patrick J., S. Nashner, and V. Kudryk, to Chemical Construction Corp. Method of recovering non-ferrous metal values. 2,746,859, 5-22-56, Cl. 75-113.
- McGauley, Patrick J., F. A. Schauffeleger, and E. S. Roberts, to Chemical Construction Corp. Selective replacement of metal sulfides. 2,755,172, 7-17-56, Cl. 23-134.
- McGay, John B., and H. E. Spore, to Rockwell Mfg. Co. Integrator. 2,773,642, 12-11-56, Cl. 235-61.
- McGee, Elbert B. Navigation computing instrument. 2,758,029, 7-21-56, Cl. 235-61.
- McGee, Hugh C. N. Live-bait container. 2,732,653, 1-31-56, Cl. 43-55.
- McGee, John M., to Bernardin Bottle Cap Co., Inc. Apparatus for and method of installing self-venting liners for container-sealing caps. 2,756,632, 7-31-56, Cl. 93-13.
- McGee, Leland T. Hydraulic steering mechanism for vehicles having variable tread steerable wheels. 2,764,248, 9-25-56, Cl. 180-79.2.
- McGee, Daniel D. Loose-leaf binders. 2,773,504, 12-11-56, Cl. 129-41.
- McGibbon, Archie S., to Lukens Steel Co. Surface finishing apparatus. 2,752,734, 7-3-56, Cl. 51-142.
- McGibon, Leonard: See—  
Donald, Alexander, and McGibon. 2,746,226.
- McGibon, Leonard, to King Sales & Engineering Co., as trustee. Variable drive mechanism. 2,731,845, 1-24-56, Cl. 74-230.17.
- McGibon, Leonard, to King Sales & Engineering Co. Bottle spreader. 2,757,611, 1-24-56, Cl. 53-391.
- McGill, Alexander: See—  
Pool, William, and McGill. 2,737,687.
- McGill, Charles K.: See—  
Dzislak, Francis E., and McGill. 2,759,946.
- McGill, Chester T., to Elgin Softener Corp. Water conditioning apparatus. 2,742,421, 4-17-56, Cl. 210-24.
- McGill Mfg. Co., Inc.: See—  
Carlson, Marvin C. 2,731,531.  
Popp, Rudolf. 2,769,898.  
Popp, Rudolf. 2,769,898.  
Smith, Richard J. 2,747,949.  
Smith, Richard J. 2,770,508.  
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- McGill Metal Products Co. See—  
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- McGill, Robert E. Fishing tools. 2,745,693, 5-15-56, Cl. 294-102.
- McGill, Clare D., and F. E. Hassel, Jr., to the United States of America as represented by the Secretary of the Navy. Controller for wave guide tuner, phase shifter, or attenuator. 2,774,946, 12-18-56, Cl. 333-98.
- McGillis, Hugh D.: See—  
McGillis, John J. and H. D. 2,738,802.
- McGillis, John J. and H. D. 2,738,802.
- McGillis, John J., and H. D. McGillis. Liquid level maintenance apparatus. 2,738,802, 3-20-56, Cl. 137-454.
- McGillis, John J. and H. D. Rotary oil burners. 2,738,837, 3-20-56, Cl. 77-7.
- McGinley, James J.: See—  
Patterson, Morehead, and McGinley. 2,739,550.
- McGinley, William L., to American Permanent Wear Co. Detachable serving tray for automobiles. 2,771,832, 11-15-56, Cl. 88-14.
- McGinn, James B., to American Viscose Corp. Steel shipping packages for tricot spools. 2,762,514, 9-11-56, Cl. 211-13.
- McGinn, John H., to Research Corp. Optical micrometer. 2,730,008, 1-10-56, Cl. 88-14.
- McGinnis, Daniel A.: See—  
Koger, Richard B., and McGinnis. 2,754,078.
- McGinty, William K., A. Schwenmer, and R. A. Bushcott, to Thomas Industries. Recessed lighting fixture box. 2,767,307, 11-15-56, Cl. 240-78.
- McGoldrick, Mary B.: See—  
McGoldrick, Raymond J. 2,750,490.
- McGoldrick, Raymond J., deceased; Mary B. McGoldrick, administratrix. Emergency lighting unit for ships. 2,750,490, 6-12-56, Cl. 240-37.1.
- McGonigal, Richard E.: See—  
Frie, George R., McGonigal, and Benkert. 2,769,657.
- McGonigle, Thomas J.: See—  
Ross, Douglas H., and McGonigle. 2,759,418.
- McGovern, Charles J.: See—  
Osterberg, Samuel O. 2,764,152.
- McGovern, Henry P., to Dennison Mfg. Co. Display box. 2,732,121, 1-24-56, Cl. 229-32.
- McGow, Thomas C., to The Rapids-Standard Co., Inc. Conveyor flip-switch. 2,751,057, 6-19-56, Cl. 193-36.
- McGowan, Francis P.: See—  
Anderson, Alton D., Bellamy, and McGowan. 2,756,404.
- McGowan, Hugh. Football helmet. 2,758,304, 8-14-56, Cl. 2-3.
- McGowan, Kenneth J. J., to Westinghouse Air Brake Co. Force reversing buffer mechanisms. 2,747,860, 5-29-56, Cl. 267-1.
- McGowan, Kenneth J. J., to Westinghouse Air Brake Co. Railway switch connecting rod. 2,772,844, 12-4-56, Cl. 246-452.
- McGowan, Michael E., to Westinghouse Electric Corp. Manufacture of parabolic reflector lamps. 2,767,675, 10-23-56, Cl. 113-52.



- McGowan, Michael E., and H. P. Hasell, to Westinghouse Electric Corp. Machine for processing the reflectors of sealed beam lamps. 2,748,588, 6-5-56, Cl. 113-59.
- McGowan, Michael E., and H. P. Hasell, to Westinghouse Electric Corp. Machine for feeding ferrules to sealed-beam reflectors. 2,764,799, 10-2-56, Cl. 29-25.19.
- McGowen, Harold E., Jr., to Camco, Inc. Bellows protector. 2,731,977, 1-24-56, Cl. 137-155.
- McGowen, Harold E., Jr., to Camco, Inc. Gauge connected, continuous flow, plug valve, having removable orifice plate. 2,764,891, 10-2-56, Cl. 73-211.
- McGrane, Norman M., to Western Precipitation Corp. Multiple element cyclonic separator. 2,768,744, 10-30-56, Cl. 209-14.
- McGrann, George A., to United States Steel Corp. Method of and apparatus for forming a composite tubular structure. 2,742,946, 4-24-56, Cl. 153-70.
- McGrath, Earle J.: See—
- Thunton, Garbo E. Verrinder, Stilwell, McGrath, and Richards. 2,759,590.
- Verrinder, Ernest A., and McGrath. 2,770,373.
- McGrath, Henry G., to The M. W. Kellogg Co. Process for upgrading hydrocarbon synthesis oil. 2,754,314, 7-10-56, Cl. 260-450.
- McGrath, Henry G., and L. C. Rubin, to The M. W. Kellogg Co. Synthesis of organic compounds from carbon monoxide and hydrogen. 2,751,405, 6-19-56, Cl. 260-449.6.
- McGrath, John R., and F. P. Blair. Convertible automobile top with telescoping sections. 2,754,149, 7-10-56, Cl. 299-107.
- McGrath, John W., to Western Electric Co., Inc. Test apparatus for electrical units. 2,762,015, 9-4-56, Cl. 324-158.
- McGrath, William L., to Carrier Corp. Air conditioning unit of the room cooler type. 2,768,514, 10-30-56, Cl. 62-129.
- McGraw Electric Co.: See—
- Atwood, Joseph G., and Clark. 2,752,479.
- Blackford, Wallace F., and Yaeger. 2,760,115.
- Clark, Philip B. 2,752,478.
- Clark, Philip B. 2,764,671.
- Clark, Philip B., and Atwood. 2,773,173.
- Ewing, Reid. 2,730,462.
- Fjellstedt, Thorsten A. 2,770,702.
- Frey, Raymond M. 2,735,826.
- Gomersall, John R. 2,750,690.
- Gomersall, John R. 2,773,321.
- Gomersall, John R. 2,773,322.
- Gustafson, David A. 2,743,665.
- Harry, William R. 2,734,961.
- Hulteen, Leonard A., and Kowalski. 2,732,466.
- Ireland, Murray. 2,750,872.
- Ireland, Murray. 2,750,874.
- Ireland, Murray. 2,773,441.
- Kowalski, Walter, and Schmitt. 2,760,034.
- Krichton, Carl V. 2,734,983.
- Krichton, Carl V. 2,769,878.
- Kyle, William D., Jr. 2,752,522.
- Lehman, Eugene J. 2,735,375.
- Leida, Harry V. 2,773,174.
- Manke, George H. 2,730,766.
- Petersen, Clifford W. 2,751,460.
- Petersen, Clifford W. 2,754,944.
- Sant, Ralph P. 2,735,911.
- Schindler, Carl. 2,767,369.
- Schneider, Hans P. 2,734,966.
- Schneider, Hans P. 2,744,179.
- Schultz, William O. 2,748,909.
- Steinmayer, Alwin G. 2,732,463.
- Steinmayer, Alwin G. 2,767,382.
- Thompson, Raymond A. 2,746,497.
- Thompson, Raymond A. 2,759,164.
- Van Dusen, Harold A., Jr. 2,750,488.
- Van Dusen, Harold A., Jr. 2,764,670.
- Van Ryan, Anthony. 2,730,671.
- Van Ryan, Anthony. 2,732,456.
- Van Ryan, Anthony. 2,748,320.
- Van Ryan, Anthony. 2,760,018.
- Van Ryan, Anthony, and Harry. 2,734,972.
- Weinfurt, Edward J. 2,757,550.
- Weinfurt, Edward J. 2,769,053.
- Weinfurt, William J. 2,774,841.
- Wiegand, David E. 2,764,732.
- Willman, Philip E. 2,760,918.
- Wood, Russell A. 2,734,965.
- Yaeger, Joseph C. 2,760,116.
- Yaeger, Joseph C. 2,767,343.
- Zimsky, John J. 2,754,459.
- Zwelling, Martin I. 2,758,796.
- McGraw, George J. Lever-wrapping sponge mop. 2,742,659, 4-24-56, Cl. 15-119.
- McGraw, George P., Jr., to Western Electric Co., Inc. Method of making stacked type capacitors from metallized dielectric. 2,756,517, 10-9-56, Cl. 29-25.42.
- McGraw, Leslie D.: See—
- Faust, Charles L., and McGraw. 2,741,182.
- McGraw, Leslie D., to Food Machinery and Chemical Corp. Chemical polishing bath. 2,736,640, 2-28-56, Cl. 41-42.
- McGregor, Clifton P., to Lockheed Aircraft Corp. Sheet metal forming die means. 2,771,891, 11-27-56, Cl. 113-46.
- McGregor, Eugene R., to Reconstruction Finance Corp. Folding and adjustable chair back. 2,750,993, 6-19-56, Cl. 155-155.
- McGregor, Thurman M. Decoy. 2,747,314, 5-29-56, Cl. 43-3.
- McGrew, John M. Dump trailer. 2,765,193, 10-2-56, Cl. 298-20.
- McGuigan, John H.: See—
- Brooks, Chester E., Lovell, McGuigan, Murphy, and Parkinson. 2,764,634.
- Brooks, Chester E., McGuigan, and Murphy. 2,738,382.
- McGuiness, Edward W., to General Electric Co. Electric coil. 2,720,204, 5-1-56, Cl. 310-218.
- McGuire, Thurston, to K. J. Huttlinger, and W. R. Deutsch. Capsule-filler. 2,742,749, 4-24-56, Cl. 53-268.
- McGuire, Bernard J., to American Steel Foundries. Axle bracket. 2,772,876, 12-4-56, Cl. 267-38.
- McGuire, Richard R.: See—
- Deer, William T., and McGuire. 2,745,951.
- McGuire, Richard R., to Westinghouse Air Brake Co. Railway track circuit for track sections, including non-insulated portions of track. 2,747,080, 5-22-56, Cl. 246-41.
- McGurk, Alfred N. Apparatus for observing fuel in fuel pressure systems of motor vehicles. 2,770,208, 11-13-56, Cl. 116-17.
- McHenry, Alan T.: See—
- Dunn, George E., and McHenry. 2,755,543.
- Dunn, George E., and McHenry. 2,755,640.
- McHenry, Thomas F., to Electric Regulator Corp. Saturable reactor control. 2,763,438, 10-2-56, Cl. 323-56.
- McIlhenny, William F., A. B. Baker, and J. A. Clarke, to The Dow Chemical Co. Method of recovering magnesium salts from sea water. 2,772,143, 11-27-56, Cl. 23-91.
- Meltrath, Roy E. Rubber protector for binders. 2,761,451, 9-25-56, Cl. 129-1.
- Melville, Oran T. Electronic noise generator. 2,764,709, 9-25-56, Cl. 313-247.
- Mellvaine, Robert L., to Herbert Simpson Corp. Continuously charging mixer. 2,758,824, 8-14-56, Cl. 259-23.
- Mellvaine, Robert L., to Herbert Simpson Corp. Mulling and aerating machine and method. 2,760,244, 8-28-56, Cl. 22-39.
- Mellvaine, William J., to Copperweld Steel Co. Method of producing composite curved metallic shapes. 2,749,607, 6-12-56, Cl. 29-456.
- Melvin, Edwin J., to The Vaughn Machinery Co. Draw block mechanism. 2,748,924, 6-5-56, Cl. 203-3.
- Melvin, Edwin J., C. P. Gardner, and J. C. Bitman, to The Vaughn Machinery Co. Wire storage and regulating means. 2,755,916, 7-24-56, Cl. 203-12.
- Mellwain, Knox, to Hazeltine Research, Inc. Simultaneous searching and tracking system. 2,761,132, 8-28-56, Cl. 343-17.
- McInerney, William K., and J. M. Continuous feed for spring loading machine. 2,736,479, 2-28-56, Cl. 226-18.
- McInerney, James M.: See—
- McInerney, William K., and J. M. 2,738,479.
- McIntire, Gladys W., to Auburn Machine Works, Inc. Trench digging machine. 2,748,504, 6-5-56, Cl. 37-86.
- McInerny, Marcella M. Device useful in giving intravenous injections. 2,763,264, 9-18-56, Cl. 128-214.
- McInnes, Dobbie Ltd.: See—
- Boyle, Archibald R., and Byrne. 2,759,355.
- McInnis, Joseph S., to A. A. Schwartz, d. b. a. Metallic Arts, Not Inc. Table lamp construction. 2,769,899, 11-6-56, Cl. 240-83.
- McInroy, Wilson H. Cigarette dumping ash tray. 2,749,917, 6-12-56, Cl. 131-240.
- McIntire, Berthous B.: See—
- Robinson, Eugene S., Briesmeister, and McIntire. 2,775,399.
- McIntire, Floyd C.: See—
- Frost, Douglas V., and McIntire. 2,738,299.
- McIntire, Harry E. Venetian blind. 2,755,854, 7-24-56, Cl. 100-176.
- McIntire, Robert L.: See—
- Begley, John W., and McIntire. 2,735,880.
- McIntire, Robert L., to Phillips Petroleum Co. Pebble heat exchange chamber. 2,751,212, 6-19-56, Cl. 263-19.
- McIntire, Robert L., to Phillips Petroleum Co. Means and method for converting hydrocarbons. 2,759,881, 8-21-56, Cl. 196-85.
- McIntire, Ross O. Lineman's climbers. 2,760,705, 8-28-56, Cl. 227-27.
- McIntosh, A. Vern, Jr.: See—
- Ponka, Gunther S., Levin, and McIntosh. 2,772,299.
- Levin, Robert H., Magerlein, and McIntosh. 2,734,907.
- Levin, Robert H., Magerlein, and McIntosh. 2,773,060.
- Magerlein, Barney J., McIntosh, and Levin. 2,773,059.
- Mariatt, Paul E., Hanze, McIntosh, and Levin. 2,752,365.
- Schneider, William F., and McIntosh. 2,769,824.
- McIntosh, Frank H.: See—
- Sulzer, Peter G. 2,764,643.
- McIntosh, Walter W., J. Moziel, and O. L. Smith, to Monsanto Chemical Co. Apparatus for extruding thermoplastic material. 2,771,636, 11-27-56, Cl. 18-12.
- McIntosh, Alexander A.: See—
- Baxter, Thomas D., and McIntire. 2,771,194.
- McIntyre, Elmer L., to Morse Chain Co. Clutch with slip indicating device. 2,753,703, 7-10-56, Cl. 64-30.
- McIntyre, Kent C. Excavating apparatus with relatively slidable supporting elements. 2,756,038, 7-24-56, Cl. 262-7.
- McIntyre, Leland K.: See—
- Davis, Maurice C., and McIntyre. 2,746,396.
- McIntyre, Sidney S., to The Humboldt Co. Combination log yarder and loader. 2,745,559, 5-15-56, Cl. 212-7.

- McIntyre, Thomas E. Spring adjusting assemblies. 2,760,772, 8-28-56, Cl. 267-20.
- McIntyre, William. Seed box loader for grain drills. 2,746,621, 5-22-56, Cl. 214-83.32
- McIver, Robert N. Sorting tables. 2,739,714, 3-27-56, Cl. 211-10.
- McJilton, Lee D., and L. D. Ellis. Electric cable connection. 2,735,989, 4-20-56, Cl. 235-70.5
- McKaig, Arthur B., to McKaig Electronics, Inc. Reminder alarm device for disconnecting vehicle lights. 2,756,408, 7-24-56, Cl. 340-52.
- McKaig Electronics, Inc.: See—
- McKaig, Arthur B. 2,756,408.
- McKain, Walter P., to Stardill-Keystone Co. Tool dressing machine. 2,767,599, 10-23-56, Cl. 76-5.
- McKay, Alexander S., to The Texas Co. Radioactive well logging. 2,741,705, 4-19-56, Cl. 250-83.3
- McKay, Alexander S., to The Texas Co. Neutron gamma-ray well logging. 2,752,504, 6-26-56, Cl. 250-71.
- McKay, Alexander S., to The Texas Co. Determining the nature of earth formations. 2,761,977, 9-4-56, Cl. 250-83.6
- McKay, Arthur F., and D. L. Garmaise, to Monsanto Canada Ltd. 1,3-diazacycloalkane compounds. 2,767,184, 10-16-56, Cl. 260-256.6
- McKay, Billy P., and W. E. Romans, to The University of Tennessee Research Corp. Motor driven automatic sample collector. 2,740,081, 3-27-56, Cl. 318-413.
- McKay, Dwight L.: See—
- Haskell, Donald M., and McKay. 2,768,169.
- McKay, Dwight L., to Phillips Petroleum Co. Phase contactor. 2,740,697, 4-19-56, Cl. 235-70.5
- McKay, Dwight L., and J. G. Huddleston, to Phillips Petroleum Co. Separation of organic compounds through selective adduct-formation with urea or thiourea. 2,763,637, 9-18-56, Cl. 260-96.5
- McKay, Homer W., to Registering dispenser. 2,757,867, 8-7-56, Cl. 235-91.
- McKay, James G. Folded carton feeding and printing device. 2,735,678, 2-21-56, Cl. 271-10.
- McKay, John P.: See—
- Yowell, Howard L., and McKay. 2,754,188.
- McKay, John F., Jr., to Esso Research and Engineering Co. Reaction product of olefin-diolefin resin with a coumarone-indene resin. 2,733,227, 1-31-56, Cl. 260-45.5.
- McKay Machine Co., The: See—
- Bandy, Kenneth L. 2,747,285.
- Bandy, Kenneth L. 2,763,064.
- Krause, Frank R. 2,775,152.
- Miller, Harvey D. 2,750,984.
- Ockerman, George R. 2,767,879.
- Thomas, Charles W. 2,735,055.
- Todd, Russell T. 2,733,750.
- McKay, Michael W.: See—
- Crane, Robert, Jr., and McKay. 2,748,384.
- McKay, Robert: See—
- Wesley, Andrew, and McKay. 2,773,816.
- McKeag, Alfred H.: See—
- Gooding, Pamela E., and McKeag. 2,736,711.
- Hunt, Brian E., and McKeag. 2,743,238.
- McKeag, Alfred H., to General Electric Co. Tin activated barium phosphate phosphor. 2,730,504, 1-10-56, Cl. 252-301.4.
- McKean, James A., to B. Bercovitz. Fluid proportioners. 2,755,740, 7-24-56, Cl. 103-11.
- McKechnie, Ian C., to Elox Corp. Electrical discharge machining. 2,753,429, 7-3-56, Cl. 219-15.
- McKee, Albert E. Valved service outlet. 2,742,052, 4-17-56, Cl. 137-329.1
- McKee, Chester W., and R. W., to Teleweld, Inc. Rail detector pickup and coil. 2,766,425, 10-9-56, Cl. 324-37.
- McKee, Edward S., to Eastman Kodak Co. Blade and cover blind shutter. 2,731,895, 1-24-56, Cl. 93-60.
- McKee, George K., to The Elreco Corp. Fitting or coupling for bracket arm. 2,760,142, 6-12-56, Cl. 248-216.
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- Burge, James S., Foust, Shaw, Rider, and McKee. 2,736,358.
- Burge, James S., McKee, Alexander, Conrad, Rider, Noetzel, and Salatin. 2,769,228.
- Burge, James S., McKee, Conrad, Salatin, and Rider. 2,761,559.
- McKee, James W.: See—
- Anderson, Roy H., and McKee. 2,764,373.
- McKee, John F., M. E. Hartzler, R. K. Young, C. L. Ramirez, and R. D. George, to McKee Door Co. Door for airplane hangars and the like. 2,759,226, 8-21-56, Cl. 20-16.
- McKee, John R., to R. E. Bester, and composite sealing washer having a deflectable rim. 2,761,347, 9-4-56, Cl. 85-1.
- McKee, Perry O. E. Fluid coupling. 2,758,443, 8-14-56, Cl. 60-54.
- McKee, Ralph H. Process for making pulp and paper. 2,731,844, 1-17-56, Cl. 92-9.
- McKee, Richard W.: See—
- McKee, Chester W., and R. W. 2,766,425.
- McKee, Richard W., to Teleweld, Inc. Method and apparatus for detecting fissures in rail. 2,766,424, 10-9-56, Cl. 324-37.
- McKee, Robert B., Jr., and C. E. Beyer, to The Dow Chemical Co. Plasticating torpedo for plastics die expressing machines. 2,740,160, 4-3-56, Cl. 18-30.
- McKee, Sheldon R., to J. A. Lorch. Handcuffs. 2,759,349, 8-21-56, Cl. 70-16.
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- Armistead, Fontaine C., and McKee. 2,759,107.
- McKee, Theresa M., to Texaco Development Corp. Thermal neutron measuring. 2,733,255, 1-31-56, Cl. 250-71.
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- McKelley, Samuel D. Telephonic apparatus. 2,729,707, 1-3-56, Cl. 179-90.
- McKelvey, Lawrence N., Jr., and A. F. Segrest, to Graver Tank & Mfg. Co., Inc. Demulsifier. 2,734,593, 2-14-56, Cl. 138-27.
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- McKendree, Samuel M. Dry cleaning systems. 2,733,587, 2-7-56, Cl. 68-18.
- McKendree, Scott W., to McKendree Products Co. Pinfeather picker. 2,753,590, 7-10-56, Cl. 17-11.
- McKendrey, Leo. Hospital chair. 2,770,289, 11-13-56, Cl. 155-45.
- McKenna, Alexander G., to Ward Leonard Electric Co. Voltage regulating system. 2,768,344, 10-23-56, Cl. 322-25.
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- Bussell, Aljo J., and McKenna. 2,743,264.
- McKenna, Francis E., to Kenamata, Inc. File and method of making the same. 2,768,422, 10-30-56, Cl. 29-78.
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- McKenna, Quentin H., to Horizonte Titanium Corp. Preparation of double fluorides of titanium and an alkali metal. 2,772,946, 12-4-56, Cl. 23-88.
- McKenzie, George H. Traction device for vehicles. 2,742,940, 4-24-56, Cl. 152-218.
- McKenney, Henry F., and L. H. Rowley, to The Sperry Corp. Voltage motor system. 2,734,157, 2-7-56, Cl. 318-207.
- McKenney, Henry F., and G. A. Lieske, to Sperry Rand Corp. Ground position indicator system. 2,752,091, 6-26-56, Cl. 235-61.
- McKenney, Russell C.: See—
- Clark, Jolly D., and McKenney. 2,751,810.
- McKenzie, Angus A. Sandpaper block and brush holder. 2,760,217, 8-28-56, Cl. 15-105.
- McKenzie, George D. Pneumatic cotton harvester. 2,736,151, 2-28-56, Cl. 5-13.
- McKenzie, Robert T., and V. C. Campbell, to General Electric Co. Means and methods for processing cathode ray tube bulbs. 2,763,564, 9-18-56, Cl. 117-8.
- McKenzie, Robert T., and C. L. Smith, to General Electric Co. Means and methods for processing cathode ray tube bulbs. 2,763,565, 9-18-56, Cl. 117-8.
- McKenzie, William H. Carbolyt tipping double end inserted scraper and handle. 2,766,471, 10-16-56, Cl. 13-105.
- McKeon, Charles E.: See—
- Hauswirth, Vernon O., and McKeon. 2,729,468.
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- McKeown, Edward P., to Whirlpool-Seeger Corp. Motor driven bidirectional pump and control circuit therefor. 2,764,722, 8-25-56, Cl. 318-207.
- McKern, Boyd W. Fishing gear container. 2,749,645, 6-12-56, Cl. 43-26.
- McKernan, John G. Oilless elevator guide shoe gib. 2,743,966, 5-1-56, Cl. 308-8.
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- McKim, Stanton R.: See—
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- McKim, Walter E. Rodent traps. 2,733,541, 2-7-56, Cl. 43-0.
- McKinley, Benjamin P. Outlet box support. 2,732,162, 1-24-56, Cl. 248-343.
- McKinley, Boyd R. Formation tester with pressure equalizing means. 2,775,305, 12-25-56, Cl. 169-149.
- McKinley, Clyde, and J. P. Brusie, to General Aniline & Film Corp. Elimination of color-forming impurities from 1,4-butanediol. 2,768,214, 10-23-56, Cl. 260-637.
- McKinley, Fred E. Apparatus for preventing release of contaminants from the exhaust of an internal combustion engine. 2,741,233, 4-10-56, Cl. 123-97.
- McKinley, Fred E. Exhaust gas purifying apparatus. 2,771,736, 11-27-56, Cl. 60-30.
- McKinley, Gordon C.: See—
- Bolton, John A., and McKinley. 2,745,554.
- McKinley, James G., to The Dayton Rubber Co. Flexible hose. 2,741,267, 4-10-56, Cl. 138-56.
- McKinley, Joseph B., and C. W. Montgomery, to Gulf Research & Development Co. Process for preparing impregnated catalysts. 2,741,692, 4-10-56, Cl. 252-410.



- McKinley, Joseph B., and C. W. Montgomery, to Gulf Research & Development Co. Isomerization of saturated hydrocarbons in the presence of a polynuclear condensed ring compound as cracking inhibitor. 2,762,854, 9-1-56, Cl. 260—683.5.
- McKinley, Paul A., and R. W. Wollan, to Collins Radio Co. Gyro stabilized compass. 2,741,855, 4-17-56, Cl. 33—222.
- McKinley, Albert W., J. C. Howard, and J. H. Ernest, to The Ashley Machine Co. Poultry scalding machine. 2,728,938, 1-3-56, Cl. 17—11.2.
- McKinley, William H., to The General Fireproofing Co. Chair base. 2,746,705, 5-22-56, Cl. 248—194.
- McKinley, William H., to The General Fireproofing Co. Adjusting means for adjustable chair. 2,756,807, 7-31-56, Cl. 155—157.
- McKinley, William H., to The General Fireproofing Co. Mounting for vertically adjustable swivel chair post. 2,758,685, 8-14-56, Cl. 155—93.
- McKinney, Alfred H., Apparatus for measurement of levels of materials in tanks. 2,757,474, 8-14-56, Cl. 73—313.
- McKinney, Charles D. Jr., and M. G. Reitenour, Jr., to Hercules Powder Co. Blasting machine. 2,763,812, 9-18-56, Cl. 315—205.
- McKinney, Charles D. Jr., and M. G. Reitenour, Jr., to Hercules Powder Co. Blasting machine. 2,763,813, 9-18-56, Cl. 315—205.
- McKinney, Dwayne B., to Shaffer Tool Works. String centering device for deep well platforms. 2,741,459, 4-10-56, Cl. 255—23.
- McKinney, Eldon O. Amphibious device of the foldable outrigger type. 2,759,201, 8-21-56, Cl. 9—1.
- McKinney, John F., Jr., to Sun Oil Co. Apparatus for elevating contact material. 2,744,793, 5-8-56, Cl. 302—53.
- McKinney, Leonard L., J. C. Cowan, and C. D. Evans, to the United States of America as represented by the Secretary of Agriculture. Coating composition stabilized with a cyanothethylated protein. 2,775,565, 12-25-56, Cl. 260—8.
- McKinney Mfg. Co.: See—  
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- McKinney, Oliver D. Wire gate fastener. 2,773,714, 12-11-56, Cl. 292—246.
- McKinnis, Art C.: See—  
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James, Ivor J., Jr., and McKinnis. 2,756,247.
- McKinnis, Art C., to Union Oil Co. Decarboxylation of trimellitic acid. 2,729,674, 1-3-56, Cl. 260—522.
- McKinnis, Art C., to Union Oil Co. of California. Preparation of isophthalic and terephthalic acids. 2,732,266, 1-31-56, Cl. 260—525.
- McKinnis, Art C., to Union Oil Co. of California. Production of terephthalic and isophthalic acids. 2,734,914, 2-14-56, Cl. 260—522.
- McKinnis, Art C., to Union Oil Co. of California. Recovery of nitrogen bases from mineral oils. 2,741,578, 4-10-56, Cl. 196—14.4.
- McKinnis, Art C., to Union Oil Co. of California. Adducts of substituted phosphoryl amides. 2,756,252, 7-24-56, Cl. 260—501.
- McKinnis, Art C., to Union Oil Co. of California. Process for separating hydrogen cyanide from acidic gaseous mixtures. 2,759,797, 8-21-56, Cl. 23—151.
- McKinnis, Art C., to Union Oil Co. of California. Separation of phosphoryl amide adducts of benzene dicarboxylic acids. 2,760,974, 8-28-56, Cl. 260—501.
- McKinnis, Art C., to Union Oil Co. of California. Process for hydrogen cyanide production. 2,763,532, 9-18-56, Cl. 23—151.
- McKinnis, Art C., and J. L. Bills, to Union Oil Co. of California. Separation of isophthalic and terephthalic acids. 2,741,633, 4-10-56, Cl. 260—525.
- McKinnon, Francis W. Container seal. 2,760,666, 8-28-56, Cl. 215—46.
- McKissick, William H., and J. E. Fate, Jr. Tubing anchor. 2,769,499, 11-6-56, Cl. 166—209.
- McKittick, John A. Clothes pin holder. 2,749,000, 6-5-56, Cl. 224—28.
- McKnight, Charles B., to Phillips Petroleum Co. Treatment of oil before extraction with sulfur dioxide. 2,753,294, 7-3-56, Cl. 196—52.
- McKnight, Charles B., and D. W. Thompson, ½ to Allegheny Ludlum Steel Corp. and ½ to General Electric Co. Process of producing silicon steel laminations. 2,738,295, 3-13-56, Cl. 148—113.
- McKnight, James L. Wash pit cleaner. 2,753,877, 7-10-56, Cl. 134—14.
- McKnight, Robert N., to Phelps Dodge Copper Products Corp. Insulated conductor and method of making same. 2,734,934, 2-14-56, Cl. 174—121.
- McKnight, Stewart, and B. W. Peebles, to Mohasco Industries, Inc. Pile fabrics. 2,760,528, 8-28-56, Cl. 139—402.
- McKune, Duane R., to Minute Maid Corp. Unscrambler construction. 2,743,807, 5-1-56, Cl. 198—30.
- McKune, Duane R., to Brodgetex Co. Unscrambler construction. 2,757,779, 8-7-56, Cl. 198—30.
- McKune, Duane R., to Brodgetex Co. Unscrambler construction. 2,771,981, 11-27-56, Cl. 198—30.
- McLachlan, Dan, Jr., to Research Corp. Optical analog computer using projected light patterns. 2,733,631, 2-7-56, Cl. 88—14.
- McLachlan, Dan, Jr., to American Cyanamid Co. X-ray microscope. 2,735,018, 2-14-56, Cl. 250—53.
- McLagan, Russell G., to The American Laundry Machinery Co. Paddling for sleeve pressing machines. 2,743,853, 5-1-56, Cl. 223—57.
- McLagan, John R. Axle cleaning device. 2,751,617, 6-26-56, Cl. 15—88.
- McLain, George H. Hospital annunciator system. 2,736,888, 2-28-56, Cl. 340—316.
- McLain, Roy W.: See—  
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Blaser, Wilfred A., and McLain. 2,761,270.
- McLamore, William M.: See—  
Blaver, Abraham, Gollaher, and McLamore. 2,745,838.  
Bavley, Abraham, Harfenist, Lazier, and McLamore. 2,742,480.  
Bavley, Abraham, Harfenist, and McLamore. 2,750,428.  
Bavley, Abraham, and McLamore. 2,746,900.
- McLanahan & Stone Corp.: See—  
Fye, Ronald L. 2,753,161.
- McLane, James A.: See—  
McLane, Thomas T., P. R., and J. A. 2,738,785.
- McLane, Paul R.: See—  
McLane, Thomas T., P. R., and J. A. 2,738,785.
- McLane, Thomas T., P. R., and J. A. Air heating furnace. 2,738,785, 3-20-56, Cl. 126—110.
- McLaren, Donald M., to The Babcock & Wilcox Co. Solid material feeders. 2,742,712, 4-24-56, Cl. 34—164.
- McLaren, Ian H.: See—  
Civin, William C., and McLaren. 2,762,927.
- McLaren, Ian H., and W. C. Wiley, to Bendix Aviation Corp. Ion source. 2,732,500, 1-24-56, Cl. 250—41.9.
- McLaren, Ian H., and W. C. Wiley, to Bendix Aviation Corp. Mass spectrometer. 2,743,370, 4-24-56, Cl. 250—41.9.
- McLaren, Ian H., and W. C. Wiley, to Bendix Aviation Corp. Apparatus for and method of detecting leaks. 2,765,407, 10-2-56, Cl. 250—41.9.
- McLaren, James D., to General Electric Co. Apparatus for measuring rotation of a shaft. 2,746,683, 5-22-56, Cl. 255—103.5.
- McLaughlin, Arthur B. Automatic proportioning device. 2,772,818, 12-4-56, Cl. 223—368.
- McLaughlin, Thomas A., to United States Steel Corp. Magnetic compensator. 2,730,641, 1-10-56, Cl. 313—75.
- McLaughlin, Bernard A., and E. W. Keaher. Machine-tool with a extendible and downwardly sloping support for a movable jaw. 2,744,450, 5-8-56, Cl. 81—22.
- McLaughlin, Donald J., to the United States of America as represented by the Secretary of the Navy. Motor driven rheostat. 2,730,596, 1-10-56, Cl. 201—48.
- McLaughlin, George H., and W. A. Robinson, to the McPhar Engineering Co. of Canada Ltd. Electromagnetic drill hole exploration method and apparatus. 2,746,009, 5-15-56, Cl. 324—6.
- McLaughlin, Harris M., to Zonite Products Corp. Medicated vaginal tampons. 2,739,593, 3-27-56, Cl. 128—263.
- McLaughlin, James A., to W. J. Burke & Co. Wrench for a movable jaw. 2,744,450, 5-8-56, Cl. 81—22.
- McLaughlin, James A. Concrete spacer tie rod. 2,775,018, 12-25-56, Cl. 25—131.
- McLaughlin, John J., to The Wilkie Co. Ambidextrous conveyor. 2,732,053, 1-24-56, Cl. 193—36.
- McLaughlin, John J., to The Wilkie Co. Conveyor. 2,732,922, 1-24-56, Cl. 193—35.
- McLaughlin, Joseph K., and N. E. Oglesby, to Norton Co. Coated abrasive wheel manufacture. 2,769,284, 11-6-56, Cl. 51—193.5.
- McLaughlin, Paul J., to Rohm & Haas Co. Methods of producing diallyl ether fibrous products containing synthetic resins. 2,765,229, 10-2-56, Cl. 92—1.
- McLaughlin, Robert B. Endless track supported invalid chair. 2,751,027, 6-19-56, Cl. 180—9.1.
- McLaughlin, Robert W., and G. F. Kotrbaty. Wall unit. 2,730,210, 1-10-56, Cl. 189—34.
- McLaughlin, Samuel P. Egg opener. 2,729,254, 1-3-56, Cl. 146—2.
- McLaughlin, Victor N.: See—  
Vergilio, Arthur D., McLaughlin, and Varney. 2,740,001.
- McLaurin, James N., ½ to E. T. Marler Ltd. Screen stencil-printing machines. 2,739,530, 3-27-56, Cl. 101—123.
- McLaurin, James N., ½ to E. T. Marler Ltd. Screen stencil-printing machines. 2,751,842, 6-26-56, Cl. 101—123.
- McLay, Gavin S., to Stewarts and Lloyds Ltd. Apparatus for the manufacture of seamless metal tubes. 2,768,541, 10-30-56, Cl. 80—14.
- McLay, Gavin S., to Stewarts and Lloyds Ltd. Pilger mill apparatus. 2,775,150, 12-25-56, Cl. 80—14.
- McLean, Daniel C., to the United States of America as represented by the United States Atomic Energy Commission. Process for recovering uranium and vanadium from ores. 2,756,122, 7-24-56, Cl. 23—14.5.
- McLean, David A.: See—  
Houtz, Charles C., and McLean. 2,739,275.  
Houtz, Charles C., and McLean. 2,756,373.
- McLean, David A., and H. G. Wehe, to Bell Telephone Laboratories, Inc. Method of making electrical capacitors. 2,765,230, 7-10-56, Cl. 115—212.
- McLean, Harold T., to General Electric Co. Recording device. 2,746,834, 5-22-56, Cl. 346—113.
- McLean, Harold T., to General Electric Co. Method and apparatus for measuring charges on liquids. 2,756,388, 7-24-56, Cl. 324—71.
- McLean, James: See—  
Foster, Robert H., and McLean. 2,766,707.  
Foster, Robert H., and McLean. 2,773,458.
- McLean, James D., Jr. Holder for microscope slides. 2,761,557, 9-4-56, Cl. 206—62.
- McLean, James D., Jr. Holder for microscope slides. 2,761,558, 9-4-56, Cl. 206—62.

- McLean, Mark L., and H. F. Overmier, to Sylvania Electric Products Inc. Adaptor with cam actuation. 2,738,453, 9-13-56, Cl. 230-106.
- McLean, Philip S. Suit hanger. 2,775,378, 12-25-56, Cl. 223-91.
- McLean, Robert F.: *See*—
- Gelfand, Louis, and McLean. 2,763,508.
- McLean, Robert F., to General Motors Corp. Retractable rear window for an automobile. 2,747,923, 5-29-56, Cl. 296-44.
- McLean, Wallace W. Ventilating apparatus. 2,735,611, 2-21-56, Cl. 230-117.
- McLennan, Wayne W. Sucking dryer and stretcher. 2,736,473, 2-28-56, Cl. 222-75.
- McLennan, Willard D. Supplemental shoe for automobile tires. 2,735,471, 2-21-56, Cl. 152-187.
- McLennan, William B.: *See*—
- Warner, Arthur H., and McLennan. 2,752,850.
- McLennan, William B., to the United States of America as represented by the Secretary of the Navy. A. C. power supply. 2,743,412, 4-24-56, Cl. 322-96.
- McLennan, William B. Free diving apparatus. 2,743,722, 2-1-56, Cl. 128-142.
- McLennan, William B., and W. L. Whitson. Balanced capacitor integrator. 2,758,511, 8-14-56, Cl. 89-15.
- McLeish, Charles W., and D. H. Rumble, to National Research Council. Device for the precise determination of frequency. 2,764,736, 9-25-56, Cl. 324-79.
- McLeland, Harold H.: *See*—
- Lattner, Emert J., and McLeland. 2,735,587.
- McLellan, Harry E. S., and K. W. Blaxhall, to International Standard Electric Corp. Polarised electromagnetic relays. 2,751,929, 9-25-56, Cl. 200-93.
- McLellan, Kenneth M., to Industrial Rayon Corp. Thread-advancing reel. 2,770,962, 11-20-56, Cl. 68-205.
- McLellan, Thomas A.: *See*—
- Blair, James, Caldwell, and McLellan. 2,741,638.
- McLellan, William H., to Kelman Electric and Mfg. Co. Time delay circuit breaker. 2,753,494, 7-3-56, Cl. 317-141.
- McLelland, Roger T. Head protecting shock absorber for vehicle windshields. 2,757,040, 7-31-56, Cl. 296-84.
- McLeod, Gordon D.: *See*—
- Wolf, William F., and McLeod. 2,744,937.
- McLeod, Gordon D., to Standard Oil Co. Preparation of organo thioarsenites and antimonites. 2,768,192, 10-23-56, Cl. 260-440.
- McLeod, Gordon D., to Esso Research and Engineering Co. Preparation of trialkyl trithiophosphites. 2,768,194, 10-23-56, Cl. 260-461.
- McLeod, John E. Lubricated bearing and lubricating unit therefor. 2,758,893, 8-14-56, Cl. 308-87.
- McLeod, John H., to Eastman Kodak Co. Optical aligners employing axicons. 2,759,393, 8-21-56, Cl. 88-14.
- McLeod, John H., to Eastman Kodak Co. Optical tester for thread drunkenness. 2,767,482, 10-23-56, Cl. 33-199.
- McLeod, Stewart B., to Detroit Harvester Co. Automobile top and window actuating circuit responsive to moisture conditions. 2,731,588, 1-17-56, Cl. 318-483.
- McLeod, Thomas S., to International Standard Electric Corp. Electric frequency modulating circuits. 2,735,983, 2-21-56, Cl. 332-22.
- McLeod, Kenneth W.: *See*—
- Johnson, Ford L., and McLeod. 2,756,286.
- McCart, Malcolm D., and McLeod. 2,745,085.
- McMahon, Kenton D. Vacuum cleaner. 2,729,303, 1-3-56, Cl. 183-41.
- McMahon, Walter C. Lift mechanism for extending a horizontal support. 2,744,805, 5-8-56, Cl. 312-27.
- McMahon, Bernard A. Freight car brace. 2,766,704, 10-16-56, Cl. 105-369.
- McMahon, Claude. Blade attachment for tractors. 2,733,525, 2-7-56, Cl. 37-144.
- McMahon, Howard O.: *See*—
- Nason, Walter C., Jr., McMahon, and Morgan. 2,729,357.
- McMahon, James, and J. D. Baldwin, Jr., to The Weather-head Co. Freezing tool. 2,749,738, 6-12-56, Cl. 82-1.
- McMahon, James E.: *See*—
- Dodd, Arthur E., and McMahon. 2,734,130.
- McMahon, James E., Jr., to Westinghouse Air Brake Co. Draining equipment detector system. 2,747,081, 5-22-56, Cl. 246-219.
- McMahon, John F., Jr.: *See*—
- McCotter, James D., Jr., Schmitz, Clarke, and McMahon. 2,753,478.
- McMahon, Morgan E., to Hughes Aircraft Co. Semiconductor variable circuit. 2,737,601, 3-6-56, Cl. 307-88.5.
- McMannus, Howard G.: *See*—
- Gerry, Julian E., and McMannus. 2,747,549.
- McManus, Cecilia D.: *See*—
- McManus, Joseph D., and Duemler. 2,731,282.
- McManus, Joseph D., deceased, by C. D. McManus, executrix, and O. E. Duemler, to Walworth Co. Shaft seal. 2,731,282, 1-17-56, Cl. 286-27.
- McMartin, James I.: *See*—
- Osgood, Charles P., Jr., Grosvenor, McMartin, and Schirmer. 2,748,692.
- McMaster, Archie J., and W. H. Kitto, to G-M Laboratories, Inc. Knife sharpener. 2,775,075, 12-25-56, Cl. 51-128.
- McMaster, Elmer L., and H. Tolkmith, to The Dow Chemical Co. Resinous reaction products of hexaalkylphosphorous triamides and chloromethylated vinyl aromatic copolymers. 2,764,560, 9-25-56, Cl. 260-2.1.
- McMaster, Elmer L., and W. K. Glesner, to The Dow Chemical Co. Resinous insoluble vinyl aromatic copolymer containing phosphonate groups and sulfonate groups. 2,764,561, 9-25-56, Cl. 260-2.2.
- McMaster, Elmer L., and W. K. Glesner, to The Dow Chemical Co. Cation exchange resins containing phosphonate and sulfonate groups. 2,764,563, 9-25-56, Cl. 260-2.2.
- McMaster, Elmer L., and W. K. Glesner, to The Dow Chemical Co. Resinous reaction products of phosphorus thiochloride and insoluble cross-linked vinyl aromatic copolymers. 2,764,564, 9-25-56, Cl. 260-2.2.
- McMaster, Harold A., and R. W. Wampler, to Libbey-Owens-Ford Glass Co. Apparatus for optical inspection of glass sheets. 2,735,331, 2-21-56, Cl. 88-14.
- McMaster, Robert C., and M. D. Phillips, to The Haloid Co. Radiation sensing device. 2,774,887, 12-18-56, Cl. 250-83.3.
- McMeans, Sidney A., 49% to R. P. Stimmel. Carpet-securing means. 2,733,475, 2-7-56, Cl. 16-16.
- McMenamin, Hugh R., IV: *See*—
- Hylton, Katherine M., and McMenamin. 2,728,920.
- McMichael, Charles E.: *See*—
- Miller, Bruce, De Haven, and McMichael. 2,743,915.
- McMillan, Brockway, to Bell Telephone Laboratories, Inc. Multiple-feedback systems. 2,748,201, 5-29-56, Cl. 17-171.
- McMillan, Carl W. Hinge and vent assembly for toilet bowls. 2,743,462, 5-1-56, Cl. 4-213.
- McMillan, Edward B., and D. F. Straubel. Method of generating jet power through sulfide reaction. 2,744,380, 2-7-56, Cl. 68-1.
- McMillan, Fred L., Jr., to Phillips Petroleum Co. Coupling circuit. 2,742,605, 4-17-56, Cl. 324-1.
- McMillan, Hugh P. Roller applicator. 2,758,364, 8-14-56, Cl. 29-116.
- McMillan, James A.: *See*—
- Dittmore, Ray H., Richter, Shadd, McMillan, and Trickle. 2,768,105.
- Dittmore, Ray H., Richter, Shadd, McMillan, and Trickle. 2,768,105.
- McMillan, John L., to B. E. Hayes. Track lining scope. 2,763,931, 9-25-56, Cl. 33-80.
- McMillan, John L., to B. E. Hayes. Track surfacing scope. 2,763,932, 9-25-56, Cl. 33-80.
- McMillan, John L., to B. E. Hayes. Adjustable door hinge. 2,744,284, 5-8-56, Cl. 16-131.
- McMillan, Stephen L., and M. S. Williams, to General Electric Co. Centrifugal force responsive clutch for a clothes washing machine. 2,733,796, 2-7-56, Cl. 192-105.
- McMinn, F. P. F. Paper Publishing Co.: *See*—
- Richthamer, Frank P. 2,736,976.
- McMorris, Robert M. Dental articulator. 2,765,533, 10-9-56, Cl. 32-32.
- McMullen, Cletus C., to Beaumont Birch Co. Skip bucket loader apparatus. 2,737,308, 9-25-56, Cl. 214-623.
- McMullen, James F. Paper clips or fasteners. 2,768,416, 10-30-56, Cl. 24-66.
- McMullen, John, 1/2 each to J. F. and V. J. McMullen. Coupler support. 2,754,979, 7-17-56, Cl. 213-61.
- McMullen, John: *See*—
- McMullen, John. 2,754,979.
- McMullen, Vincent J.: *See*—
- McMullen, John. 2,754,979.
- McMullen, Wesley V., to General Motors Corp. Air cleaner and silencer assembly. 2,764,142, 9-25-56, Cl. 123-119.
- McMullen, William A. Staple machine for joining insulated electrical conductors. 2,752,596, 7-3-56, Cl. 1-49.
- McMurray, George F. Drapery or curtain mounting. 2,747,213, 5-29-56, Cl. 16-49.
- McMurray, Paul H., to Delphi Products Co., Inc. Auxiliary demountable wheels for moving vehicle at right angles to movement by permanent wheels. 2,736,567, 2-28-56, Cl. 290-34.
- McMurry, Everett D.: *See*—
- Garrett, Henry U., Peters, and McMurry. 2,761,465.
- McMurtrie, Robert H. Back plate with end dogs for log-ripping saw. 2,741,278, 4-10-56, Cl. 143-117.
- McMurry, D. L.: *See*—
- Brakage, William F. 2,768,730.
- McNabb, John W., 1/2 to American Can Co., and 1/2 to Kiemle & Co. Tall oil esterified with mixture of epoxy resin and polyhydric alcohol used as ink vehicle. 2,754,277, 7-10-56, Cl. 260-18.
- McNabb, William L., to Westinghouse Air Brake Co. Superimposed coded signaling systems. 2,732,490, 1-24-56, Cl. 246-34.
- McNabb, Willis W. Non-spinning lure. 2,748,523, 6-5-56, Cl. 43-42.5.
- McNairy, James D., Jr.: *See*—
- Mason, Donald E. 2,733,203.
- McNally, James A. Pneumatic mounting system. 2,770,433, 11-13-56, Cl. 248-22.
- McNally, James A. Pneumatic mounting system. 2,770,434, 11-13-56, Cl. 248-22.
- McNally Pittsburgh Mfg. Corp., The: *See*—
- Pate, Robert L. 2,759,362.
- McNamara, Joseph E. Corrugated carton handle forming machine. 2,774,424, 12-18-56, Cl. 164-43.
- McNamara, Leo C. Process of renovating used journal box waste. 2,749,209, 6-5-56, Cl. 8-141.
- McNamara, Martin W., 1/2 to M. W. McNamara, Jr. Dumping hopper for lawn mowers and the like. 2,770,088, 11-13-56, Cl. 56-200.



- McNamara, Martin W., Jr.: *See—*  
McNamara, Martin W. 2,770,088.
- McNamee, Wallace J., and H. E. Adelt, to George Gorton Machine Co. Turret locking device. 2,749,595, 6-12-56, Cl. 20-1.
- McNaney, Joseph T., to General Dynamics Corp. Cathode ray apparatus. 2,730,708, 1-10-56, Cl. 340-324.
- McNaney, Joseph T., to General Dynamics Corp. Cathode ray apparatus. 2,735,956, 2-21-56, Cl. 315-24.
- McNaney, Joseph T., to General Dynamics Corp. Printer. 2,736,770, 2-23-56, Cl. 178-15.
- McNaney, Joseph T., to General Dynamics Corp. Cathode ray apparatus. 2,761,988, 9-4-56, Cl. 313-69.
- McNary, Billy D.: *See—*  
Bryant, John H., and McNary. 2,771,565.
- McNary, Forrest P., Apparatus for gaging. 2,749,505, 6-5-56, Cl. 324-34.
- McNatt, James M. Well drilling bit. 2,738,165, 3-13-56, Cl. 255-61.
- McNaughtan, Thomas J., to Hooker Electrochemical Co. Lubricants containing polymers of cyclopentadiene. 2,734,031, 2-7-56, Cl. 252-49.6.
- McNaughton, Don A.: *See—*  
Ashe, Neil W., Huskey, McNaughton, and Bassett. 2,744,669.
- McNaughton, Roy A., to Sylvania Electric Products Inc. Signal test set for electron discharge devices. 2,738,459, 3-13-56, Cl. 324-20.
- McNeice, James C.: *See—*  
Chambers, John M., and McNeice. 2,743,934.
- Chambers, John M., and McNeice. 2,765,627.
- Chambers, John M., and McNeice. 2,775,179.
- McNeice, James C., to Massey-Harris-Ferguson (Sales) Ltd. Earth moving attachment for tractors. 2,774,154, 12-18-56, Cl. 37-126.
- McNeil, Ralph C. Blow-down separator. 2,762,451, 9-11-56, Cl. 183-85.
- McNeil Laboratories, Inc.: *See—*  
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- McNeil Machine and Engineering Co., The: *See—*  
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- Rotter, Lutwin C. 2,771,898.
- Soderquist, Leslie E. 2,774,990.
- McNeill, Robert S.: *See—*  
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- McNeill, Albert G., to Bachmann Brothers Inc. Auxiliary spectacles. 2,758,506, 8-14-56, Cl. 88-41.
- McNeill, Eric, and R. I. Boyle, to The British Petroleum Co. Ltd. Sweetening of hydrocarbon oils with raw clay followed by copper sweetening. 2,759,875, 8-21-56, Cl. 196-29.
- McNeill, Francis R.: *See—*  
Abel, Frederick, and McNeill. 2,775,087.
- McNeill, Robert C.: *See—*  
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- McNeilly, Joseph A.: *See—*  
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- McNicoll, David, to British Timken Ltd. Roller bearings and cages thereof. 2,734,786, 2-14-56, Cl. 308-214.
- McNiff, William J.: *See—*  
Kibler, Frederick W., and McNiff. 2,768,468.
- Kibler, Frederick W., and McNiff. 2,774,049.
- McNish, Alvin G.: *See—*  
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- Spencer, Nye S., McNish, and Gingerich. 2,738,591.
- McNulty, John G.: *See—*  
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- McNutt, Clarence R. Universal tilt table for calibrating instruments. 2,761,306, 9-4-56, Cl. 73-1.
- McNutt, Robert D., and E. J. Garvey, to International Business Machines Corp. Multiple pluggable unit. 2,754,454, 7-10-56, Cl. 31-101.
- McOrly, Joseph, to Edwin L. Wiegand Co. Electric heating units. 2,748,248, 5-29-56, Cl. 219-37.
- McPhail, Robert G.: *See—*  
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- McPhail, Robert G., to Holophane Co., Inc. Direct lighting fixtures. 2,737,877, 3-8-56, Cl. 240-51.1.
- McPhail, Silas F. Grain saving devices. 2,742,044, 4-17-56, Cl. 130-27.
- McPhail, William A.: *See—*  
Levy, Joseph P. 2,745,089.
- McPherson Engineering Co. of Canada Ltd., The: *See—*  
McLaughlin, George H., and Robinson. 2,746,009.
- McPhee, Angus S.,  $\frac{1}{2}$  to D. S. McPhee and  $\frac{1}{2}$  to L. W. Sillifant. Means for and method of applying a filling matrix to a tooth. 2,769,238, 11-6-56, Cl. 32-63.
- McPhee, Duncan S.: *See—*  
McPhee, Angus S. 2,769,238.
- McPhee, Kenneth H.: *See—*  
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- McPherson, Carl W., 49% to S. P. Scholl. Fuel generator for internal combustion engines. 2,742,886, 4-24-56, Cl. 123-133.
- McPherson, George, Jr., to Drilling Research, Inc. Frequency control systems for vibratory transducer. 2,745,998, 5-15-56, Cl. 318-118.
- McQuarrie, John G.: *See—*  
Eckert, Herman K., and McQuarrie. 2,757,797.
- McQueen, George R., to The Dow Chemical Co. Method and composition for the control of the growth of vegetation. 2,763,539, 9-18-56, Cl. 71-2.3.
- McQueen, James H., to Hall-Neal Furnace Co. Furnace radiator mounting. 2,737,174, 3-6-56, Cl. 126-118.
- McRae, Fred W. Quick-opening and quick-closing valve. 2,744,719, 5-8-56, Cl. 251-62.
- McRae, George E., to Waterman Steamship Corp. Hatch and sliding cover construction. 2,737,919, 3-13-56, Cl. 114-202.
- McRae, Lawrence T. Clock system. 2,734,336, 2-14-56, Cl. 58-24.
- McRae, Wayne A.: *See—*  
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- Juda, Walter, and McRae. 2,767,135.
- Juda, Walter, and McRae. 2,770,776.
- McReynolds, Leo A.: *See—*  
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- McRoberts, Irven W.: *See—*  
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- McShan, Clarence H.: *See—*  
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- McShan, Robert L. and C. H. Power assisted action mechanisms for keyboard operated instruments. 2,737,841, 3-13-56, Cl. 84-244.
- McShane, Herbert F., Jr., and W. W. Gilbert, to E. I. du Pont de Nemours & Co. Hydrogenation of maleic anhydride. 2,772,291, 11-27-56, Cl. 260-343.6.
- McShane, Herbert F., Jr., and R. B. Ramsey, Jr., to E. I. du Pont de Nemours & Co. Hydrogenation of maleic anhydride. 2,772,292, 11-27-56, Cl. 260-343.6.
- McSheehy, Justin J., and W. A. Raimond, to American Cyanamid Co. Preparation of dihydro derivatives of chlorinated anthraquinoneazines. 2,742,471, 4-17-56, Cl. 260-265.
- McSkimin, Herbert J.: *See—*  
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- McVay, Raymon. Fish lure. 2,742,729, 4-24-56, Cl. 43-42.48.
- McVay, Ronald R.: *See—*  
Gartrell, Robert D., Meyer, and McVay. 2,733,987.
- McVey, John R., to Kennametal Inc. Composite turbine disc. 2,757,901, 8-7-56, Cl. 253-77.
- McVey, George W. Extinguisher for cigarettes, matches, and the like. 2,760,498, 8-28-56, Cl. 131-256.
- McVinney, John P., to Coro, Inc. Jewelry clasp. 2,743,498, 5-1-56, Cl. 24-252.
- McVittie & Price Ltd.: *See—*  
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- McVittie, Alice E.: *See—*  
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- McVittie, William, deceased: A. E. McVittie, executrix of said W. McVittie, assor., to A. B. MacVittie and R. L. MacVittie. Rotary fluid motor or pump. 2,766,702, 10-16-56, Cl. 103-159.
- McWethy, Irvin E., to Admiral Corp. Hinge. 2,745,133, 5-15-56, Cl. 16-150.
- McWethy, Irvin E., to Admiral Corp. Power transmission mechanism. 2,753,731, 7-10-56, Cl. 74-443.
- McWhorter, Henry L., to The Goss Printing Press Co. Tension control system for printing press. 2,743,880, 5-1-56, Cl. 242-75.
- McWhorter, Henry L., to The Goss Printing Press Co. Web tension control. 2,743,881, 5-1-56, Cl. 242-75.
- McWhorter, Henry L., to The Goss Printing Press Co. Ink roller arrangement. 2,763,207, 9-18-56, Cl. 101-348.
- McWilliams, Charles W., and C. A. Nicita, to Bendix Aviation Corp. Maximum deflection limiter for the control surfaces of a mobile vehicle. 2,765,435, 10-2-56, Cl. 318-489.
- McWilliams, James B.: *See—*  
Hursch, Samuel R., and McWilliams. 2,734,463.
- McWorkman, Holt. Sucker rod box cleaners. 2,745,416, 5-15-56, Cl. 134-47.
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- Shepherdson, William L. 2,755,846.
- Shepherdson, William L. 2,774,413.
- Meacham, Larned A., to Bell Telephone Laboratories, Inc. Pulse transmission system and regenerative repeater therefor. 2,759,047, 8-14-56, Cl. 178-43.5.
- Meacham, Larned A., to Bell Telephone Laboratories, Inc. Subscriber telephone circuit. 2,762,867, 9-11-56, Cl. 179-81.
- Mead Corp., The: *See—*  
Ziegenbusch, Carl W. 2,732,949.
- Mead, Donald F.: *See—*  
Sackett, James J., Mead, and Miller. 2,748,025.
- Mead, Edward O., to Cutler-Hammer, Inc. Electrical controllers. 2,737,548, 3-6-56, Cl. 200-18.
- Mead, George E.,  $\frac{1}{2}$  to P. Arant. Spreader device for fishing tackle. 2,763,955, 9-25-56, Cl. 43-42.74.
- Mead, Harold B. Variable pitch hydraulic screw pump. 2,754,764, 7-17-56, Cl. 103-37.
- Mead, Harry A. Automatic bag-making machine. 2,762,271, 9-11-56, Cl. 93-18.
- Mead, Howard C., to General Motors Corp. Plastic shield for flush-mounted headlamp. 2,770,714, 11-13-56, Cl. 240-13.
- Mead, Johnson & Co.: *See—*  
Grunwald, Frederick A. 2,764,613.
- Mead, Theodore E., to LifeGuard Sign Corp. Seat and leg rest. 2,735,480, 2-21-56, Cl. 155-182.
- Mead Specialties Co., Inc.: *See—*  
Lieser, Mathias J. 2,768,610.
- Mead, Theodore E. Travel cooker. 2,740,880, 4-3-56, Cl. 219-37.
- Mead, Theodore E. Snow thrower. 2,769,255, 11-6-56, Cl. 37-43.

- Mead, William H.: *See*—  
Finn, John S. 2,744,792.
- Mead, William H., A. A. Zambruno, and A. L. Jett, to W. H. Mead. Instant stop and start blasting device. 2,770,924, 11-20-56, Cl. 51-8.
- Meade, Edwin M.: *See*—  
Koeber, Adolf, and Meade. 2,742,464.
- Meade, Leonard P., to Phillips Petroleum Co. Apparatus and method for controlling temperatures of hot gas lift for pebbles. 2,745,656, 5-15-56, Cl. 263-19.
- Meade, Richard S.: *See*—  
Rice, Charles W., and Meade. 2,757,726.
- Meaden, Raymond V.: *See*—  
Steeves, Walter D., and Meaden. 2,772,895.
- Meador, Arthur, and O. Albrecht, to Ciba Ltd. Preparation for treating textile fibers and yarns. 2,740,759, 4-3-56, 252-8.7.
- Meador, Campling W. Reciprocating pumps. 2,756,679, 7-31-56, Cl. 103-48.
- Meador, Howard W., and V. W. Pedone. Bottle closure. 2,742,171, 4-17-56, Cl. 215-42.
- Meadowcroft, Norman.: *See*—  
Hagopian, Jacob J., and Meadowcroft. 2,774,864.
- Meadows, Clifford A. Artificial ice rink. 2,769,315, 11-6-56, Cl. 62-12.
- Meadows, Earl R.: *See*—  
Legard, Robert H., Jr., and Meadows. 2,735,257.
- Meadows, Ernest D., to Meadows Mfg. Co. Caster. 2,742,663, 4-24-56, Cl. 16-40.
- Meadows, Geoffrey W., to E. I. du Pont de Nemours and Co. Process for conditioning soil with polysaccharide xanthates. 2,761,247, 9-5-56, Cl. 47-38.
- Meadows, James J.: *See*—  
Hice, Jaxon O., and Meadows. 2,740,721.
- Meadows, James L., W. P. Ballard, and W. B. Chandler, to The Texaco Co. Dethiolizing hydrocarbons. 2,731,392, 1-17-56, Cl. 196-32.
- Meadows Mfg. Co.: *See*—  
Meadows, Ernest D. 2,742,663.
- Meadows, Stanley G., L. Hallas, and E. Searles, to Southern United Telephone Cables Ltd. Automatic measuring and printing apparatus. 2,769,958, 11-6-56, Cl. 324-73.
- Meagher, George.: *See*—  
Meagher, Walter D., and G. 2,763,234.
- Meagher, Walter D., and G. Coating or enrobing machines. 2,763,234, 9-10-56, Cl. 18-16.
- Meeker, Archibald G. Collapsible house trailer. 2,732,251, 1-24-56, Cl. 296-23.
- Meaker Co., The.: *See*—  
Finston, Victor. 2,738,321.
- Meakin, Edgar N. Pellet mill die. 2,759,219, 8-21-56, Cl. 18-12.
- Meakin, Edgar N. Kibbling apparatus. 2,764,952, 10-2-56, Cl. 107-14.
- Mealey, David W. Animal exterminating device. 2,729,017, 1-3-56, Cl. 43-84.
- Mealpack Corp.: *See*—  
Clarke, Houghton W. 2,739,003.  
Clarke, Houghton W. 2,750,064.  
Clarke, Houghton W. 2,767,109.
- Meador, Doyle W., and G. G. Havens, to Narmco, Inc. Apparatus for manufacturing rods, tubes, and the like. 2,737,993, 3-13-56, Cl. 154-1.8.
- Meador, Doyle W., and G. G. Havens, to Narmco, Inc. Machine for forming structural material. 2,769,481, 11-6-56, Cl. 154-1.8.
- Means, Leland G. Device for controlling flow through a vessel in a human member. 2,756,753, 7-31-56, Cl. 128-346.
- Means, Norman E. L. Anti-splash unit for cooking pans. 2,744,519, 5-8-56, Cl. 128-209.
- Means, Norman E. L. Simulated natural insect fishing lure and method of making. 2,754,612, 7-17-56, Cl. 43-42.25.
- Mears, Edward L., and C. B. Moore, to W. R. Grace & Co. Plate separator for storage batteries. 2,734,095, 2-7-56, Cl. 136-143.
- Mears, Merton D.: *See*—  
Cooke, Alfred A., and Mears. 2,737,879.
- Mears, Norman B., to Buckbee-Mears Co. Machine for developing photoformed coatings on metal webs. 2,751,829, 6-26-56, Cl. 95-94.
- Mears, Norman B., to Buckbee-Mears Co. Method and apparatus for producing perforated metal webs. 2,762,149, 9-11-56, Cl. 41-3.
- Mears, Robert B., to United States Steel Corp. Duplex metal article. 2,764,805, 10-2-56, Cl. 29-196.1.
- Mease, William O. Door stop and sign combined. 2,756,527, 7-31-56, Cl. 40-125.
- Measurements Corp.: *See*—  
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- Meat Separator Corp.: *See*—  
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Geisler, Harold F. 2,734,540.  
Geisler, Harold F., and Thompson. 2,761,479.
- Mecatex S. A.: *See*—  
Bouffort, Victor A. 2,758,660.
- Mecca, Sebastian B., to Schuyllkill Chemical Co. Aluminum salts of allantoin and their preparation and compositions comprising the same. 2,761,867, 9-4-56, Cl. 260-299.
- Mecco, Jerry M., and J. W. Creely, to American Cynamid Co. Dyeing of polyesters with vat dyes. 2,774,647, 12-18-56, Cl. 8-34.
- Mecco, Jerry M., and J. W. Creely, to American Cynamid Co. Dyeing of polyacrylonitrile with vat dyes. 2,774,648, 12-18-56, Cl. 8-34.
- Mecco, Jerry M., and J. W. Creely, to American Cynamid Co. Dyeing of cellulose carboxylic acid esters with vat dyes. 2,774,649, 12-18-56, Cl. 8-35.
- Mec-Elec Engineering Co.: *See*—  
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- Mecha Finish Corp.: *See*—  
Sleeper, Murrell B. 2,749,669.
- Mechanical Handling Systems, Inc.: *See*—  
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Bishop, Leonard J. 2,755,805.  
Klamp, Paul, and Bishop. 2,762,092.  
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- Mechanical Industries, Inc.: *See*—  
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- Mechanical Patents, Inc.: *See*—  
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- Mechanical Research Co.: *See*—  
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- Mecklenburgh, George K., H. W. Peters, and S. Shaw, to British Nylon Spinners Ltd. Setting and stiffening fabrics. 2,734,001, 2-7-56, Cl. 117-66.
- Meckstroth, Carl R.: *See*—  
Flaws, John, Jr., Reynolds, and Meckstroth. 2,748,450.
- Mecon, William D., to American Brake Shoe Co. Cardanol-alkylene oxide reaction products cross-linked with dicarboxylic acids and cured with hexamethylenetetramine. 2,758,986, 8-14-56, Cl. 260-46.
- Medal, Richard J., to Rauland-Borg Corp. Line voltage regulator transformer system. 2,767,370, 10-16-56, Cl. 323-45.
- Medcalf, Donald S., to United States Steel Corp. Method and apparatus for marking metal strip. 2,741,585, 4-10-56, Cl. 204-28.
- Medall, William E., and R. K. Riel, to The Eagle-Picher Corp. Coated electronic device and method of making same. 2,759,855, 8-21-56, Cl. 117-227.
- Meddock, Alvin A., to Bendix Aviation Corp. Hydraulic selector valve with automatic hold and return. 2,757,641, 8-7-56, Cl. 121-41.
- Medaris, Paul A.: *See*—  
De Jarnett, Frank D. 2,773,605.
- Medenus, Bernhard, to Klöckner-Humboldt-Deutz Aktiengesellschaft. Air cooled two stroke cycle internal-combustion engine. 2,736,299, 2-28-56, Cl. 129-41.6.
- Medenus, Bernhard, to Klöckner-Humboldt-Deutz A. G. Blower for cooling an internal-combustion engine and scavenging or supercharging. 2,736,301, 2-28-56, Cl. 129-41.65.
- Medey, William A. Wall switch extension. 2,775,674, 12-25-56, Cl. 200-172.
- Medford, Hoyle D. Trailer house with telescoped elevator top portion. 2,749,174, 6-5-56, Cl. 296-27.
- Medical Equipment Laboratories.: *See*—  
Casady, Philip M. 2,754,935.
- Medical Fabrics Co., Inc.: *See*—  
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- Medicus, Gustav K. Electrostatic instruments with magnetic suspensions. 2,745,062, 5-8-56, Cl. 324-109.
- Mediglass A. G.: *See*—  
Hornisch, Egon J. 2,758,420.
- Med-I-Peds, Inc.: *See*—  
Starnesier, Marvin A. 2,740,207.
- Medi-Lewis, Inc., to Fox Products Co. Means for measuring the density of direct current. 2,749,509, 6-5-56, Cl. 324-59.
- Medlar, Lewis A., to Fox Products Co. Battery testing apparatus. 2,758,275, 8-7-56, Cl. 324-29.5.
- Medley, Harold C., to The Jeffrey Mfg. Co. Jigging apparatus. 2,743,816, 5-1-56, Cl. 209-45.5.
- Medley, Harold C., to The Jeffrey Mfg. Co. Apparatus for reducing material in bar form. 2,763,438, 9-18-56, Cl. 234-14.
- Medley, Kenneth J. Personal weapon carrier. 2,758,762, 8-14-56, Cl. 224-2.
- Mednick, Morton L.: *See*—  
Levy, Harold, and Mednick. 2,762,818.
- Mednick, Harold, and Mednick. 2,759,198, 8-21-56, Cl. 5-55.
- Mednick, Tillie. Method of making chair covers. 2,748,839, 6-5-56, Cl. 155-182.
- Medved, David B., to Philco Corp. Scotaphor and method of making same. 2,761,846, 9-4-56, Cl. 252-301.4.
- Medvedeff, Nicholas J. Convertiplane. 2,733,146, 3-13-56, Cl. 244-6.
- Meece, William E.: *See*—  
Nadler, Martin L., and Meece. 2,751,416.
- Meech, Ralph E., and W. C. Smith, to Telon, Inc. Slider for slide fasteners. 2,764,794, 10-2-56, Cl. 24-205.15.
- Meehanite Metal Corp.: *See*—  
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- Meek, George W., to Airkem, Inc. Diffuser device and adjustable control means therefor. 2,738,225, 3-13-56, Cl. 299-24.
- Meek, George W., to Airkem, Inc. Diffuser devices and means for adjustably supporting the same. 2,763,394, 9-18-56, Cl. 220-8.
- Meek, George W., to Airkem, Inc. Diffuser devices. 2,763,395, 9-18-56, Cl. 220-8.
- Meek, Walter N., Jr.: *See*—  
Green, Walter P., Jr., and Meek. 2,766,139.
- Meeker, David A.: *See*—  
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- Meeker, Kenneth H.: *See—*  
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- Meeker, Lloyd. Hydraulic pump and valve unit. 2,732,803, 1-31-56, Cl. 103-3.
- Meeker, Paul C., to National Super Service Co. Inc. Air filtering cleaners. 2,734,594, 2-14-56, Cl. 183-37.
- Meekin, James: *See—*  
Wallace, Earl C., and Meekin. 2,764,993.
- Meeks, Cornelius R. Replacement points for excavating bucket teeth. 2,738,602, 3-20-56, Cl. 37-142.
- Meeks, James W., and T. F. Banigan, Jr., to United States of America as represented by the Secretary of Agriculture. Isolation of fatty acids from guayule resin. 2,744,125, 5-1-56, Cl. 260-413.
- Meer, Karl, to Firma Kienzle Apparate G. m. b. H. Graphical recording device. 2,739,031, 3-20-56, Cl. 346-121.
- Meier, Karl, to Kienzle Apparate G. m. b. H. Recording devices for traffic. 2,743,987, 5-1-56, Cl. 346-64.
- Meerman, Pieter G.: *See—*  
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- Meester, Harm. Vacuum release stopper. 2,753,069, 7-3-56, Cl. 215-77.
- Meewes, Edward A., to Chain Belt Co. Tandem axle bogie for automotive vehicles. 2,775,466, 12-25-56, Cl. 280-104.5.
- Mefina, S. A.: *See—*  
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- Kuhn, Georges. 2,750,889.
- Mesator Pumps & Compressors Ltd.: *See—*  
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- Mege, Paul A. Device for closing ship's hatchways. 2,753,828, 7-10-56, Cl. 114-202.
- Mégel, Guillaume E., and H. Mancía, to U. Tornos. Cage for centrifugation running elements. 2,755,149, 7-17-56, Cl. 308-216.
- Megill, Henry B., to Chromium Mining & Smelting Corp., Ltd. Process of making a ferroalloying material and product obtained thereby. 2,763,918, 9-25-56, Cl. 29-182.5.
- Meguerian, Garbis H.: *See—*  
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- Kalinowski, Mathew L., and Meguerian. 2,773,010.
- Meguerian, Garbis H., to Standard Oil Co. Oxidation of mercaptans with an alkali metal salt of selenium catalyst and oxygen. 2,740,748, 4-3-56, Cl. 196-29.
- Meguerian, Garbis H., to Standard Oil Co. Stabilized cracked petroleum fractions. 2,771,348, 11-20-56, Cl. 44-72.
- Meguerian, Garbis H., and W. E. Stanley, Jr., to Standard Oil Co. Regeneration of aqueous caustic-mercaptide solutions with oxygen and a liquid hydrocarbon. 2,740,749, 4-3-56, Cl. 196-32.
- Mehaffey, Robert J., to Colgate-Palmolive Co. Hair grooming preparation. 2,771,394, 11-20-56, Cl. 167-87.
- Mehaffey, Robert J., to Colgate-Palmolive Co. Aqueous alcoholic hair grooming preparation employing sodium carboxymethyl cellulose. 2,771,395, 11-20-56, Cl. 167-87.
- Mehl, Ross M.: *See—*  
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- Mehlbeier, Heinrich: *See—*  
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- Mehler, Alan: *See—*  
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- Mehl, Arthur, to International Standard Electric Corp. Circuit arrangement for all-relay selecting equipment. 2,744,161, 5-1-56, Cl. 179-18.
- Mehrtretter, Charles L., to the United States of America as represented by the Secretary of Agriculture. Electrolytic production of alkali salts of iodine acid. 2,770,889, 11-13-56, Cl. 204-95.
- Mehrtretter, Charles L., and F. B. Weakley, to the United States of America as represented by the Secretary of Agriculture. Extraction and recovery of alkaloids. 2,740,787, 4-3-56, Cl. 260-285.
- Mehlum, Jorunn: *See—*  
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- Mehr, Robert S.: *See—*  
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- Meibuh, George C., to Thompson Products, Inc. Spindle and collet assembly. 2,736,590, 2-28-56, Cl. 270-46.
- Meidenbauer, Phillip E., Jr., to Firewel Industries. Apparatus for supplying gas for respiration. 2,766,752, 10-16-56, Cl. 128-142.
- Meidinger, Edwin. Twin pump system for elevating and/or leveling a two-wheel supported implement chassis. 2,751,231, 6-19-56, Cl. 280-6.
- Meier, Axel W. Anti-friction devices for leaf springs. 2,756,047, 7-24-56, Cl. 267-49.
- Meier, Johann H., to Bucyrus-Erie Co. Pilot controls for pneumatic cable-tool drills. 2,742,267, 4-17-56, Cl. 175-10.
- Meier, John W., to E. I. du Pont de Nemours and Co. Sizing of vinylidene chloride copolymer surfaces. 2,748,027, 5-29-56, Cl. 117-76.
- Meier, Joseph D.: *See—*  
Hilts, William T., and Meier. 2,749,004.
- Meier, Nicholas F., to Hartford National Bank and Trust Co., trustee. Method for breaking-up an annular core of ferro-magnetic material. 2,730,471, 1-10-56, Cl. 148-9.
- Meier, Robert C., Jr. Automatically releasable ski binding. 2,745,672, 5-15-56, Cl. 280-11.35.
- Meier, Robert J. Saw table. 2,767,458, 10-23-56, Cl. 29-67.
- Meier, Ward M., and B. M. Lide, to Westinghouse Electric Co. Electric detecting and indicating system. 2,773,255, 12-4-56, Cl. 343-118.
- Meier, Wilber L., to Gera Corp. Electrostatic generator. 2,739,248, 3-20-56, Cl. 310-6.
- Meier, Wilber L., to Gera Corp. Variable high resistor. 2,742,594, 4-17-56, Cl. 315-337.
- Melcherhof, Hugo, to Zellweger A. G. Apparatus and Maschinenfabrik Uster. Device for arranging wire heddles on rods in warp drawing machines. 2,746,119, 5-22-56, Cl. 28-46.
- Meljer, Barend M., to Hartford National Bank and Trust Co. Capacitor motor. 2,735,056, 2-14-56, Cl. 318-220.
- Meljer, Barend M., to Hartford National Bank and Trust Co., as trustee. Stator for single-phase induction motor. 2,741,715, 4-10-56, Cl. 310-172.
- Meijer, Roelf J., and A. Peters, to Hartford National Bank and Trust Co. as trustee. Hot-gas reciprocating apparatus. 2,762,668, 9-11-56, Cl. 309-23.
- Melle, Carl H., to International Harvester Co. Sectional crankshaft. 2,735,314, 2-21-56, Cl. 74-598.
- Melle, Carl H., to International Harvester Co. Connecting rod. 2,738,687, 3-20-56, Cl. 74-379.
- Melle, Carl H., to International Harvester Co. Chip detecting drain plug. 2,754,380, 7-10-56, Cl. 200-61.09.
- Melle, Carl H., to International Harvester Co. Valve tappet assembly. 2,756,733, 7-31-56, Cl. 123-90.
- Mellink Steel Safe Co.: *See—*  
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- McClellan, Ralph E. 2,750,902.
- Mellstrup, Ernest E., to Western Electric Co., Inc. Vernier gauge for measuring templates used on potentiometer cards. 2,748,489, 6-5-56, Cl. 33-174.
- Mellstrup, Emil B., to Western Electric Co., Inc. Terminal setting machine. 2,768,763, 10-30-56, Cl. 218-2.
- Melnicke, Edward, to Union Carbide and Carbon Corp. Nozzle electrolyte regulator. 2,753,887, 7-10-56, Cl. 137-505.25.
- Meinen, Frank J. Electric fences. 2,756,969, 7-31-56, Cl. 256-10.
- Meiners, Edwin P., Jr., to California Research Corp. Removing normal movement from seismic traces. 2,765,455, 10-2-56, Cl. 340-15.
- Meinert, Norbert: *See—*  
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- Meinig, Friedrich. Balance. 2,732,199, 1-24-56, Cl. 265-54.
- Meinke, Paul. Method for superimposing webs of cloth and the like. 2,768,824, 10-30-56, Cl. 270-30.
- Meinzer, Gotthold H.: *See—*  
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- Meis, Helmut, and H. Sauer, to Rutgerswerke-Aktiengesellschaft. Aromatic vinyl compound-acenaphthene compound co-polymer and process of producing the same. 2,768,147, 11-20-56, Cl. 260-25.
- Meis, Helmut, W. Scheib, and K.-H. Decker, to Rutgerswerke-Aktiengesellschaft. Aminoplast resins and aminoplast resin compositions stabilized with oxirane compounds and process of preparing same. 2,769,798, 11-6-56, Cl. 260-45.8.
- Meis, Josef: *See—*  
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- Meisel, George M.: *See—*  
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- Meisel, Seymour L.: *See—*  
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- Meisinger, Richard J., and J. T. Dempsey, to United States Rubber Co. Lawn sprinkler hose. 2,730,404, 1-10-56, Cl. 299-104.
- Meisler, Sidney S. Pivoted hand tool for compressing clips around flanges. 2,735,322, 2-21-56, Cl. 81-15.
- Meissler, Ludwig, to G. M. Pfaff A.-G. Sewing machine attachment. 2,742,006, 4-17-56, Cl. 112-66.
- Meissner, Ernest R., Sr., and R. T. Meissner, Sr. Combined thread holder and cutter. 2,752,872, 7-3-56, Cl. 112-252.
- Meissner, Fritz, and E. Schwiedessen, to J. Meissner. Manufacture of hexamethylenetetramine. 2,762,799, 9-11-56, Cl. 260-248.6.
- Meissner, Fritz, and E. Schwiedessen, to J. Meissner. Manufacture of hexamethylenetetramine. 2,762,800, 9-11-56, Cl. 260-248.6.
- Meissner, John F. Bed blending system. 2,750,023, 6-12-56, Cl. 198-36.
- Meissner, Josef: *See—*  
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- Meissner, Fritz, and Schwiedessen. 2,762,800.
- Meissner, Milton F., to Olin Mathieson Chemical Corp. Composite sheet metal article and method of manufacture. 2,772,121, 11-27-56, Cl. 29-199.
- Melsner, Richard T., Sr.: *See—*  
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- Melsner, William E. Method and apparatus for forming reinforced tubing. 2,731,070, 1-17-56, Cl. 154-5.
- Meister, George: *See—*  
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- Meister, George, to Westinghouse Electric Corp. Phosphor coating composition. 2,744,072, 5-1-56, Cl. 252-301.3.
- Meister, George, to the United States of America as represented by the United States Atomic Energy Commission. Process of vacuum refining uranium. 2,756,138, 7-24-56, Cl. 75-84.1.
- Meister, George, to the United States of America as represented by the United States Atomic Energy Commission. Impregnated crucible. 2,766,032, 10-9-56, Cl. 263-48.
- Meister, George, to the United States of America as represented by the United States Atomic Energy Commission. Method of refining uranium. 2,766,110, 10-9-56, Cl. 75-84.1.

- Meister, George, to the United States of America as represented by the United States Atomic Energy Commission. Recovery of uranium by electrolysis of a fused bath. 2,747,729, 12-18-56, Cl. 204-64.
- Meister, Leo T. Armor piercing projectile. 2,741,180, 4-10-56, Cl. 102-52.
- Meister, Martin, and G. Mauthe, to Farbenfabriken Bayer Aktiengesellschaft. Process of tanning with salt of amphoteric condensation product. 2,733,977, 2-7-56, Cl. 8-94.24.
- Meitzen, Curt J. Corrugated board container with interlock flaps. 2,741,415, 4-10-56, Cl. 229-36.
- Meixner, Alfred, to Voigtlander A. G. Photographic camera objective attaching means. 2,732,776, 1-31-56, Cl. 95-39.
- Mejzur Corp. *See*—
- Levine, Louis M. 2,736,463.
- Mekalinas, Albert. Acceptor attachment for lawn mowers. 2,730,856, 1-17-56, Cl. 56-249.
- Mekelburg, Earl F., to Square D Co. Rheostat. 2,741,685, 4-10-56, Cl. 201-62.
- Mekelburg, Earl F., to Square D Co. Flexible electrical connector assembly. 2,741,753, 4-10-56, Cl. 339-276.
- Mekelburg, Earl F., to Square D Co. Accelerating master switch. 2,747,046, 5-22-56, Cl. 200-98.
- Mekelburg, Earl F., and C. B. Sohns, to Square D Co. Valve. 2,774,378, 12-18-56, Cl. 137-823.
- Melker, Lev A. Multi-coil heater. 2,752,897, 7-3-56, Cl. 122-262.
- Melamed, Sidney *See*—
- Bortnick, Newman M., and Melamed. 2,734,890.
- Moser, Vincent J., and Melamed. 2,771,862.
- Melamed, Sidney, to R. H. Pierce Mfg. Co. Unsaturated ureido ethers and polymers thereof. 2,734,891, 2-14-56, Cl. 260-77.5.
- Melamed, Sidney, to Rohm & Haas Co. Monomeric compounds comprising a plurality of vinyl groups. 2,774,750, 12-18-56, Cl. 260-78.
- Melass, Vivian H., to The Dow Chemical Co. Cyclohexyl-phenol-alkylene-oxide repellent and method. 2,759,867, 8-21-56, Cl. 167-80.
- Melcher, Daniel, and D. Hilowitz. Telemetric system. 2,731,625, 1-17-56, Cl. 340-203.
- Melcher, Glee J., to R. H. Pierce Mfg. Co. Tractor movable irrigation system. 2,741,509, 4-10-56, Cl. 299-47.
- Melcher, Larry J. *See*—
- Burget, Archie I. 2,749,783.
- Melcher, Robert J., to E. P. Tienius, G. L. Randolph, G. A. Goss, J. F. Jones, Jr., and J. F. Jones, Sr., a copartnership d. b. a. H. H. Bugzie and Co. Co-axial cable fitting. 2,755,331, 7-17-56, Cl. 174-87.
- Melcher, Robert J., to E. P. Tienius, G. L. Randolph, G. A. Goss, J. F. Jones, Jr., and J. F. Jones, Sr., a copartnership d. b. a. H. H. Bugzie and Co. Shielded cable connectors. 2,762,025, 9-4-56, Cl. 339-143.
- Melchert, Frank G., and E. McClean. Folding cattle guard. 2,744,725, 5-8-56, Cl. 256-14.
- Melchior, Frederick C. Altitude switch. 2,748,217, 5-29-56, Cl. 200-83.
- Melchior, Frederick C. Method of rolling capsules. 2,760,260, 8-25-56, Cl. 29-154.
- Melchor, Gibbo U. Grease gun nozzle. 2,744,659, 5-8-56, Cl. 222-125.
- Melchore, James A. *See*—
- Setro, Nicholas R., and Melchore. 2,757,166.
- Melchore, James A., to American Cyanamid Co. Process for the polymerization of styrene and acrylonitrile. 2,745,824, 5-15-56, Cl. 260-85.5.
- Melden, Morley G. *See*—
- Graves, Edward B., and Melden. 2,763,791.
- Melder, Hugo. Housing for power vehicles. 2,742,674, 4-24-56, Cl. 20-113.
- Meldrum, Edward C., and A. E. Roper, to The Monotype Corp. Ltd. Pump mechanism for type casting machines. 2,775,009, 12-25-56, Cl. 22-70.
- Meldrum, Hazel A. Corsage kit. 2,741,049, 4-10-56, Cl. 41-12.
- Mele, Edward V. Jewelry box drawer. 2,755,154, 7-17-56, Cl. 312-274.
- Mele, Joseph E., and J. De Angelis. Jewelry box and the like. 2,738,250, 3-13-56, Cl. 312-276.
- Meletto, James T. Mounts for electrical fixtures. 2,733,036, 1-31-56, Cl. 248-205.
- Meln, Veto. Guides for cutting hair. 2,766,761, 10-16-56, Cl. 132-45.
- Melgaard, Arnold W. Jig adjusting means for a hand tool type router. 2,752,961, 7-3-56, Cl. 144-136.
- Melges, Frederick J. *See*—
- Cooper, Calvin A. 2,746,525.
- Melichar, John A. *See*—
- Graves, Wayne H., and Melichar. 2,762,983.
- Melick, George R. *See*—
- Hall, William P. G., Melick, and Reynolds. 2,759,589.
- Melick, John M., to Bell Telephone Laboratories, Inc. Electromechanical translator. 2,774,963, 12-18-56, Cl. 340-365.
- Melin, John E., 1/2 to A. O'Hair. Portable automatically released dam. 2,732,686, 1-31-56, Cl. 61-29.
- Melkon, Onnig D. Switch for drive-in theatre speakers. 2,753,419, 7-3-56, Cl. 200-61.58.
- Mell-Hoffmann Mfg. Co. *See*—
- Lencioni, Julius J. 2,747,957.
- Mellen, Glenn L., to General Mills, Inc. Balloon altitude control. 2,742,246, 4-17-56, Cl. 244-94.
- Mellgren, Svante, to National Lead Co. Fused salt electrolytic cell for the production of refractory metals. 2,748,073, 5-29-56, Cl. 204-246.
- Mellicek, Charles, to Dearborn Chemical Co. Method for the preparation of nitrides of organic amines. 2,767,178, 10-16-56, Cl. 260-247.
- Mellman, Harry L. *See*—
- Shroyer, Ralph G. 2,774,567.
- Mellman, Myer W. *See*—
- Shroyer, Ralph G. 2,774,567.
- Mello-Cup Coffee Co., Inc. *See*—
- Rotman, Allen M. 2,748,689.
- Melloni, Alfonso *See*—
- Battarra, Arnoldo, Maveri, Melloni, and Frigeri. 2,773,740.
- Mellor, Fred C., to United Shoe Machinery Corp. Spray booths. 2,730,033, 1-10-56, Cl. 98-115.
- Mellor Bromley & Co. Ltd. *See*—
- Shortland, Arthur. 2,756,574.
- Shortland, Arthur. 2,775,107.
- Mellor, Harold J., to The Patent Button Co. of Tennessee, Inc. Appliance knob shaft connection. 2,741,501, 4-10-56, Cl. 287-35.
- Mellum, Elmer A. *See*—
- Anderson, Glendene H., and Mellum. 2,752,686.
- Mellwig, Bernhard J. *See*—
- Vogel, Max R., and Mellwig. 2,764,496.
- Melman, Arthur *See*—
- Von Knauf, Emil W., and Melman. 2,750,767.
- Melmoth, Robert H. *See*—
- Bogart, Harold N., and Melmoth. 2,751,292.
- Melnor Metal Products Co., Inc. *See*—
- Gladstone, Joseph. 2,760,754.
- Meloni, Mario, and E. Schubauer, to SODECO, Societe des Colorants, S.A. of Geneva. Impulse-forming contact pieces for calling dials for impulse distributors. 2,740,870, 4-3-56, Cl. 200-146.
- Meloy, Robert E. Basket handle. 2,756,089, 7-24-56, Cl. 21-31.
- Meloy, Thomas P., to Melpar, Inc. X-ray spectograph. 2,750,512, 6-12-56, Cl. 250-51.
- Melpar, Inc. *See*—
- Burke, Thomas F., Jr. 2,752,584.
- Meloy, Thomas P. 2,750,512.
- Melson, Walter A., to Bowden (Engineers) Ltd. Flexible hose coupling with anchored reinforcing layer. 2,741,496, 4-10-56, Cl. 285-84.
- Melson, Walter A., to Bowden (Engineers) Ltd. Method of making flexible hose couplings. 2,752,674, 7-3-56, Cl. 285-84.
- Melson, Walter A., to Bowden (Engineers) Ltd. Coupling for flexible plural layer hose. 2,753,196, 7-3-56, Cl. 285-49.
- Melton, Charles C. Movie film viewing apparatus. 2,748,650, 4-10-56, Cl. 88-18.
- Melton, Donald F., to the United States of America as represented by the Secretary of the Navy. Multiple balloon operation. 2,753,133, 7-3-56, Cl. 244-31.
- Melton, Donald F., to General Mills, Inc. Balloon with attached inflation tube. 2,764,369, 9-25-56, Cl. 244-31.
- Melton, Donald F., to General Mills, Inc. Balloon with strengthening elements. 2,767,940, 10-23-56, Cl. 244-31.
- Melton, James O. *See*—
- Harmon, Kenneth M., Diesen, and Melton. 2,731,747.
- Meltzer, Jack. Article of footwear provided with removable counter. 2,742,715, 4-24-56, Cl. 36-25.
- Meltzer, Jack. Covered heel unit and covering device therefor. 2,767,488, 10-23-56, Cl. 36-34.
- Meltzer, Jack. Shoe having covered insole body and nailed-on heel. 2,772,488, 12-4-56, Cl. 36-25.
- Meltzer, Robert J., to Bausch & Lomb Optical Co. Slit control mechanism for optical instruments or the like. 2,755,707, 7-24-56, Cl. 88-61.
- Melucci, Benedict F. *See*—
- Wooding, William M., Melucci, and Porter. 2,757,102.
- Melucci, Benedict F., to American Cyanamid Co. Separation of isomeric nitrophenates. 2,743,301, 4-24-56, Cl. 260-622.
- Melville, John B. Liquid dispenser with stirring means. 2,753,937, 5-1-56, Cl. 259-108.
- Melville, William S., to The British Thomson-Houston Co. Ltd. Electric amplifier. 2,750,454, 6-12-56, Cl. 179-171.
- Melville, William S., to The British Thomson-Houston Co. Ltd. Cooling means for laminated magnetic cores. 2,769,962, 11-6-56, Cl. 336-61.
- Melvin, Francis F. Rake handle socket attachment. 2,765,613, 10-9-56, Cl. 56-400.17.
- Melzer, Frederick A. Shock absorber. 2,730,201, 1-10-56, Cl. 188-97.
- Menard, James Z., to Bell Telephone Laboratories, Inc. Means for bulk demagnetization. 2,733,300, 1-31-56, Cl. 179-100.2.
- Menard, James Z., to Bell Telephone Laboratories, Inc. Magnetic recording medium. 2,734,033, 2-7-56, Cl. 252-62.5.
- Menasco Mfg. Co. *See*—
- Gerry, Julian E., and McMannus. 2,747,549.
- Mencacci, Samuel A. *See*—
- De Back, William, and Mencacci. 2,765,829.
- Mencacci, Samuel A., to Food Machinery and Chemical Corp. Bean snipper. 2,770,274, 11-13-56, Cl. 146-86.
- Mench, John W. *See*—
- Hiatt, Gordon D., Mench, and Emerson. 2,759,925.



- Mende, William C.: *See*—  
 Berliner, Victor R., Mende, and Singer. 2,752,284.  
 Kupferberg, Alfred B., Mende, Millman, and Singer. 2,735,798.
- Mendelsohn, Jerome W. Conveyor mechanism. 2,745,706, 5-15-56, Cl. 312—268.
- Mendelsohn, Henry L. Sanding belt block. 2,761,257, 9-4-56, Cl. 18-150.
- Mendenhall, Manuel L. Automobile ash tray having exhaust actuated evacuating structure. 2,764,281, 9-25-56, Cl. 206—19.5.
- Mendez, Alfredo. Portable cooling unit. 2,745,263, 5-15-56, Cl. 62—140.
- Mendez, Charles E. Dismantleable conveyor assembly for vehicles. 2,757,808, 8-7-56, Cl. 214—83.26.
- Mendolia, Arthur I., to E. I. du Pont de Nemours and Co. Salt recovery process. 2,738,981, 2-7-56, Cl. 23—25.
- Menezes, Gil H.,  $\frac{1}{2}$  to D. Stiliwagen,  $\frac{1}{2}$  to J. Chinman, and  $\frac{1}{2}$  to C. A. Hewlett. Safety device for electrical receptacles. 2,744,243, 5-1-56, Cl. 339—36.
- Meneo, Pasquale, to The Beaver Pond Machine Co. Guiding device for webs. 2,752,657, 7-3-56, Cl. 26—65.
- Meng, Eugene D.: *See*—  
 Pierson, Karl E., and Meng. 2,755,384.
- Menzel, Otto. To The Polaroid Co. Electrophotographic process. 2,745,327, 5-15-56, Cl. 95—1.3.
- Menge, Franz, to Dalsan, Inc. Orthopedic sock lining. 2,755,588, 7-24-56, Cl. 36—71.
- Menge, Theodore L., Sr.: *See*—  
 Laster, Edward C., Sr., and Menge. 2,733,103.
- Mengelkamp, Richard A., and L. B. Grantham, to Phillips Petroleum Co. Dual-fuel engines and processes of operating same. 2,767,691, 10-23-56, Cl. 123—1.
- Menghi, Roberto: *See*—  
 Barassi, Carlo, and Menghi. 2,753,095.
- Menzies, Albert J., to Wolf Brothers, Inc. Carry bag. 2,758,782, 8-14-56, Cl. 229—54.
- Menin, Samuel D.: *See*—  
 Bonnett, Harold D. 2,742,911.
- Menke, John R.: *See*—  
 Donellan, Khatchik O., and Menke. 2,730,951.
- Menzies, Lester L. Combined razor blade cleaner, dryer and sharpener. 2,764,854, 10-2-56, Cl. 51—198.
- Menkin, Benjamin D.: *See*—  
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- Menkin, Benjamin D., and S. M. Schorr. Tote box. 2,774,511, 12-18-56, Cl. 220—97.
- Menon, Henry V. Automatic wind mill stop. 2,729,166, 1-3-56, Cl. 103—31.
- Mennecier, Aline: *See*—  
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- Mennecier, Maurice: *See*—  
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- Mennerich, Fred A., to Owens-Corning Fiberglas Corp. Coating device for strands. 2,744,563, 5-8-56, Cl. 154—1.7.
- Mennissier, Andre: *See*—  
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- Mennesson, Andre L., to Societe Solex. Carburetor devices, including an auxiliary starting carburetor. 2,754,094, 7-10-56, Cl. 261—41.
- Mennesson, Andre L., to Societe d'Appareils de Controle et d'Equiptement des Moteurs S. A. C. E. M. Fluid conduction rate indicators. 2,767,912, 10-23-56, Cl. 235—61.
- Mennesson, Marcel, to Societe Anonyme pour la Construction de Materiel Automobile (S. A. C. M. A.). Measurement apparatus for checking up the inside of hollow pieces. 2,751,778, 6-26-56, Cl. 73—37.9.
- Mennesson, Marcel, to Societe d'Appareils de Controle et d'Equiptement des Moteurs (S. A. C. E. M.). Mounting of bicycle front wheel and auxiliary drive engine therefor. 2,751,991, 6-26-56, Cl. 180—31.
- Mennesson, Marcel L., to Societe d'Appareils de Controle et d'Equiptement des Moteurs S. A. C. E. M. Footrests for pedal cycles fitted with an auxiliary engine. 2,768,005, 10-23-56, Cl. 260—29.
- Menning, Ralph H., and R. T. Manley, to The Vendo Co. Vending machine having multiple bottle conveyor system. 2,772,022, 11-27-56, Cl. 221—85.
- Menohor, Pearson T. Method of detecting defects in glass containers. 2,764,015, 9-25-56, Cl. 73—15.
- Mensching, Walter E. Invisible cuff tacker attachment. 2,763,225, 9-18-56, Cl. 112—178.
- Menser, Henry E. Pipe aligning apparatus. 2,730,796, 1-17-56, Cl. 29—287.
- Mentes, Alexander G., to Mentes-Williams Co., Inc. Spreading apparatus and method. 2,767,587, 8-7-56, Cl. 94—44.
- Mentes-Williams Co., Inc.: *See*—  
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- Mention, Maurice, and P. Godet, to Les Usines de Melle (Societe Anonyme). Process for producing aliphatic esters. 2,740,800, 4-3-56, Cl. 260—410.9.
- Menz, Frederick W. Card shuffler. 2,763,484, 9-18-56, Cl. 273—149.
- Mentzer, Charles,  $\frac{1}{2}$  to Laboratoires Laroche-Navarion. Process of preparing 3-methyl-chromone. 2,769,015, 10-30-56, Cl. 260—345.2.
- Menzel, Paul L. Acidizing wells. 2,746,921, 5-22-56, Cl. 252—8.55.
- Menuhin, Jehudi: *See*—  
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- Menyeva, George: *See*—  
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- Johnson, Herbert W., and Menyeva. 2,767,677.
- Menzi, Karl: *See*—  
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- Wegmann, Jacques, and Menzi. 2,749,206.
- Menzi, Karl, to Ciba Ltd. Disazo dyestuffs and complex copper compounds thereof. 2,749,334, 6-5-56, Cl. 260—147.
- Menzi, Karl, and J. Wegmann, to Ciba Ltd. Process for dyeing or printing cellulose-containing materials and dyestuff preparations therefor. 2,749,207, 6-5-56, Cl. 8—42.
- Menzies, Stewart D., and R. S. Nigler. Resilient sheet material. 2,748,448, 6-5-56, Cl. 28—78.
- Menzies, William C. Process and apparatus for separating mixed materials. 2,734,629, 2-14-56, Cl. 209—172.5.
- Merancy, Arthur E., and T. Welsz; said Merancy assor, to said Welsz. Vehicle washing machine. 2,764,834, 7-17-56, Cl. 134—57.
- Mercado, Vincent F. Circumferentially traveling tire tire mounting and demounting apparatus. 2,772,726, 12-4-56, Cl. 157—1.24.
- Mercantile & Exchange Corp.: *See*—  
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- Mercantile Trust Co. of Baltimore: *See*—  
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- Mercast Corp.: *See*—  
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- Mercast, Ernest M. Fastening devices. 2,747,247, 5-29-56, Cl. 24—157.
- Mercer, Bert M. Pin type fastening device. 2,747,248, 5-29-56, Cl. 24—158.
- Mercer, Bert M. Spouts. 2,747,771, 5-29-56, Cl. 222—81.
- Mercer, Bert M. Catalanial bandages. 2,747,575, 5-29-56, Cl. 128—290.
- Mercer Engineering Co.: *See*—  
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- Mercer, George E. Blast furnace linings. 2,733,913, 2-7-56, Cl. 266—43.
- Mercer, Henry A.: *See*—  
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- Mercer, John F. Combined necktie holder and necktie knot. 2,735,106, 2-21-56, Cl. 2—150.
- Mercer, Richard. Circuit arrangements for use in telecommunication systems. 2,734,946, 2-14-56, Cl. 179—18.
- Mercer, Richard. Telecommunication systems. 2,750,448, 6-12-56, Cl. 179—18.
- Mercer, Richard. Telecommunication systems. 2,758,156, 8-7-56, Cl. 179—18.
- Mercer, William R., F. T. Wimberly, and L. E. St. Jean, to Raytheon Mfg. Co. Altimeter modulators. 2,750,565, 6-12-56, Cl. 132—5.
- Merchandise Presentation, Inc.: *See*—  
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- Merchant, Charles W.: *See*—  
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- Griffes, Milton W., and Merchant. 2,774,020.
- Merchants Distilling Corp.: *See*—  
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- Mercier, Jacques: *See*—  
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- Mercier, Jean and J. H. 2,772,690.
- Mercier, Jean: *See*—  
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- Mercier, Jean. Pressure accumulator construction. 2,738,809, 3-20-56, Cl. 138—30.
- Mercier, Jean. Control systems for partitions or the like. 2,741,477, 4-10-56, Cl. 268—50.
- Mercier, Jean. Control systems for partitions or the like. 2,741,478, 4-10-56, Cl. 268—50.
- Mercier, Jean. Follow-up system. 2,763,990, 9-25-56, Cl. 60—97.
- Mercier, Jean. Accumulator system for pressure surge relief. 2,764,103, 9-25-56, Cl. 103—223.
- Mercier, Jean. Shock absorber. 2,764,404, 9-25-56, Cl. 267—8.
- Mercier, Jean. Synchronous servo-control. 2,768,613, 10-30-56, Cl. 121—41.
- Mercier, Jean. Pressure switch. 2,770,694, 11-13-56, Cl. 200—83.
- Mercier, Jean. Shock absorber. 2,771,968, 11-27-56, Cl. 188—96.
- Mercier, Jean. Accumulator system for pressure surge relief. 2,773,455, 12-11-56, Cl. 103—223.
- Mercier, Jean. Pressure accumulator. 2,773,511, 12-11-56, Cl. 138—30.
- Mercier, Jean. Sealing means for a slidable member in a pressure unit. 2,774,619, 12-18-56, Cl. 286—26.
- Mercier, Jean and J. Gauge cut-off valve. 2,764,175, 9-25-56, Cl. 137—109.
- Mercier, Jean and J. H., to G. M. E. Corp. Hydraulically actuated articulated members. 2,770,297, 11-13-56, Cl. 160—188.
- Mercier, Jean and J. H. Bleeder valve. 2,772,690, 12-4-56, Cl. 137—119.
- Mercier, Jean M. Ski gripping cleat. 2,756,063, 7-24-56, Cl. 280—11.37.
- Mercier, Joseph A., W. A. Torpey, and T. A. Russell, to Eastman Kodak Co. Multiple coating apparatus. 2,761,419, 9-4-56, Cl. 118—412.
- Mercier, Stanley M., to The Jeffrey Mfg. Co. Control mechanism for stacker-conveyor system. 2,734,642, 2-14-56, Cl. 214—10.

- Mercier, Stanley M., to The Jeffrey Mfg. Co. Feeding and sealing apparatus for bunkers, chutes, and the like. 2,736,439, 2-28-56, Cl. 214-1-17.
- Mercier, Stanley M., to The Jeffrey Mfg. Co. Belt conveyor system with multiple relatively movable loading devices. 2,745,918, 6-25-56, Cl. 198-233.
- Mercier, Stanley M., to The Jeffrey Mfg. Co. Control mechanism for stacker-conveyor system. 2,764,278, 9-25-56, Cl. 198-233.
- Merrell Plating Equipment Co.: See—  
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- Merck & Co., Inc.: See—  
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Clark, Robert L. 2,741,612.  
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Clark, Robert L. 2,741,614.  
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Eder, John A. Jr. 2,742,195.  
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Hammond, Philip D. 2,739,157.  
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Miller, Charles S., Engelhardt, and Gordon. 2,753,347.  
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Wilson, Evelyn H., and Tishler. 2,773,075.  
Wolff, John E. 2,757,124.  
Wright, Lemuel D., Wood, and Folkers. 2,766,254.
- Merck, E. & A.: See—  
Müller, Wilhelm. 2,744,864.
- Merck, E. Aktiengesellschaft: See—  
Zima, Otto, and von Werder. 2,734,905.
- Merck, E. Chemical Works: See—  
Hotovy, Rudolf, Jacobi, and Kuessner. 2,734,062.
- Merck, John, and G. C. Dalmaso, to Joy Mfg. Co. Replaceable-flight conveyor chain. 2,756,869, 7-31-56, Cl. 198-176.
- Mercur, Dave. Hand protectors for infants. 2,728,914, 1-3-56, Cl. 2-16.
- Mercury Engineering Corp.: See—  
Miller, Francis B. 2,730,306.  
Zernov, Peter. 2,771,011.
- Mercury Mfg. Co., The: See—  
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- Meredith, Dennis L.: See—  
Meredith, Frederick W. and D. L. 2,762,962.
- Meredith, Frederick W., to S. Smith & Sons (England) Ltd. Stabilization and steering devices for dirigible craft. 2,739,771, 3-27-56, Cl. 79-10.
- Meredith, Frederick W. and D. L., to S. Smith and Sons (England) Ltd. Safety device for automatic pilot system. 2,762,962, 9-11-56, Cl. 318-489.
- Meredith, Harlan L., to North American Aviation, Inc. Joining aluminum and aluminum alloy to titanium and titanium alloy. 2,766,777, 9-28-56, Cl. 219-10.
- Meredith, Harlan L., to North American Aviation, Inc. Titanium bellare brazing process. 2,768,271, 10-23-56, Cl. 219-85.
- Meredith, Orville S. Claw operated, slidable outer jaw wrench. 2,765,691, 10-9-56, Cl. 81-127.
- Meredith, Ray. Rocker arm refacing machine. 2,758,424, 8-14-56, Cl. 51-56.
- Mergen, Joseph M., and H. Murphy, to Curtiss-Wright Corp. Clutch mechanism. 2,738,045, 3-13-56, Cl. 192-35.
- Mergenthaler Linotype Co.: See—  
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Braham, Frank G. 2,750,524.  
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- Merrill, George H.: See—  
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- Meridian Corp.: See—  
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- Merliatt, Clyde D., to Gould-National Batteries, Inc. Casting machine. 2,751,648, 6-26-56, Cl. 22-77.
- Merrill, Francis G., and L. C. Thomas, to Bell Telephone Laboratories, Inc. Frequency multiplier apparatus. 2,748,283, 5-29-56, Cl. 250-36.
- Merit Engineering, Inc.: See—  
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- Merit Mfg. Co., Inc.: See—  
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- Merit Products, Inc.: See—  
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- Meritor Corp., to Koppers Co., Inc. Processes for the production of carbon monoxide and hydrogen from methane or the like. 2,773,756, 12-11-56, Cl. 48-196.
- Merkel, Joseph R.: See—  
Nickerson, Walter J., and Merkel. 2,734,027.
- Merker, Dwight R.: See—  
Brown, Leo C., and Merker. 2,773,081.
- Merker, Dwight R., to Swift & Co. Method of imparting a butter-like flavoring to fat-containing food products and the resulting product. 2,773,772, 12-11-56, Cl. 99-123.
- Merker, Leon: See—  
Lynd, Langtry E., and Merker. 2,736,659.  
Lynd, Langtry E., and Merker. 2,758,911.
- Merker, Leon, to National Lead Co. Preparation of calcium titanate composition. 2,751,279, 6-19-56, Cl. 22-51.
- Merker, Leon, to National Lead Co. Monocrystalline rutile and a method for preparing the same. 2,760,874, 8-28-56, Cl. 106-42.
- Merker, Leon, to National Lead Co. Synthetic rutile and its preparation. 2,763,558, 9-18-56, Cl. 106-42.
- Merker, Leon, to National Lead Co. Infectable material. 2,764,490, 9-25-56, Cl. 106-42.
- Merker, Leon, to National Lead Co. Preparation of metal titanate. 2,767,040, 10-16-56, Cl. 23-51.
- Merker, Robert L., to Dow Corning Corp. Hydroxyester substituted siloxanes. 2,770,631, 11-13-56, Cl. 260-448.2.
- Merker, Robert L., to Dow Corning Corp. Carboxyester substituted siloxanes. 2,770,632, 11-13-56, Cl. 260-448.2.
- Merker, Robert L., and W. A. Zisman. Fluid compositions containing an orthosilicate. 2,735,816, 2-21-56, Cl. 252-40.7.
- Merkin, Norman J. Ironing pads. 2,741,045, 4-10-56, Cl. 38-140.
- Merlo, Mario P. Indicator for razors. 2,750,664, 6-19-56, Cl. 30-34.
- Mermelstein, Morris. Automobile lifting device. 2,750,149, 6-12-56, Cl. 254-86.
- Mermelstein, Morris. Vibratory sander. 2,752,182, 6-26-56, Cl. 281-25.
- Mermis, Alfred. Boring machine. 2,743,085, 4-24-56, Cl. 255-22.
- Merrell Mfg.: See—  
Box, Merrell L., and Cason. 2,741,365.
- Merrell, Wm. S. Co., The: See—  
Wheeler, Keith W., Seyler, and Van Campen. 2,772,268.
- Merriam, Francis F., to Bell Telephone Laboratories, Inc. Regulated high voltage power supply. 2,753,509, 7-3-56, Cl. 321-18.
- Merriam, John H., to Allied Chemical & Dye Corp. Selective phenol-aldehyde resinification. 2,750,354, 6-12-56, Cl. 260-57.
- Merrick, Herman A., to United Service & Utilities Co. Infrared generator. 2,772,336, 11-27-56, Cl. 201-63.
- Merrick, Maurice J., to Sawyer's Inc. Portrait attachment for stereoscopic cameras. 2,730,024, 1-10-56, Cl. 95-18.
- Merrill, Bennett W., to Standard Packaging Corp. Method and apparatus for applying closures to open containers. 2,732,116, 1-24-56, Cl. 226-34.
- Merrill, Casper W. Continuous freezer. 2,745,261, 5-15-56, Cl. 62-114.
- Merrill, Donald G.: See—  
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- Merrill, Francis G.: See—  
Felch, Edwin P., and Merrill. 2,743,367.
- Merrill, Frank W., to General Electric Co. Dynamoelectric machine magnetic core member. 2,735,952, 2-21-56, Cl. 310-156.
- Merrill, Howard W.: See—  
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- Merrill, Joshua L., Jr., to Bell Telephone Laboratories, Inc. Negative impedance repeaters. 2,742,616, 4-17-56, Cl. 335-80.
- Merrill, Marcellus S. *See*—  
Erickson, Lowell H. 2,758,487.  
Erickson, Lowell H. 2,761,323.
- Merrill, Marcellus S. Automobile top carriers for skis and ice skis. 2,757,079, 6-25-56, Cl. 224-42.1.
- Merrill, Marcellus S. and L. H. Erickson; said Erickson assor. to said Merrill. Wheel spinner. 2,731,841, 1-24-56, Cl. 74-16.
- Merrill, Oliver B. Method of making bendable weather or trim strip. 2,728,982, 1-3-56, Cl. 29-533.
- Merrill, Robert D. *See*—  
Ruskin, Robert E. and Merrill. 2,750,798.
- Merrill, Roger L. and W. Hecox, to The Exact Weight Scale Co. Statistical quality-control system. 2,767,914, 10-23-56, Cl. 235-61.
- Merriman, Frederick C. and J. Ratkowski. Collapsible support chair. 2,760,557, 8-28-56, Cl. 155-154.
- Merriman, Henry H. Pressure units. 2,746,317, 5-22-56, Cl. 74-503.
- Merriman, Henry H. Pressure unit. 2,755,681, 7-24-56, Cl. 74-124.8.
- Merriman, John A. Load bracing dog assembly. 2,757,039, 7-31-56, Cl. 296-43.
- Merriman, Peter, to Dunlop Tire and Rubber Corp. Method of making bonded resilient fibrous material. 2,734,841, 2-14-56, Cl. 154-101.
- Merriman, Richard L., to Lansdale Nipple Co. Fitting for insulator assemblies and method. 2,756,271, 7-24-56, Cl. 174-177.
- Merritt, Edwin J.,  $\frac{1}{4}$  to J. E. Butterworth. Motor protective system. 2,741,988, 4-17-56, Cl. 103-25.
- Merritt, Gilbert S., to Foster Wheeler Corp. Apparatus for circulating high temperature gases. 2,744,730, 5-8-56, Cl. 257-1.
- Merritt, Glenn W., to The Nolan Co. Belt drive actuated motor controlling switch mechanism. 2,766,417, 10-9-56, Cl. 318-475.
- Merritt, Jack A., to Universal Engine Heater Co. Oil burning water heater. 2,730,079, 1-10-56, Cl. 122-156.
- Merritt, Robert H. Torque engaged brake. 2,734,599, 2-14-56, Cl. 188-141.
- Merritt, Robert H. Clutch mechanism. 2,744,597, 5-8-56, Cl. 192-35.
- Merritt, Terry *See*—  
Sherman, Clarence A. and Merritt. 2,731,538.
- Merritt, Thomas W., and C. A. Thomas, to Babson Bros. Co. Milking apparatus. 2,730,071, 1-10-56, Cl. 119-14.6.
- Merritt, Thomas W., C. A. Thomas, and W. C. Babb, to Babson Bros. Co. Milking apparatus. 2,737,924, 3-13-56, Cl. 119-14.5.
- Morrow Machine Co., The *See*—  
Lamoureux, Edward R. and Pierce. 2,769,417.
- Pierce, Bernard N. 2,733,675.
- Pierce, Bernard N. 2,755,757.
- Pierce, Bernard N. 2,769,417.
- Stolzberg, Herman F. and Pierce. 2,748,397.
- Washburn, John M., and Pierce. 2,751,867.
- Merry, Sidney *See*—  
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- Dike, Max H., Faulkner, and Merry. 2,755,262.
- Merry, Sidney P., Jr. *See*—  
Rainard, Leo W., and Mersereau. 2,734,834.
- Runton, Leslie A., and Mersereau. 2,741,825.
- Merten, Eugene, to Shell Development Co. Seismic exploration apparatus. 2,772,746, 12-4-56, Cl. 181-5.
- Mertes, Joseph V. *See*—  
Van Clief, William C., Jr., and Mertes. 2,737,678.
- Mertes, Thomas S., and H. B. Rhodes, to Sun Oil Co. Treating of liquids with granular solids. 2,745,888, 5-15-56, Cl. 260-674.
- Mertler, Charles S., to Stevens Mfg. Co., Inc. Adjustable thermostat. 2,740,020, 3-27-56, Cl. 200-139.
- Mertler, Charles S., to Stevens Mfg. Co., Inc. Thermostatic switches. 2,753,421, 7-3-56, Cl. 200-138.
- Mertler, Charles S., to Stevens Mfg. Co., Inc. Thermostatic switch. 2,753,422, 7-3-56, Cl. 200-138.
- Mertler, Charles S., to Stevens Mfg. Co., Inc. Combination purpose thermostat. 2,753,437, 7-8-56, Cl. 219-44.
- Mertz, Allen *See*—  
Bennett, Sedgwick R., and Mertz. 2,772,703.
- Mertz, Clyde W., to Phillips Petroleum Co. Stabilization of certain vinylpyridines, vinyl quinolines and vinyl-isouquinolines. 2,748,834, 9-15-56, Cl. 260-290.
- Mertz, Clyde W., to Phillips Petroleum Co. Stabilization of heterocyclic nitrogen compounds. 2,764,588, 9-25-56, Cl. 260-290.
- Mertz, David. Threaded stud and nut actuated quick-set thermostat. 2,760,535, 8-28-56, Cl. 144-303.
- Mertz, Pierre, to Bell Telephone Laboratories, Inc. Measurement of transmission time delay. 2,746,013, 5-15-56, Cl. 324-57.
- Mertz, Stephan. Antiskid cover for tires. 2,747,639, 5-29-56, Cl. 152-173.
- Mertzweiler, Joseph K. *See*—  
Moise, James E., and Mertzweiler. 2,767,217.
- Mertzweiler, Joseph K., to Esso Research and Engineering Co. Oxo synthesis using cobalt salt of cobalt carbonyl. 2,744,936, 5-8-56, Cl. 260-604.
- Mertzweiler, Joseph K., to Esso Research and Engineering Co. Catalyst recovery from alcohol synthesis process. 2,751,408, 6-19-56, Cl. 260-414.
- Mertzweiler, Joseph K., to Esso Research and Engineering Co. Preparation of metallic hydrocarbons. 2,767,048, 10-16-56, Cl. 23-30.
- Mertzweiler, Joseph K., H. E. Templeton, and R. L. Daussat, to Esso Research and Engineering Co. Decabating in oxo process using oxidizing gas and organic acid. 2,744,921, 5-8-56, Cl. 260-414.
- Mertzweiler, Joseph K., W. M. Smith, and K. E. Draeger, to Esso Research and Engineering Co. Aldehyde synthesis process. 2,757,202, 7-31-56, Cl. 260-604.
- Mertzweiler, Joseph K., and F. J. Buchmann, to Esso Research and Engineering Co. Oxo process-aided decabating in presence of carbon monoxide. 2,757,205, 7-31-56, Cl. 260-604.
- Mertzweiler, Joseph K., and F. J. Buchmann, to Esso Research and Engineering Co. Acid decabating. 2,757,377, 7-31-56, Cl. 260-604.
- Mertzweiler, Joseph K., and J. L. Betts, Jr., to Esso Research and Engineering Co. Desulfurization of oxo feeds. 2,765,357, 10-2-56, Cl. 260-677.
- Mertzweiler, Joseph K., and J. L. Betts, Jr., to Esso Research and Engineering Co. Color improvement in preparation of drying oils. 2,768,984, 10-30-56, Cl. 260-669.
- Merunovich, Andrew. Unipolar generator. 2,755,398, 7-17-56, Cl. 310-178.
- Merz, Edmund H., and G. E. Urban, to Monsanto Chemical Co. Method of forming an electrical winding. 2,771,886, 11-2-56, Cl. 17-80.
- Merz, George L. Bracket for supporting table tops and the like. 2,757,893, 8-7-56, Cl. 248-225.
- Merz, Kenneth M. *See*—  
Beacham, Harry H., and Merz. 2,742,448.
- Merz, Richard E. *See*—  
Cushman, Edward P., and Merz. 2,768,157.
- Meserve, Forrest C., and M. F. Smith. Machine and process for slitting tires. 2,741,307, 4-10-56, Cl. 164-10.2.
- Mesh, Theodore J., to Gilbert & Barker Mfg. Co. Coarse and fine follow-up measuring systems. 2,735,493, 3-13-56, Cl. 348-184.
- Mesi, Philip J. *See*—  
Peronti, Anthony. 2,769,153.
- Mesojedec, John. Pivoted head sliding jaw ratchet-type end wrench. 2,733,626, 2-7-56, Cl. 81-165.
- Messenger, Desmond, S. Whitard, and G. W. Phelps, to The Track Corp. Ltd. Vehicle track shoe construction. 2,735,729, 2-21-56, Cl. 305-10.
- Messenger, Desmond, S. Whitard, and G. W. Phelps, to The Track Corp. Ltd. Vehicle track shoe assembly. 2,735,730, 2-21-56, Cl. 305-10.
- Messer, Adolf, G. m. b. H. *See*—  
Bertlie, Richard, and Metzner. 2,766,982.
- Messery, George H., and A. W. Campbell, to the United States of America as represented by the Secretary of the Army. Explosive flask for illuminating detonation phenomena. 2,764,094, 9-25-56, Cl. 102-87.
- Messerschmidt, Sebastian. Work piece storage for lapping machines. 2,766,556, 10-16-56, Cl. 51-3.
- Messick, Kirwan Y. *See*—  
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- Messina, Joseph. Loading dock bumper. 2,734,739, 2-14-56, Cl. 267-1.
- Messina, Nicholas V., to Tide Water Associated Oil Co. Mineral oil lubricating compositions. 2,742,432, 4-17-56, Cl. 252-51.5.
- Messineo, Charles *See*—  
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- Messing, Hjalmar S. *See*—  
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- Messing, Hjalmar S., to American Dehydrator Inc. Rotary feeding device for pulp making apparatus. 2,774,491, 12-18-56, Cl. 214-17.
- Messing, Joseph *See*—  
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- Messinger, Bernard L. *See*—  
Vrooman, Carl D., and Messinger. 2,762,897.
- Messinger, Lester H., to Remington Arms Co., Inc. Packaging machine. 2,735,598, 2-21-56, Cl. 226-14.
- Messler, Allan H., and H. D. Gaudet, to Vulcan-Hart Mfg. Co., Inc. Tensioning, washing and drying apparatus. 2,764,170, 9-25-56, Cl. 134-24.
- Messman, Arthur. Folding typewriter desk for automobiles. 2,771,331, 11-20-56, Cl. 311-21.
- Messmer, Edwin E., J. D. Sylvester, and J. D. Keenan, Jr., to Amco Packaging Machinery, Inc. Article handling machine. 2,738,482, 9-18-56, Cl. 271-32.
- Messmer, Joseph. Applicator of the detachable sleeve type. 2,741,013, 4-10-56, Cl. 29-118.
- Messmer, Robert C., to American Viscose Corp. Dispensing container for needles, punches, and the like. 2,771,182, 11-20-56, Cl. 206-17.
- Messner, La Bine *See*—  
Silvola, Raymond I. 2,767,958.
- Messner, Theodore *See*—  
Silvola, Raymond I. 2,767,958.
- Messrs. Lumoprint Zindler K. G. *See*—  
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- Limberger, Walter. 2,734,890.
- Limberger, Walter. 2,740,344.
- Limberger, Walter. 2,751,814.
- Mesta Machine Co. *See*—  
Kalkerkamp, Herman J. 2,752,804.
- Mestman, Percy W., and J. J. Ross. Bag dispenser. 2,775,365, 12-25-56, Cl. 221-44.

- Mestre, Luis, to The Mosier Safe Co. Depositing machines. 2,770,516, 11-15-56, Cl. 3, 75-32.
- Meszaros, George W., to Bell Telephone Laboratories, Inc. Current supply apparatus. 2,771,576, 11-20-56, Cl. 321-18.
- Metacomet Mfg. Co., Inc.: *See—*
- Goldberg, George. 2,738,222.
- Metailier, Roger, Société Anonyme so-called: Société d'Etudes et de Recherches Industrielles S. O. T. R. E. M. A. Dump buckets. 2,738,223, 3-13-56, Cl. 298-19.
- Metal Coating Corp.: *See—*
- Dougherty, Paul. 2,753,826.
- Dougherty, Paul S. 2,758,367.
- Metal Fabricators & Finishers, Inc.: *See—*
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- Metal-Glass Products Co.: *See—*
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- Metal Hydrides Inc.: *See—*
- Alexander, Peter P., and Wade. 2,753,255.
- Banus, Mario D. 2,740,730.
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- Bragdon, Robert W., and Banus. 2,741,540.
- Gruber, Bernard A., Gordon, and Jermain. 2,735,668.
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- Metal, Martin. Child's construction toy. 2,751,706, 6-28-56, Cl. 46-3.
- Metal Office Furniture Co.: *See—*
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- Metal Seal & Products, Inc.: *See—*
- Heinrich, August H. 2,743,948.
- Heinrich, August H. 2,747,903.
- Metal Textile Corp.: *See—*
- De Witt, Walter M., Sr. 2,761,203.
- Goodloe, Alfred M. 2,775,445.
- Metal & Thermic Corp.: *See—*
- Church, James M., Ramsden, and Hirschland. 2,743,257.
- Johnson, Ernest W. 2,763,632.
- Lowenheim, Frederick A., and Forman. 2,735,788.
- Lowenheim, Frederick A., and Hirschland. 2,737,483.
- Miehe, William H. P. 2,762,620.
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- Metallco Corp.: *See—*
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- Metallholm Engineering Corp.: *See—*
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- Metallgesellschaft, A. G.: *See—*
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- Danulat, Friedrich, Schmalfeld, and Rudolph. 2,772,873.
- Müsslein, Joseph. 2,765,279.
- Milbers, Arthur, and Sondernmann. 2,733,253.
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- Zimmermann, Wilhelm. Re. 24,211.
- Metallic Arts, Not Inc.: *See—*
- McInnis, Joseph S. 2,769,899.
- Metalischlauchfabrik A. G.: *See—*
- Breuer, Robert. 2,741,024.
- Metalurgical Processes Co.: *See—*
- Ness, Harold J. 2,749,106.
- Ness, Harold M. 2,751,312.
- Ness, Harold J., and Rusciano. 2,753,170.
- Ness, Harold J., and Rusciano. 2,763,476.
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- Metalurgical Processes Ltd.: *See—*
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- Metals & Controls Corp.: *See—*
- Boessenkool, Helmich W. 2,747,265.
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- Cloutier, Lucien A. 2,755,453.
- Cooney, James S. 2,739,369.
- Cooney, James S. 2,739,370.
- Epstein, Henry D. 2,743,333.
- Köster, Werner, and Braun. 2,767,086.
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- Moksu, Walter H. 2,767,284.
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- Metalwash Machinery Co.: *See—*
- Nolte, Robert K. 2,764,171.
- Pettit, Jack L. 2,759,588.
- Zademach, Erich R. 2,744,532.
- Metcalf, Frank H. Guide structure for drawers and the like. 2,747,943, 5-29-56, Cl. 308-38.
- Metcalf, George E., Jr. Casing cutting tool. 2,735,485, 2-21-56, Cl. 164-8.
- Metcalf, Herbert E.: *See—*
- Wormser, Paul, and Metcalf. 2,731,051.
- Metcalf, Herbert E., to Northrop Aircraft, Inc. Airplane control system. 2,734,700, 2-14-56, Cl. 244-42.
- Metcalf, Herbert E., to S & W Fine Foods, Inc. Cherry stemmer. 2,742,068, 4-17-56, Cl. 146-55.
- Metcalf, Herbert E., to Northrop Aircraft, Inc. Electric-hydraulic flap control system. 2,751,752, 6-26-56, Cl. 60-52.
- Metcalf, Herbert E., H. W. Johnson, and R. S. Chisholm, to the United States of America as represented by the United States Atomic Energy Commission. Fluid cooled neutronic reactor. 2,741,593, 4-10-56, Cl. 204-193.
- Metcalf, Homer J. Flat tire signal. 2,741,673, 4-10-56, Cl. 200-6124.
- Metcalf, Hugh R.: *See—*
- Brown, Robinson, Metcalf, and Brooks. 2,742,820.
- Metcalf, J. E.: *See—*
- Cradcock, Charles L. 2,736,005.
- Metcalf, John H. to Victrolac Ltd. Stillages. 2,732,967, 1-31-56, Cl. 220-6.
- Metcalf, Philip A., to A. V. Roe Canada Ltd. Tool for installing inserts. 2,747,449, 5-29-56, Cl. 81-121.
- Metcalf, Richard S. Glass cutter gauge. 2,763,929, 9-25-56, Cl. 35-3.
- Metcalf, Vergil J. Method of making engine block sealer. 2,729,568, 1-3-56, Cl. 106-33.
- Meth, Israel, and R. J. Wohl. Coaxial switch. 2,767,286, 10-16-56, Cl. 200-153.
- Meth, Max. Method and apparatus for depositing copper. 2,748,023, 5-29-56, Cl. 117-35.
- Meth, Max. Copper coating by galvanic action. 2,768,944, 10-30-56, Cl. 204-19.
- Metheny, Donald B.: *See—*
- Talmey, Paul, Metheny, and Lee. 2,772,183.
- Method X Co., The: *See—*
- Porterfield, Cecil P. 2,730,602.
- Teubner, Edmund E. 2,756,316.
- Methu, Joseph, to Société des Usines Chimiques Rhéno-Poulenc. Phosphorus derivatives, process for their preparation and compositions containing them. 2,752,283, 6-26-56, Cl. 167-33.
- Metocraft Alloy Corp.: *See—*
- Kenserson, Stanley M. 2,737,218.
- Metoff, Boris G., to Rotex Co. Power driven hand tools. 2,771,105, 11-20-56, Cl. 144-117.
- Metraller, William J., to Esso Research and Engineering Co. Fluid coke calcining process employing a dual bed. 2,738,316, 3-13-56, Cl. 202-31.
- Metral, Charles: *See—*
- Richard, Albert, and Metral. 2,768,583.
- Metrogram Corp. of America: *See—*
- Hadley, Harlan A. 2,771,289.
- Hadley, Harlan A. 2,775,444.
- Metromatic Mfg. Co., Inc.: *See—*
- Austin, Wendell F. 2,741,242.
- Metropolitan Mirror and Glass Co., Inc.: *See—*
- Hilema, Henry H. 2,758,845.
- Metropolitan Telephone Supply Corp.: *See—*
- Levenson, Robert S. 2,734,179.
- Metropolitan-Vickers Electrical Co. Ltd.: *See—*
- Abram, Leo, and Hathaway. 2,774,025.
- Barlow, Ernest. 2,760,091.
- Davidson, George W. 2,767,265.
- Flursheim, Cedric H., Fawcay, and Barker. 2,766,354.
- Galib, Selchouk A., and Taylor. 2,757,758.
- Kilner, William N. 2,749,457.
- Kilner, William N. 2,755,395.
- Kinder, Arthur T., and Brook. 2,766,362.
- Parr, Ronald, and Evans. 2,746,000.
- Scoles, Graham J. 2,773,199.
- Towle, Edward L. N. 2,752,019.
- Tribbitt, John S. 2,738,571.
- Metsger, Charles S.: *See—*
- Gilbert, Samuel, and Metsger. 2,742,991.
- Mettetal, Donald, Jr., 1/2 to Dealers Transit, Inc., and 1/2 to Arco Auto Carriers, Inc. Automobile transporting vehicle. 2,750,225, 6-12-56, Cl. 296-1.
- Mettler, Erhard K.: *See—*
- Kriznic, Bolan. 2,750,183.
- Mettler, Erhard K. Balance. 2,764,400, 9-25-56, Cl. 265-48.
- Mettler, Jacob P. Door latch. 2,763,504, 9-18-56, Cl. 292-202.
- Mettler, John D.: *See—*
- Carosella, Michael C., and Mettler. 2,766,101.
- Mettler, John D., Jr., to Union Carbide and Carbon Corp. Method of carbon reduction of tungstic oxide. 2,763,541, 9-18-56, Cl. 75-5.
- Metz, Anthony J.: *See—*
- Simmons, Haryl C., and Metz. 2,757,697.
- Metz, August Z. Apparatus for and method of drawing off the wort in making beer. 2,758,030, 8-7-56, Cl. 99-52.
- Metz, Paul, to Transformatoren- und Apparatefabrik Paul Metz. Portable radio phonograph. 2,755,342, 7-17-56, Cl. 179-100.11.
- Metz, Peter P., to F. S. Harmon Mfg. Co. Caster. 2,753,586, 7-10-56, Cl. 16-18.
- Metzger, Cullen W.: *See—*
- Johnson, Paul H., Musch, and Metzger. 2,731,434.
- Johnson, Paul H., Musch, and Metzger. 2,731,435.
- Metzger, Herbert W.: *See—*
- Matlack, Richard C., Metzger, Miller, and Vroom. 2,733,297.
- Metzger, George F.: *See—*
- Jones, William R. 2,772,916.
- Metzger, Henry L., to Fort Orange Paper Co. Non-returnable bottle carrier. 2,770,391, 11-13-56, Cl. 220-113.
- Metzger, Herbert G., and F. J. Held, to The B. F. Goodrich Co. Method for preparing alkyl esters of acrylic acid. 2,750,016, 8-14-56, Cl. 260-486.
- Metzger, Josef: *See—*
- Voltz, Paul, and Metzger. 2,754,064.
- Metzger, Raymond J.: *See—*
- Axibia, Emanuel F., Metzger, and White. 2,744,575.
- Parish, Emanuel F., Metzger, and White. 2,744,577.
- Metzger, Sidney, to International Telephone and Telegraph Corp. Pulse code expander. 2,738,463, 3-13-56, Cl. 332-1.



- Metzger, Sidney, R. W. Hughes, and B. McAdams, to International Telephone and Telegraph Corp. Multiplex demodulator. 2,771,553, 11-20-56, Cl. 250-27.
- Metzger, William J., to National Malleable and Steel Castings Co. Alignment control means for railway vehicles. 2,754,978, 7-17-56, Cl. 213-20.
- Metzger, William J., to National Malleable and Steel Castings Co. Car coupler. 2,769,556, 11-6-56, Cl. 213-127.
- Metzger, Max C., A. Long, and E. M. Stoltz, Jr., to the United States of America as represented by the United States Atomic Energy Commission. Uranium recovery process. 2,743,156, 4-24-56, Cl. 233-14.5.
- Metzger, Earl G. Resilient aircraft wing mounting. 2,768,800, 10-30-56, Cl. 244-38.
- Metzner, Otto: See—
- Bechtie, Richard, and Metzner. 2,766,982.
- Metzner, Wendell P.: See—
- Harries, James O., and Metzner. 2,748,100.
- Meull, Lloyd J., to The Dow Chemical Co. Process of treating fungus infected soil with halogenated 2-propanone compounds. 2,763,097, 9-18-56, Cl. 47-58.
- Meull, Lloyd J., to The Dow Chemical Co. 1-buten-3-one and 1-penten-3-one fungicidal compositions and method of applying to soil. 2,775,066, 12-25-56, Cl. 47-58.
- Meull, Lloyd J., to The Dow Chemical Co. Halobutanedione fungicidal compositions and method of applying the same to soil. 2,775,067, 12-25-56, Cl. 47-58.
- Meunier, Frederick A., to Republic Steel Corp. Tear detecting and indicating means for sheet metal. 2,735,329, 2-21-56, Cl. 85-14.
- Meurer, Albert W.: See—
- Spevak, Irving B. 2,740,125.
- Meurer, Nicholas R.: See—
- Badovinac, Peter, and Meurer. 2,758,375.
- Meyer, Siegfried, to the firm Maschinenfabrik Augsburg-Nürnberg A. G. Piston engine. 2,741,519, 4-10-56, Cl. 309-6.
- Meyer, Siegfried. Mixing arrangement in internal combustion engine. 2,762,348, 9-11-56, Cl. 123-32.
- Meyer, Robert E., to the United States of America as represented by the United States Atomic Energy Commission. Pressure chamber closure apparatus. 2,747,762, 5-29-56, Cl. 220-30.
- Meusy, Eugene E., to Milwaukee Gas Specialty Co. Sealing means. 2,747,834, 5-29-56, Cl. 251-335.
- Meusy, Eugene E., to Milwaukee Gas Specialty Co. Electric igniter. 2,751,973, 6-26-56, Cl. 158-115.
- Meusy, Eugene E., to Milwaukee Gas Specialty Co. Electromagnetic control device with manual operator and electro-responsive release. 2,756,370, 7-24-56, Cl. 317-123.
- Meusy, Eugene E., to Milwaukee Gas Specialty Co. Valve. 2,763,411, 10-16-56, Cl. 251-171.
- Meutsch, Adolf. Rock-drill. 2,756,967, 7-31-56, Cl. 255-63.
- Mew, James T. Structure for holding a web in spread condition to constitute a berth or the like. 2,761,153, 9-4-56, Cl. 5-197.
- Meyer, A. P. M.: See—
- Getz, Benjamin E. 2,753,788.
- Meyer, Albert, to Calgon, Inc. Process for the improvement of taste, digestibility, and stability of fish meat. 2,735,777, 2-21-56, Cl. 99-111.
- Meyer, Amel R., to Graver Tank & Mfg. Co. Inc. Welding apparatus. 2,737,568, 3-6-56, Cl. 219-8.
- Meyer, Amel R., to Graver Tank & Mfg. Co., Inc. Submerged arc welding method and apparatus. 2,742,553, 4-17-56, Cl. 219-8.
- Meyer, Andrew, and S. Bowman, to Cleveland Rock Drill Division, Westinghouse Air Brake Co. Overriding clutch. 2,738,457, 8-14-56, Cl. 64-29.
- Meyer, Arnold O.: See—
- Steyer, Friedrich W. M. 2,749,176.
- Meyer, Arthur A., to Warner Electric Brake & Clutch Co. Pole piece unit for magnets. 2,739,684, 3-27-56, Cl. 192-84.
- Meyer, Claude: See—
- Boyd, Philip A. 2,742,728.
- Meyer, Daniel A.: See—
- Rockoff, Joseph, and Meyer. 2,763,208.
- Meyer, Earl A., to Bjorksten Research Laboratories, Inc. Hydraulically operated liquid sprayer. 2,731,297, 1-17-56, Cl. 299-92.
- Meyer, Earl A., to Bjorksten Research Laboratories, Inc. Elastic cascading impact absorber. 2,733,177, 1-31-56, Cl. 154-52.5.
- Meyer, Edward B. Snow moving implement. 2,754,601, 7-17-56, Cl. 37-44.
- Meyer, Edwin W.: See—
- Julian, Percy L., Cole, Meyer, and Karpel. 2,752,339.
- Meyer, Ferdinand C.: See—
- Brockmeyer, Dorothy J., and Meyer. 2,741,622.
- Meyer, Ferdinand C., and A. J. Spziale, to Monsanto Chemical Co. Carboxylic acid esters of hydroxy substituted carbocyclic ketones. 2,750,409, 6-12-56, Cl. 260-476.
- Meyer, Ferdinand C., and A. J. Spziale, to Monsanto Chemical Co. 1-acyloxy-4-hydroxy-2-alkoxy-4a-methyl-1,4,4a,5,8a-hexahydronaphthalenes and their production. 2,760,973, 8-28-56, Cl. 260-488.
- Meyer, Ferdinand C., and A. J. Spziale, to Monsanto Chemical Co. Substituted naphthalenes. 2,760,980, 8-28-56, Cl. 260-586.
- Meyer, Frank E.: See—
- Ringel, Harold A., and Meyer. 2,746,668.
- Meyer, Franklin, to Aviation Engineering Division, Avion-Knickerbocker, Inc. D. C. reference source. 2,745,053, 5-8-56, Cl. 323-69.
- Meyer, Friedrich, to Felsa A. G. Pallet bridge for watch or clock movements. 2,744,378, 5-8-56, Cl. 58-104.
- Meyer, Friedrich, to Felsa A. G. Grénchen. Shaft bearing in a watch. 2,760,332, 8-28-56, Cl. 28-3.
- Meyer, Friedrich, to Felsa A. G. Differential gear. 2,774,252, 12-18-56, Cl. 74-674.
- Meyer, Fritz, to Agfa Camera-Werk Aktiengesellschaft. Reflex camera with viewfinder photocell. 2,754,735, 7-17-56, Cl. 95-142.
- Meyer, Fritz, and F. Nicolaus, to Gutehoffnungshütte Oberhausen Aktiengesellschaft. Grinding mill embodying coaxial oppositely rotating grinding disks. 2,751,157, 6-19-56, Cl. 241-38.
- Meyer, Geo. J., Mfg. Co.: See—
- Alfetti, Richard J., and Hompe. 2,751,735.
- Carter, Sidney T. 2,731,913.
- Carter, Sidney T. 2,741,389.
- Carter, Sidney T. 2,758,735.
- Carter, Sidney T. 2,771,725.
- Holm, Carl. 2,733,683.
- March, George E. 2,734,571.
- Meyer, George L. N. 2,732,788.
- Meyer, George L. N. 2,734,650.
- Meyer, George L. N. 2,771,202.
- Meyer, George L. N. 2,773,522.
- Meyer, George L. N. Feinmechanische Werke G. m. b. H. Apparatus for controlling keys of business machines. 2,735,532, 2-21-56, Cl. 197-19.
- Meyer, George F.: See—
- Fisher, Jesse. 2,753,651.
- Meyer, George J. Venting device for cooking stoves. 2,750,887, 6-19-56, Cl. 98-115.
- Meyer, George J., Malt & Grain Corp.: See—
- Frauenheim, Edward E., Jr. 2,749,280.
- Meyer, George L. N., to Geo. J. Meyer Mfg. Co. Multitier pasteurizer. 2,732,788, 1-31-56, Cl. 99-360.
- Meyer, George L. N., to Geo. J. Meyer Mfg. Co. Sanitary bottle closures. 2,734,650, 1-14-56, Cl. 215-38.
- Meyer, George L. N., to Geo. J. Meyer Mfg. Co. Case unloaders. 2,771,202, 11-20-56, Cl. 214-309.
- Meyer, George L. N., to Geo. J. Meyer Mfg. Co. Resilient bottle gripper for filling machine. 2,773,522, 12-11-56, Cl. 11-165.
- Meyer, Gustav, to Maybach-Motorenbau G. m. b. H. Reversible transmission. 2,762,230, 9-11-56, Cl. 74-339.
- Meyer, Harry A.: See—
- Gartrell, Robert D., Meyer, and McVay. 2,733,987.
- Meyer, Herbert W. H., and E. F. Wadley, to Esso Research and Engineering Co. Method for obtaining an oxidation inhibitor and an oxidation resistant lubricating oil. 2,773,005, 12-4-56, Cl. 196-1417.
- Meyer, Herman. Refrigerant drying cartridge. 2,750,041, 6-12-56, Cl. 210-131.
- Meyer, Irwin, to Appleton Electric Co. Take-up reel with releasable locking device. 2,745,912, 5-15-56, Cl. 191-122.
- Meyer, James A., to Kiekhaefer Corp. Crankcase induction system for alternate-firing two-cycle engines. 2,729,204, 1-3-56, Cl. 123-59.
- Meyer, James A., to Interengaging gear starting mechanisms. 2,755,670, 7-24-56, Cl. 74-8.
- Meyer, Jean G. A. M. J., to S. A. T. A. M. Societe Anonyme pour Tous Appareillages Mecaniques. Fluid distributing and metering apparatus. 2,775,367, 12-25-56, Cl. 222-20.
- Meyer, John L., to Ideal Industries, Inc. Fluorescent circuit tester. 2,756,384, 7-24-56, Cl. 324-23.
- Meyer, Jules: See—
- Albrecht, Otto, Meyer, Schuetz, and Roesti. 2,763,529.
- Geigy, Wilhelm, Albrecht, and Meyer. 2,769,684.
- Schuetz, Fritz, Roesti, Albrecht, and Meyer. 2,763,530.
- Meyer, Jules, to Ciba Pharmaceutical Products, Inc. Chlorohydroxysalicylanilides. 2,764,614, 9-25-56, Cl. 260-559.
- Meyer, Jules, M. Schwank, and O. Albrecht, to Ciba Ltd. Process for dyeing leather with acid and direct dyes. 2,763,528, 9-18-56, Cl. 8-12.
- Meyer, Karl: See—
- Meyer, Josef, Barthelmess, and Meyer. 2,756,689.
- Meyer, Karl, F. Eisenhut, and A. Siegl. Aqueous bitumen dispersions and a process of making them. 2,774,676, 12-18-56, Cl. 106-277.
- Meyer, Kenneth E., to Culligan, Inc. Manifold for water conditioning and filtering units. 2,743,230, 4-24-56, Cl. 210-24.
- Meyer, Klaus H. Process of growing plants by budding and layering. 2,756,543, 7-31-56, Cl. 47-58.
- Meyer, Lawrence A., to The Dayton Rubber Co. Belt notching machine. 2,775,072, 12-25-56, Cl. 51-34.
- Meyer, Lester W. A., and M. H. Broyles, to Eastman Kodak Co. Cellulose acetate-butyrate compositions containing 3-methoxy butyl myristate. 2,763,562, 9-18-56, Cl. 106-179.
- Meyer, Louis, to Dorr-Oliver Inc. Diaphragm pump with stroke adjusting mechanism. 2,737,896, 3-13-56, Cl. 103-38.
- Meyer, Louis F. Upholsterer's tension device for repairing cushions. 2,755,595, 7-24-56, Cl. 45-138.
- Meyer, Marvin: See—
- Knapp, George P., Meyer, Robbins, and Zwack. 2,737,252.
- Meyer, Maurice A., to Laboratory for Electronics, Inc. Modulation circuit. 2,743,421, 4-4-56, Cl. 332-41.
- Meyer, Maurice A., to Laboratory For Electronics, Inc. Linear pulse stretcher. 2,767,311, 10-16-56, Cl. 250-27.

- Meyer, Maximilian C. Method of making ornamental rings. 2,750,630, 6-19-56, Cl. 18—47.5.
- Meyer, Peter W., to Deering Milliken Research Corp. Means for operating looms. 2,737,209, 3-6-56, Cl. 139—100.
- Meyer, Robert: *See*—  
Crämer, Helmut, and Meyer. 2,773,335.
- Meyer, Robert, and P. A. Garnier, to Societe des Usines Chimiques Rhone-Poulenc. Treatment of synthetic polymeric materials to impart dye affinity thereto. 2,775,856, 12-11-56, Cl. 260—79.3.
- Meyer, Robert H., to The Dow Chemical Co. Isomerization of hexachlorocyclohexane. 2,749,373, 6-5-56, Cl. 260—648.
- Meyer, Robert J., to Minneapolis-Honeywell Regulator Co. Square law response differential pressure device. 2,755,668, 7-24-56, Cl. 73—407.
- Meyer, Robert W., to The Guarantee Specialty Mfg. Co. Venetian blind tape measuring device. 2,728,993, 1-3-56, Cl. 33—174.
- Meyer, Rudolf H. M., to Shell Development Co. Process for polymerizing unsaturated compounds by conducting droplets through an aqueous medium with control of pressure fluctuations. 2,754,289, 7-10-56, Cl. 260—87.7.
- Meyer, Rudolf X. *See*—  
Scherer, Paul A., and Meyer. 2,749,871.
- Meyer, W. A.: *See*—  
Ellstrom, Elmer G. 2,758,776.
- Meyer, Walter. Method of binding books. 2,762,066, 9-11-56, Cl. 11—1.
- Meyer, Walter R., and H. J. Siekmann, to The R. K. Le Blond Machine Tool Co. Work handling apparatus for machine tools. 2,746,613, 5-22-56, Cl. 212—135.
- Meyer, Wendell J., to Pullman-Standard Car Mfg. Co. Cushioned underframe. 2,764,299, 9-25-56, Cl. 213—8.
- Meyer, Wendell J., A. J. Christian, and R. F. Antrim, to Pullman-Standard Car Mfg. Co. Car end plate construction. 2,754,771, 7-17-56, Cl. 105—410.
- Meyer, Werner T.: *See*—  
Land, William M., Jr., and Meyer. 2,737,502.
- Meyer, William: *See*—  
Krone, Howard C., and Meyer. 2,737,362.
- Krone, Howard C., and Meyer. 2,739,827.
- Krone, Howard C., Meyer, and Slawinski. 2,739,778.
- Krone, Howard C., Meyer, and Slawinski. 2,739,779.
- Meyer, William H., Jr., to the United States of America as represented by the United States Atomic Energy Commission. Leak detection apparatus. 2,766,442, 10-9-56, Cl. 340—242.
- Meyer, William J., Jr. Method of mass-producing paper "tear sheets" and the like. 2,741,308, 4-10-56, Cl. 164—17.
- Meyer, Wolfgang E., to The Texas Co. Fuel injection pump. 2,746,443, 2-2-56, Cl. 123—139.
- Meyer, Wolfgang E., to The Texas Co. Fuel injection pump. 2,764,964, 10-2-56, Cl. 123—139.
- Meyer, Wolfgang E., and R. H. Brand, to The Texas Co. Internal-combustion engines. 2,735,413, 2-21-56, Cl. 123—32.
- Meyersbach, Alfred, to The Pullman Machine Mfg. Co., Inc. Continuous drawing of stock. 2,742,144, 4-17-56, Cl. 205—22.
- Meyersdorf, C. The: *See*—  
Matthes, Carl F. 2,746,877.
- Matthes, Carl F. 2,746,893.
- Matthes, Carl F. 2,758,035.
- Poschel, Alfred B. 2,766,719.
- Meyerhans, August, and M. Christoffel, to Aktiengesellschaft Brown, Boveri & Cie. High voltage transformer. 2,772,403, 11-27-56, Cl. 336—70.
- Meyerhoefer, Carl E., to Lewyt Corp. Vacuum cleaner filter assembly. 2,730,192, 1-10-56, Cl. 183—51.
- Meyerhoff, Alan A., to the United States of America as represented by the Secretary of the Army. Phase modulation systems. 2,774,040, 12-11-56, Cl. 332—16.
- Meyerhoff, Alfred: *See*—  
Auman, Reiner J., and Meyerhoff. 2,762,250.
- Meyerink, Kori G., to Schick Inc. Electric shaver vibrator motor. 2,741,711, 4-10-56, Cl. 310—29.
- Meyer-Jagberg, Gunther, and W. Drese. Mechanical equipment for manufacturing, filling and sealing containers. 2,757,498, 8-7-56, Cl. 53—186.
- Meyers, Cecil C. Clothespin container. 2,763,310, 9-18-56, Cl. 150—1.8.
- Meyers, Charles O., to National Tank Co. Desiccant reconcentrator. 2,750,331, 6-12-56, Cl. 202—153.
- Meyers, Charles O., to National Tank Co. Methods and means for separating oil and gas. 2,765,045, 10-2-56, Cl. 183—27.
- Meyers, David. Measuring valve for pressure containers. 2,772,814, 12-4-56, Cl. 222—82.
- Meyers, Donald N.: *See*—  
Daland, Elliott, and Meyers. 2,748,876.
- Meyers, Donald N., and Z. M. Volkosz, to Vertol Aircraft Corp. Aircraft with retractable variable radius rotary wing. 2,749,059, 6-5-56, Cl. 244—7.
- Meyers, Douglas C., W. B. Banks, and L. E. Slagle, to Shell Development Co. Apparatus for automatically treating and metering oil field production. 2,773,556, 12-11-56, Cl. 183—27.
- Meyers, George D. Combined wading pool and play pen. 2,756,489, 7-24-56, Cl. 5—99.
- Meyers, John T., and W. Phillips, to Meyers-Phillips Co. Keyway cutting machine. 2,771,820, 11-27-56, Cl. 96—45.
- Meyers, Leonard J. Device inhibiting air from being sucked from inverted nursing bottles. 2,764,155, 9-25-56, Cl. 128—252.
- Meyers-Phillips Co.: *See*—  
Meyers, John V., and Phillips. 2,771,820.
- Meyers, Phyllis L. Infant's garment. 2,743,451, 5-1-56, Cl. 2—83.
- Meyers, Robert D., to Minneapolis-Honeywell Regulator Co. Fuel quantity measuring apparatus. 2,741,124, 4-10-56, Cl. 73—304.
- Meyers, Robert D., to Minneapolis-Honeywell Regulator Co. Tank unit. 2,754,457, 7-10-56, Cl. 317—246.
- Meyers, Sidney E., to Wood Conversion Co. Filterability test of suspensions of solids in a liquid. 2,734,378, 2-14-56, Cl. 73—63.
- Meyer-Saladin, Oskar E. Apparatus for the cleansing treatment of parts of the body. 2,757,668, 8-7-56, Cl. 128—173.
- Meyrick, Harold A., and W. E. Ellsworth. Illuminated sign structure. 2,772,496, 12-4-56, Cl. 40—130.
- Meysromme, Juliette: *See*—  
Rebichon, André. 2,746,601.
- Meyst, William: *See*—  
Fagan, Roscoe, and Meyst. 2,730,936.
- Mezger, Heinrich. Multi-point stapling machine with plurality of stapling units. 2,771,008, 11-27-56, Cl. 1—13.
- Miale, Joseph N.: *See*—  
Denton, William L., Garwood, and Miale. 2,768,121.
- Micallí A. G.: *See*—  
Wirth, Otto Jakob. 2,761,629.
- Michael, Edward L. Electrical potential indicator systems. 2,760,105, 8-21-56, Cl. 315—9.
- Michael, R. R., to D. M. Pennington and S. F. Jones. Diaper. 2,755,804, 7-24-56, Cl. 128—284.
- Michael, Robert B. Veterinary table. 2,773,477, 12-11-56, Cl. 119—103.
- Michaels, Fred G.: *See*—  
De Lew, Earl R., and Michaels. 2,748,084.
- Michaels, Harold A., to General Electric Co. Control circuits for electric fry kettles. 2,748,243, 5-29-56, Cl. 219—20.
- Michaels, Heinz: *See*—  
Müller, Erich, and Michaels. 2,766,720.
- Michaels, Karl. Wood-bending machine. 2,771,109, 11-20-56, Cl. 144—254.
- Michaels Art Bronze Co., Inc. The: *See*—  
Eames, James O., and Sanford. 2,749,978.
- Michaels, Harold A., to Egan Corp. Thermo-couple electronic circuits provided with feed-back to the thermo-couple. 2,730,618, 1-10-56, Cl. 250—27.
- Michaels, Walter E., to Industrial Molasses Corp. Pressure line coupling device. 2,758,611, 8-14-56, Cl. 137—614.
- Michalsky, Peter. Recessed door handle. 2,766,059, 10-8-56, Cl. 292—336.3.
- Michalsky, Peter. Press fastener. 2,770,023, 11-13-56, Cl. 24—153.
- Michad, Myrtle L. Cover for flush tank. 2,741,287, 4-10-56, Cl. 150—52.
- Michaux, William W., Jr. Handling system for leaf tobacco. 2,742,163, 4-17-56, Cl. 214—5.5.
- Michel, George H., C. E. Petersen, and M. C. Lochhart, to American Cyanamid Co. Tetracycline antibiotic zincocyanide complex. 2,736,735, 7-28-56, Cl. 260—429.
- Michel, Gino. Display and storage holder for containers. 2,738,881, 3-20-56, Cl. 211—49.
- Michel, Laurent P., and T. H. Goodgame, to Godfrey L. Cabot, Inc. Manufacture of iron oxide pigment. 2,771,344, 11-20-56, Cl. 23—200.
- Michel, Ross O., to General Motors Corp. Pneumatic bearing construction. 2,756,115, 7-24-56, Cl. 308—9.
- Michel, Rudolph H., to E. I. du Pont de Nemours and Co. Heat-shrinkable packaging material and process for preparing same. 2,762,720, 9-11-56, Cl. 117—65.
- Michelich, Edward F.: *See*—  
Collette, Robert P., and Michelich. 2,750,971.
- Michels, Antonius M. J. F., to Stamicarbon N. V. Piston and cylinder mechanism. 2,751,192, 1-17-56, Cl. 230—21.
- Michels, Antonius M. J. F., to W. C. 't Hart & Zn Instru-mentenfabriek N. V. Testing device for fluid pressure gauge. 2,766,612, 10-16-56, Cl. 73—4.
- Michels, Julian G.: *See*—  
Gever, Gabriel, and Michels. 2,746,960.
- Michels, Lawrence, to Giffilan Bros., Inc. Low frequency noise generator. 2,753,453, 7-3-56, Cl. 250—36.
- Michels, Willie, to R. R. Kuhn. Rocking horse. 2,755,087, 7-17-56, Cl. 272—52.
- Michelson, Henry, to General Motors Corp. Bearings. 2,738,238, 3-13-56, Cl. 308—9.
- Michelson, Julius. Drill sharpening fixture. 2,736,147, 2-28-56, Cl. 51—219.
- Michelson, Leonard C.: *See*—  
Fowler, Norman W., and Michelson. 2,773,426.
- Michener, Ben C.: *See*—  
Fordyce, Charles R., and Michener. 2,735,771.
- Michener, Elliott W.: *See*—  
Franseen, Richard C., and Michener. 2,768,772.
- Michie, John S., to The Reliance Electric and Engineering Co. Expandable V-pulley. 2,745,291, 5-15-56, Cl. 74—230.17.
- Michie, John S., and A. L. Everrood, to The Reliance Electric and Engineering Co. Lubricated expandable V-pulley structure. 2,746,816, 5-22-56, Cl. 308—5.
- Michiel, Joseph. Dispensing device for packaged merchandise. 2,774,467, 12-18-56, Cl. 206—44.12.
- Michigan Book Binding Co.: *See*—  
Douglas, Alfred D. 2,739,825.



- Michigan Chemical Corp.: *See*—  
Wohlers, Herbert C., Grover, Lentz, and Pauling. 2,730,194.  
Wohlers, Herbert C., and Lentz. 2,768,173.  
Wohlers, Herbert C., Pauling, and Grover. 2,733,264.
- Michigan Lead Co.: *See*—  
Sibley, James W. 2,736,952.
- Michigan Tool Co.: *See*—  
Carlsen, William R. 2,749,802.  
Moncrieff, Alexander D. F. 2,736,238.  
Moncrieff, Alexander D. F. 2,769,375.  
Moncrieff, Alexander D. F. 2,770,171.
- Michelin, Carl P., to The Shelton Tack Co. Electromagnetic rivet setting machine. 2,752,061, 6-26-56, Cl. 218—2.
- Michler, Robert W. Method of etching metals. 2,730,435, 1-1-56, Cl. 41—43.
- Michlin, Hyman A. Electroluminescent light means. 2,730,644, 1-10-56, Cl. 313—108.
- Michonski, George J. Expandable dog leash. 2,737,154, 3-6-56, Cl. 119—109.
- Mickelberg, Samuel. Lighter. 2,729,086, 1-3-56, Cl. 67—7.1.
- Mickelsen, Carl W., to Pyrene C-O-Two Corp. Cartridge closure with orifice strainer. 2,741,319, 4-10-56, Cl. 169—31.
- Mickelsen, John W. Sheet metal awnings. 2,740,174, 4-3-56, Cl. 20—57.5.
- Mickelsen, Niels C. Transfer calipers. 2,739,388, 3-27-56, Cl. 33—153.
- Micro Balancing, Inc.: *See*—  
Frank, Karl. 2,748,223.  
Frank, Karl. 2,754,434.  
Frank, Karl. 2,756,349.
- Microcell Ltd.: *See*—  
Bennison, Henry G. 2,747,908.
- Microcyomat Co., The: *See*—  
Lecher, Joseph. 2,752,097.  
Lykken, Henry G. 2,741,366.  
Lykken, Henry G. 2,754,967.  
Lykken, Henry G., and Rozsa. 2,762,572.
- Micromatic Hone Corp.: *See*—  
Fodor, Nicholas, and Dreisin. 2,766,962.  
Peden, Douglas T. 2,747,336.  
Peden, Douglas T. 2,752,733.
- Micro-Moisture Controls, Inc.: *See*—  
Inman, Hollis C. 2,735,907.  
Inman, Hollis C. 2,753,508.  
Sanford, Alan C., and Gill. 2,758,834.
- Micro-Poise Engineering and Sales Co.: *See*—  
Lannen, Joseph P. 2,747,411.
- Midcontinent Adhesive Co.: *See*—  
Strachan, Allister. 2,731,378.
- Middendorf, Henry B., to Scaffold Equipment Co. Elevating platform structure. 2,750,236, 6-12-56, Cl. 304—29.
- Middendorf, William H.: *See*—  
Ritter, Eugen J., and Middendorf. 2,745,779.
- Middlebrooks, Billy M., to Minute Maid Corp. Apparatus for blending oranges. 2,765,066, 10-2-56, Cl. 198—54.
- Middlewich, Lyman, Jr., to the United States of America as represented by the Secretary of the Army. Winch with after drag rollers. 2,773,587, 12-11-56, Cl. 203—200.
- Middlemark, Marvin P. Directional antenna systems. 2,749,543, 6-5-56, Cl. 343—724.
- Middlemark, Marvin P. Indoor television antennas. 2,749,587, 7-3-56, Cl. 343—805.
- Middlestadt, Fred J. Strip handling device. 2,757,736, 8-7-56, Cl. 164—102.
- Middleton, Arthur R. Screw anchor driving device. 2,753,743, 7-10-56, Cl. 81—53.
- Middleton, Donald R.: *See*—  
Bixby, William H. 2,733,402.  
Bixby, William H. 2,752,551.  
Bixby, William H. 2,774,930.
- Middleton, Forest L., to Superior Machine & Tool, Inc. Rod or tube bending machine. 2,762,416, 9-11-56, Cl. 153—45.
- Middleton, William H., to C. W. Earl. Releasable coupling for well tools. 2,775,306, 12-25-56, Cl. 168—219.
- Middleton, William J.: *See*—  
Engelhardt, Vaughn A., and Middleton. 2,766,270.
- Middleton, William J., to E. I. du Pont de Nemours and Co. Acyclic polyacrylonitrile-containing, unsaturated compounds and preparation thereof. 2,762,811, 9-11-56, Cl. 260—286.
- Middleton, William J., to E. I. du Pont de Nemours and Co. Alpha-(1,1,2,2-tetracyanoethyl) ketones and their preparation. 2,762,837, 9-11-56, Cl. 260—465.8.
- Middleton, William J., to E. I. du Pont de Nemours and Co. Method of preparing tricyanovinyl alcohol and heavy metal salts thereof, heavy metal salts and hydrates of the alcohol and method of using the heavy metal salt as a heat recording coating composition. 2,766,135, 10-9-56, Cl. 117—37.
- Middleton, William J., to E. I. du Pont de Nemours and Co. Acyclic, polyacrylonitrile-containing, unsaturated compound and its salts, and preparation thereof. 2,766,243, 10-9-56, Cl. 260—270.
- Middleton, William J., to E. I. du Pont de Nemours and Co. Acyclic, polyacrylonitrile-containing, unsaturated compounds and preparation thereof. 2,766,246, 10-9-56, Cl. 260—286.
- Middleton, William J., to E. I. du Pont de Nemours and Co. Acyclic, polyacrylonitrile-containing, unsaturated compounds and preparation thereof. 2,766,247, 10-9-56, Cl. 260—286.
- Midgley, Albert H.: *See*—  
Midgley, Albert M. 2,729,985.
- Midgley, Albert M., 1/2 to A. H. Midgley. Electric switch operator. 2,729,985, 1-10-56, Cl. 74—504.
- Midland Chemical Corp.: *See*—  
Drummond, Folsom E. 2,765,237.  
Drummond, Folsom E. 2,768,993.  
Novak, Leo J., and Hogue. 2,746,906.  
Toulmin, Harry A., Jr. 2,731,375.  
Toulmin, Harry A., Jr. 2,744,044.  
Toulmin, Harry A., Jr. 2,731,432.  
Toulmin, Harry A., Jr. 2,758,983.
- Midland Co., The: *See*—  
Halladay, Mervil. 2,747,491.
- Midland Discount Co.: *See*—  
Bone, Evan P. 2,753,487.
- Mid-States Gunned Paper Co.: *See*—  
Humphrey, Ferdinand W. 2,771,385.
- Mid-States Mfg. Corp., Inc.: *See*—  
Gaston, Ralph E. 2,742,097.
- Mid-West Abrasive Co.: *See*—  
Muehling, Anthony A. 2,741,070.  
Muehling, Anthony A. 2,750,714.
- Midwest Automatic Valve Co.: *See*—  
Stout, Glenn M., and J. M., and Cooper. 2,732,167.
- Mid-West Bottle Cap Co.: *See*—  
Ray, Floyd A. 2,734,674.  
Wenzel, Clyde L. 2,738,089.
- Midwest Glove Co., Inc.: *See*—  
Appelbaum, Sol, and Bergso. 2,749,448.
- Midwest Insulations, Inc.: *See*—  
Downey, Richard M. 2,729,849.
- Midwest Metal Products Co.: *See*—  
Smith, Earl P. 2,738,743.
- Mid-West Mower Corp.: *See*—  
Rudman, Oscar S. 2,760,589.
- Midwest Rubber Co.: *See*—  
Kurt, Winfred A. 2,753,876.  
Kurt, Winfred A. 2,755,810.
- Midwest Supply & Mfg. Co.: *See*—  
Lane, Harold A. 2,748,546.  
Thiel, Otto. 2,747,421.
- Mieczkowski, Robert W., and T. S. Air control apparatus. 2,750,868, 6-19-56, Cl. 98—116.
- Mieczkowski, Thaddeus S.: *See*—  
Mieczkowski, Robert W., and T. S. 2,750,868.
- Miedke, Robert C.: *See*—  
Werth, Willard F., and Miedke. 2,735,012.
- Miegel, Ralph E., to E. I. du Pont de Nemours and Co. Polymerization of DL-alanine carbonhydrate and orientation of polymers. 2,729,621, Cl. 260—77.5.
- Miegel, Ralph E., C. G. Niemann, and J. C. Sauer, to E. I. du Pont de Nemours and Co. Vinyl esters of N-carbacyl-alpha-monoamino-monocarboxylic acids, their preparation and polymers thereof. 2,733,233, 1-31-56, Cl. 260—89.1.
- Miehe, William H. F., to Metal & Thermit Corp. Detinning apparatus. 2,762,620, 9-11-56, Cl. 266—1.
- Miehle Printing Press & Mfg. Co.: *See*—  
Baker, Leonard, Holmes, and Williams. 2,775,448.  
Ellsworth, Russell S. 2,775,050.  
Jacobson, Arthur G., and Kaddeland. 2,767,790.  
Kaddeland, Christen R. 2,754,118.  
Rensselaer, Clifford P., and Williams. 2,774,487.
- Mieras, Spencer H., and R. H. Wheeler, to F. L. Jacobs Co. Pivotal mounting for a vehicle ventilating window. 2,743,131, 4-24-56, Cl. 296—44.
- Miers, Jackson C., to the United States of America, as represented by the Secretary of Agriculture. Production of potato granules. 2,742,847, 4-24-56, Cl. 99—207.
- Miersch, Raymond E.: *See*—  
Rodgers, Nelson E., Henika, and Miersch. 2,755,232.
- Mies, Carl P., Jr. Apparatus for purifying edible oils. 2,760,645, 8-28-56, Cl. 210—150.
- Mies, Carl P., Jr., and A. C. Krackauer. Filtering apparatus. 2,760,641, 8-28-56, Cl. 210—94.
- Miesch, Georges A., to Societe d'Exploitation des Procédes Serix. Drive mechanism. 2,751,792, 6-26-56, Cl. 74—436.
- Miescher, Karl, and P. Wieland, to Ciba Pharmaceutical Products, Inc. Furane-2-carboxylic acid esters of 2,21-ketals of the pyrene series. 2,754,056, 2-7-56, Cl. 260—239.55.
- Miescher, Karl, and A. Marxer, to Ciba Pharmaceutical Products, Inc. Quaternary azacycloalkane compounds. 2,758,114, 8-7-56, Cl. 260—247.5.
- Miessner, Benjamin F. Implement for using fluid inks. 2,753,845, 7-10-56, Cl. 120—48.
- Miessner, Benjamin F. Fountain pen with valve normally closing the air-and-ink tube. 2,753,846, 7-10-56, Cl. 120—48.
- Miessner, Benjamin F., to Miessner Inventions, Inc. Vibratory reed. 2,755,897, 7-24-56, Cl. 84—402.
- Miessner, Benjamin F., to Miessner Inventions, Inc. Electrical tone generator. 2,761,127, 8-28-56, Cl. 340—384.
- Miessner, Benjamin F., to Miessner Inventions, Inc. Vibrator exciting action. 2,767,608, 10-23-56, Cl. 84—236.
- Miessner, Benjamin F. Non-flooding fountain pen. 2,771,059, 11-20-56, Cl. 120—48.
- Miessner Inventions, Inc.: *See*—  
Miessner, Benjamin F. 2,755,897.  
Miessner, Benjamin F. 2,761,127.  
Miessner, Benjamin F. 2,767,608.
- Mietz, Raymond E.: *See*—  
Mietz, Raymond, Clarence R., and Mietz. 2,767,152.
- Mietzsch, Fritz: *See*—  
Behnisch, Robert, Mietzsch, and Schmidt. 2,775,593.
- Mifflin, Leo V., to Collins Radio Co. Inductance corrector. 2,731,608, 1-17-56, Cl. 336—130.

- Mihalakis, Agis I., to Glowmeter Corp. Projection indicating and viewing instrument assembly. 2,737,840, 3-13-56, Cl. 88-24.
- Mihalakis, Agis I., to Glowmeter Corp. Projected warning signals for vehicles. 2,738,490, 3-13-56, Cl. 340-27.
- Mihalakis, Agis I., to Glowmeter Corp. Projected warning signal device for airplanes. 2,738,491, 3-13-56, Cl. 340-27.
- Mihalko, Alex., and H. L. Arnhart. Electric power driven fishing reel. 2,760,736, 8-28-56, Cl. 242-84.5.
- Mihalyi, Joseph, to Eastman Kodak Co. Motion-picture camera. 2,735,332, 2-21-56, Cl. 85-16.
- Mihalyi, Joseph, to Eastman Kodak Co. Chamber closing member. 2,735,772, 2-21-56, Cl. 95-31.
- Mihalyi, Joseph, to Eastman Kodak Co. Apparatus for continuous motion picture projection. 2,771,812, 11-27-56, Cl. 88-16.8.
- Mihalyi, Joseph, to Eastman Kodak Co. Apparatus for continuous motion picture projection. 2,771,813, 11-27-56, Cl. 88-16.8.
- Mihok, Andrew. Combination window structure. 2,728,960, 2-21-56, Cl. 20-53.
- Mihran, Theodore G., and T. C. Swartz, to General Electric Co. Combined vacuum seal and electrode terminal. 2,773,570, 12-11-56, Cl. 189-36.5.
- Mij, tot Verwerving en Expt. van Davitcetrooien Davit-Co. N. V., See—
- De Munck, Arnoldus. 2,743,655.
- Le Gen, Marinus. 2,768,811.
- Mika, Stanley E. Sure lock connectors. 2,750,573, 6-12-56, Cl. 339-250.
- Mika, Stanley E. Measuring inserts. 2,760,693, 8-28-56, Cl. 222-454.
- Mika, Thomas F., See—
- Tess, Roy W. H., and Mika. 2,729,609.
- Mika, Thomas F., and R. D. Sullivan, to Shell Development Co. Resinous products plasticized with epoxidized long chain polybasic acid esters. 2,764,497, 9-25-56, Cl. 106-176.
- Mikeska, Louis A., See—
- Cohen, Charles A., and Mikeska. Re. 2,741,923.
- Cohen, Charles A., and Mikeska. 2,734,923.
- Wasson, Jones I., and Mikeska. 2,754,269.
- Mikeska, Louis A., to Esso Research and Engineering Co. Blending agents for mineral oils. 2,738,971, 8-14-56, Cl. 252-32.7.
- Mikeska, Louis A., and P. V. Smith, Jr., to Esso Research and Engineering Co. Synthetic lubricants. 2,750,342, 6-12-56, Cl. 252-46.6.
- Miklan, Ernest E., to Western Electric Co. Inc. Tool for winding wire terminals. 2,758,797, 8-14-56, Cl. 242-57.
- Miklos, Zoltan V., to General Electric Co. Base scraping apparatus. 2,760,409, 8-28-56, Cl. 90-24.
- Mikrovaerk A/S, See—
- Frazz, Ove E. 2,760,448.
- Mikulak, John, and H. Wotitzky, to Worthington Corp. Welding head positioner. 2,749,421, 6-5-56, Cl. 219-8.
- Milan, Daniel A. Sprinkling system. 2,734,583, 2-14-56, Cl. 169-5.
- Milan Industries Co., See—
- Milan, Joseph M. 2,757,761.
- Milan, Joseph M., to Milan Industries Co. Self-energizing disc type wheel brake. 2,757,761, 8-7-56, Cl. 188-73.
- Milazzo, Victor. Badge or button. 2,762,146, 9-11-56, Cl. 40-1.5.
- Milberger, Ernest C., See—
- Jones, Arthur L., and Milberger. 2,741,643.
- Jones, Arthur L., and Milberger. 2,742,154.
- Milbers, Arthur, and K. Sondermann, to Metallgesellschaft Aktiengesellschaft. Process of and apparatus for refining oils or fats. 2,733,253, 1-31-56, Cl. 260-42.5.
- Miles, Charles C. Jr., to F. L. Jacobs Co. Door mounted ash tray. 2,743,008, 4-24-56, Cl. 206-19.5.
- Miles, Charlie A., to Standard Hosiery Mills, Inc. Heel structure for full fashioned stockings and method. 2,729,958, 1-10-56, Cl. 66-178.
- Miles, Edward E., See—
- Bowles, Ernest G., and Miles. 2,749,847.
- Bowtell, James N., and Miles. 2,740,914.
- Miles, Elburn S., See—
- Hebard, Glen G., and Miles. 2,753,941.
- Miles, George N., See—
- MacCracken, Calvin D., Miles, and Ashidate. 2,773,488.
- Miles, George N., to Jet Heat, Inc. Gas fired heating system. 2,744,517, 5-8-56, Cl. 126-110.
- Miles, George S., to Bendix Aviation Corp. Electron discharge tube. 2,750,560, 6-12-56, Cl. 324-33.
- Miles, George S., to Bendix Aviation Corp. Edge illuminated panel. 2,742,498, 12-4-56, Cl. 40-130.
- Miles, James G., to Sperry Rand Corp. Saturable core circuits for counting and the like. 2,731,203, 1-17-56, Cl. 235-92.
- Miles, John, and Partners (London) Ltd., See—
- Hookham, George. 2,737,409.
- Miles, John A. Cathodic protection regulator. 2,759,887, 8-21-56, Cl. 204-196.
- Miles, John M., See—
- Kulikowski, Edwin F., Miles, and Fitzgerald. 2,745,016.
- Miles, Joseph W., to International Business Machines Corp. Protective systems for the time recorder motors. 2,731,524, 1-17-56, Cl. 200-33.
- Miles Laboratories, Inc., See—
- Fancher, Otis E. 2,734,082.
- Fancher, Otis E., and Stauffer. 2,748,148.
- Miles Mfg. Corp., See—
- Manwaring, Joshua G. D. 2,757,266.
- Miles, Richard D. Noise-making toy device. 2,735,220, 2-21-56, Cl. 46-17.5.
- Miles, Roscoe C., to General Electric Co. Automatic refrigerator control. 2,741,097, 4-10-56, Cl. 62-4.
- Miles, Theodore, See—
- Burner, Marshall C., and Miles. 2,747,511.
- Miles, Theodore, to Phillips Petroleum Co. Apparatus for developing underwater reservoirs. 2,747,840, 5-29-56, Cl. 255-2.5.
- Miles, Thomas R., See—
- Work, William B., and Miles. 2,748,046.
- Miles, Vivien S., See—
- Moser, Robert C. 2,751,896.
- Miles, William B. Rotary printing machine with flat printing plate. 2,775,110, 12-35-56, Cl. 101-1.
- Miley, Allie A. Holders in which stutle ampules may be broken. 2,731,142, 1-17-56, Cl. 206-1.
- Miley, Maynard E., See—
- Ferneau, Richard H., and Miley. 2,747,919.
- Milford, Raymond E., to General Electric Co. Automatic container inspection equipment. 2,742,151, 4-17-56, Cl. 209-111.
- Milions, Jerry P., and P. Adams, to American Cyanamid Co. Preparation of N,N-diallyl urea. 2,734,083, 2-7-56, Cl. 260-59.3.
- Miljevich, Stephen. Brush Wiper. 2,742,180, 4-17-56, Cl. 220-90.
- Milks, Warren N., to The Dow Chemical Co. Fluorination of haloalkanes with a catalyst containing gamma alumina. 2,734,147, 3-1-56, Cl. 260-653.
- Millage, Donald R., See—
- Brown, Henry, and Millage. 2,750,335.
- Brown, Henry, and Millage. 2,750,337.
- Millar, John H. End fitting for flexible hose having a reinforcement layer. 2,733,940, 2-7-56, Cl. 285-72.
- Millar, Ronald L., to The Glidden Co. Alkyd-modified siloxane coating composition. 2,768,149, 10-23-56, Cl. 260-33.6.
- Millar, Ronald L., C. G. Moore, and N. G. Peterson, to The Glidden Co. Silane derivative-oxide resin composition and coatings thereof. 2,768,150, 10-23-56, Cl. 260-42.
- Millard, Arnold A. Abrasive disc or gasket outer mounted for rotation about a spindle. 2,735,486, 2-21-56, Cl. 164-71.
- Millard, John J.,  $\frac{1}{2}$  to F. G. Yost, and  $\frac{1}{2}$  to G. L. Fowler. Fill cap cover. 2,741,393, 4-10-56, Cl. 220-24.5.
- Millard, Ralph S., See—
- Johnson, Robert C., Millard, and Carlson. 2,766,855.
- Johnson, Robert C., Millard, and Carlson. 2,766,858.
- Mills, Jos6 C. Fountain pen. 2,734,485, 2-14-56, Cl. 120-47.
- Millenson, Morton B., to The M. W. Kellogg Co. Electric spot resistance welding apparatus. 2,734,980, 2-14-56, Cl. 219-4.
- Miller, Albert, to Seattle Quilt Mfg. Co. Inc. Hood-forming attachment for sleeping bags. 2,757,390, 8-7-56, Cl. 5-34.3.
- Miller, Albert A., to Self-Changing Gears Ltd. Centrifugally operated friction clutches. 2,730,216, 1-10-56, Cl. 192-48.
- Miller, Albert H. Bathtub and shower enclosures. 2,766,857, 10-16-56, Cl. 189-16.
- Miller, Albert B.,  $\frac{1}{2}$  to Fay G. Johnson. Ice making apparatus. 2,771,749, 11-27-56, Cl. 62-7.
- Miller, Alexander A., and F. R. Mayo, to General Electric Co. Method of making carbonyl compounds by decomposing polymeric vinyl peroxides. 2,767,298, 10-16-56, Cl. 260-48.3.
- Miller, Alf R., and L. Frederickson. Tire capping machine. 2,740,460, 4-3-56, Cl. 154-9.
- Miller, Alfred E. Automatic shaving brush head. 2,756,908, 7-31-56, Cl. 222-394.
- Miller, Alfred L., to Celanese Corp. of America. Production of copolymers. 2,741,652, 4-10-56, Cl. 260-85.5.
- Miller, Arthur E., to Scott Aviation Corp. Demand pressure control. 2,760,507, 8-28-56, Cl. 137-64.
- Miller, Aubrey B., See—
- Hasbrouck, Augustus, and Miller. 2,753,140.
- Miller, August E. Piezoelectric crystal oven. 2,747,069, 5-22-56, Cl. 219-19.
- Miller, Benjamin A., See—
- Harkenrider, Robert J. 2,747,952.
- Harkenrider, Robert J. 2,762,665.
- Harkenrider, Robert J. 2,762,667.
- Miller, Boyd R. Grain drill loader attachment for trucks. 2,761,097, 6-19-56, Cl. 214-83.32.
- Miller, Bruce D., See—
- Bolanowski, John P., Miller, Reigel, and Sutton. 2,766,765.
- Miller, Bruce D., to National Cylinder Gas Co. Molding and dispensing of plastic materials. 2,774,104, 12-18-56, Cl. 18-5.
- Miller, Bruce D., and C. E. McMichael, to National Cylinder Gas Co. Equipment for use in treating oil by steam stripping. 2,743,915, 5-1-56, Cl. 201-121.
- Miller, Carl I., to Madison Mfg. Co. Adjustable boring cutter. 2,742,800, 4-24-56, Cl. 77-58.
- Miller, Carl S., to Minnesota Mining and Mfg. Co. Thermo-printing apparatus. 2,740,895, 4-3-56, Cl. 250-65.
- Miller, Carl S., to Minnesota Mining & Mfg. Co. Method of using heat sensitive copying paper. 2,740,896, 4-3-56, Cl. 250-65.
- Miller, Carlton W., to the United States of America as represented by the Secretary of the Navy. Wind resolution apparatus. 2,749,039, 6-5-56, Cl. 235-61.5.



- Miller, Carroll de V., and F. N. Becker, to The American Monorail Co. Apparatus for automatically removing lint from above and below the warp of textile looms. 2,729,845, 1-10-56, Cl. 15-312.
- Miller, Carroll E., to Cone Automatic Machine Co., Inc. Automatic lathe. 2,728,974, 1-3-56, Cl. 29-443.
- Miller, Charles B.: *See—*
- Calfee, John D., and Miller. 2,734,090.
- Calfee, John D., and Miller. 2,767,227.
- Calfee, John D., Miller, and Smith. 2,755,313.
- Miller, Charles B., and C. Woolf, to Allied Chemical & Dye Corp. Manufacture of fluorochloroacetyl halide. 2,741,634, 4-10-56, Cl. 260-544.
- Miller, Charles B., and J. D. Calfee, to Allied Chemical & Dye Corp. Fluorination. 2,748,177, 5-29-56, Cl. 260-653.
- Miller, Charles D., to The Springs Cotton Mills. Setting gauge for mote knife brackets. 2,769,243, 11-6-56, Cl. 33-181.
- Miller, Charles E.: *See—*
- Bowman, Wade V., and Miller. 2,759,283.
- McCarron, Robert A., and Miller. 2,758,279.
- Thorwaldson, Bjorn. 2,763,491.
- Miller, Charles E. Duplex facsimile apparatus. 2,747,014, 5-2-56, Cl. 173-63.
- Miller, Charles G. Panel fastener. 2,753,610, 7-10-56, Cl. 24-221.
- Miller, Charles H., to The Goodyear Tire & Rubber Co. Venting of foamed latex molds. 2,752,635, 7-3-56, Cl. 13-39.
- Miller, Charles L., and W. A. Miller. Mobile fence. 2,766,016, 10-9-56, Cl. 256-21.
- Miller, Charles S., E. L. Engelhardt, and J. T. Gordon, to Merck & Co., Inc. Dihydrooroic acid. 2,753,347, 7-3-56, Cl. 260-260.
- Miller, Charles S., E. L. Engelhardt, and J. T. Gordon, to Merck & Co., Inc. Dihydrooroic acid. 2,753,348, 7-3-56, Cl. 260-260.
- Miller, Charles S., E. L. Engelhardt, and J. T. Gordon, to Merck & Co., Inc. Dihydrooroic acid. 2,773,872, 12-11-56, Cl. 260-260.
- Miller, Charles U.: *See—*
- Falge, Robert N., Miller, and Onksen. 2,760,114.
- Miller, Charles W.: *See—*
- Falge, Robert N., Onksen, Todd, and Miller. 2,762,932.
- Miller, James E., Miller, and Todd. 2,741,737.
- Onksen, George W., Jr., and Miller. 2,754,452.
- Onksen, George W., Jr., Miller, and Falge. 2,762,930.
- Miller, Charles W., to General Motors Corp. Power supply system. 2,740,902, 4-3-56, Cl. 250-214.
- Miller, Charles W., and G. W. Onksen, to General Motors Corp. Automatic headlight dimmer system-cathode resistor bias. 2,742,592, 4-17-56, Cl. 315-33.
- Miller, Charles W., H. E. Todd, and G. W. Onksen, to General Motors Corp. Automatic headlight dimmer system. 2,767,347, 10-16-56, Cl. 315-33.
- Miller, Charles W., and H. E. Todd, to General Motors Corp. Automatic headlight dimmer system high voltage switching. 2,771,569, 11-20-56, Cl. 315-33.
- Miller, Clark O., to Cleveland Industrial Research, Inc. Method of pickling iron and recovering pickling agent. 2,769,735, 11-6-56, Cl. 134-13.
- Miller, Claud T., and W. B. Walker, Jr.: said Walker assor. to said Miller. Transfer apparatus. 2,760,290, 8-28-56, Cl. 41-1.
- Miller, Coleman J., to Westinghouse Electric Corp. High-frequency apparatus. 2,773,215, 12-4-56, Cl. 315-41.
- Miller, Coleman J., and F. M. Krantz, to the United States of America as represented by the Secretary of the Navy. Flexible wave guide coupling. 2,745,071, 5-8-56, Cl. 333-98.
- Miller Co., The: *See—*
- Naysmith, Shirley R. 2,734,127.
- Runge, Richard M. 2,762,598.
- Miller, Dale W.: *See—*
- Hendrix, Sylvan G., and Miller. 2,761,520.
- Moore, Richard E., Detamore, Brooks, and Miller. 2,756,012.
- Moore, Richard E., and Miller. 2,737,253.
- Moore, Richard E., and Miller. 2,745,500.
- Miller, Dale W., C. C. Covert, D. E. Royer, and M. Demido, to General Motors Corp. Propeller control with pitch lock. 2,748,877, 6-5-56, Cl. 170-160.21.
- Miller, Delbert V.: *See—*
- Sackett, James J., Mead, and Miller. 2,748,025.
- Miller, Delmer E. Tractor seats. Re. 2,4217, 9-18-56, Cl. 155-121.
- Miller, Dennis. Hydraulic transmissions. 2,747,432, 5-29-56, Cl. 74-774.
- Miller-Deutscher Corp.: *See—*
- Miller, Julius. 2,773,432.
- Miller, Donald F., to E. L. du Pont de Nemours and Co. Apparatus for stretching webs. 2,755,533, 7-24-56, Cl. 26-57.
- Miller, Donald L.: *See—*
- Buxton, James E., and Miller. 2,753,720.
- Miller, Donald L., to Bendix Aviation Corp. Starter gearing for internal combustion engines. 2,745,289, 5-15-56, Cl. 74-6.
- Miller, Donald M.: *See—*
- Settergren, Roy T., and Miller. 2,734,661.
- Miller, Donald M. Automatic control for screw operated press. 2,770,862, 11-20-56, Cl. 25-42.
- Miller, Donald W.: *See—*
- Clarkson, Alick, and Miller. 2,751,894.
- Miller, Earl M., to Cook Coffee Co. Method and apparatus for treating coffee roaster exhaust gas. 2,769,504, 11-6-56, Cl. 183-6.
- Miller, Earle C., to Riley Stoker Corp. Fuel burning system. 2,763,221, 9-18-56, Cl. 110-52.
- Miller, Earle C., to Riley Stoker Corp. Fuel feeder. 2,773,629, 12-11-56, Cl. 222-226.
- Miller, Earle C., and L. V. Andrews, to Riley Stoker Corp. Fly-ash reinjection. 2,750,903, 6-19-56, Cl. 110-165.
- Miller, Edward D., and J. L. Driscoll. Cigarette extinguisher. 2,771,886, 11-27-56, Cl. 131-250.
- Miller, Edward D., to The Hart Mfg. Co. Fastener for retaining a casing in a panel. 2,730,688, 1-10-56, Cl. 339-128.
- Miller, Edward M., to The C. L. Gougler Machine Co. Lock housing. 2,756,582, 7-31-56, Cl. 70-443.
- Miller, Edward W., to The Fellows Gear Shaper Co. Work and die positioning mechanism. 2,730,929, 1-17-56, Cl. 90-7.
- Miller, Edward W., to The Fellows Gear Shaper Co. Gear cutting machine. 2,749,803, 6-12-56, Cl. 90-1.6.
- Miller, Edward W., to The Fellows Gear Shaper Co. Reversing feed gear shaping method. 2,756,642, 7-31-56, Cl. 90.
- Miller, Elliot A., to Odora Co., Inc. Sliding closure for cabinets. 2,767,787, 10-23-56, Cl. 160-363.
- Miller, Elmer C.: *See—*
- Hutchins, Joseph W., and Miller. 2,765,409.
- Miller, Elmer C., to Phillips Petroleum Co. Analyzer. 2,750,511, 6-12-56, Cl. 250-435.
- Miller, Elmer C., to Phillips Petroleum Co. Analyzer. 2,756,342, 7-24-56, Cl. 250-435.
- Miller, Elmer C., to Phillips Petroleum Co. Analyzer. 2,764,922, 9-25-56, Cl. 250-435.
- Miller, Elmer C., and D. E. Berger, to Phillips Petroleum Co. Controlling heat value of a fuel gas in a gas separation system. 2,771,149, 11-20-56, Cl. 183-2.
- Miller, Emery P.: *See—*
- Ransburg, Edwin M., and Miller. 2,736,671.
- Miller, Emery P., to Ransburg Electro-Coating Corp. Electrostatic coating apparatus. 2,741,218, 4-10-56, Cl. 118-31.
- Miller, Emery P., to Ransburg Electro-Coating Corp. Apparatus and method of electrostatic powdering. 2,748,018, 5-29-56, Cl. 117-17.
- Miller, Emery P., to Ransburg Electro-Coating Corp. Apparatus for coating. 2,770,210, 11-13-56, Cl. 118-7.
- Miller, Ernest B.: *See—*
- Ringo, Dan, and Miller. 2,751,032.
- Ringo, Dan, and Miller. 2,751,034.
- Miller, Ernest B., to Jefferson Lake Sulphur Co. Cyclic adsorption process. 2,739,669, 3-27-56, Cl. 183-114.2.
- Miller, Ernest B., to Jefferson Lake Sulphur Co. Cyclic adsorption process. 2,739,670, 3-27-56, Cl. 183-114.2.
- Miller, Ernest B., to Jefferson Lake Sulphur Co. Recovery of elemental sulphur from gases containing H<sub>2</sub>S. 2,742,346, 1-17-56, Cl. 183-225.
- Miller, Ernest B., to Jefferson Lake Sulphur Co. Fluid treating apparatus. 2,751,033, 6-19-56, Cl. 183-4.6.
- Miller, Ernest B., to Jefferson Lake Sulphur Co. Method of removing water vapor and recovering condensable hydrocarbons from natural gas under high pressure. 2,759,560, 8-21-56, Cl. 183-4.2.
- Miller, Ernest B., to Jefferson Lake Sulphur Co. Method of recovering H<sub>2</sub>S from natural gas. 2,771,964, 11-27-56, Cl. 183-114.2.
- Miller, Floyd F.: *See—*
- Gilbert, Harry, and Miller. 2,740,769.
- Gilbert, Harry, and Miller. 2,740,770.
- Gilbert, Harry, and Miller. 2,745,814.
- Miller Fluid Power Co.: *See—*
- Dugle, Thomas E. 2,740,381.
- Miller, Francis B., to Mercury Engineering Corp. Guide rail structure for machine tools. 2,730,306, 1-10-56, Cl. 238-281.
- Miller, Frank N. Single-control variable phase-shift network. 2,758,219, 8-7-56, Cl. 307-12.
- Miller, Frank W., to Yarnall-Waring Co. Liquid level gage. 2,773,567, 12-1-56, Cl. 78-330.
- Miller, Frederick B.: *See—*
- Miller, L. E. Flexible thrust coupling. 2,733,580, 2-7-56, Cl. 64-15.
- Miller, Frederick B., to Goodman Mfg. Co. Automatic feed pressure control for telescopic stoper leg. 2,754,804, 7-17-56, Cl. 121-8.
- Miller, Frederick B., to Goodman Mfg. Co. Torque responsive planetary transmission mechanism. 2,764,903, 10-2-56, Cl. 74-751.
- Miller, Frederick B., deceased; M. W. Miller, also known as M. Warthen, executrix. Mining machine for planing coal from an underground face. 2,767,969, 10-25-56, Cl. 262-9.
- Miller, Frederick B., to Goodman Mfg. Co. Takeup device for articulated conveyors and cushioning means therefor. 2,770,353, 11-13-56, Cl. 198-109.
- Miller, Frederick B., to Goodman Mfg. Co. Extensible rotary cutter bar for boring type miner. 2,770,448, 11-13-56, Cl. 262-7.
- Miller, Frederick B., to Goodman Mfg. Co. Drilling system. 2,771,272, 11-20-56, Cl. 255-50.
- Miller, Frederick E.: *See—*
- Welsh, Matilda D., and Miller. 2,744,760.
- Welsh, Matilda D., and Miller. 2,758,634.
- Miller, Frederick J.: *See—*
- Miller, George L. 2,748,334.

- Miller, Frederick J. L. : *See*—  
 Robinson, Joseph N., Miller, and McDonnell. 2,768,168.
- Miller, George : *See*—  
 Gofrey, Frank C., and Miller. 2,755,169.
- Sariti, Walter, and Miller. 2,749,894.
- Miller, George, to Oil Base, Inc. Drilling fluid composition and method. 2,773,879, 12-11-56, Cl. 235-1.8.
- Miller, George, and E. K. Renz, to Knight Leather Products, Inc. Toilet cases. 2,730,153, 1-10-56, Cl. 150-34.
- Miller, George, and F. C. Godfrey. Production of alkali hydroxides. 2,743,665, 4-24-56, Cl. 23-184.
- Miller, George A., to Tyler Refrigeration Corp. Refrigerated display, dispensing and storing cabinet. 2,765,632, 10-9-56, Cl. 62-89.5.
- Miller, George B., and R. D. Rynders, to Racine Hydraulics and Machinery, Inc. Multiple pump. 2,764,941, 10-2-56, Cl. 103-4.
- Miller, George L., 1/2 to F. J. Miller. Variable speed induction motor. 2,748,334, 5-29-56, Cl. 318-243.
- Miller, George T. Unitary sink, counter top and drainboard construction. 2,769,181, 11-6-56, Cl. 4-187.
- Miller, Gladys D. : *See*—  
 Harkenrider, Robert J. 2,738,242.
- Harkenrider, Robert J. 2,767,035.
- Miller, Glen R. : *See*—  
 Jenney, Ray S., Fetherston, and Miller. 2,744,609.
- Miller, Gottlieb. Packing box for garbage trucks. 2,753,057, 7-3-56, Cl. 214-82.
- Miller, Gustave : *See*—  
 Hubbsman, Earl J. 2,755,477.
- Stambaugh, Clyde. 2,742,101.
- Temple, Ruth M. 2,736,043.
- Miller, Harold F. Collapsible tent frame. 2,770,243, 11-13-56, Cl. 135-4.
- Miller, Harold G., and R. C. Mourning, to Racine Hydraulics and Machinery, Inc. Rotary pipe cutter. 2,764,801, 10-2-56, Cl. 29-73.
- Miller, Harold L., to Robot Appliances, Inc. Door operating apparatus. 2,747,864, 5-29-56, Cl. 268-59.
- Miller, Harry, to Sperry Rand Corp. System for measuring the acceleration of a dirigible craft. 2,770,452, 11-13-56, Cl. 264-1.
- Miller, Harry, and R. D. Love, to The Sperry Rand Corp. Altitude control for automatic pilots. 2,729,780, 10-3-56, Cl. 318-489.
- Miller, Harry B. : *See*—  
 Gordon, Alexander M., and Miller. 2,750,106.
- Miller, Harry B., to Clevite Corp. Cylindrical electromechanical transducer. 2,732,536, 1-24-56, Cl. 340-3.
- Miller, Harry B., to Clevite Corp. Disk transducer. 2,741,754, 4-10-56, Cl. 340-10.
- Miller, Harry C. Combination lock. 2,767,572, 10-23-56, Cl. 70-333.
- Miller, Harry D., to The McKay Machine Co. Apparatus for uncoiling sheet metal. 2,750,984, 6-19-56, Cl. 153-54.
- Miller, Henry C. : *See*—  
 Gall, John F., and Miller. 2,739,114.
- Gall, John F., and Miller. 2,739,115.
- Miller, Henry C. L., and E. L. Sides, to Miller Hoff, Inc. Method for making composition board. 2,740,990, 4-10-56, Cl. 18-47.5.
- Miller, Henry E., and V. L. Sheets, to Chicago, Wheel & Mfg. Co. Mounted abrading wheels. 2,763,970, 9-25-56, Cl. 51-206.
- Miller, Herbert J. : *See*—  
 Hewitt, Thomas, Miller, and Varley. 2,732,294.
- Miller, Herbert L. Combined map antiglare shield and magnifying glass. 2,729,908, 1-10-56, Cl. 40-10.
- Miller, Herman, to Miller Laundry Co. Door constructions for laundry machinery. 2,774,506, 12-18-56, Cl. 220-34.
- Miller, Herman F. : *See*—  
 Postel, Charles E. and M. W. 2,732,828.
- Miller, Herman, Furniture Co. The : *See*—  
 Ennes, Charles. 2,738,835.
- Nelson, George. 2,767,775.
- Miller Hoff, Inc. : *See*—  
 Miller, Henry C. L., and Sides. 2,740,990.
- Miller Hydro Co. : *See*—  
 Olive, Joye A. 2,753,673.
- Miller, Isadore. Preparation of maleic acid. 2,746,991, 5-22-56, Cl. 260-537.
- Miller, Jack. Liquid soap agitator attachment for rotary scrubbing brushes. 2,764,394, 9-25-56, Cl. 261-83.
- Miller, Jack C., to the United States of America as represented by the United States Atomic Energy Commission. Blocking oscillator. 2,736,806, 2-28-56, Cl. 250-36.
- Miller, James. Method and apparatus for producing asphalt. 2,738,313, 3-13-56, Cl. 136-74.
- Miller, James F. : *See*—  
 Beals, Malcolm D., and Miller. 2,756,157.
- Miller, James H. : *See*—  
 Matlack, Richard C., Metzger, Miller, and Vroom. 2,733,297.
- Miller, James H. Safety air brake system for motor vehicles. 2,768,700, 10-30-56, Cl. 180-82.
- Miller, James L. Dispenser for rolled paper. 2,742,241, 4-17-56, Cl. 242-56.
- Miller, James R. : *See*—  
 Lewis, Charles J., and Miller. 2,738,314.
- Miller, James R., to William M. Bailey Co. Movable, tiltable, adjustable mud guns. 2,747,858, 5-29-56, Cl. 266-42.
- Miller, James R., and F. Wadley, to Esso Research and Engineering Co. Hydrofining naphthenic lubricating oil. 2,734,019, 2-7-56, Cl. 196-24.
- Miller, James S. Occlusal plane recorder. 2,772,477, 12-4-56, Cl. 32-832.
- Miller, Jarvis E., to Esso Research and Engineering Co. Oil separating device. 2,759,608, 8-21-56, Cl. 210-54.
- Miller, Joe : *See*—  
 Battaglia, Eugene P., and Miller. 2,770,463.
- Miller, John H., to Weston Electrical Instrument Corp. Coarse and fine measuring system. 2,736,008, 2-21-56, Cl. 340-184.
- Miller, John M., Jr., to Bendix Aviation Corp. Grounded-grid amplifier. 2,753,404, 7-3-56, Cl. 179-17.
- Miller, John M., Jr., to Bendix Aviation Corp. Correction of distortion in push-pull amplifiers. 2,772,329, 11-27-56, Cl. 179-171.
- Miller, John W., to F. P. Rosback Co. Sheet handling apparatus. 2,739,810, 10-27-56, Cl. 171-62.
- Miller, John W., and G. B. Loper, to Socomy Mobil Oil Co., Inc. Seismic cable connector. 2,753,535, 7-3-56, Cl. 339-61.
- Miller, Joseph H., and S. A. Wilson. Sleep inducing machine. 2,735,528, 2-7-56, Cl. 40-33.
- Miller, Joseph P. : *See*—  
 Britton, Loren D., and Miller. 2,759,431.
- Christianson, Wallace A., and Miller. 2,738,779.
- Dilworth, Richard M., and Miller. 2,770,200.
- Masei, Theodore C., and Miller. 2,755,691.
- Miller, Joseph P., and L. D. Britton, to General Motors Corp. Railway truck. 2,756,690, 7-31-56, Cl. 105-182.
- Miller, Julius, to Miller-Deutscher Corp. Latch extension unit. 2,775,475, 12-25-56, Cl. 292-1.
- Miller, Keith : *See*—  
 Fagerberg, Russell, and Miller. 2,762,264.
- Miller Laboratories, Inc. : *See*—  
 Miller, Samuel. 2,754,823.
- Miller Laundry Co. : *See*—  
 Miller, Herman. 2,774,506.
- Miller, Lavon J., to Aro Equipment Corp. Strap supported lubricator. 2,767,885, 10-23-56, Cl. 222-175.
- Miller, Laymon N., to the United States of America as represented by the Secretary of the Navy. Cone microphone. 2,759,161, 10-10-56, Cl. 340-3.
- Miller, Lee, to Lemlar Corp. Vane. 2,759,574, 8-21-56, Cl. 189-62.
- Miller, Leonidas C. : *See*—  
 Linder, Lowell E. 2,741,129.
- Miller, Leonidas C. Pneumatic actuator having tandem power cylinders. 2,743,703, 5-1-56, Cl. 121-38.
- Miller, Leonidas C. Portable power driven reciprocating tool. 2,751,922, 6-26-56, Cl. 137-106.
- Miller, Leonidas C. Fluid pressure power-operated reciprocating shut-off valve. 2,751,944, 6-26-56, Cl. 149-68.
- Miller, Leonidas C. Tube sealer. 2,751,965, 6-26-56, Cl. 154-42.
- Miller, Loren J., to American Hard Rubber Co. Process of making acid-resistant molded articles containing organic fibers, resinol residue and asphalt. 2,753,312, 7-3-56, Cl. 260-17.2.
- Miller, Loren J., to American Hard Rubber Co. Acid resistant molded articles and process of making them. 2,753,315, 7-3-56, Cl. 260-17.5.
- Miller, Louis L. : *See*—  
 Breedon, Will A., and Miller. 2,729,123.
- Miller, Malsie D. Garment hanger. 2,738,112, 3-13-56, Cl. 223-85.
- Miller Mfg. Co. : *See*—  
 Hare, Terence G. 2,771,231.
- Hare, Terence G. 2,775,381.
- Miller, Marion F., to Birtman Electric Co. Mixer. 2,773,679, 12-11-56, Cl. 259-1.
- Miller, Mary L., to American Cyanamid Co. Stabilizing amido derivatives of acrylic acids. 2,758,135, 8-7-56, Cl. 260-561.
- Miller, Mary W. : *See*—  
 Miller, Frederick B. 2,767,969.
- Miller, Max. Lift bridge. 2,755,493, 7-24-56, Cl. 14-42.
- Miller, Meritt L., to International Telephone and Telegraph Corp. Electric control circuit. 2,766,419, 10-9-56, Cl. 323-66.
- Miller, Merton R. : *See*—  
 Juvinal, James W., and Miller. 2,735,923.
- Miller Meters, Inc. : *See*—  
 Arzig, Edward C. 2,768,783.
- Broussard, Robert F. 2,752,924.
- Miller, Mike A., and C. D. Baker, to Aluminum Co. of America. Electrodepositing aluminum. 2,763,605, 9-18-56, Cl. 204-14.
- Miller, Milo C. Fishing lures. 2,738,611, 3-20-56, Cl. 43-42.
- Miller, Milo F. Sound producing device. 2,738,697, 3-20-56, Cl. 84-404.
- Miller, Morton C. Destemming machine. 2,766,759, 10-16-56, Cl. 131-125.
- Miller, Myron, to Herring Magic, Inc. Fish lures. 2,769,268, 11-6-56, Cl. 43-42.06.
- Miller, Nathaniel, to Samuel J. Miller & Co. Necktie holding means. 2,749,553, 6-12-56, Cl. 2-145.
- Miller, Nikoli. Shrimp peeling and veining machine. Re. 24,415, 11-3-56, Cl. 17-2.
- Miller, Nikoli. Shrimp peeling, deveining and meat separating machine. 2,760,225, 8-28-56, Cl. 17-2.
- Miller, Norman R., to the United States of America as represented by the Secretary of the Navy. Humidity chamber. 2,753,164, 7-3-56, Cl. 261-15.
- Miller, Olen A. : *See*—  
 Elton, Eugene D. 2,735,588.



- Miller, Omer E. Liquid conditioning apparatus. 2,751,347, 6-19-56, Cl. 210-24.
- Miller, Ora A. Floral wreaths. 2,740,218, 4-3-56, Cl. 41-12.
- Miller, Paul E. Animated wildfowl decoy. 2,752,715, 7-3-56, Cl. 43-3.
- Miller, Paul M., to The National Cash Register Co. Process for making magnetic powder. 2,766,211, 10-9-56, Cl. 252-62.5.
- Miller, Philip: *See—*
- Miller, Sidney A., and Gorkowski. 2,751,640.
- Miller Pottery Engineering Co.: *See—*
- Ryckman, George E. 2,734,247.
- Miller Printing Machinery Co.: *See—*
- Gegenheimer, Harold W., and Siebke. 2,757,610.
- Miller, Ralph, to The Chemical Foundation, Inc. Production of titanium dioxide. 2,732,310, 1-24-56, Cl. 106-300.
- Miller, Ralph, to The Chemical Foundation, Inc. Refining of fatty acid monoglyceride. 2,759,954, 8-21-56, Cl. 260-410.
- Miller, Ralph. High expansion, spark ignited, gas burning, internal combustion engines. 2,773,490, 12-11-56, Cl. 123-75.
- Miller, Ralph L. Paint brush support and wiper. 2,745,570, 6-12-56, Cl. 220-90.
- Miller, Raymond J., R. C. Frevik, and R. W. Wilson, to Ford Motor Co. Implement hitch for tractors. 2,750,863, 6-19-56, Cl. 97-47.65.
- Miller, Raymond V. Skin tensioner for shavers. 2,749,613, 6-12-56, Cl. 30-36.
- Miller, Robert H., to Pittsburgh Plate Glass Co. Method and apparatus for electro-deposition of a layer of uniform thickness on a conductive surface. 2,750,332, 6-12-56, Cl. 204-15.
- Miller, Robert E.: *See—*
- Diller, Elmer F. George, and Miller. 2,735,067.
- Miller, Robert E., and G. E. Bennett, to Monsanto Chemical Co. Manufacture of alcohols by guerbet condensation. 2,762,847, 9-11-56, Cl. 260-642.
- Miller, Robert G., to The G. M. Diehl Machine Works, Inc. Nail clincher mechanism. 2,735,095, 2-21-56, Cl. 1-15.
- Miller, Robert G., to The G. M. Diehl Machine Works, Inc. Nailing machine, hopper, feeder and picker mechanism. 2,735,096, 2-21-56, Cl. 1-16.
- Miller, Robert G., to The G. M. Diehl Machine Works, Inc. Chuck. 2,737,657, 3-13-56, Cl. 1-5.
- Miller, Robert H.: *See—*
- Hooker, Thomas, and Miller. 2,750,002.
- Olson, Einar R., and Miller. 2,750,437.
- Miller, Robert L.: *See—*
- Wannamaker, William H., Jr., and Miller. 2,750,547.
- Miller, Robert L., to Minneapolis-Honeywell Regulator Co. Relative humidity measuring apparatus. 2,733,607, 2-7-56, Cl. 73-335.
- Miller, Robert N. Fishing reel. 2,767,934, 10-23-56, Cl. 242-84.5.
- Miller, Robert P., and F. Mathewson, and G. H. Meinzer, said Miller and said Mathewson assors to said Meinzer. Screening mechanism. 2,733,999, 7-10-56, Cl. 209-403.
- Miller, Robert T.: *See—*
- Angelica, Wilbert W., and Miller. 2,770,831.
- Miller, Roland W., Sr.: *See—*
- McCarthy, Dale E. 2,754,959.
- Miller, Roy, to East Coast Aeronautics, Inc. Method and apparatus for making fiber glass pipe. 2,731,067, 1-17-56, Cl. 154-1.7.
- Miller, Roy G., to East Coast Aeronautics, Inc. Spherical enclosure. 2,737,309, 3-6-56, Cl. 220-1.
- Miller, Roy G. Log positioning apparatus. 2,766,783, 10-16-56, Cl. 143-157.
- Miller, Roy R. Poultry beak cutting device. 2,731,016, 1-17-56, Cl. 128-303.1.
- Miller, Rudolph W.: *See—*
- Harkenrider, Robert J. 2,747,952.
- Harkenrider, Robert J. 2,762,665.
- Harkenrider, Robert J. 2,762,667.
- Miller, Samuel, to Miller Laboratories, Inc. Suppository applicator. 2,754,823, 7-17-56, Cl. 128-271.
- Miller, Samuel J., & Co.: *See—*
- Miller, Nathaniel. 2,749,553.
- Miller, Samuel R., to New York Letter Co., Inc. Combined letter sheet and reply sheet. 2,768,780, 10-30-56, Cl. 229-92.3.
- Miller, Sidney A., and E. W. Gorkowski, ½ to P. Miller. Metal awning construction. 2,751,640, 6-26-56, Cl. 26-57.5.
- Miller, Sidney D., to A. B. Blanch and Co. Ltd. Loader for attachment to a lift-mechanism of a tractor. 2,767,869, 10-23-56, Cl. 214-141.
- Miller, Sidney E.: *See—*
- Berry, Charles M., and Miller. 2,729,656.
- Miller, Sidney E., to American Bosch Arma Corp. Fuel injection apparatus. 2,759,422, 8-21-56, Cl. 103-2.
- Miller, Sidney E., to American Bosch Arma Corp. Nozzle. 2,768,860, 10-30-56, Cl. 299-107.6.
- Miller, Sidney E., and C. M. Berry, to General Mills, Inc. Production of sterols. 2,729,655, 1-3-56, Cl. 260-397.25.
- Miller, Sidney E., and C. H. Nystrom, to American Bosch Arma Corp. Overspeed governor with speed responsive servomotor. 2,751,887, 6-26-56, Cl. 121-42.
- Miller, Solomon E. Shaker for a commodity. 2,774,513, 12-18-56, Cl. 222-39.
- Miller, Stephan: *See—*
- Gano, Harlan S., and Miller. 2,757,249.
- Miller, Stewart E., to Bell Telephone Laboratories, Inc. Ultra-high frequency selective mode directional coupler. 2,748,350, 5-29-56, Cl. 333-10.
- Miller, Stewart E., to Bell Telephone Laboratories, Inc. Non-reciprocal wave transmission networks. 2,748,352, 5-29-56, Cl. 333-14.
- Miller, Stewart E., to Bell Telephone Laboratories, Inc. Methods and apparatus for transmitting circular electric waves in wave guides. 2,774,945, 12-18-56, Cl. 333-98.
- Miller, Stuart P., to Allied Chemical & Dye Corp. Recovery of maleic anhydride. 2,770,630, 11-13-56, Cl. 260-346.8.
- Miller, Sue B.: *See—*
- Tember, Muriel E., and Miller. 2,742,071.
- Miller, Theodore: *See—*
- Fromm, Kenneth N., and Miller. 2,763,715.
- Vogely, Clyde E., Jr., and Miller. 2,736,019.
- Miller, Theodore, to Westinghouse Electric Corp. Tricolor television picture tube. 2,757,313, 7-31-56, Cl. 315-13.
- Miller, Theodore, to Westinghouse Electric Corp. Tricolor television picture tube. 2,759,994, 8-21-56, Cl. 178-5.4.
- Miller, Theodore, to Westinghouse Electric Corp. Tricolor television picture tube. 2,759,995, 8-21-56, Cl. 178-5.4.
- Miller, Theodore, to Westinghouse Electric Corp. Waveguide antenna modulator. 2,760,162, 8-21-56, Cl. 332-51.
- Miller, Theodore A. Mold filling apparatus. 2,769,573, 11-6-56, Cl. 222-43.
- Miller, Theodore A. and T. A., Jr. Mechanical extracting apparatus for stripping flexible hollow articles from reentrant mold cavities. 2,735,137, 2-21-56, Cl. 18-2.
- Miller, Theodore A., Jr.: *See—*
- Miller, Theodore A. and T. A., Jr. 2,735,137.
- Miller, Vernon F., to Minneapolis-Honeywell Regulator Co. Electrical control apparatus. 2,764,701, 9-25-56, Cl. 307-116.
- Miller, Virginia E.: *See—*
- Miller, William B. and V. E. 2,746,178.
- Miller, Wallace W.: *See—*
- Hook, Charles H., and Miller. 2,771,131.
- Miller, Walter F. Floor mop having a detachable cleaning element. 2,731,658, 1-24-56, Cl. 15-244.
- Miller, Warren S.: *See—*
- Prutton, Carl F., Miller, and Hirdler. 2,735,749.
- Miller, Warren S., to Olin Mathieson Chemical Corp. Process for concentrating aqueous hydrazine solutions. 2,733,195, 1-31-56, Cl. 202-45.
- Miller, Wesley A.: *See—*
- Miller, Charles L., and W. A. 2,766,016.
- Miller, Wesley G., to Hays Mfg. Co. Flow control device. 2,762,397, 9-11-56, Cl. 138-43.
- Miller, Wesley G., to Hays Mfg. Co. Solenoid arrangement. 2,768,337, 10-23-56, Cl. 317-158.
- Miller, William A., to Radio Corp. of America. Aluminum oxide cathode rayectors. 2,729,880, 1-10-56, Cl. 29-182.1.
- Miller, William A., to Radio Corp. of America. Microwave filter. 2,737,630, 3-6-56, Cl. 333-73.
- Miller, William A., to Radio Corp. of America. Wave guide filters. 2,738,468, 3-13-56, Cl. 333-73.
- Miller, William A., to Radio Corp. of America. Microwave filter. 2,738,469, 3-13-56, Cl. 333-73.
- Miller, William B. and V. E. Heel lift for shoes. 2,746,178, 5-22-56, Cl. 36-58.5.
- Miller, William B., E. H. Shaw, and H. Little, to Celanese Corp. of America. Viscose solution, a process for making it and filament formed from it. 2,770,554, 11-13-56, Cl. 106-165.
- Miller, William E. Automobile washing means. 2,775,485, 12-25-56, Cl. 299-121.
- Miller, William F.: *See—*
- Cunningham, Omar L., Jr., and Miller. 2,753,674.
- Miller, William F., to Toro Mfg. Corp. Snow plow. 2,731,739, 1-24-56, Cl. 37-43.
- Miller, William F. Apparatus for detecting an ignition arc and controlling a burner. 2,771,942, 11-27-56, Cl. 158-28.
- Miller, William H., to Cloverleaf-Freeland Corp. Vibration dampener for bobbin with an adaptor. 2,762,576, 9-11-56, Cl. 242-46.2.
- Miller, William J.: *See—*
- Heinl, Joseph L., and Miller. 2,757,500.
- Miller, William J. Liquid heater. 2,729,200, 1-3-56, Cl. 122-149.
- Miller, William J. Apparatus for handling asphalt. 2,729,209, 1-3-56, Cl. 126-343.5.
- Miller, William J. Apparatus for handling and liquefying asphalt. 2,764,973, 10-2-56, Cl. 126-343.5.
- Miller, William J., and A. C. Johnson, to Elliott Bay Mill Co. Machine for edge trimming, sizing and squaring flat panels. 2,758,616, 8-14-56, Cl. 144-2.
- Miller, William R., Jr.: *See—*
- Forward, Worthy J. F., and Miller. 2,734,256.
- Forward, Worthy J. F., and Miller. 2,766,651.
- Miller, William T. Solid polymers of perhalogenated polyethylene. 2,729,433, 1-3-56, Cl. 260-35.8.
- Miller, William T. Olefin haloarbons containing three and four carbon atoms and method of making them. 2,733,277, 1-31-56, Cl. 260-653.
- Miller, William T. Perhalocarbons compounds and method of preparing them. 2,751,414, 6-19-56, Cl. 260-566.
- Miller, Willis C. Sizing and priming device for shotgun shells. 2,748,648, 6-5-56, Cl. 86-36.
- Miller, Willis C. Loading and wadding device for shotgun shells. 2,749,790, 6-12-56, Cl. 86-29.
- Miller, Willis C. Crimping device for shotgun shells. 2,749,791, 6-12-56, Cl. 86-40.

- Miller, Willis H. Vehicle sub-frame and spring suspension assembly. 2,732,219, 1-24-56, Cl. 280—106.5.
- Millers Falls Co. See—
- Shortell, William H. 2,735,228.
- Millet, Eugène, to Paillard S. A. Stereoscopic cameras. 2,737,098, 3-6-56, Cl. 95—18.
- Millet, Eugene, to Paillard S. A. Optical device for a stereoscopic camera, with a horizontal movement of the film. 2,767,629, 10-23-56, Cl. 95—18.
- Millhouse, Harry B. Sealing strip guide for can opening keys. 2,758,745, 8-14-56, Cl. 220—52.
- Millhouse, Murray S. See—
- Davis, Raymond C. Overweil, and Millhouse. 2,731,672.
- Millidge, Alfred F., and W. Webster. Process for the liquid phase oxidation of olefines with oxygen. 2,741,623, 4-10-56, Cl. 260—348.5.
- Millie, Orrin, J. Rubey, and J. P. Latil, to Genarco, Inc. Illumination electric arc. 2,732,513, 1-24-56, Cl. 314—42.
- Millies, Henry. Drop delivery type poultry fountain. 2,775,227, 12-25-56, Cl. 119—72.5.
- Milligan, Charles H. See—
- Sullivan, Thomas J., Milligan, and Lillquist. 2,738,255.
- Milligan, George E. Rotatable disc indicator attachment. 2,750,917, 6-19-56, Cl. 116—130.
- Milligan, George R. See—
- Chambers, Albert M., Jr., Closs, Fisher, and Milligan. 2,729,451.
- Milligan, Harold E., and J. E. Muehring. Tremie. 2,734,612, 2-14-56, Cl. 193—30.
- Milligan, William G. See—
- Peck, Guy C., and Milligan. 2,734,303.
- Millikan, Winifred O. See—
- Dinwiddie, James A., Milligan, and Mosesman. 2,749,216.
- Millikan, Allen F. See—
- Ayers, George W., and Millikan. 2,761,823.
- Millikan, Albert, to The Pure Oil Co. Method of producing odorless naphthas. 2,773,919, 12-11-56, Cl. 280—683.4.
- Milliken, Owen J.,  $\frac{1}{4}$  to A. C. Johnson. Leveling tractor and drawbar construction. 2,774,435, 12-18-56, Cl. 180—41.
- Milliken, Thomas H., Jr. See—
- Donovan, Joseph J., Koester, and Milliken. 2,755,257.
- Oblad, Alex G., Milliken, and Boedeker. 2,760,847.
- Milliken, Thomas H., Jr., and D. W. Koester, to Houdry Process Corp. Low sodium catalyst support. 2,769,688, 11-6-56, Cl. 23—143.
- Milliken, Thomas H., Jr., G. A. Mills, and A. G. Oblad, to Houdry Process Corp. Catalytic polymerization of olefins. 2,775,638, 12-25-56, Cl. 260—683.15.
- Millington, Agnes G. See—
- Kraus, Nicholas, and Millington. 2,771,848.
- Millington, Alfred F., to Novi Equipment Co. Universal slotting machine. 2,747,255, 5-29-56, Cl. 29—73.
- Millington, John H. T., to Westinghouse Electric Corp. Sealing machine for tubular lamps. 2,775,069, 12-25-56, Cl. 49—2.
- Millington, John W. See—
- Cox, William H., and Millington. 2,753,544.
- Millington, John W., to Sun Oil Co. Apparatus for changing the resonant frequency of a seismic detector. 2,751,573, 6-19-56, Cl. 340—17.
- Milliquet, Jacques F. Machine for the production of bags containing a subdivided, pulverulent or granular product. 2,731,779, 1-24-56, Cl. 53—70.
- Mills, Keith D., P. Cagnone, and N. B. Pilling, to The International Nickel Co., Inc. Method for producing cast ferrous alloy. 2,749,238, 6-5-56, Cl. 75—130.
- Millman, Nathan. See—
- Kupferberg, Alfred B., Mende, Millman, and Singher. 2,735,798.
- Millman, Sidney, to the United States of America as represented by the Secretary of War. Magnetron. 2,765,425, 10-2-56, Cl. 315—39.65.
- Millman, Sidney, to United States of America as represented by the Secretary of War. Wave guide output circuit for a magnetron. 2,768,327, 10-23-56, Cl. 315—29.
- Mills, Terence W., to Rotax Ltd. Cartridge with coolant. 2,740,356, 4-3-56, Cl. 102—39.
- Milns, Terence W., to Rotax Ltd. Engine-starting cartridges. 2,758,544, 8-14-56, Cl. 102—39.
- Milns, Terence W., and K. T. Guy, to Rotax Ltd. Gas turbines. 2,733,891, 2-7-56, Cl. 253—59.
- Millott, James O. See—
- Crisger, Herman J., and Millott. 2,752,825.
- Mills, Albert W., F. J. Furman, and E. J. Rabenda, to International Business Machines Corp. Drive mechanism for paper feeding device. 2,734,010, 2-14-56, Cl. 192—145.
- Mills, Beatrice J. See—
- Muth, Esther A., and Mills. 2,731,997.
- Mills, Edgar A. Machine to abrade stereotyping packless matrices. 2,746,211, 5-22-56, Cl. 51—33.
- Mills, Evan D. Container cooling device. 2,746,265, 5-22-56, Cl. 62—94.
- Mills, George A. See—
- Milliken, Thomas H., Jr., Mills, and Oblad. 2,775,638.
- Mills, George A., to Houdry Process Corp. Production of diesel and jet fuels. 2,729,596, 1-3-56, Cl. 196—53.
- Mills, George D. Mechanical devices. 2,750,808, 6-19-56, Cl. 74—471.
- Mills, George L. See—
- Robbins, Chandler, II, and Mills. 2,741,824.
- Mills, George L., to Bates Mfg. Co. Apparatus for weaving tufted fabrics. 2,741,270, 4-10-56, Cl. 139—37.
- Mills Products, Inc. to Mills Products, Inc. Oven door handle. 2,731,662, 1-24-56, Cl. 16—111.
- Mills Industries, Inc. See—
- Hehn, Louis F. 2,732,054.
- Mills, Herbert E. 2,731,662.
- Mills, Ivor W. See—
- Jezl, James L., and Mills. 2,745,793.
- Mills, Ivor W., to Sun Oil Co. Wax composition. 2,746,875, 5-22-56, Cl. 106—272.
- Mills, Ivor W., to Sun Oil Co. Oxidized wax composition. 2,746,876, 5-22-56, Cl. 106—272.
- Mills, Ivor W., to Sun Oil Co. Adhesive wax composition. 2,746,910, 5-22-56, Cl. 196—149.
- Mills, Ivor W., and H. L. Johnson, to Sun Oil Co. Hydrogenation of aromatic compounds with the use of molybdenum disulfide on a spent cracking catalyst. 2,735,877, 2-21-56, Cl. 260—677.
- Mills, Jack, to Eli Lilly and Co. Substituted aryl amino alkyl ethers. 2,773,900, 12-11-56, Cl. 260—570.7.
- Mills, J. W., to G. H. Julien. Adaptor for handling a nursing nipple. 2,771,073, 11-20-56, Cl. 128—252.
- Mills, John K., and W. S. Ross, to Bell Telephone Laboratories, Inc. Ringing and signaling current supply for telephone system. 2,740,845, 4-3-56, Cl. 179—84.
- Mills, John R. See—
- Desrupt, Alden J., and Mills. 2,758,084.
- Mills, John R., and W. C. Smith, to E. I. du Pont de Nemours & Co. Stabilization of ferrates. 2,758,090, 8-7-56, Cl. 252—186.
- Mills, Joseph A. W., and W. A. Tamblin, to Dowty Seals Ltd., and The De Havilland Aircraft Co., Ltd. Bolt head with attached triangular shaped sealing ring. 2,760,400, 8-28-56, Cl. 85—9.
- Mills, Robert, to Westinghouse Air Brake Co. Coupling for flexible metallic conduits. 2,732,225, 1-24-56, Cl. 283—2.
- Mills, Robert L. See—
- Beard, Charles L., and Mills. 2,768,247.
- Mills, Terence J. Germicidal deodorizer. 2,754,554, 7-17-56, Cl. 21—120.
- Millsaps, Paul R., R. T. Morton, and H. W. Reedy, to Combustion Engineering, Inc. Gas fired tail water heater with built-in draft diverter. 2,744,503, 5-8-56, Cl. 122—17.
- Millsbaugh Ltd. See—
- Heys, Ralph C. 2,737,088.
- Millsbaugh, Louise N. See—
- Nordell, Carl H. 2,750,044.
- Millville Mfg. Co. See—
- Thomson George. 2,753,287.
- Wood, Richard D., Jr., and Thomson. 2,744,844.
- Wood, Richard D., Jr., Thomson, and Whitaker. 2,740,457.
- Millward, Edward A., to J. A. Phillips and Co. Ltd. Variable speed gear control lever mechanism for bicycles and like vehicles. 2,770,980, 11-20-56, Cl. 74—489.
- Milmore, Oswald H., to Shell Development Co. Fluidized bed temperature conditioner and method of controlling fluid streams. 2,729,428, 1-3-56, Cl. 257—6.
- Milne, Allen R., to National Research Council. Anti-backlash gearing. 2,765,668, 10-9-56, Cl. 74—409.
- Milne, David T., to American Viscose Corp. Threading apparatus for a tubular driver. 2,744,336, 5-8-56, Cl. 34—21.
- Milne, John N., and R. G. D. Crick, to The Distillers Co. Ltd. Polymerised compositions. 2,759,910, 8-21-56, Cl. 260—50.5.
- Milne, Kenneth, and H. B. Taylor, to General Electric Co. Wave guide attenuator. 2,756,396, 7-24-56, Cl. 333—81.
- Milne, Winford G., and F. G. Ridgers, to N. Slater Co. Ltd. Transposition bracket. 2,747,010, 5-22-56, Cl. 174—33.
- Milne, Winford G., and F. G. Ridgers, to N. Slater Co. Ltd. Transposition bracket. 2,757,224, 7-31-56, Cl. 174—33.
- Milner, Harold W. See—
- Spoehr, Herman A., and Milner. 2,732,661.
- Milner, Max. See—
- Katz, Robert, Milner, and Lee. 2,737,594.
- Milners Safe Co. Ltd. See—
- Whitehead, Frank. 2,766,606.
- Milone, Louis J., to The Eagle-Picher Co. Storm door construction and hinge mounting. 2,738,401, 2-28-56, Cl. 189—46.
- Milos, Louis W. Continuous lubricant supply for bearings. 2,745,514, 5-15-56, Cl. 184—65.
- Milow, Carl R. Column finisher. 2,768,521, 10-30-56, Cl. 72—128.
- Milprint, Inc. See—
- James, Albert L. 2,768,906.
- Milson, Frederick R., to S. Smith & Sons (England) Ltd., and Furzball Laboratories. Motor control system utilizing magnetic amplifiers. 2,729,779, 1-3-56, Cl. 318—327.
- Milster, Arthur N., to Wagner Electric Corp. Universal accelerator and pedal switch. 2,750,462, 6-12-56, Cl. 200—61.89.
- Milster, Arthur N., and R. W. Sharfite, to Wagner Electric Corp. Portable device for filing hydraulic brake systems with brake fluid. 2,735,589, 2-21-56, Cl. 222—386.5.



- Milwaukee Gas Specialty Co.: *See—*  
 Bydalek, Floyd J. 2,763,313.  
 Dietz, Gerald E., and Hilgert. 2,765,631.  
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 Hilgert, Adolph J. 2,737,559.  
 Holmes, Gifford I. 2,750,539.  
 Holmes, Gifford I. 2,756,371.  
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 Kile, Stephen L. 2,741,302.  
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 Leins, Oscar J. 2,731,529.  
 Marvin, Philip R. 2,763,119.  
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 Rafenstein, Roy F. 2,736,371.  
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- Milwaukee Stamping Co.: *See—*  
 Dobrogowski, Daniel T., Roen, and Jones. 2,739,817.  
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 Jones, Robert H., and Svoboda. 2,747,238.  
 Mims, Ernest M. Incinerator. 2,737,911, 3-13-56, Cl. 110-18.
- Mina, Francis A., and H. F. Antczak, to Chemway Corp. Packages of self-propelling atomizing low pressure liquid compositions. 2,742,321, 4-17-56, Cl. 299-95.
- Minami, Masatsugu. Mechanical sanders. 2,772,522, 12-4-56, Cl. 2.
- Minard, Everett S., and F. Lenzen, to Librascope, Inc. Gear differential. 2,774,253, 12-18-56, Cl. 74-675.
- Minchom, Raphael I. Magnetic apparatus. 2,764,716, 9-25-56, Cl. 317-203.
- Mine Safety Appliances Co.: *See—*  
 Baker, Richard S. 2,764,095.  
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 Bovard, Robert M., and Hamilton. 2,764,475.  
 Brochetti, Raymond E. 2,770,321.  
 Bub, Robert A. 2,773,434.  
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 Jacobson, Moses G. 2,734,381.  
 Jacobson, Moses G., Giffert, De Luca, and Mruk. 2,769,884.  
 McConaughy, Paul W. 2,736,638.
- Mineral Oil, to Coast Paint and Chemical Co. Device for mixing viscous materials. 2,768,405, 10-30-56, Cl. 18-2.
- Miner, Burt S., to Regan Forge & Engineering Co. Blowout preventer and packer and hole-closer therefor. 2,746,709, 5-22-56, Cl. 251-1.
- Miner, Carl S. J., and B. Wolnak, to Sewerage Commission of the City of Milwaukee. Feed. 2,739,064, 3-20-56, Cl. 99-4.
- Miner, Donald B.: *See—*  
 Yowell, Joseph W., and Miner. 2,749,942.  
 Yowell, Joseph W., and Miner. 2,750,465.
- Miner, Philip T., to Kota-Meters, Inc. Measurement of surface finish. 2,733,598, 2-7-56, Cl. 73-105.
- Miner, Richard Y., Q. J. Evans, and C. F. Abt., to American Bosch Arma Corp. Electromechanical computing apparatus. 2,745,600, 5-15-56, Cl. 235-615.
- Miner, Richard Y., Q. J. Evans, and C. F. Abt., to American Bosch Arma Corp. Mathematical analyzer. 2,745,995, 5-15-56, Cl. 318-19.
- Miner Rubber Co. Ltd., The: *See—*  
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- Miner, Samuel S., to United States Rubber Co. Dipping machine for forming rubber articles. 2,731,668, 1-24-56, Cl. 18-24.
- Miner, Samuel S., to United States Rubber Co. Edge trimmer for advancing sheet material. 2,747,665, 5-29-56, Cl. 164-39.
- Miner, W. H., Inc.: *See—*  
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- Miner, W. H., Inc.: *See—Continued*  
 Tillou, Richard G. 2,775,353.  
 Withall, Albert P. 2,764,300.  
 Withall, William E. 2,749,114.
- Miner, Walter A., to International Telephone and Telegraph Corp. Telegraph signal-operated carrier off and on system. 2,758,351, 3-18-56, Cl. 178-66.
- Miner, William M. Lawn mower. 2,744,376, 5-8-56, Cl. 56-244.
- Minerals & Chemicals Corp. of America: *See—*  
 Crowe, John H. 2,755,177.  
 Duke, James B., and Breathitt. 2,753,997.  
 Gwyn, Harry M., Jr., and Laughlin. 2,762,510.  
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- Minieri, Pasquale P.: *See—*  
 Eisenman, William, and Minieri. 2,749,273.
- Minieri, Pasquale P., H. Sokol, and M. C. Firman, to American Cyanamid Co. Process for the preparation of tetracycline and chlorotetracycline. 2,734,018, 2-7-56, Cl. 195-80.
- Mininberg, Ella: *See—*  
 Mininberg, Nathan D. 2,771,365.
- Mininberg, Nathan D., to E. Mininberg. Method of making bread from grain kernels. 2,771,365, 11-20-56, Cl. 99-90.
- Mining Engineering Co. Ltd., The: *See—*  
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- Mining Process and Patent Co.: *See—*  
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 Daman, Arthur C. 2,747,733.  
 Daman, Arthur C. 2,767,965.
- Minish, Mervin A., to Beaming Products Co., Inc. Grit removal apparatus for sewage disposal plants. 2,758,967, 8-14-56, Cl. 210-3.
- Minisini, Eugenio, to the United States of America as represented by the Secretary of the Navy. Gyro controlled steering system. 2,754,789, 7-17-56, Cl. 114-24.
- Minissale, Joseph: *See—*  
 Gang, George J., and Minissale. 2,767,423.
- Minister Machine Co., The: *See—*  
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- Ministry of Trade and Technical Surveys, Her Majesty the Queen in the right of Canada, as represented by the: *See—*  
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- Minister of Supply, The: *See—*  
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- Minister of Supply in Her Majesty's Government of the United Kingdom of Great Britain and Northern Ireland: *See—*  
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- Minister of Supply in His Majesty's Government of the United Kingdom of Great Britain and Northern Ireland: *See—*  
 Rumsey, Victor H. 2,752,573.
- Minn, James, to Hercules Powder Co. Compounds derivable from dehydroabietonitrile. 2,750,364, 6-12-56, Cl. 260-97.
- Minn, James, to Hercules Powder Co. Phenanthrene derivatives. 2,750,364, 6-12-56, Cl. 260-99.
- Minneapolis-Honeywell Regulator Co.: *See—*  
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 Donald, Philip J., and Larson. 2,758,476.  
 Donaldson, Robert D. 2,751,457.  
 Drow, Donald F. 2,743,870.  
 Du Bois, Robert C. 2,743,735.  
 Du Bois, Robert C. 2,751,577.  
 Du Bois, Robert C. 2,769,453.  
 Ehret, Robert J. 2,743,402.  
 Ehret, Robert J. 2,752,498.  
 Ehret, Robert J. 2,774,021.  
 Ehret, Robert J. 2,765,419.  
 Ehret, Robert J., and Wernlund. 2,774,879.

## Minneapolis-Honeywell Regulator Co.: See—Continued

Ellenberger, Stanley D. 2,730,660.  
Ellenberger, Stanley D. 2,735,416.  
Ellenberger, Stanley D. and Guenther. 2,775,730.  
Eller, Harold E., and Schmitt. 2,763,278.  
Ellis, David H. 2,739,675.  
Exner, Frank M. 2,770,768.  
Feigel, Richard S., and Hagen. 2,742,780.  
Forno, Jerome L., Le Gault, Bolstad, and Sinning. 2,773,048.  
Franzel, Richard M., and Griffith. 2,767,584.  
Garnett, Lawrence T. 2,755,812.  
Gille, Willis H. 2,735,051.  
Gille, Willis H. 2,758,269.  
Gille, Willis H. 2,769,950.  
Griffith, Le Roy A. 2,772,049.  
Griffith, Le Roy A., and Hanzel. 2,763,283.  
Grogan, Edward C. 2,745,423.  
Grogan, Edward C. 2,749,927.  
Grogan, Edward C. 2,774,367.  
Hagen, Jerry. 2,742,099.  
Harrison, Thomas R. 2,749,745.  
Henderson, Hayward. 2,746,301.  
Hermanson, Harry M. 2,769,338.  
Hibbard, William D. 2,756,610.  
Higgins, Stephen C., and Drinker. 2,751,918.  
Hudson, Kenneth C. 2,748,231.  
Hyland, John F. 2,742,601.  
Jenkins, George F. 2,758,791.  
Jensen, James L. 2,774,878.  
Kautz, Murrell E. 2,749,925.  
Knecht, Norman. 2,751,178.  
Kronmiller, Carl G. 2,729,719.  
Kryder, Harold C. 2,740,023.  
Kutzler, Robert J. 2,751,169.  
Kutzler, Robert J. 2,749,426.  
Kutzler, Robert J. 2,756,010.  
Kutzler, Robert J. 2,756,011.  
Kutzler, Robert J. 2,759,137.  
Kutzler, Robert J. 2,758,843.  
La Hue, Philip M. 2,767,556.  
Larson, Erland V. 2,761,043.  
Leyenberger, John. 2,745,054.  
Linahan, Thomas C. 2,749,754.  
Loeber, John A. 2,749,925.  
Loeber, John A. 2,751,972.  
Loveland, Roger S., and Maher. 2,746,686.  
Lower, Jack W. 2,751,540.  
Lower, Jack W., and Taylor. 2,766,627.  
Markusen, David L. 2,754,703.  
Markusen, David L. 2,775,421.  
Marshall, James F. 2,767,330.  
Marshall, William B., and Robinson. 2,748,845.  
Meyer, Robert V. 2,755,668.  
Meyers, Robert V. 2,755,668.  
Meyers, Robert V. 2,754,457.  
Miller, Robert L. 2,733,607.  
Miller, Vernon F. 2,764,701.  
Mott, Richard C. 2,765,185.  
Newbold, William E. 2,762,938.  
Pashby, Robert W. 2,750,802.  
Ross, Wayne M. 2,735,999.  
Ross, Wayne M. 2,759,783.  
Ross, Wayne M. 2,767,866.  
Sakamoto, Masao. 2,760,148.  
Sakamoto, Masao. 2,773,131.  
Schaberg, Johannes G. 2,756,357.  
Schuck, Oscar H. 2,734,155.  
Schuck, Oscar H. 2,751,541.  
Schuck, Oscar H. 2,766,954.  
Schuck, Oscar H., and Ciscel. 2,770,429.  
Side, Frederick W. 2,742,916.  
Side, Frederick W. 2,760,509.  
Side, Frederick W. 2,768,359.  
Smith, James W., and Wagner. 2,748,846.  
Smith, Myron R. 2,749,447.  
Sogge, Melvin G. 2,746,472.  
Stone, Wayne A. 2,757,887.  
Storm, John F. 2,760,242.  
Storm, John F. 2,767,360.  
Swengel, Robert C. 2,755,662.  
Taylor, Daniel G. 2,732,720.  
Yogel, Clarence H. 2,770,423.  
Wannamaker, William H., Jr. 2,745,285.  
Wannamaker, William H., Jr., and Miller. 2,750,547.  
Wenzel, Hans H. 2,766,771.  
Wernlund, Roger F. 2,743,403.  
Wernlund, Roger F. 2,748,751.  
West, Charles E. 2,756,083.  
Wilson, John M. 2,775,291.  
Woodward, Herbert S., II. 2,751,542.  
Zoltanski, Edward F. 2,743,340.

## Minneapolis-Moline Co.: See—

Korsmo, Alfred, and Ronning. 2,737,767.  
Simpson, William F., and Lloyd. 2,759,316.  
Swenson, William E. 2,737,853.  
Swenson, William E. 2,746,434.  
Swenson, William E., and Nielsen. 2,747,416.

Minery, Robert A., to Union Carbide and Carbon Corp.  
Method of impregnation with absorbent carbon applicator.  
2,761,794, 9-4-56, Cl. 117-112.

## Minnesota Mining &amp; Mfg. Co.: See—

Ahlbrecht, Arthur H. 2,764,602.  
Ahlbrecht, Arthur H. 2,764,603.

## Minnesota Mining &amp; Mfg. Co.: See—Continued

Aldrich, Walter S. 2,732,985.  
Brice, Thomas J., and Trotter. 2,732,398.  
Brown, Harvey A., and Ahlbrecht. 2,759,019.  
Casey, James H. 2,752,984.  
Coddington, Donald W. 2,732,370.  
David, Donald J., and Hanson. 2,738,298.  
Hall, Myron W. 2,754,278.  
Hedin, Milton W. 2,767,833.  
Hendricks, James O., Lundquist, and Schmelzle. 2,750,504.  
Herr, Robert, and Marchant. 2,738,383.  
Holmen, Reynold E., and Lundquist. 2,730,459.  
Holmen, Reynold E., and Lundquist. 2,733,169.  
Husted, Donald R., and Ahlbrecht. 2,743,297.  
Judd, Oliver S. 2,765,595.  
Lundberg, Robert G. 2,770,408.  
Miller, Carl S. 2,740,895.  
Miller, Carl S. 2,740,896.  
Pahl, Walter H., and Sandholtz. 2,753,284.  
Pahl, Walter H., and Sandholtz. 2,753,285.  
Rabuse, George R. 2,772,774.  
Reid, Thomas S., Smith, and Pearson. 2,746,997.  
Rendall, John L., and Pearson. 2,730,543.  
Riedesel, Richard G. 2,733,181.  
Salmon, Gilmore A., and Peterson. 2,765,593.  
Swenson, Wayne A., and Brice. 2,765,326.  
Tierney, Hubert J. 2,746,696.

## Minnesota and Ontario Paper Co.: See—

Enzmann, Ralph, and Barrett. 2,744,492.  
Martin, William E. 2,745,297.  
McCormack, Foster D. 2,745,606.

## Minnick, Charles E.: See—

Patton, William R., and Minnick. 2,749,876.  
Minnick, Robert C., to Bell Telephone Laboratories, Inc.  
Read-out arrangement for a magnetic core matrix.  
2,732,542, 1-24-56, Cl. 340-174.  
Minnis, James A., Jr. Window sash lock. 2,768,850,  
10-30-56, Cl. 292-3.  
Minnis, Luther W. Camera supporting heads for tripods or  
the like. 2,752,116, 6-26-56, Cl. 248-181.  
Minor, Burt S., to Regan Forge & Engineering Co. Side-  
opening traveling block and crown block arrangement.  
2,734,718, 2-14-56, Cl. 254-190.  
Minor, Harry B.: See—  
Nixon, Alan C., and Minor. 2,748,059.

## Minot-Brown, Inc.: See—

Minot, Wayland M., Jr. 2,755,525.  
Minot, Wayland M., Jr., to Minot-Brown, Inc. Protective de-  
vice for optical arrangements. 2,755,525, 7-24-56, Cl. 20-71.

## Minsk, Louis M.: See—

Allen, Charles F. H., and Minsk. 2,735,841.  
Minsk, Louis M., to Eastman Kodak Co. Polyvinyl sulfon-  
amide color couplers. 2,759,818, 8-21-56, Cl. 95-6.  
Mint, Louis M., and W. Van Deusen, to Eastman Kodak  
Co. Decorating ceramic objects. 2,732,297, 1-24-56, Cl.  
95-5.5.  
Minsk, Louis M., and J. J. Chechak, to Eastman Kodak  
Co. Resin anthraquinone dyes. 2,732,352, 1-24-56, Cl.  
290-42.  
Minsk, Louis M., D. D. Reynolds, and J. L. R. Williams, to  
Eastman Kodak Co. Interpolymer of 2,5-diacetoxystyrene,  
vinyl hydroquinone monoacetate vinyl hydroquinone, and  
acrylic acid. 2,735,837, 8-21-56, Cl. 260-47.  
Minsk, Louis M., W. P. Van Deusen, and E. M. Robertson,  
to Eastman Kodak Co. Photosensitization of cinnamic acid  
esters of cellulose. 2,751,296, 6-19-56, Cl. 95-7.

## Minster Machine Co., The: See—

Biller, John W. 2,766,293.  
Wissman, Reuben E. 2,754,110.  
Wissman, Reuben E. 2,769,389.

Minter, Jerry B., 2nd, to Measurements Corp. Electric fre-  
quency standard oscillating system. 2,745,061, 5-8-56,  
Cl. 32-79.

## Minto, John L.: See—

Elliott, Richard M., and Minto. 2,743,925.  
Minto, John L., to North Shore News Co. Engine analyzer.  
2,740,069, 3-27-56, Cl. 315-256.  
Minton, Clarence W., to May Hosiery Mills. Automatic  
transfer knitting machine. 2,740,276, 4-3-56, Cl. 66-24.  
Minton, Clarence W. Sock. 2,763,146, 9-18-56, Cl. 66-172.  
Minton, Clarence W., and J. G. O'Hara, to May Hosiery Mills.  
Dial racking mechanism. 2,775,106, 12-25-56, Cl. 66-24.  
Minton, Robert E.: See—  
Leckert, Joseph T. 2,741,383.

Mintz, Henry, to New England Bedding Co. Convertible sofa.  
2,774,977, 12-25-56, Cl. 5-12.

## Minute Mfg. Corp.: See—

Keller, Herman J. 2,748,004.  
McKune, Duane R. 2,743,807.  
Middlebrooks, Billy M. 2,765,066.  
Skinner, Bronson C. 2,764,233.

## Mipro Metal Products Co.: See—

Baum, Herbert J. L., and Colthrust. 2,759,630.  
Miquel, Francois M., to Societe Anonyme Tubest. Integral  
loop blade-annealing means for high-frequency reciprocal  
action. 2,772,708, 4-4-56, Cl. 143-133.

## Miramontes, Louis L.: See—

Djerassi, Carl, Miramontes, and Rosenkranz. 2,744,122.  
Djerassi, Carl, Miramontes, and Rosenkranz. 2,774,777.  
Djerassi, Carl, Rosenkranz, and Miramontes. 2,759,951.

Mirau, André H., to the Company "La Precision Mecanique."  
Apparatus for measuring the roughness of surfaces.  
2,471,151, 4-10-56, Cl. 88-14.



- Mirone, Eligio. Variable speed transmission. 2,750,812, 6-19-56, Cl. 74-686.
- Mironoff, Nicolas, to Ateliers des Charmilles S. A. Universal apparatus for testing the mechanical properties of metals by alternative bending a test piece. 2,742,782, 4-24-56, Cl. 73-100.
- Mirth, Happy. Bath scrubber. 2,736,913, 3-6-56, Cl. 15-122.
- Mirus, Gilbert B. Kitchen paring bag. 2,751,952, 6-26-56, Cl. 150-0.5.
- Mirviss, Stanley B.: *See—*  
Banes, Fred W., Nelson, and Mirviss. 2,753,325.
- Mirviss, Stanley B., and F. W. Banes, to Esso Research and Engineering Co. Petroleum resins by after-treatment with diolefins. 2,750,353, 6-12-56, Cl. 260-45.5.
- Misch, Charles E. Materials dispensing device. 2,735,583, 2-21-56, Cl. 222-129.
- Misch, Ethel A. Paper containers. 2,750,096, 6-12-56, Cl. 229-17.
- Misch, Herbert L., to Studebaker-Packard Corp. Torque converters. 2,763,215, 9-18-56, Cl. 103-115.
- Misch, Herbert L., to Studebaker-Packard Corp. Pump check valve. 2,769,458, 11-6-56, Cl. 137-512.
- Mischke, Karl. Revolvable chair. 2,764,223, 9-25-56, Cl. 155-95.
- Mishoon, Lester: *See—*  
Mishoon, Sam and L., and Agulnek. 2,770,117.
- Mishoon, Lester, to Supreme Knitting Machine Co., Inc. Knitting jack. 2,765,641, 10-9-56, Cl. 66-50.
- Mishoon, Sam and L., and H. Agulnek, to Supreme Knitting Machine Co., Inc. Yarn rack for circular knitting machine. 2,767,417, 11-13-56, Cl. 66-125.
- Misic, Donald M., to American Steel Foundries. Crank type axle and suspension assembly. 2,738,203, 3-13-56, Cl. 280-104.5.
- Misley, Robert G., and J. R. MacRill, to Crown Zellerbach Corp. Citrus fruit packaging paper and method of mould control therefor. 2,746,872, 3-22-56, Cl. 99-171.
- Missien, Edward J., to Syntro Co. Assay test sieve shaker. 2,730,236, 1-10-56, Cl. 209-237.
- Mission Industries: *See—*  
Van Dusen, Laurence W. 2,760,648.
- Misson, William H., to Zip Products Co. Staple remover. 2,762,603, 9-11-56, Cl. 254-28.
- Missouri Automatic Control Corp.: *See—*  
Garner, Claude M. 2,733,012.
- Garner, Claude M., and Allan. 2,739,204.
- Garner, Claude M., Roos, Wright, and Fleer. 2,735,047.
- Lindberg, Allan W., and Rombach. 2,729,281.
- Lindberg, Allan W., and Watson. 2,739,280.
- Rennecamp, Clarence C. 2,767,922.
- Mistretta, Vincent F.: *See—*  
Mistretta, Vincent F., and Mistretta. 2,739,143.
- Miszka, Victor J., to Hindu Incentive Mfg. Co. Incentive briquette. 2,770,854, 11-20-56, Cl. 21-116.
- Mitcham, George E., to Humphreys & Glasgow Ltd. Control means for operating a pilot device. 2,764,182, 9-25-56, Cl. 17-654.
- Mitchell, Boris J., to General Motors Corp. Combustion chamber. 2,749,899, 6-12-56, Cl. 123-191.
- Mitchell, Boris J., to General Motors Corp. Combustion chamber. 2,749,900, 6-12-56, Cl. 123-191.
- Mitchell, Boris J., to General Motors Corp. Combustion chamber. 2,749,901, 6-12-56, Cl. 123-191.
- Mitchell Camera Corp.: *See—*  
Mitchell, George A. 2,735,333.
- Mitchell, Charles, and E. F. Bushman, to General American Transportation Corp. Molded plastic containers and methods of making the same. 2,770,386, 11-13-56, Cl. 220-4.
- Mitchell, Charles B.: *See—*  
Nunn, David H., and Mitchell. 2,758,769.
- Mitchell, Colin C. Dashpot with air separator. 2,748,897, 6-5-56, Cl. 188-87.
- Mitchell, Colin C. Method of producing metallic strip. 2,761,208, 9-4-56, Cl. 29-475.
- Mitchell, Doren, E. Vroom, and W. R. Young, Jr., to Bell Telephone Laboratories, Inc. Multichannel radiant energy signaling system. 2,733,337, 1-31-56, Cl. 250-6.
- Mitchell, Frederick G. Conveyor for loose materials in bulk. 2,767,877, 9-25-56, Cl. 198-218.
- Mitchell, George A., to Mitchell Camera Corp. Motion picture-television system with intermittent film movement. 2,735,333, 2-21-56, Cl. 88-18.4.
- Mitchell, George E.: *See—*  
Johnston, Robert H., and Mitchell. 2,745,889.
- Mitchell, George R., and N. H. Sherwood, to The B. F. Goodrich Co. Rubbery interpolymers of a butadiene 1,3 hydrocarbon, an alkyl acrylate and a styrene hydrocarbon. 2,744,099, 5-1-56, Cl. 260-80.7.
- Mitchell, George W. Clearer roll stripping apparatus. 2,751,821, 6-26-56, Cl. 15-267.
- Mitchell, George W. Method of stripping clearer rolls. 2,752,273, 6-26-56, Cl. 134-21.
- Mitchell, Gerald A.: *See—*  
Coyne, Cornelius L., Jr., and Mitchell. 2,747,961.
- Mitchell, Gerald A., and N. V. Yost, to Western Electric Co., Inc. Magnetizing apparatus. 2,751,526, 6-19-56, Cl. 317-203.
- Mitchell, Harry A., and H. C. Riemann, to The Fulton Co. Coupling ball and method production. 2,768,848, 10-30-56, Cl. 287-87.
- Mitchell, Henry R.: *See—*  
Saiser, Daniel T., and Mitchell. 2,766,934.
- Mitchell, James I., to Bendix Aviation Corp. Hand and power operated gearing. 2,753,736, 7-10-56, Cl. 74-625.
- Mitchell, James M. Clothes drier attachment. 2,744,636, 5-8-56, Cl. 211-108.
- Mitchell, John A.: *See—*  
Saiser, Harold R., and Mitchell. 2,743,325.
- Mitchell, John E., Co.: *See—*  
Mitchell, Orville. 2,729,068.
- Mitchell, Orville. 2,733,480.
- Mitchell, Orville. 2,736,069.
- Mitchell, Orville. 2,752,941.
- Mitchell, Orville, and Anderson. 2,766,593.
- Mitchell, Orville, and Walton. 2,739,353.
- Mitchell, John H. Automatic releasing hook. 2,771,816, 11-20-56, Cl. 294-83.
- Mitchell, John W.: *See—*  
Wood, John W., Pontaine, and Mitchell. 2,734,816.
- Mitchell, Kearney F., Apparatus for treating petroleum. 2,749,289, 6-5-56, Cl. 196-106.
- Mitchell, Lee W., to The Gates Rubber Co. Airbag. 2,729,854, 1-10-56, Cl. 18-45.
- Mitchell, Len B.: *See—*  
Schaske, William G., and Mitchell. 2,771,588.
- Mitchell, Lester F.: *See—*  
Gruber, John H., and Mitchell. 2,746,388.
- Mitchell, Lester F., to Addressograph-Multigraph Corp. Clamp for master sheets of printing machines. 2,730,948, 1-1-56, Cl. 101-415.1.
- Mitchell, Lester F., to Addressograph-Multigraph Corp. Clamp for master sheets of printing machine. 2,730,949, 1-17-56, Cl. 101-415.1.
- Mitchell, Lester F., and E. J. Janke, to Addressograph-Multigraph Corp. Sheet receiving tray for rotary printing machine. 2,770,192, 11-13-56, Cl. 101-240.
- Mitchell Maintenance Co., Inc.: *See—*  
Mitchell, Maurice E. 2,749,188.
- Mitchell, Maurice E. 2,767,032.
- Mitchell Mfg. Co.: *See—*  
Blank, Peter. 2,730,418.
- Mitchell, William. 2,730,417.
- Mitchell, Maurice E., to Mitchell Maintenance Co., Inc. Utility pole service equipment. 2,749,188, 6-5-56, Cl. 304-9.
- Mitchell, Maurice E., to Mitchell Maintenance Co., Inc. Platform for painting poles. 2,767,032, 10-16-56, Cl. 304-9.
- Mitchell, Melville J.: *See—*  
Klemm, Herman G., and Mitchell. 2,749,995.
- Mitchell, Melville J., to Harry Ferguson, Inc. Transportable engine mounting. 2,749,823, 6-12-56, Cl. 97-34.
- Mitchell, Melville J., to Harry Ferguson, Inc. Drive mechanism for implements side-mounted on tractors. 2,756,831, 7-31-56, Cl. 180-14.
- Mitchell, Milton E., Jr., to Esso Research and Engineering Co. Recovery of casing from wells. 2,746,550, 5-22-56, Cl. 166-4.
- Mitchell, Orson L. Gravity actuated delay timer. 2,743,775, 4-5-56, Cl. 161-1.
- Mitchell, Orville, to John E. Mitchell Co. Combination liquid fuel vaporizer and storage tank. 2,729,068, 1-3-56, Cl. 62-1.
- Mitchell, Orville, to John E. Mitchell Co. Extractor-feeder for rubber-tapped cotton. 2,733,480, 2-7-56, Cl. 19-37.
- Mitchell, Orville, to John E. Mitchell Co. Automatic control for cotton processing equipment. 2,736,069, 2-28-56, Cl. 19-69.
- Mitchell, Orville, to J. E. Mitchell Co. Balanced pressure regulator. 2,752,941, 7-3-56, Cl. 137-505.18.
- Mitchell, Orville, and E. G. Walton, Jr., to John E. Mitchell Co. Stick remover for cotton cleaning machinery. 2,739,353, 3-27-56, Cl. 19-1.
- Mitchell, Orville, and R. V. Anderson, to The John E. Mitchell Co. Automatic refrigeration system. 2,766,593, 10-16-56, Cl. 62-3.
- Mitchell, Presse B. Pipe aligning tools. 2,737,141, 3-6-56, Cl. 113-103.
- Mitchell, Presse B. Pipe aligning tools. 2,739,559, 3-27-56, Cl. 113-103.
- Mitchell, Reginald F. Optical angle setting and aligning device. 2,751,158, 12-25-56, Cl. 85-2.3.
- Mitchell, Reginald F.,  $\frac{1}{2}$  to R. C. Matteson, and  $\frac{1}{2}$  to S. D. Matteson, Jr. Portable boat speedometer. 2,733,601, 2-7-56, Cl. 73-182.
- Mitchell, Reid L.: *See—*  
Schlosser, Paul H., and Mitchell. 2,744,292.
- Schlosser, Paul H., Mitchell, and Bampton. 2,762,795.
- Mitchell, Richard S. M. Apparatus for drying hair. 2,747,296, 5-29-56, Cl. 34-90.
- Mitchell, Robert: *See—*  
Staples, Gordon F., and Mitchell. 2,771,803.
- Mitchell, Robert Co., Ltd.: *See—*  
Ranger, Eugene. 2,753,920.
- Sonthelm, Herman W. 2,747,745.
- Mitchell, Robert D. Device for computing relative motion problems. 2,767,913, 10-23-56, Cl. 235-61.
- Mitchell, Robert L., and O. V. Luke, to Celanese Corp. of America. Production of oxygenated hydrocarbons. 2,770,637, 11-13-56, Cl. 260-451.
- Mitchell, Robert M., to Collins Radio Co. Distance measuring system. 2,766,449, 10-9-56, Cl. 343-7.5.
- Mitchell, Theodore. Paint spray device. 2,775,481, 12-25-56, Cl. 299-58.

- Mitchell, Walter G., to Thor Power Tool Co. Tool for installing tubular rivets. 2,753,072, 7-3-56, Cl. 218-45.
- Mitchell, William, to Mitchell Mfg. Co. Leg and bracing mechanism for sectional folding tables or the like. 2,730,417, 1-10-56, Cl. 311-92.
- Mitchell, William. Foundation shoulder pads. 2,763,870, 9-25-56, Cl. 2-255.
- Mitchell, William B. Automatic baler. 2,730,062, 1-10-56, Cl. 114-185.
- Mitchell, William F., and J. A. Grant-MacKay, to The Pennsylvania Salt Mfg. Co. Production of hydrogen fluoride. 2,753,245, 7-3-56, Cl. 23-153.
- Mitchison, Litchford. National Foam System, Inc. Fire extinguishing foam apparatus. 2,737,413, 3-6-56, Cl. 299-84.
- Mitnick, Albert M.: *See*—
- Fogal, Gordon L., and Mitnick. 2,730,315.
- Mitnik, William P., to Gilbert & Barker Mfg. Co. Pump-control and register-resetting interlock for liquid dispensing apparatus. 2,762,186, 4-17-56, Cl. 222-34.
- Mito, Sanai, E. Takeuchi, and N. Fukunaka, to Shibata Gomu Kogyo Kabushiki-Kaisha (Shibata Rubber Industries Ltd.). Apparatus for electrically perforating polymer sheet material. 2,763,759, 9-18-56, Cl. 219-9.
- Mitra, Himansu K. Refractory and process for making same. 2,759,833, 8-21-56, Cl. 106-59.
- Mitra, Himansu K. Refractory and process for making same. 2,759,834, 8-21-56, Cl. 106-59.
- Mitra, Himansu K. Refractory and process for making same. 2,759,835, 8-21-56, Cl. 106-59.
- Mittag, Albert H., and B. D. Bedford, to General Electric Co. Magnetic saturation of positive and negative ignitor firing pulses. 2,759,125, 8-14-56, Cl. 315-252.
- Mittag, Friedrich C. J., and G. H. Weinrich, to Kloeckner-Humboldt-Deutz Aktiengesellschaft. Vibrating crusher. 2,760,729, 8-28-56, Cl. 241-137.
- Mittag, Heinz.: *See*—
- Niepmann, Friedrich and O., Hahn, and Mittag. 2,763,899.
- Mittag, Hermann, to Robert Bosch G. m. b. H. Voltage regulators for dynamo-electric machines. 2,774,029, 12-11-56, Cl. 322-25.
- Mittelmann, Eugene, to Erdco Engineering Corp. Magnetic flowmeter. 2,734,380, 2-14-56, Cl. 73-194.
- Mittelsdorf, Louis M.: *See*—
- Hickey, John E., and Mittelsdorf. 2,772,326.
- Mittelsdorf, Clarence F., to Blaw-Knox Co. Conditioner for smoothing and vibrating concrete. 2,744,456, 5-8-56, Cl. 94-48.
- Mitten, Frank P. Spring support for sign characters. 2,765,986, 7-24-56, Cl. 10-142.
- Mitten, Horace L., Jr.: *See*—
- Hanson, Rodney L., and Mitten. 2,748,802.
- Mittendorf, William R.: *See*—
- Duncan, Dan B., and Mittendorf. 2,749,717.
- Mittenein, Michael, and H. Gobel, to AVE Transportmittel Holding A. G. Undercarriage for vehicles designed to run over uneven ground and, in particular, up and down stairs. 2,770,464, 11-13-56, Cl. 280-528.
- Mittenzwei, Edwin F.: *See*—
- Le Compte, Frank M., Woolf, and Mittenzwei. 2,742,248.
- Mittermaier, Armin F.: *See*—
- Clark, James R., and Mittermaier. 2,741,528.
- Mitton, Horald. Liquid soap dispenser. 2,751,127, 6-19-56, Cl. 222-386.
- Miura, Noboru, and H. Oketani,  $\frac{1}{2}$  to N. Yamamoto and S. Ota. Stepless speed-change mechanism. 2,772,580, 12-4-56, Cl. 74-675.
- Miville, Maurice E., to The Pennsylvania Salt Mfg. Co. Preparation of 2-bis-(2'-hydroxy-5-chlorophenyl)-1,1,1-trichloroethane. 2,766,293, 10-9-56, Cl. 260-619.
- Mixer, Harold P.: *See*—
- Dreher, Elmer H., and Mixer. 2,755,860.
- Mixer, Harold P., to Sperry Rand Corp. Supplemental data entering mechanism for tabulators or the like. 2,764,345, 9-25-56, Cl. 235-616.
- Mixer, Robert Y.: *See*—
- Barusch, Maurice R., and Mixer. 2,763,537.
- Miyaji, Koichi, to Japan Broadcasting Corp. System of controlling electron current in multiple electrode tubes. 2,731,562, 1-17-56, Cl. 250-36.
- Miyaji, Seiichi. Rubber sandal. 2,758,395, 8-14-56, Cl. 36-11.5.
- Miyazaki, Kazuhide. Special internal engaging gear set. 2,750,807, 6-19-56, Cl. 74-457.
- Mizzv, Inc.: *See*—
- Reisenberg, Julian R. 2,767,207.
- Saape, Karl W. 2,730,804.
- Moak, Chester J.,  $\frac{1}{4}$  to H. L. Glidden. Emergency electric lantern. 2,744,157, 5-1-56, Cl. 240-818.
- Mohr, Lt. Harry L., to Atlas Powder Co. Explosive assembly. 2,733,658, 2-2-56, Cl. 102-24.
- Moberley, Wyndham.: *See*—
- Madge, Evelyn W., Moberley, and Tienham. 2,769,789.
- Moberg, Evan L. Key case. 2,746,282, 5-22-56, Cl. 70-456.
- Moberg, Sigurd M., to E. J. Brooks Co. Bag seal. 2,772,909, 12-4-56, Cl. 292-308.
- Moberg, Theodore E., and J. M. Sackman. Vacuum ash tray for vehicles. 2,769,447, 11-6-56, Cl. 131-256.
- Moberly, Lawrence E., to Westinghouse Electric Corp. Current collecting means for dynamoelectric machines. 2,739,254, 3-20-56, Cl. 310-228.
- Moberly, Lawrence E., to Westinghouse Electric Corp. Carbon brushes for dynamoelectric machines. 2,748,300, 5-29-56, Cl. 310-228.
- Mobile Aerial Towers, Inc.: *See*—
- Myers, Lester L. 2,758,486.
- Möbius, Walter, to Gildemeister & Co. A-G. Frame for lathes and turret lathes. 2,734,415, 2-14-56, Cl. 82-32.
- Mobley, William R. Grease and oil interceptor and method of separating fluids of different specific gravities. 2,747,736, 5-29-56, Cl. 210-56.
- Moch, Irving, Jr.: *See*—
- Kehl, George L., and Moch. 2,739,935.
- Moch, George L., and J. Short, to Westinghouse Electric Corp. Gear wheel and method of making. 2,756,607, 7-31-56, Cl. 74-439.
- Mochel, Walter E., and C. Weaver, to E. I. du Pont de Nemours and Co. Silver halide emulsions of polyvinyl acetal polymers. 2,753,264, 7-3-56, Cl. 95-7.
- Mock, Frank C.: *See*—
- Smith, Stanley B., and Mock. 2,752,900.
- Mock, Frank C., to Bendix Aviation Corp. Afterburning and exhaust nozzle controls for gas turbine engine. 2,736,166, 2-28-56, Cl. 60-35.6.
- Mock, Frank C., and T. J. Thompson, to Bendix Aviation Corp. Tailpipe or afterburning control for turbojet engines. 2,774,215, 12-18-56, Cl. 60-35.6.
- Mock, Gene V.: *See*—
- England, David C., and Mock. 2,736,739.
- Mock, Henry C. Sealing ring extractor. 2,758,651, 8-14-56, Cl. 164-73.
- Mock, Joseph P. Cabinet drawer stop construction. 2,730,423, 2-28-56, Cl. 312-436.
- Mockrin, Isadore.: *See*—
- La Lande, William A., Jr., and Mockrin. 2,750,279.
- Model, Robert S.: *See*—
- Kyselka, James L., and Kent. 2,752,090.
- Kyselka, James L., and Kent. 2,755,017.
- Model Engineering & Mfg. Inc.: *See*—
- Steele, Horace M. 2,749,416.
- Model, Ernst.: *See*—
- Bindler, Jakob, and Model. 2,745,877.
- Schetty, Guido, Stambach, and Model. 2,730,554.
- Modern Plastics Corp.: *See*—
- Cohn, David. 2,733,547.
- Cohn, David. 2,753,659.
- Cohn, David. 2,754,021.
- Cohn, David. 2,758,416.
- Modell, Mark G. Thermometer illuminating device. 2,761,057, 8-28-56, Cl. 240-6.4.
- Modern Aircraft Corp.: *See*—
- Kinsh, Arthur H. 2,767,441.
- Modern Carpet Sweeper Co., Inc.: *See*—
- Klumb, Emil. 2,745,125.
- Modern Display Co., Inc.: *See*—
- Knudsen, Earl. 2,757,469.
- Modern Dust Bag Co., Inc.: *See*—
- Freschl, William W. 2,752,086.
- Modern Equipment Co.: *See*—
- Gionet, Leo A. 2,772,006.
- Modern Faucet Mfg. Co.: *See*—
- Bletcher, Ralph E., and Ward. 2,741,258.
- Bletcher, Ralph E., and Ward. 2,769,454.
- Modern Metal Craftsmen, Inc.: *See*—
- Smith, Harvey J. 2,765,206.
- Ty, Andrew T. 2,767,669.
- Modern Metal Products Co.: *See*—
- Smith, Harvey J. 2,743,039.
- Modern Millinery Box Corp.: *See*—
- Bennett, David. 2,766,875.
- Modern Plastic Machinery Corp.: *See*—
- Rothacker, Francis N. 2,760,046.
- Tornberg, Henning T. 2,772,733.
- Modern Products Mfg. Corp.: *See*—
- Von Duyke, Harrison M. 2,770,271.
- Von Duyke, Harrison M. 2,770,588.
- Modern Tackle Co.: *See*—
- Belokin, Paul, Jr. 2,738,026.
- Modern Telephones (Great Britain) Ltd.: *See*—
- Adler, Adolf E. 2,764,632.
- Adler, Adolf E. 2,764,637.
- Modern Village Stores, Inc.: *See*—
- Crawford, Wayland H. 2,755,909.
- Crawford, Wayland H. 2,755,910.
- Crawford, Wayland H. 2,766,843.
- Modern-Woodmanse Mfg. Co.: *See*—
- Staben, Carlton L. 2,730,326.
- Modes, Edward E., to Jas. P. Marsh Corp. Retard pressure gauge. 2,737,811, 7-13-56, Cl. 73-397.
- Modes, Edward S. Movable guard structure for windows. 2,772,452, 12-4-56, Cl. 20-71.
- Modiano, Victor J., to Sperry Rand Corp. Synchronized oscillator. 2,772,359, 11-27-56, Cl. 250-36.
- Modic, Joseph, Jr., to Tudor Metal Products Corp. Playing piece for game. 2,772,512, 12-4-56, Cl. 46-1.
- Modigliani, Piero, to Johns-Manville Corp. Method for making unweaved fabrics. 2,729,582, 1-3-56, Cl. 154-90.
- Modin, John. Welding helmets. 2,762,048, 9-11-56, Cl. 2-5.
- Modine, Arthur B., to Modine Mfg. Co. Combustion type heater. 2,751,900, 6-26-56, Cl. 126-110.
- Modine, Arthur B., to Modine Mfg. Co. Convector. 2,752,125, 6-26-56, Cl. 257-136.
- Modine, Arthur B., to Modine Mfg. Co. Convector or other heat exchange device. 2,752,129, 6-26-56, Cl. 257-256.



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- Dedo, Lewis J. 2,752,128.  
 Modine, Arthur B. 2,751,900.  
 Modine, Arthur B. 2,752,125.  
 Modine, Arthur B. 2,752,129.  
 Truran, George H. 2,765,761.  
 Modlin, Philip W., to A. O. Juul. Bicycle noisemaker. 2,743,136, 2-28-56, Cl. 46-173.  
 Modrey, Henry J., to Interlock Corp. Self locking connecting device for detachably connecting two elements. 2,730,687, 1-10-56, Cl. 339-91.  
 Modrey, Henry J. Electrical connecting means and contact elements of such means. 2,764,747, 9-25-56, Cl. 339-12.  
 Modrey, Henry J., and J. F. Healy, to Interlock Corp. Self-locking connector. 2,739,292, 3-20-56, Cl. 339-176.  
 Modrey, Henry J., and J. F. Healy, to Interlock Corp. Crimping tool for crimping the terminal sleeve of an electric power connector plug. 2,763,171, 9-18-56, Cl. 81-15.  
 Moock, Adam. Douche syringe. 2,748,770, 6-5-56, Cl. 128-251.  
 Moede, Jerome A., to E. I. du Pont de Nemours and Co. Method of making a silver halide emulsion. 2,772,165, 11-17-56, Cl. 114-14.  
 Moehl, Reno W., to Universal Oil Products Co. Method of forming spherical inorganic oxide particles. 2,759,898, 8-21-56, Cl. 252-448.  
 Moehlmann, Carl T., to Central Mine Equipment Co. Mining machine bit. 2,765,138, 10-2-56, Cl. 362-33.  
 Moehring, Otmar L., to See—  
 Doeppke, Charles W., and Moehring. 2,754,998.  
 Doeppke, Charles W., and Moehring. 2,755,001.  
 Moeller, Arthur E. Fuse holder. 2,759,065, 8-14-56, Cl. 200-131.  
 Moeller, Axel, to Moeller Mfg. Co. Stopper for vacuum bottles. 2,729,853, 1-3-56, Cl. 215-53.  
 Moeller, Axel, to Ludwig Mfg. Co. Screen and storm sash fastener. 2,740,652, 4-3-56, Cl. 292-204.  
 Moeller, Axel, to Ludwig Mfg. Co. Screen and storm sash fastener. 2,740,653, 4-3-56, Cl. 292-204.  
 Moeller, Axel, to Muel Mfg. Co., Inc. Adjustable pre-set plug. 2,760,667, 8-28-56, Cl. 215-53.  
 Moeller, Axel, to Moeller Mfg. Co., Inc. Sewer plug stopper. 2,773,619, 12-11-56, Cl. 220-24.5.  
 Moeller, Carl A.: See—  
 Claif, Clarence L., and Moeller. 2,771,236.  
 Claif, Clarence L., and Moeller. 2,774,285.  
 Claif, Clarence L., and Moeller. 2,775,199.  
 Moeller, Harry A., to The Buckeye Steel Castings Co. Equalized railway truck. 2,744,471, 5-8-56, Cl. 105-194.  
 Moeller Mfg. Co.: See—  
 Moeller, Axel. 2,729,353.  
 Moeller Mfg. Co., Inc.: See—  
 Moeller, Axel. 2,760,667.  
 Moeller, Axel. 2,773,619.  
 Moeller, William C., to Parmelee Plastics Co. Partial frame type spectacles having removable shield section. 2,770,806, 11-20-56, Cl. 12-12.  
 Moelter, Gregory M.: See—  
 White, Blanche B., Moelter, and Rosen. 2,775,584.  
 Moeltzner, Wilhelm: See—  
 Plagemann, Werner, and Moeltzner. 2,737,833.  
 Moen, Anver B. Rotary valve mixing faucet. 2,757,687, 8-7-56, Cl. 137-625.41.  
 Moen, Anver B. Rotary snow plow. 2,736,111, 2-28-56, Cl. 37-43.  
 Moen, Rolf, to General Mills, Inc. Broken wheat recovery system, including tempering and impacting, and separating of shattered weed seeds from wheat seeds. 2,742,235, 4-17-56, Cl. 241-9.  
 Moen, Rolf, to General Mills, Inc. Separator. 2,770,360, 11-13-56, Cl. 209-139.  
 Moennig, William K., and O. C. Holbrook, to The Pure Oil Co. Mounting oil well cores. 2,769,335, 11-6-56, Cl. 73-38.  
 Moergell, Eduard: See—  
 Siegrist, Adolf E., Moergell, and Hoelzle. 2,765,304.  
 Moergell, Eduard, to Ciba Ltd. Process for the manufacture of anthraquinone vat dyestuffs. 2,763,667, 9-18-56, Cl. 260-377.  
 Moergell, Eduard, A. E. Siegrist, and K. Hoelzle, to Ciba Ltd. Anthraquinone vat dyestuffs. 2,741,621, 4-10-56, Cl. 260-307.5.  
 Moerk, John C., to Fairbanks, Morse & Co. Submersible motor cooling. 2,735,026, 2-14-56, Cl. 310-54.  
 Moerkens, Josef C.: See—  
 Hehenkamp, Theodor, and Moerkens. 2,763,810.  
 Moerkens, Josef C., to Hartford National Bank and Trust Co. as trustee. Electric discharge lighting apparatus. 2,760,118, 8-21-56, Cl. 815-138.  
 Moerkens, Josef C., and T. Hehenkamp, to Hartford National Bank and Trust Co. as trustee. Selective switching system for voltage regulation. 2,752,557, 6-26-56, Cl. 323-43.5.  
 Moersch, George W., and A. C. Moore, to Parke, Davis & Co. Process for the production of  $\Delta^4$ -oxazolones. 2,759,001, 8-14-56, Cl. 260-307.  
 Moes, Geert: See—  
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 Moesch, Ernest R., to Marbac Corp. Cup dispenser. 2,736,268, 1-10-56, Cl. 221-221.  
 Moesinger, Fred, Jr., to Union Carbide and Carbon Corp. Refractory-metal body scaring pneumatic powder dispensing apparatus. 2,743,964, 5-1-56, Cl. 302-53.

- Moesser, Gerard, to Hartford National Bank and Trust Co. as trustee. Tightening member for filaments. 2,770,753, 11-13-56, Cl. 313-275.  
 Moessen, Gustave W., to E. I. du Pont de Nemours and Co. Photographic silver halide emulsions containing phytic acid. 2,757,088, 7-31-56, Cl. 95-7.  
 Moessner, Gustave W., to E. I. du Pont de Nemours and Co. Phytic acid sensitizer for silver halide emulsions. 2,757,089, 7-31-56, Cl. 95-7.  
 Moffats Ltd.: See—  
 Slate, Raymond N. 2,732,467.  
 1-Smith, Elmore S. 2,732,476.  
 Moffatt, Chester Co., to Bohm Aluminum & Brass Corp. Method of producing a multilayer strip. 2,735,170, 2-21-56, Cl. 29-488.  
 Moffett, Eugene W., and E. E. Parker, to Pittsburgh Plate Glass Co. Polyester products, including di- and triisobutyl succinic acid as components. 2,760,948, 8-28-56, Cl. 260-48.  
 Moffett, Fred P.: See—  
 Cathcart, Jack F. 2,750,941.  
 Moffett, George B.: See—  
 Martin, Lewis C., Moffett, and Erickson. 2,745,557.  
 Moffett, George B., to Power transmission mechanism. 2,743,625, 5-1-56, Cl. 74-752.  
 Moffett, Harry. Tool for twisting fence wire securing staples. 2,757,693, 8-7-56, Cl. 140-57.  
 Moffett, Thomas F. Chum basket. 2,729,912, 1-10-56, Cl. 43-2-49.  
 Moffitt, Merritt L., Jr.: See—  
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 Stein, Henry E., Mog, and Stertz. 2,743,604.  
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 Mohasco Industries, Inc.: See—  
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 Rice, Walter A. 2,748,444.  
 Mohaupt, Henry H., and B. Gilbert, to Volex Jet Services, Inc. Jet carrier sealing plug. 2,765,739, 10-9-56, Cl. 102-20.  
 Mohawk Cabinet Co., Inc.: See—  
 Hoye, Theodore B., and Robinson. 2,750,758.  
 Shuttlesworth, Howard L. 2,740,430.  
 Mohler, Wayne. Reversing mechanism for power lawn mowers. 2,740,485, 4-3-56, Cl. 180-19.  
 Mohler, William F.,  $\frac{1}{2}$  to J. and  $\frac{1}{2}$  to B. Vedder. Air-operated motor. 2,751,889, 6-26-56, Cl. 121-157.  
 Mohler, William F.,  $\frac{1}{2}$  to J. and  $\frac{1}{2}$  to B. Vedder. Fluid actuated motor. 2,751,891, 6-26-56, Cl. 121-164.  
 Mohr, Henry L., to York-ShIPLEY, Inc. Surface type burner control. 2,738,132, 3-13-56, Cl. 236-9.  
 Mohr, Albert, Jr., and J. P. Grilli, to John Mohr and Sons. Program control and indicating system. 2,773,610, 12-11-56, Cl. 214-19.  
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 Mohr, Glenn R., to Westinghouse Electric Corp. Plate voltage and current control. 2,748,241, 5-29-56, Cl. 219-10.77.  
 Mohr, Gustav: See—  
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 Mohr, Wilfred J., to The Patent and Licensing Corp. Latex-aluminous cement coating composition. 2,742,441, 4-17-56, Cl. 260-8.  
 Mohr, William R.: See—  
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 Miskelbus, Olav, to National Lead Co. Reduction of iron ores. 2,765,988, 10-9-56, Cl. 241-14.  
 Moksleust, Olav, and A. G. Oppegard, to National Lead Co. Concentration of iron ores. 2,771,354, 11-20-56, Cl. 75-33.  
 Moku, Walter H., to Metals & Controls Corp. Thermostatic switch. 2,767,284, 10-16-56, Cl. 200-138.  
 Molene, Jude M., and D. B. Martin. Road grading attachment. 2,746,181, 5-22-56, Cl. 37-153.  
 Moler, Charles C., to Overhead Door Corp. Mounting for manually sliding doors in a single door opening. 2,738,004, 3-13-56, Cl. 160-113.

- Molnare, Anthony W. Earth tilling and fertilizing tool. 2,737,318. 3-6-56, Cl. 222-191.
- Molnari, Henry G., to Becton, Dickinson and Co. Hypodermic needle and cannula cleaning apparatus. 2,748,538. 6-5-56, Cl. 51-15.
- Molnari, Henry G., to Becton, Dickinson and Co. Apparatus for cleaning hypodermic needles. 2,761,250. 9-4-56, Cl. 51-8.
- Molnari, Henry G., and J. V. Magrath, to Becton, Dickinson and Co. Glass syringe barrel forming method and machine. 2,771,710. 11-27-56, Cl. 1-26.
- Moline, Elliott, to F. L. Young. Outboard motor overdrive unit. 2,774,249. 12-18-56, Cl. 74-359.
- Moline Tool Co., The. See—
- Molinger, Richard H. 2,771,172.
- Moline, Walter E., F. M. Clinechens, to The National Cash Register Co. Method of electroplating cobalt-nickel composition. 2,730,491. 1-10-56, Cl. 204-43.
- Molins, Desmond W., to Molins Machine Co., Ltd. Tobacco-feeding apparatus. 2,736,319. 2-28-56, Cl. 131-109.
- Molins, Desmond W., to Molins Machine Co., Ltd. Method of and apparatus for making mouthpiece cigarettes. 2,742,905. 4-24-56, Cl. 131-61.
- Molins, Desmond W., to Molins Machine Co., Ltd. Delivery of cigarettes to a cigarette-packing machine. 2,745,410. 5-15-56, Cl. 131-21.
- Molins, Desmond W., to Molins Machine Co., Ltd. Method of and apparatus for making mouthpiece cigarettes of oval cross-section. 2,748,776. 6-5-56, Cl. 131-61.
- Molins, Desmond W., to Molins Machine Co., Ltd. Cutting devices. 2,752,741. 7-3-56, Cl. 51-247.
- Molins, Desmond W., to Molins Machine Co., Ltd. Apparatus for feeding cut tobacco. 2,752,922. 7-3-56, Cl. 131-109.
- Molins, Desmond W., to Molins Machine Co., Ltd. Machines for manipulating cut tobacco. 2,759,108. 8-14-56, Cl. 250-83.8.
- Molins, Desmond W., and G. F. W. Powell, to Molins Machine Co., Ltd. Machine for manipulating cut tobacco. 2,737,186. 3-6-56, Cl. 131-21.
- Molins, Desmond W., to F. Ruau, and N. W. Jackson, to Molins Machine Co., Ltd. Manufacture of mouthpiece cigarettes. 2,762,374. 9-11-56, Cl. 131-61.
- Molins, Desmond W., and F. F. Ruau, to Molins Machine Co., Ltd. Apparatus for making a continuous tobacco filler. 2,766,758. 10-16-56, Cl. 131-84.
- Molins Machine Co., Ltd. See—
- Hall, Charles T. 2,742,079.
- Hall, Charles T. 2,763,893.
- Kemp, William J. 2,759,309.
- Molins, Desmond W. 2,736,319.
- Molins, Desmond W. 2,742,905.
- Molins, Desmond W. 2,745,410.
- Molins, Desmond W. 2,748,776.
- Molins, Desmond W. 2,752,741.
- Molins, Desmond W. 2,752,922.
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- Molins, Desmond W., and Ruau. 2,766,758.
- Molins, Desmond W., Ruau, and Jackson. 2,762,374.
- Powell, Gordon F. W. 2,757,675.
- Rowlands, Tom, and Dobson. 2,735,732.
- Moll, Bernhard, and O. Kriegbaum,  $\frac{1}{2}$  to Union Rheinische Braunkohlen Kraftstoff Aktiengesellschaft, and  $\frac{1}{2}$  to O. Kriegbaum. Method for forming and renewing wells. 2,768,694. 10-30-56, Cl. 166-43.
- Moll, Harry J. See—
- Hawthorne, Omer V. 2,733,030.
- Molla, Charles P. See—
- Applegate, Raymond P. 2,765,141.
- Molla, Pietro, to S. A. F. F. A. S. p. A. Fabbriche Fiammiferi ed Affini. Machine for the application of igniter discs to cigarettes. 2,760,494. 8-28-56, Cl. 131-88.
- Molla, Pietro, to S. A. F. F. A. S. p. A. Fabbriche Fiammiferi ed Affini. Machine for the automatic closed ring jointing of pliable sheets. 2,764,919. 10-2-56, Cl. 93-77.
- Moller, Clifford B. Pump head mounting. 2,741,187. 4-10-56, Cl. 103-150.
- Moller, Fredric D. See—
- Versoy, Irving R., and Moller. 2,762,686.
- Müller, Hugo, to Svenska Aeroplan Aktiebolaget. Hydraulic forming attachment for presses. 2,761,404. 9-4-56, Cl. 113-44.
- Müller, Hugo, to Svenska Aeroplan Aktiebolaget. Hydraulic forming attachment for presses. 2,761,405. 9-4-56, Cl. 113-44.
- Möller, Karl. See—
- Sus, Oskar, and Möller. 2,773,766.
- Möller, Kasper F., to Western Electric Co., Inc. Device for orienting and feeding articles. 2,770,352. 11-13-56, Cl. 198-54.
- Möller, Paul. See—
- Horele, Ludwig, Jehle, Kunz, Möller, and Schlack. 2,733,122.
- Möller, Wilhelm, to Dr. O. H. Dräger. Insufflation apparatus. 2,762,917. 7-3-56, Cl. 128-184.
- Möllerling, Karl F. See—
- Koch, Heinrich, Füllnis, and Möllerling. 2,766,753.
- Müllers, Josef, to Hartford National Bank and Trust Co., as trustee. Device for the manufacture of ceramic mouldings. 2,770,025. 11-13-56, Cl. 25-27.
- Mollers, Josef, and E. Seidel, to Hartford National Bank and Trust Co., as trustee. Method of applying an epoxy resin to a base and curing said resin. 2,772,186. 11-27-56, Cl. 117-103.
- Mollic, Leon. See—
- Zettlin, Alexander, Mollic, and Morrison. 2,756,589.
- Molnar, Imre, to Automatic Electric Laboratories, Inc. Carrier type intertoll dialing telephone system. 2,744,965. 5-8-56, Cl. 179-27.
- Molnar, John. See—
- Clark, Robert, and Molnar. 2,756,870.
- Molnar, Steven. Automatic kaleidoscope and enlarging projection device. 2,757,570. 8-7-56, Cl. 88-24.
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- Muschong, Peter W. 2,773,152.
- Woolley, William C. 2,769,136.
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- Nicolaus, Frank G. 2,751,461.
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- Monaco, Gabriel R. See—
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- Guschung, Nagle V. 2,755,135.
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- Dodsworth, James W. 2,756,926.
- Duke, Harvie J. 2,748,916.
- Fleming, Howard M., Jr. 2,759,171.
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- Allen, Lyman S. 2,741,600.
- Allen, Tuill C., and Chadwick. 2,733,254.
- Alt, Arthur. 2,774,791.
- Baer, Massimo. 2,750,351.
- Barkley, Lloyd B. 2,749,367.
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- Barnes, Marion D. 2,762,698.
- Barnes, Marion D., and Lea. 2,762,294.
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- Belt, Salem F. 2,752,383.
- Bennett, George E., and Schlesinger. 2,757,119.
- Birum, Gail H. 2,757,117.
- Birum, Gail H. 2,774,707.
- Birum, Gail H., and Kram. 2,769,777.
- Blake, Edward S., and Wineman. 2,745,745.
- Bowen, Albert H. 2,757,153.
- Boyd, Thomas. 2,769,732.
- Briskin, Joseph, and Chapin. 2,772,252.
- Brockmeyer, Dorothy J., and Meyer. 2,741,622.
- Buckley, Francis T. 2,748,945.
- Callis, Clayton F. 2,749,215.
- Cave, William T., and Herzog. 2,733,133.
- Chapin, Earl C. 2,772,253.
- Christensen, Chester W., and Zerbe. 2,768,988.
- Comer, Oscar P., and Scott. 2,772,189.
- Cohete, Frederick. 2,735,840.
- Comte, Frederick. 2,775,609.
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- Cooper, Robert H. 2,767,211.
- Couvillon, Louis J. 2,758,130.
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- D'Amico, John J. 2,733,243.
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- D'Amico, John J. 2,772,277.
- Darby, Joseph R., and Hempel. 2,757,158.
- Dazzi, Joachim. 2,745,844.
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- Dazzi, Joachim. 2,749,365.
- Dazzi, Joachim. 2,757,151.
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- Dye, William T., Jr. 2,730,541.
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- Dye, William T. 2,732,129.
- Eckert, Herman K., and McQuarrie. 2,757,797.
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- Elmer, Curtis, Anas, and Rider. 2,740,736.
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- Emerson, William S. 2,773,906.
- Emerson, William S., and Helmsch. 2,730,512.
- Emerson, William S., and Longley. 2,766,266.
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- Farrar, Martin W., and Raffelson. 2,733,265.
- Farrar, Martin W., Raffelson, and Knowles. 2,759,928.
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- Faust, Harry W. 2,763,615.
- Fike, Elmer A., and Morrill. 2,731,338.
- Fike, Elmer A., and Seaton. 2,744,874.
- Fincke, John K. 2,730,440.
- Fincke, John K. 2,769,839.
- Findlay, Gordon R., Di Pietro, and Hood. 2,760,858.
- Fraser, George L., and Elmer. 2,773,793.
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- Gaertner, Van R. 2,750,427.
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- Gamrath, Harry R. 2,750,399.
- Gamrath, Harry R. 2,764,609.
- Gamrath, Harry R., and Hutton. 2,739,977.
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- Gash, Virgil W. 2,769,822.
- Gluckenkamp, Earl W., and Kosmin. 2,765,617.
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- Gorton, Bert S., and Williams. 2,770,622.
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- Griffith, Edward J. 2,774,672.
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- Hardy, Edgar E., and Reetz. 2,770,610.
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- Hempel, August R., and Marling. 2,754,307.
- Hill, Rutherford B., and Kilbourne. 2,758,046.
- Hood, Ralph S. 2,762,093.

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 McKinley, Joseph B., and Montgomery. 2,762,854.  
 Montgomery, Donald H., C. A. Pethybridge, and G. H. Lange, to The New Britain Machine Co. Waste-processing means for a machine tool. 2,758,918, 10-9-56, Cl. 210-44.  
 Montgomery, Donald H., and C. D. Pulsifer, to The New Britain Machine Co. Stock tube. 2,771,181, 11-20-56, Cl. 203-92.  
 Montgomery, Dorothy D.: See—  
 Purcell, Edward M., and D. D. and C. G. Montgomery. 2,761,059.  
 Montgomery, Dorothy D., to the United States of America as represented by the Secretary of the Navy. Crossed wave guide variable impedance. 2,736,867, 2-25-56, Cl. 333-81.  
 Montgomery, Earle A., F. Welch, and J. L. Eitons, to The Ohio State University Research Foundation. Method of coating a metal surface. 2,775,531, 12-25-56, Cl. 117-22.  
 Montgomery Elevator Co.: See—  
 Beck, Walter. 2,744,587.  
 Beck, Walter. 2,769,050.  
 Montgomery, H. A., Co. The: See—  
 Fucinari, Angelo M. 2,774,684.  
 Wolfowitz, Wesley J. 2,763,054.  
 Montgomery, Henry M. Box means. 2,764,461, 9-25-56, Cl. 312-114.  
 Montgomery, Jack E.: See—  
 Hund, Frank C. 2,755,693.  
 Hund, Frank C. 2,756,694.  
 Montgomery, James M. Workman's safety belt. 2,753,100, 7-3-56, Cl. 227-49.  
 Montgomery, John R., to an American Totalisator Col., Inc. Continuous issue interlock. 2,745,914, 5-15-56, Cl. 200-5.  
 Montgomery, Joseph B. Toy gas pump. 2,774,183, 12-18-56, Cl. 46-39.  
 Montgomery, Marylie W., and J. N. Williams, Jr. Article protector for ironing boards and the like. 2,737,738, 3-13-56, Cl. 38-111.  
 Montgomery, Richard: See—  
 Van Hare, George, and Montgomery. 2,733,990.  
 Montgomery, Robert S.: See—  
 Lipke, Paul H., Jr., and Montgomery. 2,752,319.



- Montgomery, Robert S., to The Dow Chemical Co. Vinyl chloride polymers plasticized with a mixture of glycol dibenzoates. 2,764,571, 9-25-56, Cl. 260—31.4.
- Montgomery, Robert S., to The Dow Chemical Co. Preparation of beta-hydroxy-beta-phenyl-propionitrile and cinnamionitrile. 2,770,642, 11-13-56, Cl. 260—465.
- Montgomery, Perry B., to Allis-Chalmers Mfg. Co. Dynamoelectric machine speed control system. 2,740,079, 3-27-56, Cl. 318—308.
- Montgomery, William A., and A. D. Morgan, to International Standard Electric Corp. Devices for focussing an electron beam. 2,737,617, 3-6-56, Cl. 317—200.
- Montgomery, William G., and S. A. Huffman; said Huffman assor. to said Montgomery. Flat bed and cylinder printing press. 2,737,110, 3-6-56, Cl. 101—191.
- Montgomery, William G., and S. A. Huffman; said Huffman assor. to said Montgomery. Flat bed and cylinder printing press. 2,737,111, 3-6-56, Cl. 101—283.
- Monthan, Carl. Tree and shrub field balling machine. 2,775,428, 12-25-56, Cl. 255—39.
- Monti, Enzo, and L. Galligani. Underwater storage vessel for fluid explosives and combustibles. 2,748,739, 6-5-56, Cl. 114—5.
- Montieth, Oscar V.: *See—*
- McDowall, Charles J., and Montieth. 2,763,462.
- Monteait, Richard, to General Electric Co. Portable clock radio. 2,771,559, 11-20-56, Cl. 307—156.
- Montminy, Henry P. Method of packaging cake mix and frosting. 2,772,171, 11-27-56, Cl. 99—172.
- Mounter, Joseph, to North American Aviation, Inc. Magnetic flip-flop. 2,747,109, 5-22-56, Cl. 307—88.
- Montooth, George A., to The Brunswick-Balke-Collender Co. Pin setting apparatus for bowling alleys. 2,729,449, 1-3-56, Cl. 273—43.
- Montooth, George A., and A. M. Bowen, to The Brunswick-Balke-Collender Co. Bowling pin pickup apparatus. 2,740,631, 4-3-56, Cl. 273—43.
- Montooth, George A., and A. M. Bowen, to The Brunswick-Balke-Collender Co. Latch mechanism. 2,741,930, 4-17-56, Cl. 273—43.
- Montpas, Henri L.: *See—*
- Woodhull, Elliot H., Borden, and Montpas. 2,754,424.
- Montreal Architectural Iron Works, Ltd.: *See—*
- Lamoureux, Paul J. 2,766,511.
- Montrose Chemical Co.: *See—*
- Reisin, Jacob. 2,761,851.
- Montross, Eugene E., to The Polymer Corp. Method for handling and melting nylon to be used in molding articles. 2,757,416, 8-7-56, Cl. 18—58.
- Mood, Paul. *See—*
- Wheeler, William E. 2,755,444.
- Moody, Arthur M. G., to The Trane Co. Plural stage refrigerating apparatus. 2,746,269, 5-22-56, Cl. 62—117.6.
- Moody, Arthur M. G., to The Trane Co. Motor compressor cooling in refrigerating apparatus. 2,768,511, 10-30-56, Cl. 62—117.8.
- Moody, Arthur M. G., to The Trane Co. Cooling motor compressor unit of refrigerating apparatus. 2,770,106, 11-27-56, Cl. 62—117.8.
- Moody, Leonard E.: *See—*
- Brugmann, William H., Jr., Moody, and Hill. 2,758,972.
- Jones, Robert H., Hill, and Moody. 2,734,863.
- Moody, Leonard E., and E. B. Cyphers, to Esso Research and Engineering Co. Metal and sulfur containing compounds and lubricants containing them. 2,744,083, 5-1-56, Cl. 252—33.4.
- Moody, Henry S., to General Electric Co. Oxidation of organic compounds. 2,732,335, 1-24-56, Cl. 204—165.
- Moody, Ray H. Filtration type chemical feeder. 2,761,562, 9-4-56, Cl. 210—36.
- Moody, Roy M. Hunting seat. 2,736,030, 2-28-56, Cl. 2—94.
- Moog, William C., Jr., to Cornell Aeronautical Laboratory, Inc. Electrohydraulic servo valve. 2,767,689, 10-23-56, Cl. 127—46.5.
- Moore, Clifford G., to Draper Corp. Loom drive means. 2,771,097, 11-20-56, Cl. 139—1.
- Moore, Frank N., and L. E. Wible. File sharpening machine. 2,740,235, 4-3-56, Cl. 51—58.
- Moore, James.: *See—*
- Thomas, Gerald B., and Moon. 2,747,405.
- Moon, James, to Signal Oil and Gas Co. Irreversible tool joint and electrical coupling for use in wells. 2,750,659, 6-12-56, Cl. 339—16.
- Moon, Ralph F. Combined lifting and coupling tool for tool joints. 2,767,021, 7-31-56, Cl. 280—515.
- Moon, Robert J.: *See—*
- Shaw, Albert E., and Moon. 2,749,392.
- Moon, Seaton, D. H., Pearson, and V. K. Yoden, to Deere Mfg. Co. Transmission lock. 2,767,595, 10-23-56, Cl. 7—147.
- Moon, Sterling C., to The Jeffrey Mfg. Co. Underground loading machine and frame thereof. 2,746,597, 5-22-56, Cl. 198—204.
- Moon, Sterling C., to The Jeffrey Mfg. Co. Continuous mining and loading machine. 2,764,396, 9-25-56, Cl. 262—9.
- Moon, Thomas E. Electric soldering iron. 2,751,484, 6-19-56, Cl. 219—26.
- Mooney, Fred L.: *See—*
- Lane, Robert F., and Mooney. 2,769,328.
- Mooney, Jess R.: *See—*
- Donald, John J., and Mooney. 2,733,482.
- Mooney, John D. Hydraulically operated friction means and pump therefor. 2,771,974, 11-27-56, Cl. 192—18.
- Mooney, Laurence R. Stencil assembly. 2,771,026, 11-20-56, Cl. 101—128.2.
- Mooney, Melvin, to United States Rubber Co. Apparatus for conveying extruded stock. 2,767,432, 10-23-56, Cl. 18—14.
- Mooney, Preston B. Tractor mounted peanut harvester having vibrating separating fingers. 2,750,725, 6-19-56, Cl. 53—143.
- Mooradian, Aram, to Sterling Drug Inc. Oxidation of progesterone and products produced thereby. 2,745,851, 5-15-56, Cl. 260—397.47.
- Mooradian, Victor G., to The H. A. Wilson Co. Thermosensitive laminated metals. 2,770,870, 11-20-56, Cl. 29—195.5.
- Moore, Alois E.: *See—*
- Moersch, George W., and Moore. 2,759,001.
- Moore, Alois E., to Technical Oil Tool Corp. Sigmoidoscope with suction attachment for immobilizing adjacent tissue. 2,767,705, 10-23-56, Cl. 128—4.
- Moore, Arnold R., to Radio Corp. of America. Method and apparatus for growing crystalline material. 2,753,280, 7-3-56, Cl. 148—1.5.
- Moore, Arthur C., to Highland Box Co. Shipping containers. 2,736,483, 2-28-56, Cl. 229—6.
- Moore, Arthur R.: *See—*
- Schultz, Wilbur A., and Moore. 2,747,799.
- Moore, Ben, M. Ventilator for storm windows. 2,751,839, 6-26-56, Cl. 98—96.
- Moore, Ben M., and E. E. Litchenhous, to Oxy-Therapy, Inc. Oxygen-conditioning and administering apparatus. 2,773,040, 4-17-56, Cl. 128—191.1.
- Moore, Charles B.: *See—*
- Mears, Edward L., and Moore. 2,734,095.
- Moore, Charles B., to Esso Research and Engineering Co. Diolefin addition to hydrocarbon resin feeds. 2,750,360, 6-12-56, Cl. 260—82.
- Moore, Charles B., Jr.: *See—*
- Huch, William F., Hakomaki, and Moore. 2,732,013.
- Moore, Charles D.: *See—*
- Platner, John B., and Moore. 2,766,743.
- Moore, Charles E., and H. W. Stieglitz, to Thomsen Welder Co. Electric butt-welding machines. 2,770,709, 11-13-56, Cl. 219—97.
- Moore, Charles G.: *See—*
- Millar, Ronald L., Moore, and Peterson. 2,768,150.
- Moore, Charles H., to Lenape Hydraulic Pressing & Forging Co. Manway fittings. 2,760,670, 8-28-56, Cl. 220—25.
- Moore, Charles J., and S. H. Smith, to Cannon Iron Foundries Ltd. Refractory element for gas fires and like space heating means. 2,731,010, 1-17-56, Cl. 126—92.
- Moore, Clarence M., Jr. Combination table type and cemetery vase. 2,753,549, 2-7-56, Cl. 47—41.
- Moore, Clarence R. Check for loom shuttle. 2,754,852, 5-17-56, Cl. 139—166.
- Moore, Clyde M., to Moorex Industries, Inc. Sealed structural joint. 2,751,109, 6-19-56, Cl. 220—80.
- Moore, Clyde M., to Moorex Industries, Inc. Cushioned shipping crate. 2,774,503, 12-18-56, Cl. 217—53.
- Moore, Clyde Maurice, to Moorex Industries. Demountable structure. 2,761,582, 9-4-56, Cl. 220—5.
- Moore, Clyde R.: *See—*
- Scoggin, Baxett I., McAninch, and Moore. 2,733,159.
- Moore, Craig M., T. J. Morgan, and R. T. Trier, to The Superior Switchboard & Devices Co. Manually operated parking device. 2,755,724, 7-24-56, Cl. 194—7.
- Moore, David P. Apparatus for reducing food liquids to powders. 2,750,998, 6-19-56, Cl. 159—4.
- Moore, David P. Double faced pile fabric. 2,757,529, 8-7-56, Cl. 66—194.
- Moore, David P. Apparatus for and methods of making an applique knitted fabric. 2,773,371, 12-11-56, Cl. 66—9.
- Moore, Donald G., to Radio Corp. of America. Oscillator frequency stabilization system. 2,752,493, 6-26-56, Cl. 250—36.
- Moore Dry Kiln Co. of Oregon.: *See—*
- Cobb, J. Forrest. 2,768,386.
- Moore, Durward. Logging tools and means for opening and closing same. 2,761,727, 9-4-56, Cl. 294—118.
- Moore, Edgar S., O. S. Neill, and R. W. Emery, to Tavmouth Industries Ltd. Fastener feeding and driving mechanism. 2,754,860, 7-17-56, Cl. 144—32.
- Moore, Edwin B., to W. R. Peterson, and H. E. Stack, to Vapor Heating Corp. End valve for steam train line. 2,743,740, 5-1-56, Cl. 137—630.15.
- Moore, Eldon B.: *See—*
- Nachtmann, Elliot S., and Moore. 2,767,835.
- Nachtmann, Elliot S., and Moore. 2,767,836.
- Nachtmann, Elliot S., and Moore. 2,767,837.
- Nachtmann, Elliot S., and Moore. 2,767,838.
- Moore Electronic Laboratories, Inc.: *See—*
- Bordewieck, Robert W. 2,731,519.
- Moore, Ellis W. Bait net. 2,741,053, 4-10-56, Cl. 43—11.
- Moore, Ethel C. Sink partition. 2,765,476, 10-9-56, Cl. 4—187.
- Moore, Ezra L., and E. Ludlow, to Arvin Industries, Inc. Folding chair. 2,757,716, 8-7-56, Cl. 155—143.
- Moore Fabrics, Inc.: *See—*
- Moore, John V. 2,748,447.
- Moore, Fitzhugh L., to Socony Mobil Oil Co., Inc. Method for correcting lost circulation of drilling fluids. 2,747,839, 5-29-56, Cl. 255—1.8.
- Moore, Frank L., and W. A. Roberts, to The Gray Mfg. Co. Recording apparatus. 2,740,633, 4-3-56, Cl. 274—12.
- Moore, Frank T. D. Ironing boards. 2,746,185, 5-22-56, Cl. 53—123.

- Moore, Frank V. Hand machine for applying paste to a paper strip. 2,747,540, 5-29-56, Cl. 118—41.
- Moore, Fred W. to General Electric Co. Supporting structure for clothes washing machines and the like. 2,767,944, 10-23-56, Cl. 248—22.
- Moore, George A.: *See* Stueber, Hugh C. and Moore. 2,774,611.
- Moore, George A. Closure for containers. 2,729,385, 1-3-56, Cl. 229—37.
- Moore, George A. Heavy duty containers. 2,731,167, 1-17-56, Cl. 220—4.
- Moore, George A. Nesting type container. 2,731,189, 1-17-56, Cl. 229—23.
- Moore, George A. Unitary impervious container. 2,737,335, 3-6-56, Cl. 229—16.
- Moore, George A. Container with hermetic closures. 2,737,336, 3-6-56, Cl. 229—43.
- Moore, George A. Container and container blank assembly. 2,737,337, 3-6-56, Cl. 229—44.
- Moore, George A. Resilient closure for containers. 2,737,338, 3-6-56, Cl. 229—45.
- Moore, George A. Heavy duty containers. 2,741,390, 4-10-56, Cl. 220—4.
- Moore, George A. Sanitary hermetic sealing closures for containers. 2,746,659, 6-22-56, Cl. 228—43.
- Moore, George A. Dispensing container. 2,750,093, 6-12-56, Cl. 229—55.
- Moore, George A. Containers and method of making same. 2,750,097, 6-12-56, Cl. 229—23.
- Moore, George A. Container blank and container. 2,751,136, 6-19-56, Cl. 229—17.
- Moore, George A. Plastic container and method of making same. 2,754,865, 7-17-56, Cl. 150—0.5.
- Moore, George A. Containers. 2,757,851, 8-7-56, Cl. 229—23.
- Moore, George A. Method of sealing closures for containers. 2,758,432, 8-14-56, Cl. 53—14.
- Moore, George A. Container structure with integral closures. 2,758,775, 8-14-56, Cl. 229—23.
- Moore, George A. Dispensing closure for containers. 2,768,922, 9-1-56, Cl. 229—17.
- Moore, George A. Closure construction for containers. 2,769,589, 11-6-56, Cl. 229—37.
- Moore, George A. Heavy and light duty container structure and method of making same. 2,770,409, 11-13-56, Cl. 229—23.
- Moore, George A. Container for liquid commercial products. 2,774,504, 12-18-56, Cl. 220—4.
- Moore and Hall: *See* Toulon, Pierre M. G. 2,767,312.
- Moore, Henry H. File cabinet drawer handle. 2,739,026, 3-20-56, Cl. 313—320.
- Moore, Jack K. Circulating pumps. 2,757,617, 8-7-56, Cl. 103—178.
- Moore, James F. and F. B. Hansen. Bingo board with number covering slides. 2,733,067, 1-31-56, Cl. 273—135.
- Moore, James G.: *See* Eckstrom, Albert W. and Moore. 2,753,932.
- Moore, James H.: *See* Clough, Philip B. and Moore. 2,757,219.
- Moore, James R., to the United States of America as represented by the Secretary of War. Method and means for determining range. 2,741,742, 4-10-56, Cl. 324—68.
- Moore, John P.: *See* Blackmer, David R. and Moore. 2,760,191.
- Moore, John F., to Raytheon Mfg. Co. Tracking control system. 2,746,032, 5-15-56, Cl. 343—7.3.
- Moore, John F., and B. M. Torrey, to Raytheon Mfg. Co. Signal comparison systems. 2,742,639, 4-17-56, Cl. 343—13.
- Moore, John V., to Moore Fabrics, Inc. Process of making a permanently embossed elastic webbing. 2,748,447, 6-5-56, Cl. 28—74.
- Moore, Laurence L.: *See* Winslow Engineering Co. Re. 2,4138.
- Moore, Lawrence A., to Robert Gair Co., Inc. Pressure loading control. 2,738,663, 3-20-56, Cl. 68—258.
- Moore, Lawrence A., to Robert Gair Co., Inc. Threader calender rollers. 2,735,711, 7-24-56, Cl. 92—74.
- Moore, Lee C., Corp.: *See* Overton, Charles M., Iddings, and Fountain. 2,744,696.
- Woollsey, Homer J., Iddings, and Borg. 2,737,367.
- Woollsey, Homer J., Jenkins, Borg, and Campbell. 2,744,725.
- Woollsey, Homer J., Jenkins, Iddings, and Campbell. 2,753,963.
- Moore, Lester B. Self-engaging hook. 2,771,654, 11-27-56, Cl. 24—230.5.
- Moore, Mark E., to Williston Seamless Can Co., Inc. Apparatus for forming seamless metal containers. 2,742,873, 4-24-56, Cl. 113—44.
- Moore, Maurice B. Electric bait getter. 2,770,075, 11-13-56, Cl. 47—1.3.
- Moore, Nelson: *See* Toulon, Pierre M. G. 2,736,235.
- Toulon, Pierre M. G. 2,738,442.
- Toulon, Pierre M. G. 2,744,156.
- Toulon, Pierre M. G. 2,744,949.
- Toulon, Pierre M. G. 2,757,865.
- Toulon, Pierre M. G. 2,760,119.
- Moore, Norman C., to Western Electric Co., Inc. Assembling apparatus. 2,740,189, 4-3-56, Cl. 29—203.
- Moore, Norman H., to Morris Paper Mills. Article carrier. 2,763,998, 9-18-56, Cl. 220—112.
- Moore, Oliver K., to California Research Corp. Production of long-chain olefins. 2,768,225, 10-23-56, Cl. 260—683.
- Moore, Paul J.: *See* Guge, Kenneth J., and Moore. 2,767,245.
- Moore, Ralph F., to Kaiser Aluminum & Chemical Corp. Metal treatment. 2,755,544, 7-24-56, Cl. 29—553.
- Moore, Ralph F., to Kaiser Aluminum & Chemical Corp. Metal working. 2,755,545, 7-24-56, Cl. 29—553.
- Moore, Ralph F., to Kaiser Aluminum & Chemical Corp. Metal treatment. 2,755,546, 7-24-56, Cl. 29—553.
- Moore, Ralph G. D., to General Aniline & Film Corp. 1-benzyl-3- $\beta$ -hydroxyethyl-2-thiourea. 2,753,374, 7-3-56, Cl. 260—552.
- Moore, Ralph G. D., to General Aniline & Film Corp. Process of preparing 4,4'-thiobisresorcinol. 2,755,306, 7-17-56, Cl. 260—509.
- Moore, Ralph G. D., to General Aniline & Film Corp. Process of preparing dithiorcylic sulfide. 2,760,989, 8-28-56, Cl. 260—609.
- Moore, Ralph R.: *See* Moore, Willard J. and R. R. 2,750,198.
- Moore, Raymond H.: *See* Kauffman, John H., and Moore. 2,733,964.
- Kauffman, John H., and Moore. 2,735,724.
- Schneiblich, Claude B., and Moore. 2,749,743.
- Schneiblich, Claude B., and Moore. 2,746,858.
- Moore, Raymond P., Jr., and R. O. Endres, to Radio Corp. of America. Free-running square wave generator. 2,750,510, 6-12-56, Cl. 260—36.
- Moore, Raymond W.: *See* Albert, Eugene F., and Moore. 2,748,329.
- Moore, Raymond W., W. D. King, J. T. Carleton, and L. F. Stringer, to Westinghouse Electric Corp. Magnetic amplifier control system. 2,743,401, 4-24-56, Cl. 318—7.
- Moore, Raymond W., R. E. Hull, and L. F. Stringer, to Westinghouse Electric Corp. Electrical control systems. 2,773,228, 12-4-56, Cl. 318—87.
- Moore, Richard E.: *See* Brandes, Roy H., Hamilton, and Moore. 2,766,731.
- Detamore, Harold H., Hirsch, Moore, and Treseder. 2,761,517.
- Treseder, Robert C., Brooks, and Moore. 2,738,843.
- Moore, Richard E., and D. W. Miller, to General Motors Corp. Propeller pitch control. 2,737,253, 3-6-56, Cl. 17—160.2.
- Moore, Richard E., and D. W. Miller, to General Motors Corp. Propeller control for controlling blade pitch in improved speed, feathering, and negative pitch regimes. 2,748,500, 6-15-56, Cl. 173—160.21.
- Moore, Richard E., H. H. Detamore, M. Brooks, and D. W. Miller, to General Motors Corp. Propeller pitch stop control. 2,756,012, 7-24-56, Cl. 244—81.
- Moore, Richard N.: *See* Williams, G. M., Mack, and Moore. 2,729,671.
- Moore, Richard R., to National Cylinder Gas Co. Apparatus for controlling oscillator grid drive. 2,765,388, 10-2-56, Cl. 219—10.55.
- Moore, Robert A. Air and feed control for hammer mills. 2,764,361, 9-25-56, Cl. 241—186.
- Moore, Robert C.: *See* Fisher, Joseph F., and Moore. 2,761,007.
- Moore, Robert C., to Philco Corp. Television deflection control system. 2,773,118, 12-4-56, Cl. 178—5.4.
- Moore, Robert C., to Raytheon Mfg. Co. Color television indexing system. 2,771,504, 11-20-56, Cl. 178—5.4.
- Moore, Robert E., to Amara Refrigeration, Inc. Freezer cabinet with externally accessible machinery compartment. 2,743,981, 3-1-56, Cl. 312—214.
- Moore, Robert J.: *See* Thorpe, Roy E., Moore, and Mahoney. 2,756,197.
- Moore, Robert L.: *See* Cilley, Osborn H., Moore, and Novak. 2,772,157.
- Moore, Robert P., to Eli Lilly and Co. Capsule cleaning and inspecting machine. 2,732,987, 1-31-56, Cl. 226—41.
- Moore, Robert T., and G. H. Hornung. Liquid sight glass. 2,744,487, 5-8-56, Cl. 116—117.
- Moore, Roy C., to Raytheon Mfg. Co. Capacitive commutators. 2,769,159, 10-30-56, Cl. 340—3.
- Moore, Sewell T.: *See* Daniel, John H., Jr., and Moore. 2,772,966.
- House, Ronald R., Moore, and Schiller. 2,729,560.
- Padbury, John J., Daniel, and Moore. 2,772,967.
- Moore, Stanley C., to The Drill Collar Service Co., Inc. Resilient drill collar joint. 2,745,685, 5-15-56, Cl. 285—146.
- Moore, Thomas S. Choke attachment for guns. 2,759,286, 8-21-56, Cl. 42—79.
- Moore, Thomas V., to the United States of America as represented by the United States Atomic Energy Commission. Re-entrant cooling reactor. 2,744,064, 5-1-56, Cl. 204—193.
- Moore, Thomas V., to Esso Research and Engineering Co. Apparatus for drilling. 2,746,721, 5-22-56, Cl. 255—24.
- Moore, Thomas W., to American Machine & Foundry Co. Anti-vibration support. 2,762,678, 9-11-56, Cl. 312—352.
- Moore, Walter: *See* Westbrook, Eric. 2,743,105.
- Moore, Walter E., to Swing-A-Way Mfg. Co. Magnetic lid lifter. 2,739,378, 3-27-56, Cl. 30—6.4.
- Moore, Walter E., to Swing-A-Way Mfg. Co. Pivotal mounted enclosure for can opener. 2,765,207, 10-2-56, Cl. 312—248.



- Moore, Walter E., E. R. Andrae, and F. F. Sontheimer, to Swing-A-Way Mfg. Co. Magnetic lid lifter. 2,736,091, 2-28-56, Cl. 30—6-13.
- Moore, Willard J. and R. B. Wagon-sled. 2,750,198, 6-12-56, Cl. 280—7-14.
- Moore, William H. Spring door closer and tensioning means therefor. 2,750,185, 6-12-56, Cl. 267—1.
- Moore, William H., to Mechanite Metal Corp. Process for improving the penetrability-pinning characteristics of foundry sand. 2,756,476, 7-31-56, Cl. 22—217.
- Moore, William S. Electrical switch switches. 2,744,175, 5-1-56, Cl. 200—61-47.
- Moore, William V. Inner container locking means for pastry decorator. 2,750,000, 6-19-56, Cl. 107—52.
- Moorehead, Alexander S. Vehicle suspension for selectively varying the ground clearance of a vehicle. 2,759,550, 8-21-56, Cl. 180—41.
- Moorehead, Forrest G. Flow meter. 2,767,581, 10-23-56, Cl. 73—215.
- Moorehouse, Richard, to Flex-O-Lators, Inc. Retractable furniture wheel. 2,774,986, 12-25-56, Cl. 16—34.
- Moorens, Urban A. Dual hydraulic clutch. 2,749,765, 6-12-56, Cl. 74—361.
- Moorex Industries, Inc.: See—
- Moore, Clyde M., 2,751,109.
- Moore, Clyde M., 2,761,582.
- Moore, Clyde M., 2,774,503.
- Moorhead, Charles O.: See—
- McCool, Marcus G., and Moorhead. 2,729,100.
- Moorhead, Kenneth W., to Dow Corning Corp. Phenol-aldehyde type organosilicon resins. 2,755,269, 7-17-56, Cl. 260—42.
- Moorhead, Milton M., Jr., to The Commonwealth Engineering Co. of Ohio. Regulated power supply electronic control circuit. 2,751,547, 6-19-56, Cl. 323—22.
- Moorhead, Milton M., Jr., and J. C. Parker, to The Commonwealth Engineering Co. of Ohio. Stroboscopic visual intelligence presenter. 2,745,092, 5-8-56, Cl. 340—318.
- Moorhead, Thomas, to The Locomotive Finished Material Co. Slack adjuster for air brakes. 2,752,012, 6-26-56, Cl. 188—198.
- Moorman, Cistus L.: See—
- Busb, Russell J., and Moorman. 2,736,076.
- Moorman, Edward W.: See—
- Noyes, Howard, and Moorman. 2,757,025.
- Moorman, Wilbur C., and J. C. Muhler. Art of producing candles with colored flames. 2,771,764, 11-27-56, Cl. 67—22.
- Moos, Albert, to Zellweger A. G. Apparate- und Maschinen-fabriken Uster. Apparatus for cleaning threads. 2,746,120, 5-22-56, Cl. 28—64.
- Moos, Anthony M., and S. Wallack, to the United States of America, as represented by the Secretary of the Army. Dosimeter. 2,761,070, 8-28-56, Cl. 350—71.
- Moos, Gilbert E.: See—
- Keight, Albert W., Moos, and Shoup. 2,732,950.
- Moos, Gilbert E., and J. R. Shoup, to Celanese Corp. of America. Spinning apparatus. 2,763,891, 9-25-56, Cl. 18—8.
- Moos, Gilbert E., and J. R. Shoup, to Celanese Corp. of America. Spinning apparatus. 2,763,892, 9-25-56, Cl. 18—8.
- Moosman, Jack A., to Johnston Testers, Inc. Well tool actuating device. 2,751,024, 6-19-56, Cl. 168—237.
- Moosman, J. A., to Shell Development Co. Method and apparatus for filling closed containers with volatile liquids. 2,764,873, 10-2-56, Cl. 62—1.
- Mogquist, Stanley A., to Schoen Products. Film rewinding device. 2,731,211, 1-17-56, Cl. 242—55.
- Mora, Fernando M. Method and retort arrangement for carbonizing sawdust from wood. 2,735,805, 2-21-56, Cl. 202—27.
- Mora, Fernando M. Rectifying tower for rectifying crude gaseous acetone and other fluids. 2,737,482, 3-6-56, Cl. 202—154.
- Mora, Steve, to Inter-City Mfg. Co. Combined washer and squeegee. 2,745,126, 5-15-56, Cl. 15—121.
- Morain, Clifford F. Mobile pipe cleaning apparatus. 2,741,878, 4-17-56, Cl. 51—14.
- Morain, Clifford F. Pipe handling apparatus. 2,747,727, 5-29-56, Cl. 208—75.
- Morain, Paul H. L.: See—
- Lasserre, Gaston M., Laville, and Morain. 2,771,144.
- Morales, Juan G.: See—
- Soloway, Samuel B., Morales, and Van Overbeek. 2,758,918.
- Moran, Don E., to General Electric Co. Thermal overload switch. 2,741,528, 11-20-56, Cl. 200—122.
- Moran, Earl F. Outboard propulsion unit housing. 2,737,143, 3-6-56, Cl. 115—18.
- Moran, Harold J., to Switlik Parachute Co., Inc. Parachute pack. 2,729,410, 1-3-56, Cl. 244—148.
- Moran, Harold J., to Switlik Parachute Co., Inc. Life jacket. 2,774,979, 12-25-56, Cl. 9—19.
- Moran Instrument Corp.: See—
- Moran, Robert B., Jr. 2,736,892.
- Moran, James G. Inflatable illuminable figure. 2,748,256, 5-29-56, Cl. 240—10.
- Moran, James G. Liquid and semi-liquid dispensing containers. 2,750,084, 6-12-56, Cl. 222—490.
- Moran, John O. Resilient pressure finger for a sanding machine. 2,767,526, 10-23-56, Cl. 51—193.7.
- Moran, John P. Apparatus for releasing an aviator from a safety harness connection with a seat. 2,763,451, 9-18-56, Cl. 282—13.
- Moran, Procter, Mueser & Rutledge: See—
- Fiebigler, Karl E., and Zutraun. 2,759,331.
- Moran, Robert B., Jr., to Moran Instrument Corp. Echo ranging. 2,736,892, 2-28-56, Cl. 343—13.
- Moran, Robert W., to the United States of America as represented by the Secretary of the Army. Grenade launcher. 2,748,518, 6-5-56, Cl. 42—1.
- Moran, Ronald W.: See—
- Van Dorn, Horace B., and Moran. 2,737,057.
- Morana, Simon J., to The Beryllium Corp. Rare earth master alloys. 2,771,335, 11-20-56, Cl. 75—179.
- Morando, Emilio D., to Becton Dickinson and Co. Needle mounting. 2,755,801, 7-24-56, Cl. 128—221.
- Morano, Patrick J., to Even-Pul Foundations, Inc. Corselet. 2,739,312, 8-27-56, Cl. 2—30.
- Morano, Patrick J., to Even-Pul Foundations, Inc. Girdle. 2,755,478, 7-24-56, Cl. 2—37.
- Moran's, Thos. J., Sons Inc.: See—
- Baril, Albert, Jr., and De Barbieris. 2,731,263.
- Morat, Arthur. Height gauge attachment. 2,760,271, 8-28-56, Cl. 33—170.
- Morawski, London T.: See—
- Parker, John J., and Morawski. 2,765,175.
- Morbeck, Robert C.: See—
- Sweetser, Sumner B., Bronson, and Morbeck. 2,740,747.
- Mordarski, Walter J., to The Connecticut Hard Rubber Co. Shock mount. 2,760,747, 8-28-56, Cl. 248—358.
- Mordarski, Walter J., and W. H. Spencer, to The Connecticut Hard Rubber Co. Shock mount. 2,743,892, 5-1-56, Cl. 248—24.
- Mordarski, Walter J., and W. H. Spencer, to The Connecticut Hard Rubber Co. Shock mount. 2,762,600, 9-11-56, Cl. 248—358.
- Morgan, R. R., to H. W. Wallace & Co. Ltd. Compression plastimeter. 2,754,675, 7-17-56, Cl. 73—15.6.
- More, Clifton C., to Radio Corp. of America. Electrical Connector. 2,758,280, 8-7-56, Cl. 333—6.
- More, David, to The Glacier Metal Co. Ltd. Centrifugal oil cleaner, including a cylindrical filter. 2,750,107, 6-12-56, Cl. 223—30.
- More, Philip J., to Birtman Electric Co. Steam iron. 2,744,342, 5-8-56, Cl. 38—77.
- More, Philip J., and J. B. McCord, to Birtman Electric Co. Steam iron. 2,744,343, 5-8-56, Cl. 38—77.
- Morehouse, Clarence K., to Olin Mathieson Chemical Corp. Dry cell. 2,771,381, 11-20-56, Cl. 136—138.
- Morehouse, Clarence K., and J. Y. Welsh, to Olin Mathieson Chemical Corp. Electrolyte for dry cells. 2,748,183, 5-29-56, Cl. 136—103.
- Morehouse, Clarence K., and R. Glucksmann, to Radio Corp. of America. Primary cell. 2,759,985, 8-21-56, Cl. 136—103.
- Morehouse, Eugene, to B. T. Ballou & Co., Inc. Securing device. 2,732,603, 1-31-56, Cl. 24—108.
- Morehouse, Glenn H.: See—
- Brown, Donald J., Morehouse, and Schauer. 2,741,326.
- Morehouse Industries: See—
- Brown, Donald J., Morehouse, and Schauer. 2,741,326.
- Morehouse, Silas A. Flower pot watering device. 2,747,332, 5-29-56, Cl. 47—38.
- Moreillon, Raymond, to Ateliers de Construction Oerlikon. Arrangement for the transposition of a hollow cylindrical member. 2,771,239, 11-20-56, Cl. 230—114.
- Morénes, Harold, and A. A. Brown, to Bendix Aviation Corp. Self-balancing servo system. 2,769,122, 10-30-56, Cl. 318—28.
- Moré, Alexis E. J.: See—
- Apthorp, Alan E., and Morel. 2,731,676.
- Moré, Charles J., and F. Hadiger, to R. Geigy A.-G. Iminodibenzyl derivative. 2,762,796, 9-11-56, Cl. 260—239.
- Moreland, Clifford D. Convertible chair. 2,775,285, 12-25-56, Cl. 155—38.
- Morelli, Nicholas W.: See—
- Perry, Elijah R., and Morelli. 2,730,589.
- Perry, Elijah R., and Morelli. 2,765,378.
- Morello, Victor S.: See—
- Horsley, Lee H., Morello, and Poffenberger. 2,770,664.
- Moreo, Samuel A. Magazine socket wrenches. 2,770,157, 11-13-56, Cl. 81—125.
- Moreno, Susana. Immersion container for food seasoning or the like. 2,731,908, 1-24-56, Cl. 99—414.
- Moreno, Fred M. Awnings. 2,741,810, 4-17-56, Cl. 20—57.5.
- Morente, Daniel S. Flashlight attachment for alarm clocks or the like. 2,763,773, 9-18-56, Cl. 240—643.
- Moretta, Giuseppe. Circular knitting machine, particularly circular knitting machine for stockings. 2,768,516, 10-30-56, Cl. 66—150.
- Morewood, William H., to American Machine and Metals, Inc. Instrument casing. 2,742,178, 4-17-56, Cl. 220—50.
- Morey, Glen H., to Linton-Summit Coal Co., Inc. Electrical heating device. 2,739,220, 3-20-56, Cl. 219—38.
- Morey, Glen H., to Linton-Summit Coal Co., Inc. Method and apparatus for heating vessels. 2,739,221, 3-20-56, Cl. 219—38.
- Morf, Ernest. Watch with an automatic winding mechanism for a motor vehicle. 2,745,241, 5-15-56, Cl. 58—46.
- Morf, Ernest. Timepiece. 2,745,242, 5-15-56, Cl. 58—46.
- Morf, Ernest. Motor-spring winding mechanism. 2,771,159, 11-20-56, Cl. 185—39.
- Morf, Ernest. Watch crown seal. 2,771,734, 11-27-56, Cl. 58—90.

- Morgan, Arnold D.: *See*—  
Montgomery, William A., and Morgan, 2,737,617.
- Morgan, Arthur, H., and G. A. Shuey, to The University of Tennessee Research Corp., Machine for processing siliceous material, 2,731,905, 1-24-56, Cl. 99—239.
- Morgan, Bruce E., Attachment for dancing shoe, 2,739,394, 3-27-56, Cl. 36—8.3.
- Morgan, Burton D., to Johnson & Johnson, Tape dispenser, 2,750,029, 6-12-56, Cl. 200—32.
- Morgan, Charles K., to Lane-Weils Co., Control device for well tools, 2,753,943, 7-10-56, Cl. 166—216.
- Morgan, Clyde W., Refreshment tray for automobile instrument panel, 2,745,705, 5-15-56, Cl. 311—21.
- Morgan Construction Co.: *See*—  
Morgan, Myles, 2,747,720.  
Morgan, Myles, 2,748,635.  
Morgan, Myles, 2,769,356.  
O'Malley, Joseph M., 2,734,406.  
O'Malley, Joseph M., 2,769,323.  
Palmer, Charles, 2,734,618.  
Wilson, Norman A., 2,748,925.  
Young, Richard W., 2,761,561.
- Morgan Crucible Co. Ltd., The: *See*—  
Lytton, Frank A., and Cashmore, 2,733,161.  
Perry, Reginald J., 2,758,229.
- Morgan, David E., to Warren Webster & Co., Hot water heating system, 2,751,156, 6-19-56, Cl. 237—8.
- Morgan Development Laboratories, Inc.: *See*—  
Morgan, Porter S., 2,770,155.
- Morgan, Eric R., and J. C. Shyne, to Ford Motor Co., Method of preparing non-aging steels, 2,771,651, 11-27-56, Cl. 22—215.
- Morgan, Eric R., and J. C. Shyne, to Ford Motor Co., Deep drawing steel, 2,772,154, 11-27-56, Cl. 75—123.
- Morgan, Ernest J., Ice auger, 2,733,047, 1-31-56, Cl. 253—70.
- Morgan, Erving B., B. J. Oom, and G. V. Spencer, to American Seating Co., Folding chair with independent seat-fold, 2,729,275, 1-3-56, Cl. 155—142.
- Morgan, Eugene F., deceased, M. Decker, administrator, Traction type air applying means therefor, 2,746,507, 5-22-56, Cl. 152—214.
- Morgan Fairest Ltd.: *See*—  
Scott, Thomas V., 2,751,103.  
Scott, Thomas V., 2,754,990.
- Morgan, Franklin T., Easel construction, 2,729,018, 1-3-56, Cl. 45—129.
- Morgan, Garrett A., Sr., De-curling comb, 2,762,382, 9-11-56, Cl. 132—148.
- Morgan, Garvin S., Preventing lost circulation of mud in well drilling, 2,750,029, 2-24-56, Cl. 252—8.5.
- Morgan, George P., Geared plow hitch, 2,757,592, 8-7-56, Cl. 97—46.95.
- Morgan, Hilton H., Well pumping devices, 2,763,281, 9-18-56, Cl. 137—209.
- Morgan, Jack: *See*—  
Woodson, Wesley E., Jr., and Morgan, 2,766,447.
- Morgan, James G., to E. I. du Pont de Nemours and Co., Photographic films, 2,734,825, 2-14-56, Cl. 95—9.
- Morgan, John: *See*—  
Knott, Edward B., and Morgan, 2,732,302.
- Morgan, John, and D. A. J. Starkey, to Eastman Kodak Co., Antifogging and hardening agents for photographic emulsions, 2,732,303, 1-24-56, Cl. 95—7.
- Morgan, John D., Vehicle ornament protector, 2,745,678, 5-15-56, Cl. 280—152.
- Morgan, John M., Jr.: *See*—  
Carpenter, Edwin O., Morgan, and Waters, 2,732,521.
- Morgan, John W., H. to The English Electric Co. Ltd., Dynamic electric chimes, 2,754,441, 7-10-56, Cl. 310—268.
- Morgan, Myles, to Morgan Construction Co., Billet turning apparatus, 2,747,720, 5-29-56, Cl. 198—33.
- Morgan, Myles, to Morgan Construction Co., Cooling bed, 2,748,635, 5-5-56, Cl. 80—42.
- Morgan, Myles, to Morgan Construction Co., Rolling mill repeater, 2,769,356, 11-6-56, Cl. 80—51.
- Morgan Packing Co., Inc.: *See*—  
Hill, Robert L., 2,763,418.
- Morgan, Paul E., A. E. Abicht, and J. J. Maciejowski, to United Shoe Machinery Corp., Automatic stacking devices, 2,737,390, 3-6-56, Cl. 271—68.
- Morgan, Paul E., W. J. Morrison, and F. A. Pahl, Jr., to United Shoe Machinery Corp., Automatic stacking devices, 2,754,119, 7-10-56, Cl. 70—77.
- Morgan, Paul E., and J. G. Hollick, to United Shoe Machinery Corp., Leading-edge-trailing-edge detector means for irregularly shaped work pieces, 2,766,045, 10-9-56, Cl. 271—68.
- Morgan, Porter S., to I. L. Hartenberg, trustee, Quick-adjusting wrench, 2,735,326, 2-21-56, Cl. 81—100.
- Morgan, Porter S., to I. L. Hartenberg, as trustee, Quick-acting clamping device, 2,768,664, 10-30-56, Cl. 144—305.
- Morgan, Porter S., to Morgan Development Laboratories, Inc., Ball and helical race for mechanical movements, 2,770,155, 11-13-56, Cl. 81—36.
- Morgan, Ralph E., to The Timken Roller Bearing Co., Method of assembly and holding clips for journal box wedge assembly, 2,763,915, 9-25-56, Cl. 29—149.5.
- Morgan, Russell L., to American Cyanamid Co., Drilling muds containing acrylic acid-acrylamide copolymer salts, 2,775,557, 12-25-56, Cl. 252—8.5.
- Morgan, Samuel L., to American Associated Companies, Flat-work ironer roll cover, 2,762,111, 9-11-56, Cl. 29—128.
- Morgan, Samuel P., Jr.: *See*—  
Black, Harold S., and Morgan, 2,769,150.
- Morgan, Samuel P., Jr., to Bell Telephone Laboratories, Inc., Mode conversion in wave guides, 2,762,981, 9-11-56, Cl. 333—21.
- Morgan, Samuel P., Jr., to Bell Telephone Laboratories, Inc., Mode conversion in wave guides, 2,762,982, 9-11-56, Cl. 333—21.
- Morgan, Sidney T., to Salem-Brosius, Inc., Material handling machine, 2,741,374, 4-10-56, Cl. 214—26.
- Morgan, Thomas D., to Phillips Petroleum Co., Automatic transmission for internal combustion engines, 2,732,834, 1-31-56, Cl. 123—118.
- Morgan, Thomas J.: *See*—  
Morgan, Craig M., Morgan, and Trier, 2,755,904.
- Morgan, Verna E. J.: *See*—  
Bell, Bernie K., and Morgan, 2,741,521.
- Morgan, Walter A., to General Electric Co., Mass spectrometer housing assembly, 2,756,340, 7-24-56, Cl. 250—11.9.
- Morgan, Wilfred P. R.: *See*—  
Woodward, Stanley, and Morgan, 2,740,627.
- Morgan, Willard L.: *See*—  
Colbert, William H., and Morgan, 2,761,945.
- Morgan, Willard L., to Libbey-Owens-Ford Glass Co., Electrically conducting filters and mirrors, 2,750,832, 6-19-56, Cl. 88—1.
- Morgan, William A., Jr., to E. I. du Pont de Nemours and Co., Fibrous material, and processes for making same, 2,730,478, 1-10-56, Cl. 154—101.
- Morgan, William R.: *See*—  
Nason, Walter C., Jr., McMahon, and Morgan, 2,729,357.
- Morgan, William R., to Adjutably controlled glassware transfer mechanism, 2,740,382, 4-3-56, Cl. 121—38.
- Morgan, William R., Glassware take-out mechanism, 2,748,920, 6-5-56, Cl. 198—210.
- Morgan, William S., to Production Lathe, Inc., Fishing line reel attachment for fishing rods, 2,762,129, 9-11-56, Cl. 33—129.
- Morgan, Wylie C., 40% to R. H. Vaughn, Sr., Machine for coating and slitting strip roofing material, 2,744,493, 5-8-56, Cl. 118—38.
- Morgan, Wylie C., and R. J. Bush, to General Motors Corp., Window sealing strip, 2,729,315, 1-3-56, Cl. 189—65.
- Morgavi, Gaetano A., Jr.,  $\frac{1}{2}$  to E. J. Hamback, Oil mist lubricator for suction devices, 2,769,445, 11-6-56, Cl. 128—278.
- Morgen, André L. A., Steering arrangement for motor-vehicles, 2,730,186, 1-10-56, Cl. 180—79.2.
- Morgen, André L. A., Arrangements for hydraulically lifting implements carried by a tractor, 2,764,923, 10-25-56, Cl. 97—46.03.
- Mörgenlander, Oskar: *See*—  
Dietrich, Paul H., Reinartz, and Mörgenlander, 2,750,883.
- Morgenstern, Arno H., Automatic air valve arrangement for preventing the sucking off of odor seals and drains, 2,756,763, 7-31-56, Cl. 37—210.
- Morgenstern, David M., to Nelmor Corp., Remotely adjustable rear view mirror, 2,740,329, 4-3-56, Cl. 88—93.
- Morgenstern, Sam G., Combined bench stop and pivoted clamp, 2,764,196, 9-25-56, Cl. 144—307.
- Morille, Constantine A., Mounting bases for antenna masts, 2,733,031, 1-31-56, Cl. 248—43.
- Mori, Takehiko: *See*—  
Higashi, Yazo, and Mori, 2,736,239.
- Moriarty, Benedict E., Spring shaft curtain rod, 2,732,161, 9-11-56, Cl. 245—202.
- Moriarty, Francis C., and F. G. Graves, deceased (by E. B. Graves, executrix),  $\frac{1}{2}$  to Universal Oil Products Co., and  $\frac{1}{2}$  to California Research Corp., Treatment of hydrocarbon distillates with a phenylene diamine, an alkyl phenolate and air, 2,744,053, 5-1-56, Cl. 196—29.
- Moriarty, Wallace A., to James R. Kearney Corp., Connector crimping tool with pivoted and fixed jaws, 2,769,357, 11-6-56, Cl. 81—15.
- Morley, William J., Arc pantograph, 2,734,271, 2-14-56, Cl. 33—25.
- Morin, Louis H., Method of securing separable fastener elements to stringer tapes, 2,735,139, 2-21-56, Cl. 18—59.
- Morin, Louis H., Separable fastener stringers employing separated and coupled loops, 2,736,940, 3-6-56, Cl. 24—205.13.
- Morin, Louis H., Means for fastening complete stringer lengths, 2,742,670, 4-24-56, Cl. 18—30.
- Morin, Louis H., to Coats & Clark, Inc., Molded plastic spool, 2,750,129, 6-12-56, Cl. 242—119.
- Morin, Louis H., Method and apparatus for producing continuously cast mesh products, 2,752,636, 7-3-56, Cl. 18—42.
- Morin, Louis H., Method of casting joined ball and socket joints, 2,763,115, 10-30-56, Cl. 29—204.
- Morin, Louis H., to Coats & Clark Inc., Method of producing plastic shrouded spools, 2,769,204, 11-6-56, Cl. 18—47.5.
- Morin, Louis H., to Coats & Clark Inc., Plastic jacketed spool, 2,773,657, 12-11-56, Cl. 242—119.
- Morin, Louis H., Method of making a multiple part anchorage, 2,774,135, 12-18-56, Cl. 29—41.
- Morin, Louis H., to Coats & Clark Inc., Method of producing plastic rim spools, 2,774,398, 12-18-56, Cl. 144—309.
- Morin, Louis H., Method of assembling sliders with pulls and with variable fastener stringers, 2,775,027, 12-25-56, Cl. 29—408.
- Morin, Richard D.: *See*—  
Kinzer, Glenn W., and Morin, 2,764,471.
- Morison, William J., and R. F. Cronin, said Cronin assignor to Stratstone Ltd., Apparatus for cleaning vehicles, 2,774,950, 12-25-56, Cl. 15—21.



- Morita, Deen I., Emergency cut-off for flush tanks. 2,729,827, 1-10-56, Cl. 4-52.
- Moritt, Irving J.: *See*—  
Bell, Sidney R. 2,730,979.  
Bell, Sidney R. 2,748,731.
- Moritt, Irving J., Dish cleaning device with detergent feed. 2,772,430, 12-1-56, Cl. 15-153.
- Moritz, Carl: *See*—  
Wagner, George E. 2,768,004.
- Moritz, Jean, Apparatus for the manufacture of superphosphate and the like. 2,730,432, 1-10-56, Cl. 23-259.2.
- Moritz, John W., to The Pure Oil Co., Flange level. 2,748,163, 5-22-56, Cl. 33-207.
- Moritzack-Schlot Engineering Co.: *See*—  
Schlot, Guido F. 2,753,748.
- Mork, George W., to Bucyrus-Erie Co., Adjustable bulldozer. 2,753,638, 7-10-56, Cl. 37-84.
- Mork, Erli H., to the Kennedy Valve Mfg. Co., Valve package. 2,774,475, 12-18-56, Cl. 206-65.
- Morkoski, James, to International Harvester Co., Tractor mounted implement. 2,737,868, 3-13-56, Cl. 97-46.95.
- Morkoski, James, to International Harvester Co., Tractor mounted plow. 2,747,487, 5-29-56, Cl. 97-47.37.
- Morlan, Erwin A., to Hughes Tool Co., Cone type well drill. 2,774,571, 12-18-56, Cl. 255-347.
- Morlan, Erwin A., and H. B. Woods, to Hughes Tool Co., Prevention of mud cutting in earth boring drills. 2,769,616, 11-6-56, Cl. 255-308.
- Morley, Charles G.: *See*—  
Davies, David O., Morley, and Ivens. 2,742,755.
- Morley, Dana A.: *See*—  
Fiske, Augustus H., Jr., and Morley. 2,738,671.
- Morley, David H., to General Electric Co., Ionization chamber. 2,736,816, 2-28-56, Cl. 250-83.1.
- Morley, Frederick W. W., to Rolls-Royce Ltd., Gas turbine engine with axial-flow compressor and bearing means for supporting the compressor rotor. 2,756,561, 7-31-56, Cl. 60-39.16.
- Morling, John H.: *See*—  
McKanees, John H., and Morling. 2,739,719.
- Mackness, John H., and Morling. 2,739,720.
- Mormann, Jackson F., Automatic copying machines. 2,774,290, 12-18-56, Cl. 95-77.5.
- Mornard, René H. J., Faucet assembly. 2,766,774, 10-16-56, Cl. 13-636.3.
- Morningstar, Otto, and J. W. Solomon, Loose cosmetic powder compact. 2,737,189, 3-6-56, Cl. 132-83.
- Morningstar, Ralph E., to The Fluor Corp. Ltd., Recovery of sulfur from waste hydrocarbon-containing sulfuric acid. 2,737,450, 3-6-56, Cl. 23-224.
- Moroney, Thomas S.: *See*—  
Kibbourne, Frederick L., Jr., Moroney, and Kidwell. 2,744,079.
- Kibbourne, Frederick L., Jr., and Moroney. 2,764,505.
- Morphy, John W., to Hamilton Shoe Co., Method of making platform shoes. 2,770,824, 11-20-56, Cl. 12-142.
- Morris, John, and P. B. Johnson, to L. S. Taylor, Conversion dial attachment for liquid level gauge or the like. 2,763,230, 9-18-56, Cl. 116-129.
- Morra, Peter J., to Western Metal Sash Co., Inc., Window framing. 2,734,787, 2-7-56, Cl. 189-75.
- Morrell, Albert M., to Radio Corp. of America, Tri-color television. 2,754,626, 6-28-56, Cl. 32-10.
- Morrell, Albert M., to Radio Corp. of America, Color kinescopes of the masked-target dot-screen variety. 2,755,402, 7-17-56, Cl. 313-70.
- Morrell, Albert M., to Radio Corp. of America, Cathode ray tube device. 2,763,804, 9-18-56, Cl. 313-70.
- Morrell, Clyde E., to Buxton, Inc., Key hanger for key cases. 2,772,559, 12-4-56, Cl. 70-458.
- Morrell, Jacques C., Lip stick and applicator. 2,774,984, 12-25-56, Cl. 15-209.
- Morrell, Jacques C., Cosmetic applicators and package. 2,775,246, 12-25-56, Cl. 132-79.
- Morrell, Jacques C., Cosmetic package. 2,775,247, 12-25-56, Cl. 132-79.
- Morrell, Jacques C., Cosmetic package. 2,775,248, 12-25-56, Cl. 132-79.
- Morrell, Jacques C., Cosmetic package. 2,775,249, 12-25-56, Cl. 132-79.
- Morrell, James, Steerable pivot-wheeled truck trailer. 2,743,116, 4-24-56, Cl. 280-420.
- Morrell, James N.: *See*—  
Elliott, Lynn T., and Morrell. 2,743,897.
- Morrell, John W., to J. Smith, to the Firestone Tire & Rubber Co., Method and apparatus for the production of crimped filaments. 2,730,758, 1-17-56, Cl. 18-8.
- Morrell, Robert M.: *See*—  
Marsh, George E. 2,747,652.
- Morran, Henri, Preparation of 2-(3-amino-2,4,6-triiodobenzyl)-3-hydroxy butyric acid. 2,767,210, 10-16-56, Cl. 260-519.
- Morrill, Frank B., to The James Hunter Machine Co., Cloth reel. 2,733,807, 2-7-56, Cl. 203-300.
- Morrill, Frank B., to James Hunter Machine Co., Roll for expanding and contracting textiles. 2,771,658, 11-27-56, Cl. 26-63.
- Morrill, Frank B., and E. C. Rust, Jr., to James Hunter Machine Co., Tension control means in fabric treating apparatus. 2,729,446, 1-3-56, Cl. 271-2.3.
- Morrill, Harry L., Jr., Ink supply means for fountain pen. 2,735,403, 2-21-56, Cl. 120-42.16.
- Morrill, Harry L., Jr., Fish lure. 2,760,294, 8-28-56, Cl. 43-42.45.
- Morrill, Henry L.: *See*—  
Fike, Elmer A., and Morrill. 2,731,338.
- Morrill, Henry L., to Monsanto Chemical Co., Herbicidal compositions comprising haloalkoxy substituted aliphatic acids. 2,739,052, 3-20-56, Cl. 71-2.4.
- Morrill, Henry L., to Monsanto Chemical Co., Dust-free herbicidal composition and method of making same. 2,739,053, 3-20-56, Cl. 71-2.4.
- Morrill, Henry L., to Monsanto Chemical Co., Herbicidal compositions. 2,767,071, 10-16-56, Cl. 71-2.8.
- Morrill, Henry L., and F. B. Zienty, to Monsanto Chemical Co., Herbicidal composition comprising 3-(P-chlorophenyl)-1,1-dimethylurea. 2,731,337, 1-17-56, Cl. 71-2.4.
- Morrill, Vaughan, Jr., Process of fabricating glass articles. 2,735,230, 2-21-56, Cl. 49-79.
- Morrison, J. M., to Reversible Lubricating system. 2,768,863, 10-30-56, Cl. 308-132.
- Morrill, Wayne J., Shaded pole motor. 2,773,999, 12-11-56, Cl. 310-172.
- Morris, Charles E.: *See*—  
Bates, Robert W., Davis, and Morris. 2,751,304.
- Morris, Clifford: *See*—  
Barrett, John L., Latoszynski, Morris, and Frankel. 2,750,738.
- Morris, David M., to International Harvester Co., Implement adjusting device. 2,769,579, 11-6-56, Cl. 222-176.
- Morris, David M., and R. B. Harter, to International Harvester Co., Spring tension device. 2,738,969, 3-20-56, Cl. 267-1.
- Morris Development Co.: *See*—  
Morris, Donald W. 2,731,003.
- Morris, Donald W. 2,748,757.
- Morris, Donald W. 2,768,035.
- Morris, Donald W., to Morris Development Co., Internal-combustion engine. 2,731,003, 1-17-56, Cl. 123-53.
- Morris, Donald W., to Morris Development Co., Internal combustion engine combustion chamber. 2,748,757, 6-5-56, Cl. 123-53.
- Morris, Donald W., to Morris Development Co., Crankshaft and main bearing assembly. 2,768,033, 10-23-56, Cl. 308-73.
- Morris, Edward H.: *See*—  
Gadden, Thomas E., Morris, and Loynes. 2,763,279.
- Morris, Edward H., to The Coe Mfg. Co., Veneer dryer. 2,757,920, 8-7-56, Cl. 263-28.
- Morris, Frank A.: *See*—  
Trousdale, Robert B., and Morris. 2,773,934.
- Morris, Frank A., to General Dynamics Corp., Method and apparatus for testing gas tubes. 2,761,104, 8-28-56, Cl. 23-23.
- Morris, Frank A., to General Dynamics Corp., Automatic telephone system. 2,773,936, 12-11-56, Cl. 179-15.
- Morris, Frank A., to General Dynamics Corp., Electronic signaling and switching system. 2,773,937, 12-11-56, Cl. 179-15.
- Morris, Frank A., to General Dynamics Corp., Testing arrangement for electronic telephone system. 2,773,947, 12-11-56, Cl. 179-175.2.
- Morris, Frank A., Hydraulic variable speed transmission. 2,774,255, 12-18-56, Cl. 74-68.7.
- Morris, Frank A., and R. H. Williams, to Pittsburgh Pipe Cleaner Co., Pipe cleaning apparatus for gas lines. 2,767,415, 10-23-56, Cl. 15-104.1.
- Morris, George T.: *See*—  
Davies, John G., Martin, Morris, and Lusk. 2,760,506.
- Morris, Gordon C., and R. N. Adkins, Fish lure construction. 2,741,057, 4-10-56, Cl. 43-42.09.
- Morris, Harold C., Clearance lamp. 2,734,125, 2-7-56, Cl. 240-8.3.
- Morris, Herbert E., to Monsanto Chemical Co., Purification of dichloroethane. 2,748,176, 5-29-56, Cl. 260-652.
- Morris, Howard E., to the United States of America as represented by the United States Atomic Energy Commission, Metal alloy. 2,756,489, 7-31-56, Cl. 29-194.
- Morris, Jean W., Boat bailer. 2,748,742, 6-5-56, Cl. 115-17.
- Morris, John D., to Raytheon Mfg. Co., Phase discriminator. 2,733,294, 4-31-56, Cl. 178-69.5.
- Morris, John M.: *See*—  
Carrier, Robert M., Jr., and Morris. 2,767,826.
- Morris, John P.: *See*—  
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- Sheesley, Jay R., and Morris. 2,733,671.
- Morris, John R., to The Texas Co., Lubricant containing a phosphorus acid ester-aldehyde condensation product. 2,736,706, 2-28-56, Cl. 252-46.6.
- Morris, John R., to The Texas Co., Lubricant containing phosphorus acid ester-aldehyde-amine condensation product. 2,736,707, 2-28-56, Cl. 252-46.7.
- Morris, John R., to The Texas Co., Phosphate partial ester-aldehyde condensation product and lubricant containing the same. 2,736,737, 2-28-56, Cl. 260-461.
- Morris, John R., to The Texas Co., Phosphate partial ester-aldehyde-amine condensation product and lubricant containing the same. 2,736,738, 2-28-56, Cl. 260-461.
- Morris, Joseph L., Means and method for producing knitted fabric. 2,770,746, 11-13-56, Cl. 86-119.
- Morris, Leo L., G. Unger, and A. L. Wilson, to Corn Products Refining Co., Purification and recovery of zein. 2,733,234, 1-31-56, Cl. 260-123.

- Morris, Leo R., to The Dow Chemical Co. Alkyl quaternary ammonium bases and salts. 2,772,310, 11-27-56, Cl. 260-567.6.
- Morris, Leroy A. Stroke control for hydraulic cylinder. 2,755,776, 7-24-56, Cl. 121-38.
- Morris Machine Tool Co., The: See—Weber, John H. 2,740,258.
- Morris, Marie A.: See—
- Morris, Walter W. and M. A. 2,762,435.
- Morris, Martin F. Plant trellis. 2,732,660, 1-31-56, Cl. 47-47.
- Morris, Marvin A., to I-T-E Circuit Breaker Co. Panel board terminal mounting blocks. 2,737,613, 3-6-56, Cl. 317-119.
- Morris, Max H.: See—
- Fowler, Floyd P., and Harrison. 2,750,151.
- Morris, Milo W. Christmas tree mounting means. 2,750,138, 6-12-56, Cl. 248-8.
- Morris Paper Mills: See—
- Arneson, Edwin L. 2,732,097.
- Arneson, Edwin L. 2,734,677.
- Arneson, Edwin L. 2,741,399.
- Arneson, Edwin L. 2,747,786.
- Arneson, Edwin L. 2,751,110.
- Arneson, Edwin L. 2,758,778.
- Arneson, Edwin L. 2,758,779.
- Arneson, Edwin L. 2,760,677.
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- Arneson, Lawrence E. 2,751,075.
- Hileman, Guy W. 2,741,416.
- Moore, Norman H. 2,763,398.
- Morris, Paul M.: See—
- Vander Woude, Jack C., and Morris. 2,763,693.
- Morris, Philip, and Co., Ltd., Inc.: See—
- Atkins, Herbert A. 2,763,973.
- Lieser, Robert C. 2,739,913.
- Morris, Quentin L.: See—
- Wender, Simon H., Gage, Ice, and Morris. 2,744,893.
- Morris, Richard S., Jr., to American Telephone and Telegraph Co. Line clearing device for receiver-off-hook condition. 2,773,511, 11-10-56, Cl. 179-30.
- Morris, Robert E.: See—
- Hartz, Raymond J., and Morris. 2,738,685.
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- Morris, Rupert C.: See—
- Van Winkle, John L., Bell, and Morris. 2,765,276.
- Van Winkle, John L., and Morris. 2,768,960.
- Watson, Forrest J., Morris, and Van Winkle. 2,753,368.
- Morris, Rupert C., and W. M. Sawyer, to Shell Development Co. Foaming compositions. 2,743,236, 4-24-56, Cl. 232-117.
- Morris, Rupert C., and J. L. Van Winkle, to Shell Development Co. Olefinically unsaturated phosphates. 2,744,128, 5-1-56, Cl. 260-461.
- Morris, Rupert C., J. L. Van Winkle, and P. H. Williams, to Shell Development Co. Lubricating compositions. 2,767,142, 10-16-56, Cl. 252-32.5.
- Morris, Rupert C., and V. W. Buis, to Shell Development Co. Tertiary alkyl substituted cyclohexane carboxylic acids, derivatives thereof, and method for producing the same. 2,771,487, 11-20-56, Cl. 260-514.
- Morris, Steward G.: See—
- Ault, Waldo C., and Morris. 2,729,659.
- Morris, Thomas C., to United Shoe Machinery Corp. Lamination of fibrous and plastic sheet materials. 2,732,324, 1-24-56, Cl. 154-103.
- Morris, Thurman J. Automatic liquid feed valve. 2,739,609, 3-27-56, Cl. 137-408.
- Morris, Walter W. and M. A. Center punch. 2,762,435, 9-11-56, Cl. 164-123.5.
- Morris, Wayne E. Chimney cap. 2,766,678, 10-16-56, Cl. 98-67.
- Morris, Willard L., to Union Stock Yards & Transit Co. of Chicago. Method of agricultural cultivation. 2,734,313, 2-14-56, Cl. 47-58.
- Morris, William B. Carrier mechanism for guns. 2,765,559, 10-9-56, Cl. 42-23.
- Morris, William B. Repeating rifle having trigger mechanism and finger lever. 2,765,561, 10-9-56, Cl. 42-69.
- Morris, William C., to The Harshaw Chemical Co. Screen vehicle comprising diluents, unmodified hydrogenated rosin, and its glycol esters. 2,748,093, 5-29-56, Cl. 260-27.
- Morris, William C., to General Electric Co. Directional ground relay with dual polarization means. 2,750,537, 6-12-56, Cl. 317-36.
- Morris, William B., and T. H. Gewecke, to Baxter Laboratories, Inc. Container tube support. 2,758,723, 8-14-56, Cl. 211-73.
- Morris, William L., to Phillips Petroleum Co. Polynomial computer. 2,767,909, 10-23-56, Cl. 235-61.
- Morris, Willis B., to Northrop Aircraft, Inc. Two-stage pre-loaded spring cartridge. 2,734,740, 2-14-56, Cl. 267-1.
- Morris, Willis B., to Northrop Aircraft, Inc. Resilient trunion actuator support. 2,738,972, 3-20-56, Cl. 268-74.
- Morrissey, Edward J., Jr.: See—
- Hartop, William L., Jr., and Morrissey. 2,747,756.
- Morrissey, Edward J., Jr., and H. A. Richards, to Abbott Laboratories. Gas valve. 2,775,240, 12-25-56, Cl. 128-214.
- Morrison, Alan R. Therapeutic generator hydroxyl ionizer. 2,737,947, 5-13-56, Cl. 128-191.
- Morrison, Albert R., to Owens-Corning Fiberglass Corp. Glass fiber twine and method of making the same. 2,736,163, 2-28-56, Cl. 57-150.
- Morrison, Albert R., and H. E. Fargo, to Owens-Corning Fiberglass Corp. Method of making twine and apparatus therefor. 2,763,883, 1-31-56, Cl. 154-17.
- Morrison, Albert R., and H. E. Fargo, to Owens-Corning Fiberglass Corp. Glass fiber twine and method of manufacturing the same. 2,770,940, 11-20-56, Cl. 57-150.
- Morrison, Carl J.: See—
- Steele, Clellie D., and Morrison. 2,764,527.
- Morrison, Charles S., and M. W. Forth, to Deere & Co. Bale-handling apparatus. 2,756,865, 7-31-56, Cl. 198-128.
- Morrison, Emmett G. Roller conveyor construction. 2,729,322, 1-18-56, Cl. 193-35.
- Morrison, Frank A.: See—
- Freneau, Philip, and Morrison. 2,738,852.
- Morrison, Frederick T.: See—
- Zeiflin, Alexander, Mollick, and Morrison. 2,756,589.
- Morrison, George L. Photographic sink. 2,741,171, 4-10-56, Cl. 95-89.
- Morrison, George L. Photographic apparatus. 2,747,459, 5-29-56, Cl. 88-24.
- Morrison, George L. Photographic method of obtaining a film transparency. 2,751,294, 6-19-56, Cl. 95-5.
- Morrison, Hackley. Electric ventilating fans. 2,765,977, 10-9-56, Cl. 230-259.
- Morrison, Harold A.: See—
- Lord, Dwight S., and Morrison. 2,748,486.
- Morrison, Harold E.: See—
- Geldhof, Peter E., and Morrison. Re. 2,748,235.
- Morrison, Harold E., to Whirlpool-Seeger Corp. Germicidal and illuminating lamp assembly. 2,751,485, 6-19-56, Cl. 240-2.
- Morrison, Harold E., to Whirlpool-Seeger Corp. Drier control. 2,775,047, 12-25-56, Cl. 34-35.
- Morrison, James A. Tractor ignition system. 2,773,143, 12-4-56, Cl. 20-61.58.
- Morrison, James J., to United States Steel Corp. Traveling electrical cable. 2,761,893, 9-4-56, Cl. 174-116.
- Morrison, James L. D. Advertising displays. 2,736,113, 2-28-56, Cl. 40-76.
- Morrison, Jay. Plastic-impregnated cable suspension. 2,732,423, 1-24-56, Cl. 174-209.
- Morrison, John A., to Boeing Airplane Co. Safety closure latch. 2,752,186, 6-26-56, Cl. 292-139.
- Morrison, John L. M., to Imperial Chemical Industries Ltd. Sealing glands for pressure vessels. 2,738,997, 3-20-56, Cl. 286-58.
- Morrison, Joseph I. Pressure control system. 2,768,513, 10-30-56, Cl. 62-127.
- Morrison, Laurence W., Jr.: See—
- Dobbs, Stephen J., and Morrison. 2,733,436.
- Morrison, Montford. Light sensitive, heat developable recording papers. 2,732,299, 1-24-56, Cl. 95-6.
- Morrison, Montford. Apparatus for reduction of amplitude variation in pulsating voltages. 2,744,228, 5-1-56, Cl. 321-10.
- Morrison, Philip: See—
- Weinberg, Alvin M., Young, Morrison, and Ohlinger. 2,735,811.
- Morrison, Robert L. Tube dispenser. 2,742,189, 4-17-56, Cl. 222-100.
- Morrison, Robert L., to Silver Engineering Works, Inc., a division of the Silver Corp. Method and apparatus for drying treatment of solids in the fluidized or gas entrained state. 2,770,052, 11-13-56, Cl. 34-10.
- Morrison, Wendell C., to Radio Corporation of America. Test equipment for television. 2,733,433, 1-31-56, Cl. 340-351.
- Morrison, Wilbert H.: See—
- Schaefer, Ralph A., Cerness, and Morrison. 2,752,667.
- Schaefer, Ralph A., Cerness, and Morrison. 2,759,250.
- Morrison, Willard L., to Constock Liquid Methane Corp. Method for using natural gas. 2,753,700, 7-10-56, Cl. 62-170.
- Morrison, Willard L., to The Union Stock Yard and Transit Co. of Chicago. Apparatus for refrigerating air. 2,754,660, 7-17-56, Cl. 62-6.
- Morrison, Willard L., to Constock Liquid Methane Corp. Means for diluting combustible gas and the like. 2,760,342, 1-24-56, Cl. 62-6.
- Morrison, Willard L., to Union Stock Yards and Transit Co. of Chicago. Method of manufacturing and installing insulated staves for tank lining. 2,770,272, 11-13-56, Cl. 141-309.
- Morrison, Willard L., to Chicago Stock Yards Compost Co. Distributor fan composter. 2,770,354, 11-13-56, Cl. 198-128.
- Morrison, Willard L., to Union Stock Yards & Transit Co. of Chicago. Apparatus for unloading in gaseous form from a liquefied gas storage body. 2,770,951, 11-20-56, Cl. 62-1.
- Morrison, William J.: See—
- Morgan, Paul E., Morrison, and Pahl. 2,754,119.
- Morrissey, John J. Fishline connector joint. 2,756,478, 7-31-56, Cl. 24-237.
- Morrissey, Patrick W., to J. I. Case Co. Metering control for fertilizer spreaders. 2,772,038, 11-27-56, Cl. 222-485.
- Morrissey, Richard T., and M. R. Frederick, to The B. F. Goodrich Co. Chlorine derivatives of isolefin-polyolefin polymers and compositions comprising the same. 2,732,354, 1-24-56, Cl. 260-5.
- Morrissey, Raymond J. Hand cart. 2,764,420, 9-25-56, Cl. 280-47.24.
- Morrogh, Henton, to The British Cast Iron Research Association. Process of producing grey cast iron. 2,747,990, 5-29-56, Cl. 75-130.



- Morrow, Charles T. : *See—*  
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- Morrow, Harry C., to United States Steel Corp. Method for threading strip through a continuous strip processing line. 2,731,262, 1-17-56, Cl. 271-2-1.
- Morrow, John G. : *See—*  
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- Morrow, Joseph H., to Fuller Co. Conveying apparatus. 2,740,672, 4-3-56, Cl. 302-49.
- Morrow, Joseph H., to Fuller Co. Material trap. 2,769,544, 11-9-56, Cl. 209-474.
- Morrow, Lyman C. Footwear disinfectant. 2,751,931, 6-26-56, Cl. 137-587.
- Morrow, Malcolm. Standing and directive flood lighting system for vehicles. 2,770,687, 11-13-56, Cl. 200-33.
- Morrow, Sam C. Razor blade drying holder. 2,748,413, 6-5-56, Cl. 15-218.
- Morrow, Wallace E. : *See—*  
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- Anhorn, Victor J., Stewart, and Morrow. 2,758,958.
- Morsch, Jesse J. Throttle pedal depressing devices. 2,747,427, 5-29-56, Cl. 74-329.
- Morsch, Walter : *See—*  
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- Morsching, Clarence G. Operating signal for a planter or mechanical harrow. 2,761,126, 8-28-56, Cl. 340-271.
- Morse Chain Co. : *See—*  
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- Bremer, Norman C. 2,755,677.
- Dunn, Michael E. 2,753,702.
- McIntyre, Elmer L. 2,753,703.
- Morse, Charles H., and H. W. Young, to Remington Arms Co., Inc. Gas-operating firearm. 2,771,819, 11-27-56, Cl. 89-191.
- Morse, Delbert F., deceased (by L. J. Morse administratrix), and C. H. Jenkins, to Boeing Airplane Co. Severable duct joint with plural universal connections. 2,761,701, 9-4-56, Cl. 285-164.
- Morse, Elihu N., and L. E. Shaw, to Columbia Broadcasting System, Inc. Exhaust system. 2,774,394, 12-18-56, Cl. 141-65.
- Morse, Erwin E., to Brown Co. Method of wet-strengthening paper with high molecular weight urea-formaldehyde resins. 2,757,086, 7-31-56, Cl. 92-21.
- Morse, Frank H. : *See—*  
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- Morse, H. E. Co. : *See—*  
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- Morse, Henry E., to H. E. Morse Co. Multiple die machine. 2,753,986, 7-10-56, Cl. 205-4.
- Morse, Howard H. Fuel system tester. 2,730,897, 1-17-56, Cl. 73-118.
- Morse Instrument Co. The : *See—*  
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- Morse, Isidore. Dental repair press. 2,762,079, 9-11-56, Cl. 18-33.
- Morse, John B., Jr., and F. C. Benson, to The H. B. Ives Co. Door knocker. 2,747,538, 5-29-56, Cl. 116-148.
- Morse, John F. Marine engine control system. 2,729,984, 1-1-56, Cl. 74-472.
- Morse, John F. Casing for push-pull cable assembly. 2,730,134, 1-10-56, Cl. 138-57.
- Morse, John F. Remote motion transfer mechanism. 2,737,822, 3-13-56, Cl. 74-222.
- Morse, John F. Remote elbow for remote motion transfer system. 2,762,606, 9-11-56, Cl. 254-190.
- Morse, John J. Adjustable support and protective display container for articles. 2,751,070, 6-19-56, Cl. 206-45.14.
- Morse, Kenneth C. Container opener. 2,761,583, 9-4-56, Cl. 220-53.
- Morse, Leslie G., and W. F. Carpenter, to The Sargent-Roundy Corp. Seed planting machine. 2,768,770, 10-30-56, Cl. 222-276.
- Morse, Louise J. : *See—*  
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- Morse, Paul M. Rotary internal combustion engine. 2,774,341, 12-18-56, Cl. 123-44.
- Morse, Richard A., J. D. Ireland, and P. L. Terwilliger, to Stanolind Oil and Gas Co. Secondary recovery. 2,742,089, 1-7-56, Cl. 136-9.
- Morse, Robert V. : *See—*  
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- Rahn, Otto. 2,742,359.
- Morse, Ronald W. : *See—*  
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- Morse, Sarah R. : *See—*  
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- Morse-Starratt Products Co. : *See—*  
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- Mortenson, Harold A. Combined teeter-totter and merry-go-round. 2,735,679, 2-21-56, Cl. 272-30.
- Mortimer, W. V., to The Garrard Engineering & Mfg. Co., Ltd. Automatic trip mechanism for record changing phonographs. 2,757,006, 7-31-56, Cl. 274-1.
- Mortimer, Frank R. : *See—*  
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- Trevasakis, Henry W., and Mortimer. 2,766,853.
- Mortimer, Frank R., to Dunlop Rubber Co. Ltd. Braking system for retractable aircraft undercarriage. 2,753,136, 7-3-56, Cl. 244-111.
- Mortimer, Frank R., to Dunlop Rubber Co. Ltd. Automatic braking apparatus for aircraft wheels. 2,764,264, 9-25-56, Cl. 183-181.
- Mortimer, George E. : *See—*  
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- Mortley, Wilfrid S., to Marconi's Wireless Telegraph Co. Ltd. Pulse controlled oscillator arrangements. 2,738,424, 3-13-56, Cl. 250-36.
- Morton, Allen W. : *See—*  
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- Morton, Charles A. : *See—*  
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- Morton, Helen F. Fishing reel. 2,772,839, 12-4-56, Cl. 242-84.5.
- Morton, Digby B., D. B., Jr., and G. E. Internal-combustion engines. 2,730,087, 1-10-56, Cl. 123-51.
- Morton, Digby B., Jr. : *See—*  
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- Morton, Evans T., to Admiral Corp. Refrigerator evaporator. 2,737,785, 3-13-56, Cl. 62-126.
- Morton, Evans T., to Admiral Corp. Freezer compartment door. 2,762,676, 9-11-56, Cl. 312-329.
- Morton, Geoffrey F., R. Chittleburgh, and E. F. Powell, to Dunlop Rubber Corp. Apparatus for measuring the bore of tubing. 2,750,792, 6-19-56, Cl. 73-37.8.
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- Morton, Ralph T. : *See—*  
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- Morton, Richard N. Animated advertising signs. 2,770,901, 11-20-56, Cl. 40-77.
- Morton, Robert B. Unidirectional clutch mechanism. 2,742,126, 4-17-56, Cl. 192-41.
- Morton, Robert C., and E. Seid, to North American Aviation, Inc. Digigraph follower plotter. 2,764,464, 9-25-56, Cl. 346-112.
- Morton, Robert E. : *See—*  
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- Morton Sals Co. : *See—*  
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- Morton, Samuel C. Furrow marker. 2,739,563, 3-27-56, Cl. 114-4.
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- Mortrude, Albert D., to A. Belshaw, Inc. Awning. 2,752,644, 7-3-56, Cl. 20-57.5.
- Morway, Anton A., to A. A. Morway, F. B. Hinrichs, and C. A. Ross. Smelting process. 2,750,278, 6-12-56, Cl. 75-40.
- Morway, Arnold J. : *See—*  
Cottle, Delmar L., Young, and Morway. 2,746,924.
- Matuszak, Alfred H., Bartlett, and Morway. 2,757,139.
- Wasson, Jones I., and Morway. 2,737,497.
- Young, David W., Morway, and Cottle. 2,730,500.
- Young, David W., Morway, and Cottle. 2,751,351.
- Young, David W., Morway, and Cottle. 2,768,139.
- Young, David W., Morway, and Franklin. 2,755,249.
- Young, David W., Vanderbilt, Cottle, and Morway. 2,755,224.
- Morway, Arnold J., to Esso Research and Engineering Co. Preparation of soap-salt complexes utilizing preformed acid salt. 2,735,815, 2-21-56, Cl. 252-39.
- Morway, Arnold J., to Esso Research and Engineering Co. Complex grease containing hydrogenated castor oil. 2,738,328, 3-13-56, Cl. 252-40.5.
- Morway, Arnold J., and R. P. Spray, to Esso Research and Engineering Co. Synthetic casein fiber elastic grease. 2,734,862, 2-14-56, Cl. 252-14.
- Morway, Arnold J., D. L. Cottle, and D. W. Young, to Esso Research and Engineering Co. Lubricating grease containing organic carbonates. 2,739,127, 3-20-56, Cl. 252-41.
- Morway, Arnold J., and L. C. Dawson, to Esso Research and Engineering Co. Process for preparing lubricating compositions. 2,745,810, 5-15-56, Cl. 252-41.
- Morway, Arnold J., D. W. Young, and P. V. Smith, Jr., to Esso Research and Engineering Co. Lubricating grease comprising a synthetic oil and a complex thickener. 2,750,341, 6-12-56, Cl. 252-42.
- Morway, Arnold J., and J. H. Bartlett, to Esso Research and Engineering Co. Lubricating grease containing a metal salt of adipic. 2,754,268, 7-10-56, Cl. 252-41.
- Morway, Arnold J., and T. E. Witts, to Esso Research and Engineering Co. Process for preparing lubricating grease compositions. 2,758,973, 8-14-56, Cl. 252-42.

- Mory, Rudolf : *See—*  
 Schmid, Max, and Mory. 2,759,921.  
 Schmid, Max, Moser, Danuser, Mory, Mueller, and Wuergler. 2,741,656.  
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 Mosbacher, Bruce H. Pump, motor or like device. 2,736,267, 2-28-56, Cl. 103-158.  
 Mosbacher, Bruce H., to Geo. D. Roper Corp. Pump or fluid motor of the gear type. 2,745,355, 5-15-56, Cl. 103-117.  
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 Mosberg, Abraham. Device for use in the making of piped button holes. 2,734,470, 3-14-56, Cl. 112-77.  
 Mosby, Arnold M. Rotation mechanism for rock drills. 2,755,069, 7-17-56, Cl. 255-38.  
 Mosch, Alfred. Pyrophoric lighter. 2,737,796, 3-13-56, Cl. 67-71.  
 Moschel, Wilhelm : *See—*  
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 Moscrip, Arthur D. : *See—*  
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 Moseley, John A. : *See—*  
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 Moseley, John F., H. Mersey, I. H. Thomas, and J. J. Vincent, to The British Cotton Industry Research Association. Multiple box looms. 2,762,399, 9-11-56, Cl. 139-170.3.  
 Moseley, Kemper N. Lumber sorter. 2,733,808, 2-7-56, Cl. 209-38.  
 Moseley, Kemper N. Method of making a tobacco hoghead head. 2,736,353, 2-28-56, Cl. 144-309.  
 Moseley, Tomlinson L., to Dalmo Victor Co. Air compressor. 2,751,146, 6-19-56, Cl. 230-172.  
 Moseley, Tomlinson L., and P. E. Conklin, to Dalmo Victor Co. Sealed rotatable joint for radio frequency wave guide. 2,768,358, 10-23-56, Cl. 333-98.  
 Mosely, Neal J., to Detroit Controls Corp. Heating and cooling system and control valve therefor. 2,747,800, 5-29-56, Cl. 236-1.  
 Moser, Anthony. Deflector means for harvester delivery chute. 2,748,958, 6-5-56, Cl. 214-42.  
 Moser, Arvel,  $\frac{3}{4}$  to B. P. Jones. Floating yarn cutter mechanism. 2,749,731, 6-12-56, Cl. 66-147.  
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 Moser, Frank T. Apparatus for forming variegated interspersed ribbons of plastic materials. 2,758,553, 8-14-56, Cl. 107-1.  
 Moser, Frank T., to American Food Laboratories, Inc. Variegators. 2,774,314, 12-18-56, Cl. 107-1.  
 Moser, Grover C., Jr. File cabinet. 2,733,114, 1-31-56, Cl. 312-351.  
 Moser, J. G. : *See—*  
 Orsatti, Ernest R. 2,767,304.  
 Moser, John F., Jr. : *See—*  
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 Molstedt, Byron V., and Moser. 2,735,806.  
 Moser, John F., Jr., to Esso Research and Engineering Co. Pressure control in fluid solids system. 2,734,528, 2-14-56, Cl. 137-571.  
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 Moser, Otto. Scanning apparatus for perforated code tape. 2,747,011, 5-22-56, Cl. 178-1.  
 Moser, Otto. Teletypewriter for automatic telex service. 2,768,233, 10-23-56, Cl. 178-79.  
 Moser, Paul, to Waldemann Lindemann. Baling case. 2,738,726, 3-20-56, Cl. 100-220.  
 Moser, Robert C., to B. C. Skinner, B. C. Skinner, B. L. Skinner, B. W. Skinner, and V. S. Miles, copartners doing business as S-M Tappet Sales. Mechanical valve tappet. 2,751,896, 6-26-56, Cl. 123-90.  
 Moser, Vincent J., and S. Melamed, to Rohm & Haas Co. Cellulose fibrous products containing polymers of vinyl-oxethylurea and method of producing them. 2,771,362, 11-20-56, Cl. 92-3.  
 Moses, Charles. Flexible membrane shoe tree. 2,744,270, 5-8-56, Cl. 12-128.4.  
 Moses, Harry, to the United States of America as represented by the United States Atomic Energy Commission. Electronic pressure differential wind direction indicator. 2,770,128, 11-13-56, Cl. 73-188.  
 Moses, Harry C. : *See—*  
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 Dinwiddie, James A., and Mosesman. 2,775,562.  
 Moser, Frederick W. Package and like binding mechanism. 2,764,083, 9-25-56, Cl. 100-31.  
 Mosher, Ezra D., to Federal-Mogul-Bower Bearings, Inc. Face seal. 2,768,011, 10-23-56, Cl. 286-11.15.  
 Mosher, Harvey G. Windshield wiper. 2,740,152, 4-3-56, Cl. 19-35.  
 Mosher, James K., to Schulz Tool and Mfg. Co. Fluid pressure actuated valve with mechanical cleaning attachment. 2,749,932, 6-12-56, Cl. 137-244.  
 Mosher, James K., to Schulz Tool and Mfg. Co. Fluid pressure actuated valve. 2,749,936, 6-12-56, Cl. 137-413.  
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 Mosher, Merrill A., and W. C. Noddings, to International Smelting and Refining Co. Method and means for the prevention of electrolytic corrosion. 2,762,767, 9-11-56, Cl. 204-147.  
 Mosher, Ralph E., and R. A. Stiveson, to R. A. Cummings, Jr. Apparatus for stereoscopic projection in aerial mapping. 2,744,442, 5-8-56, Cl. 88-24.  
 Mosher, William O. : *See—*  
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 Moskow, David. Application of detergent to an automobile. 2,740,414, 4-3-56, Cl. 134-57.  
 Moskowitz, Lester R. : *See—*  
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 Moskowitz, Lester R., and R. E. Schell, to Radio Corp. of America. Orienting device. 2,752,028, 6-26-56, Cl. 198-33.  
 Moser, Arthur R., to The Mosler Safe Co. Device for storing paper money and coins. 2,735,541, 2-21-56, Cl. 206-0.81.  
 Mosler Lock Co., The : *See—*  
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 Hirn, Charles M. 2,766,609.  
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 Ervin, Clyde T., and Jacoby. 2,742,282.  
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 Mosier, Arthur R. 2,735,541.  
 Mosley, Earl J.,  $\frac{1}{4}$  to D. P. Powers and  $\frac{1}{4}$  to E. S. Houghton. Anti-jackknifing device for tractor-trailers. 2,762,634, 9-11-56, Cl. 280-432.  
 Moslo Machinery Co. : *See—*  
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 Moss, Henry,  $\frac{1}{4}$  to E. E. Moss, Jr.,  $\frac{1}{4}$  to J. P. Moss, and  $\frac{1}{4}$  to H. G. Moss. Bar type lint cleaner with resiliently mounted feed plate. 2,755,512, 7-24-56, Cl. 19-67.  
 Moss, Ennis E., Jr. : *See—*  
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 Moss, Eric, to S. Smith & Sons (England) Ltd. Liquid contents gauges. 2,737,808, 3-13-56, Cl. 73-304.  
 Moss, Gerald. Lamp having revolvable figurine. 2,772,348, 11-27-56, Cl. 240-2.  
 Moss, Henry V. : *See—*  
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 Wells, Louis E., Jr., and Moss. 2,746,930.  
 Moss, Henry V., to Monsanto Chemical Co. Fluorinated dialkali-alkaline earth pyrophosphates and method of production. 2,749,278, 6-5-56, Cl. 167-93.  
 Moss, Hoyle G. : *See—*  
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 Moss, Jack. Business forms. 2,757,940, 8-7-56, Cl. 282-23.  
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 Moss, Lois E. Hood-forming rain cloak. 2,734,193, 2-14-56, Cl. 2-84.  
 Moss, Lyle B. Toilet tank flushing mechanisms. 2,737,665, 3-13-56, Cl. 4-57.  
 Moss, Pennie M. Curtain threading helper. 2,762,511, 9-11-56, Cl. 223-105.  
 Moss, Thomas R. Score card. 2,774,614, 12-18-56, Cl. 281-1.  
 Moss, Walter E., and O. Garapolo, to Wilson & Co., Inc. Weighing system. 2,762,290, 9-11-56, Cl. 99-256.  
 Mossberg Pressed Steel Corp. : *See—*  
 Olson, Robert V. 2,744,695.  
 Mosse, Pierre, to Crylor. Process for treating acrylonitrile polymers with aqueous formaldehyde. 2,768,995, 10-30-56, Cl. 260-73.  
 Mosser, Raymond L. Toy gun cartridge. 2,746,390, 5-22-56, Cl. 102-38.  
 Mossey, Joseph L. : *See—*  
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 Mossman, John. Corsage with angular flower holder. 2,756,542, 7-31-56, Cl. 47-41.



- Mestek, Peter. Dual control system. 2,754,432, 7-10-56, Cl. 307-140.
- Mostertz, Ferdinand W. Pile fabric and method. 2,764,185, 9-25-56, Cl. 139-391.
- Motch & Merryweather Machinery Co., The: See—  
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- Mote, Charles W.: See—  
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- Motion, Inc.: See—  
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- Motor Products Corp.: See—  
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- Eck, Floyd R. 2,733,476.
- Renno, Donald G. 2,761,183.
- Renno, Donald G. 2,761,184.
- Renno, Donald G. 2,761,729.
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- Motor Wheel Corp.: See—  
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- Horn, Harry J. 2,734,779.
- Horn, Harry J. 2,750,012.
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- Horn, Harry J., and Watson. 2,738,038.
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- Jones, Don F., and Hill. 2,747,656.
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- Bauman, Edward. 2,743,361.
- Beck, Charles E. 2,731,555.
- Bottom, Virgil E., and Ives. 2,743,144.
- Bowser, Willard W. 2,740,891.
- Brewster, Franklin C. 2,750,495.
- Byrne, John F. 2,767,397.
- Cado, Edwin D., Buskirk, and Setser. 2,733,757.
- Casey, James E. 2,766,393.
- Clark, James M. 2,770,721.
- Crow, Robert P. 2,750,451.
- Doremus, John A. 2,743,455.
- Doremus, John A. 2,756,414.
- Doremus, John A., Stenerson, and Waterman. 2,731,622.
- Dyke, Edwin. 2,742,565.
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- Eberhard, Everett. 2,751,501.
- Fish, James L. 2,771,049.
- Frihart, Henry N., and Baroch. 2,734,132.
- Frihart, Henry N., and Baroch. 2,770,724.
- Fyler, George W. 2,735,988.
- Harasek, Richard J. 2,738,690.
- Harasek, Richard J. 2,738,419.
- Hill, Fred P. 2,746,006.
- Kraft, Richard A. 2,743,364.
- Kroger, Marlin G. 2,766,880.
- MacDonald, Angus A., Baltezare, and Parks. 2,759,052.
- Magnuski, Henry. 2,734,131.
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- Parker, Norman W. 2,766,320.
- Parker, Norman W. 2,766,321.
- Parnet, Bernard S. 2,743,433.
- Passow, Edward B., and De Napoli. 2,732,545.
- Peth, Robert. 2,759,103.
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- Sacre, Leo D. 2,770,137.
- Schaper, William A. 2,743,693.
- Schlesinger, Kurt. 2,735,886.
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- Schlesinger, Kurt. 2,751,429.
- Schlesinger, Kurt. 2,755,410.
- Schlesinger, Kurt. 2,775,738.
- Schlesinger, Kurt, and Graziano. 2,770,748.
- Schlesinger, Kurt, and Nero. 2,751,554.
- Steen, Willis J. 2,761,820.
- Sunko, John. 2,756,904.
- Sunko, John, and Biederman. 2,756,299.
- Taylor, Douglas W. 2,752,526.
- Walker, Leonard G. 2,731,635.
- Winkler, Marion R. Re. 2,411,0.
- Witte, Roy. 2,773,177.
- Zimmerman, Jack J. 2,770,875.
- Zimmerman, Jack J. 2,771,047.
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- Zimmerman, Jack J. 2,771,050.
- Mott, Chester D., to Fansteel Metallurgical Corp. Method of arc welding. 2,760,044, 8-21-56, Cl. 219-10.
- Mott, Frederick M., and E. J. Bradbury, to Automotive Products Co. Ltd. Control mechanism for the transmission systems of motor vehicles. 2,742,987, 4-4-56, Cl. 192-8.
- Mott, John P.  $\frac{1}{2}$  to A. D. Rossi. Staple former and stitching machine. 2,741,766, 4-17-56, Cl. 1-203.
- Mott, John H. Fluid operated drilling unit. 2,750,816, 6-19-56, Cl. 77-6.
- Mott, Norman S., to Cooper Alloy Corp. Stainless steel of the "20" type. 2,750,282, 6-12-56, Cl. 75-125.
- Mott, Richard C., to Minneapolis-Honeywell Regulator Co. Shaft seal. 2,765,185, 10-2-56, Cl. 286-30.
- Mott-Smith, Lewis M., and B. R. Rumbutis. Range and range-rate indicating unit. 2,737,344, 3-6-56, Cl. 235-61.5.
- Mottais, Jean O.: See—  
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- Motter, Charles S., to Morton Mfg. Co. Steel frame wood clad table. 2,762,672, 9-11-56, Cl. 312-140.3.
- Motter, Theodore J., to Libbey-Owens-Ford Glass Co. Method of producing mar resistant surfaces on thermoplastic materials. 2,771,378, 11-20-56, Cl. 117-47.
- Mottern, Henry O., to Esso Research and Engineering Co. Preparation of isopropanol of improved odor quality. 2,729,682, 1-3-56, Cl. 260-641.
- Mottet, Arthur L.: See—  
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- Mottet, Arthur L., to The Long-Bell Lumber Co. Making fiberboard of uniform density and thickness. 2,744,848, 5-3-56, Cl. 154-1.
- Mottet, Arthur L., to The Long-Bell Lumber Co. Volumetric feeder for fibrous materials. 2,752,639, 7-3-56, Cl. 19-96.
- Mottet, Arthur L., to The Long-Bell Lumber Co. Apparatus for applying sprayable materials to solid particles. 2,761,420, 9-4-56, Cl. 118-418.
- Mottram, Charles P.: See—  
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- Efford, John T., and Mottram. 2,746,647.
- Motts, Frank D., to The Overly-Hautz Co. Motor base. 2,765,987, 10-9-56, Cl. 248-29.
- Mottu, André, to Societe Genevoise d'Instruments de Physique. Optical device for examining the cross-section of parts having an intricate outline. 2,737,080, 3-6-56, Cl. 88-24.
- Mottu, André, to Societe Genevoise d'Instruments de Physique. Arrangement for projecting in superposition the images of a work piece and of a reference drawing through an outline projector. 2,765,704, 10-9-56, Cl. 88-24.
- Moubayed, Esber E. Combined frozen confection, cup and pipette. 2,766,123, 10-9-56, Cl. 99-137.
- Mould, Harry W., Jr.: See—  
Sals, Leonard J., and Mould. 2,733,600.
- Moulder, Harry H. Combined hose reel and sprinkler. 2,755,035, 7-17-56, Cl. 242-87.
- Moule, Rex E. Drying oven. 2,745,190, 5-15-56, Cl. 34-12.
- Moule, William N.: See—  
Brockwell, Lloyd A., and Moule. 2,762,881.
- Moulinage et Retorderie de Chavanoz: See—  
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- Vandamme, Louis, and Rouyer. 2,761,272.
- Moulon, Jean-Marie. High stability transistor oscillator. 2,745,009, 5-8-56, Cl. 250-36.
- Moulon, Jean-Marie. Stabilized transistor amplifier. 2,774,826, 9-5-56, Cl. 179-171.
- Moulton, Clifford H.: See—  
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- Moulton, Lee A. Reading training device. 2,735,193, 2-21-56, Cl. 35-35.
- Moulton, Lloyd J., to The Marquette Metal Products Co. Dual engine control system. 2,754,490, 2-14-56, Cl. 123-27.
- Moulton, Lloyd J., to The Marquette Metal Products Co. Fuel control systems. 2,739,577, 3-27-56, Cl. 123-27.
- Moulton, Stephen W., to Philco Corp. Constant bandwidth coupling system. 2,756,393, 7-24-56, Cl. 333-27.
- Mounce, Whitman D.: See—  
Buckley, Stuart E., and Mounce. 2,740,695.
- Mounce, Whitman D., to Esso Research and Engineering Co. Electrical resistivity well logging systems and methods. 2,730,672, 1-10-56, Cl. 324-7.
- Mounce, Whitman D., to Esso Research and Engineering Co. Method of increasing permeability of a producing formation. 2,746,551, 5-22-56, Cl. 166-36.
- Mounsoud, Russel L., and H. G. Hill. Boat trailer. 2,740,543, 4-3-56, Cl. 214-506.
- Mount, George W. Magnetic hammers. 2,731,993, 1-24-56, Cl. 45-1.
- Mount, George W. Web stretching device. 2,732,175, 1-24-56, Cl. 254-79.
- Mount, George W. Hand magnetic pick up tool. 2,732,243, 1-24-56, Cl. 294-65.5.
- Mountain, Tom L.: See—  
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- Mounteer, Carlyle A., to G. M. Giannini & Co. Inc. Potentiometer brush. 2,759,081, 8-14-56, Cl. 201-62.
- Moutonj, Garrard, to General Dynamics Corp. Antenna combined with magnetic coupling core. 2,755,468, 7-17-56, Cl. 343-850.
- Mouravieff, Nicolas. Free-wheel device. 2,737,274, 3-6-56, Cl. 192-41.
- Mouravieff, Nicolas. Devices for transmitting rotary motion. 2,758,481, 8-14-56, Cl. 74-116.
- Mourning, Rollo C.: See—  
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- Mouton, Marcel, to Olin Mathieson Chemical Corp. Process for bleaching and deodorizing meat. 2,766,121, 10-9-56, Cl. 99-107.
- Mowbray, Garrett H., to M-W Sales Co. Form relieving fixture. 2,752,740, 3-3-56, Cl. 61-232.
- Mowat, Benona C. Composite wheel and tire. 2,743,139, 4-24-56, Cl. 301-41.
- Mowat, John H., G. C. Krupka, and S. Nalesnyk, to American Cyanamid Co. Method for purifying streptodornase-streptokinase. 2,733,291, 7-3-56, Cl. 195-66.
- Mowbray, Harry. Rod weeder attachment for agriculture implements. 2,767,631, 10-23-56, Cl. 97-42.

- Mowers, Henry D.: *See*—  
McDonnell, Joseph M., and Mowers, 2,763,340.
- Mowrer, Howard J., Jr. Captive wrench for coupling-nut swivelled on a tube. 2,733,937, 2-7-56, Cl. 285-1.
- Murry, David T., and A. H. Schlesinger, to Monsanto Chemical Co. Herbicides. 2,734,815, 2-14-56, Cl. 71-2-5.
- Mowry, David T., and A. B. Craig, to The Chemstrand Corp. Dyeable acrylonitrile fiber forming compositions. 2,744,086, 5-1-56, Cl. 260-45.4.
- Mowry, David T., and A. H. Schlesinger, to Monsanto Chemical Co. Herbicidal composition. 2,745,729, 5-15-56, Cl. 71-2-6.
- Mowry, David T., and R. M. Hedrick, to Monsanto Chemical Co. Erosion-stable soil. 2,754,623, 7-17-56, Cl. 47-1-1.
- Mowry, Ivan H. Comapsible golf bag standard. 2,751,176, 6-19-56, Cl. 248-3-6.
- Mowry, John E. Vertically adjustable table. 2,770,467, 11-13-56, Cl. 280-44.
- Moy, Paul W., and A. H. Du Rose, to The Harshaw Chemical Co. Alkaline nickel plating solution. 2,773,818, 12-11-56, Cl. 204-4-9.
- Moya, Marcelino, Jr.: *See*—  
Arquelles, Adolfo R., and Moya, 2,760,681.
- Moyer, David F., to General Motors Corp. Circuit breaker. 2,743,335, 2-14-56, Cl. 200-138.
- Moyer, David F., to General Motors Corp. Plug-in control switch. 2,773,959, 11-11-56, Cl. 200-115.5.
- Moyer, Golden A., to Phillips Petroleum Co. Pulsation dampener for gaseous streams. 2,735,504, 2-21-56, Cl. 181-3-6.
- Moyer, Golden A., to Phillips Petroleum Co. Vacuum distillation of oils. 2,774,723, 12-18-56, Cl. 196-77.
- Moyer, James H., to The Columbus Dental Mfg. Co. Interchangeable tooth crown. 2,770,040, 11-13-56, Cl. 32-1-2.
- Moyer, James W., and H. Harwitz, Jr., to the United States Atomic Energy Commission. Neutron flux measuring device. 2,753,462, 7-3-56, Cl. 250-83.1.
- Moyer, Joseph K., and R. C. Yama, to The Silco Co. Handle for glass containers. 2,760,808, 8-28-56, Cl. 294-31.2.
- Moyer, Oscar E., to Universal Mfg. Corp. Scaffold legs with coupling pins. 2,765,200, 10-2-56, Cl. 304-2.
- Moyer, Robert F., to National U. S. Radiator Corp. Apparatus for flaring pipe. 2,743,512, 5-1-56, Cl. 29-202.
- Moyer, Walter W. Co.: *See*—  
Godshall, Nicholas G., 2,742,870.
- Moyeux, Maurice: *See*—  
Libermann, David, and Moyeux, 2,771,393.
- Moyle, Morton P.: *See*—  
Tribus, Myron, and Moyle, 2,766,619.
- Moyshnan Bronze Co.: *See*—  
Cudini, Roger G., 2,743,463.
- Moyroud, Louis M.: *See*—  
Higonnet, Rene, and Moyroud, 2,736,249.  
Higonnet, Rene, and Moyroud, 2,758,693.  
Higonnet, Rene and Moyroud, 2,775,172.  
Higonnet, Rene A., and Moyroud, 2,744,443.  
Higonnet, Rene A., and Moyroud, 2,744,457.  
Higonnet, Rene A., and Moyroud, 2,765,895.  
Higonnet, Rene A., and Moyroud, 2,767,628.
- Moziek, John: *See*—  
McIntosh, Walter W., Moziek, and Smith, 2,771,636.
- Mozingo, Alfred K., and H. K. Salzberg, to The Borden Co. Stabilized aniline. 2,757,171, 7-31-56, Cl. 200-119.
- Mrack, Milo F. Canine scent discrimination article. 2,758,565, 8-14-56, Cl. 119-29.
- Mraz, Miles J., to North American Aviation, Inc. Retractable mount for rockets. 2,752,824, 7-3-56, Cl. 89-1-7.
- Mraz, Richard G., to Hercules Powder Co. Mixed esters of phthalic acids and process for production thereof. 2,742,494, 4-17-56, Cl. 260-475.
- Mrazik, George. Cap lifter for press fitted caps. 2,759,383, 8-21-56, Cl. 81-3-46.
- Mruk, Walter W.: *See*—  
Jacobson, Moses G., Gilfert, De Luca, and Mruk, 2,769,884.
- Mucher, George J., to Clarostat Mfg. Co., Inc. Switch. Re. 2,742,118, 9-15-56, Cl. 200-45.
- Mucher, George J., to Clarostat Mfg. Co., Inc. Electric resistor. 2,737,560, 3-6-56, Cl. 201-48.
- Mucher, George J., to Clarostat Mfg. Co., Inc. Control coupling. 2,744,777, 5-8-56, Cl. 287-53.
- Mucher, George J., to Clarostat Mfg. Co., Inc. Electric control assembly. 2,758,182, 8-7-56, Cl. 201-48.
- Mucher, George J., to Clarostat Mfg. Co., Inc. Switch. 2,767,271, 10-16-56, Cl. 200-67.
- Muchmore, Robert B., to Sperry Rand Corp. Coaxial stub supports. 2,743,422, 4-4-56, Cl. 333-97.
- Muehnick, Paul, to Sorensen & Co., Inc. Voltage regulator. 2,753,514, 7-3-56, Cl. 323-66.
- Muck, William E.: *See*—  
Free, Vernon, and Muck, 2,767,390.
- Muckley, Henry E., to Belliss & Morcom Ltd. Pistons. 2,772,932, 12-4-56, Cl. 309-4.
- Mueckter, Heinrich, and E. Jansen, to Chemie Gruenthal G. m. b. H. Penicillin-streptomycin compound. 2,755,274, 7-17-56, Cl. 260-240.
- Mudrak, Anton, to Colgate-Palmolive Co. N-higher-alkyl-4-carboxy-2-pyrrolidones and compositions therewith. 2,757,125, 7-31-56, Cl. 167-93.
- Muecke, Edward A., to The Singer Mfg. Co. Loopers and looper throw-outs for chain-stitch sewing machines. 2,758,557, 8-14-56, Cl. 112-200.
- Muehlbauer, Fritz, to Badische Anilin- & Soda-Fabrik Aktien-gesellschaft. Production of dyestuffs of the phthalocyanine series. 2,768,170, 10-23-56, Cl. 260-314.5.
- Muehlhause, Carl O., and G. E. Thomas, to the United States Atomic Energy Commission. Neutron scintillation detector. 2,755,253, 7-17-56, Cl. 252-301.2.
- Muehlhause, Carl K.: *See*—  
Dawsey, Lynn H., Umhoefer, and Muehlhause, 2,768,069.
- Muehling, Anthony A., to Mid-West Abrasive Co. Swing grinder. 2,741,070, 4-10-56, Cl. 51-32.
- Muehling, Anthony A., to Mid-West Abrasive Co. Swing grinder. 2,750,714, 6-19-56, Cl. 51-32.
- Muehling, Arthur A. L., to the United States Atomic Energy Commission, to The Gear Grinding Machine Co., and R. H. Mustonen. Apparatus for orienting prismatic bodies. 2,761,885, 9-4-56, Cl. 221-174.
- Muehring, John E.: *See*—  
Milligan, Harold E., and Muehring, 2,734,612.
- Mueller, Albert C.: *See*—  
Bradley, Theodore F., and Mueller, 2,741,607.
- Mueller, Albert C., to Shell Development Co. Esters of sulfonic acids and certain epoxy-substituted alcohols and method for their preparation. 2,755,290, 7-17-56, Cl. 260-348.
- Mueller, Albert C., to Shell Development Co. Process for preparing epoxy esters. 2,772,296, 11-27-56, Cl. 260-348.
- Mueller, Andrew A., to A. C. Nielsen Co. Voltage injection circuit. 2,755,223, 8-7-56, Cl. 307-137.
- Mueller, Anthony: *See*—  
Johnson, Thomas H., and Mueller, 2,764,936.  
Johnson, Thomas H., and Mueller, 2,775,198.
- Mueller, Carl F., and W. A. Mueller. Ozone massage device. 2,740,050, 11-13-56, Cl. 128-544.1.
- Mueller, Carl F., and W. A. Ozone therapeutic device. 2,745,407, 5-15-56, Cl. 128-407.
- Mueller, Carl H.: *See*—  
Klein, Victor G., and Mueller, 2,745,290.
- Mueller, Carl H., to Schenck & Mueller, 2,735,683.
- Mueller, Carl H., and R. F. Schneller, to Lincoln Engineering Co. Lubrication systems. 2,748,893, 6-5-56, Cl. 184-7.
- Mueller, Charles W., to Radio Corp. of America. Semiconductor devices. 2,759,133, 8-14-56, Cl. 317-235.
- Mueller, Charles W.: *See*—  
Bowen, Walter J., and Ferry, 2,735,700.  
Brown, Oscar E., and Baker, 2,775,469.  
Cline, Earl E., 2,757,897.  
Henderson, William M., 2,757,943.  
Lowe, Earl W., and Feltz, 2,757,024.
- Mueller, Frank H.: *See*—  
Mueller, Frank H., 2,735,116.  
Mueller, Frank H., 2,738,799.  
Mueller, Frank H., 2,748,463.  
Mueller, Frank H., and Bowen, 2,767,729.  
Mueller, Frank H., and Bowen, 2,773,618.  
Mueller, Frank H., and Smith, 2,745,669.  
Mueller, Frank H., and Smith, 2,761,688.  
Mueller, Frank H., and Smith, 2,767,600.  
Mueller, Frank H., and Tinker, 2,731,207.  
Mueller, Frank H., and Tinker, 2,735,444.  
Mueller, Frank H., and Tinker, 2,756,936.  
Mueller, Frank H., and Tatzlik, 2,731,041.  
Mueller, Frank H., and Tatzlik, 2,735,123.  
Reedy, Emmett M., and Mueller, 2,763,282.  
Smith, John J., 2,756,486.  
Tatzlik, Frederick, and Bowen, 2,756,779.
- Mueller, Eleanor S. All purpose orthopedic pillow. 2,765,480, 10-9-56, Cl. 5-338.
- Mueller Electric Co.: *See*—  
de Coningh, Edward H., and Flynn, 2,762,028.
- Mueller, Ervin H. Runner lighter for gas burners. 2,737,233, 3-6-56, Cl. 158-115.
- Mueller, Ervin H. Double outlet valve for controlling gas. 2,763,289, 9-18-56, Cl. 137-599.2.
- Mueller, Frank H.: *See*—  
Reedy, Emmett M., and Mueller, 2,763,282.
- Mueller, Frank H., to Mueller Co. Combined drill and tap. 2,735,116, 11-13-56, Cl. 201-48.
- Mueller, Frank H., to Mueller Co. Rotary plug valve. 2,738,799, 3-20-56, Cl. 137-246.22.
- Mueller, Frank H., to Mueller Co. Method of coupling pipes. 2,748,463, 6-5-56, Cl. 29-523.
- Mueller, Frank H., and F. Tatzlik, to Mueller Co. By-pass assembly for service pipes. 2,731,041, 1-17-56, Cl. 138-97.
- Mueller, Frank H., and E. E. Tinker, to Mueller Co. Relief valve. 2,731,207, 1-17-56, Cl. 236-92.
- Mueller, Frank H., and F. Tatzlik, to Mueller Co. Pipe cleaning tool. 2,735,123, 2-21-56, Cl. 15-104.09.
- Mueller, Frank H., and E. E. Tinker, to Mueller Co. Fluid pressure regulator. 2,735,444, 2-21-56, Cl. 137-505.44.
- Mueller, Frank H., and J. J. Smith, to Mueller Co. Machine for drilling and tapping mains. 2,745,669, 5-15-56, Cl. 279-91.
- Mueller, Frank H., and E. E. Tinker, to Mueller Co. Relief valve. 2,756,936, 7-31-56, Cl. 236-92.
- Mueller, Frank H., and J. J. Smith, to Mueller Co. Machine for drilling and tapping mains. 2,761,688, 9-4-56, Cl. 279-99.
- Mueller, Frank H., and J. J. Smith, to Mueller Co. Machine for drilling and tapping mains. 2,767,600, 10-23-56, Cl. 7-38.
- Mueller, Frank H., and W. J. Bowen, to Mueller Co. Tapered rotary plug valve. 2,767,729, 10-23-56, Cl. 137-246.19.
- Mueller, Frank H., and W. J. Bowen, to Mueller Co. Service installation. 2,773,618, 12-11-56, Cl. 220-3-8.



- Mueller, Fred R., to Cozier Container Corp. Shipping container. 2,730,287, 1-10-56, Cl. 229-14.
- Mueller, Fritz G.: *See*—
- Hamontre, Hugh C., Mueller, and Armstrong. 2,771,686.
- Mueller, George P.: *See*—
- Mazur, Robert H., and Mueller. 2,753,343.
- Simerl, Linton E., Heald, and Mueller. 2,773,045.
- Mueller, George P., to G. D. Searle & Co. 16,17-carboxymethylene pregnenes and esters thereof. 2,729,653, 1-3-56, Cl. 260-397.1.
- Mueller, George P., to G. D. Searle & Co. 3,26-dihydroxy-16,22-imino-5-cholestenes and 3,26-dihydroxy-16,22-imino-5,16,20(22)-cholestatrienes and derivatives thereof. 2,740,781, 4-3-56, Cl. 260-239.5.
- Mueller-Gliemann, Karl: *See*—
- Reppe, Walter, Schlichting, and Mueller-Gliemann. 2,769,017.
- Mueller, Herman G. Heat exchanger. 2,739,795, 3-27-56, Cl. 257-241.
- Mueller, Herman H. Automatic interlocking dual phonograph record player. 2,729,455, 1-3-56, Cl. 274-10.
- Mueller, Homer L., to American Machine & Foundry Co. Reach bar assembly for bicycle frame. 2,747,589, 5-29-56, Cl. 280-281.
- Mueller, Jakob, to Ciba Ltd. Asymmetrical indigoid dyestuffs. 2,735,853, 2-21-56, Cl. 260-332.
- Mueller, Johannes: *See*—
- Schittler, Emil, and Mueller. 2,752,351.
- Schittler, Emil, and Mueller. 2,755,257.
- Mueller, Louis E. Sheet feeder. 2,751,003, 6-19-56, Cl. 164-21.
- Mueller, Martin: *See*—
- Kristmann, Stefan, and Mueller. 2,739,345.
- Mueller, Otto. Positive clutch and brake mechanism for press. 2,763,351, 9-18-56, Cl. 192-17.
- Mueller, Paul L.: *See*—
- Bachman, Robert J., Lewis, Mueller, and Murray. 2,734,858.
- Mueller, Paul L., to Western Electric Co., Inc. Resistance apparatus. 2,735,065, 2-14-56, Cl. 324-62.
- Mueller, Paul M., to Pratt & Whitney Co., Inc. Rotary pumps. 2,775,208, 12-25-56, Cl. 103-111.
- Mueller, Richard J., to Automatic Canteen Co. of America, Inc. Method and apparatus for dispensing a measured amount of beverage ingredients. 2,770,394, 11-15-56, Cl. 222.
- Mueller, Robert F.: *See*—
- Clougherty, Leo B., and Mueller. 2,763,563.
- Mueller, Robert H.: *See*—
- Russell, Francis R., Fell, and Mueller. 2,767,847.
- Mueller, Robert H., to Esso Research and Engineering Co. Olefin polymerization process. 2,755,324, 7-17-56, Cl. 260-683.15.
- Mueller, Rudolph R. Toasters and the like. 2,763,199, 9-18-56, Cl. 99-341.
- Mueller, Thomas D.: *See*—
- Jones, Stanley E., and Mueller. 2,755,389.
- Mueller, Walter A.: *See*—
- Mueller, Carl F., and W. A. 2,745,400.
- Mueller, Carl F., and W. A. 2,745,407.
- Mueller, Werner F. K.: *See*—
- Looper, Robert L., and Mueller. 2,748,583.
- Mueller, William A., to Warner Bros. Pictures, Inc. Film synchronizing marker. 2,734,948, 4-14-56, Cl. 179-100.2.
- Mueller, William F. Pipe line cleaning machine. 2,755,809, 7-24-56, Cl. 134-58.
- Mueller, Willy: *See*—
- Schmid, Max, Moser, Danuser, Mory, Mueller, and Wuergler. 2,741,656.
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- Schmid, Max, Moser, Danuser, Mory, Mueller, and Wuergler. 2,741,658.
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- Muench, Carl G., to The Celotex Corp. Consistency regulator. 2,746,475, 5-22-56, Cl. 137-91.
- Muenster, Alfred: *See*—
- Keller, Rudolf, Keyssner, Muenster, and Pfaff. 2,738,030.
- Muessig, Clifford W.: *See*—
- Smith, Paul V., Jr., Lippincott, and Muessig. 2,764,551.
- Muetteties, Earl L.: *See*—
- Farlow, Mark W., and Muetteties. 2,732,410.
- Farlow, Mark W., and Muetteties. 2,732,411.
- Muetteties, Earl L., to E. I. du Pont de Nemours and Co. Fluorine and sulfur compounds. 2,729,663, 1-3-56, Cl. 260-431.
- Muetteties, Earl L., to E. I. du Pont de Nemours and Co. Chalcogenous complexes. 2,748,145, 5-29-56, Cl. 260-329.
- Muetteties, Earl L., to E. I. du Pont de Nemours and Co. Preparation of mercuric fluoride by reaction of mercuric oxide and hydrogen fluoride gas. 2,757,070, 7-31-56, Cl. 23-58.
- Muetteties, Earl L., to E. I. du Pont de Nemours and Co. New process for preparing chloro-fluoro methanes from phosgene and a metal fluoride. 2,757,214, 7-31-56, Cl. 260-653.
- Muff, Oliver W., to Robinson Orifice Fitting Co. Line head. 2,743,742, 5-1-56, Cl. 158-44.
- Muffy, Gary, to GmF Research & Development Co. Transient viewer and recorder. 2,737,464, 3-6-56, Cl. 340-318.
- Muffy, Glenn. Reversible refrigerating systems. 2,747,376, 5-29-56, Cl. 62-4.
- Muffy, Glenn. Defrosting of evaporator. 2,765,633, 10-9-56, Cl. 62-117.3.
- Muffy, Glenn. Ice making method and apparatus. 2,774,223, 12-18-56, Cl. 62-7.
- Muffy, James A. Instrument for probing the reticulum. 2,753,869, 7-10-56, Cl. 128-356.
- Muffy, James A. Instrument for probing the reticulum. 2,753,870, 7-10-56, Cl. 128-356.
- Mugavero, Vincent A. Apparatus for removing the ends of containers. 2,728,983, 1-3-56, Cl. 30-9.
- Muggleton, Gerald D., to Combined Locks Paper Co. Method of coating paper with high solids content coating material. 2,772,604, 12-4-56, Cl. 92-40.
- Muggli, Ewald: *See*—
- Muggli, Meinrad and E. 2,757,801.
- Muggli, Meinrad and E. Signal devices for filters. 2,757,801, 8-5-56, Cl. 210-164.
- Mugler, Joseph M. Foldable lounge chair. 2,740,465, 4-3-56, Cl. 155-105.
- Mühlemann, Ernst: *See*—
- Hepperle, Erwin and Mühlemann. 2,765,709.
- Muhlenbruch, Fred, to Dairy Conveyor Corp. Extensible load-in conveyor. 2,768,732, 10-30-56, Cl. 198-159.
- Muhle, Joseph C.: *See*—
- Moorman, Wilbur C., and Muhler. 2,771,764.
- Muhlhausen, Cornelius: *See*—
- Hoppe, Peter, Weinbrenner, Muhlhausen, and Breer. 2,764,565.
- Muhre, M. Method of preserving natural rumen micro-organisms and product which results therefrom. 2,738,273, 3-13-56, Cl. 99-2.
- Muirhead & Co. Ltd.: *See*—
- Bell, John, Cannon, and Mundy. 2,729,818.
- McGeehan, Sydney N., and Hibbitt. 2,738,434.
- Kirchel, Ian. 2,740,686.
- Phillips, Eric T. A., and Botting. 2,768,309.
- Muirhead, James, to The Murray Corp. of America. Coupling pin retaining clip. 2,739,000, 3-20-56, Cl. 287-108.
- Mulbarger, Francis A.: *See*—
- Mulbarger, Francis A., and W. E. Harris, to United States Rubber Co. Method and apparatus for forming self-sealing inner tube. 2,736,921, 3-6-56, Cl. 18-14.
- Mulbarger, Francis A., and A. B. Clayton, to United States Rubber Co. Method of splicing rubber articles. 2,773,641, 12-11-56, Cl. 154-14.
- Mulcahey, John F. Artificial bait. 2,748,522, 6-5-56, Cl. 43-42.06.
- Mulcahy, Harry K. Paint container. 2,763,880, 9-25-56, Cl. 15-121.2.
- Mulcahy, Harry W., to W. H. Miner, Inc. Combined rubber and friction shock absorbing mechanism. 2,755,940, 7-24-56, Cl. 213-49.
- Mulcahy, Harry W., to W. H. Miner, Inc. Rubber shock absorbing mechanisms. 2,765,929, Cl. 213-40.
- Mulder, Harm H., to Hartford National Bank and Trust Co., trustee. Push-pull circuit for amplifying or producing high-frequency oscillations. 2,763,734, 9-18-56, Cl. 179-171.
- Mulheim, Joseph E., and S. B. Barnhardt, to Westinghouse Electric Corp. Flexible drive means. 2,734,359, 2-14-56, Cl. 64-34.
- Mulka, Friedrich. Slide fastener. 2,775,012, 12-25-56, Cl. 24-205.1.
- Mullally, Vernon P. Fire alarm apparatus. 2,745,926, 5-15-56, Cl. 200-142.
- Mullan, Daniel, to Westinghouse Electric Corp. Machine for trimming fluxing and soldering the lead wires of fluorescent lamps. 2,764,953, 10-2-56, Cl. 113-59.
- Mullan, Daniel, to Westinghouse Electric Corp. Apparatus for manufacturing discharge lamps. 2,772,134, 11-27-56, Cl. 316-32.
- Mulaney, John H., to Dircant Co. Radio antenna system. 2,770,802, 11-13-56, Cl. 343-852.
- Mullane, Ralph A., to Zenith Radio Corp. Record storing and ejecting mechanism for a phonograph. 2,743,100, 4-24-56, Cl. 274-10.
- Mullard Radio Valve Co., The: *See*—
- Couling, Frederick S., and Tosswill. 2,768,330.
- Mullen, Edward: *See*—
- Benson, Alfred, and Mullen. 2,761,570.
- Mullen, H. James. Hair cutting apparatus. 2,752,677, 7-3-56, Cl. 30-202.
- Mullen, H. James, to the United States of America as represented by the Secretary of the Navy. Controlled area combustion for ramjet. 2,742,761, 4-24-56, Cl. 60-39.28.
- Mullen, James W. II, and J. B. Fenn, to Chemical Construction Corp. Thermal transformation of hydrocarbons. 2,767,253, 10-16-56, Cl. 260-879.
- Mullen, James W., Jr., and J. M. Boyle, to Esso Research and Engineering Co. Lubricating oil additive. 2,734,869, 2-14-56, Cl. 252-47.5.
- Mullen, William G., to A. B. Dick Co. Dampening system and method of using same. 2,733,653, 2-7-56, Cl. 101-147.
- Mullen, William T. Laminated flashing materials. 2,734,010, 2-7-56, Cl. 154-51.
- Mullen, William T. Laminated materials. 2,748,043, 5-29-56, Cl. 154-51.
- Müllenschlader, Carl O. Manufacture of textile yarns of threads. 2,748,558, 6-5-56, Cl. 57-34.
- Müller, G. G. Maschinenfabrik und Eisengießerei: *See*—
- Ingold, Fritz. 2,751,790.
- Muller, Alfred A. Pressure responsive signal device. 2,739,201, 3-20-56, Cl. 200-83.

- Müller, Edwin. Device for producing the picker stroke on a loom. 2,760,524, 8-28-56, Cl. 139-147.
- Müller, Erich, and H. Michaels, to Jagbenberg-Verke Akt.-Ges. Air doctor for web coating machines. 2,766,720, 10-16-56, Cl. 118-63.
- Müller, Ernst, to Precisa A. G. Rechenmaschinenfabrik. Type bars for calculating and bookkeeping machines. 2,746,385, 5-22-56, Cl. 101-109.
- Müller, Franz, to K. Bickner-Humboldt-Deutz Aktiengesellschaft. Installation for the heating of fine granular material, especially cement raw material. 2,756,981, 7-31-56, Cl. 263-32.
- Müller, Friedrich W., to Hartford National Bank and Trust Co., trustee. Apparatus for simulating the sound of a swinging bell. 2,744,583, 5-8-56, Cl. 181-0.5.
- Müller, Friedrich W., to Hartford National Bank and Trust Co., trustee. Sound radiator. 2,765,043, 10-2-56, Cl. 181-31.
- Müller, Fritz. See—
- Kleinvoß, Hans-Joachim, and Müller. 2,738,456.
- Müller, George H.: See—
- Matthias, Hans A., and Müller. 2,757,017.
- Müller, George H., to Ford Motor Co. Hydraulic power steering with valved piston. 2,735,502, 2-21-56, Cl. 180-79.2.
- Müller, George H., to Ford Motor Co. Auxiliary suspension bumper. 2,735,673, 2-21-56, Cl. 267-63.
- Müller, George H., to Keyholder and flashlight. 2,737,574, 3-6-56, Cl. 240-84.
- Müller, George H., to Ford Motor Co. Power steering cylinder construction. 2,755,779, 7-24-56, Cl. 121-41.
- Müller, George H., to Ford Motor Co. Independent wheel suspension for motor vehicle. 2,755,875, 7-24-56, Cl. 180-79.2.
- Müller, George H., to Ford Motor Co. Power steering booster of the hydraulic type. 2,755,876, 7-24-56, Cl. 180-79.2.
- Müller, George H., to Ford Motor Co. Independent front wheel suspension for motor vehicle. 2,760,787, 8-28-56, Cl. 280-124.
- Müller, George H., to Ford Motor Co. Torsion bar front suspension. 2,768,001, 10-23-56, Cl. 280-124.
- Müller, Georges: See—
- Vellus, Leon, and Müller. 2,773,886.
- Müller, Hans, to A. Asolol Corp. T. R. Apparatus for the atomization of liquids. 2,764,451, 9-25-56, Cl. 299-63.
- Müller, Helmut: See—
- Gerber, Adolf, Leschhorn, Müller, and Rambaueck. 2,761,880.
- Kugel, Fritz, and Müller. 2,760,341.
- Müller, Helmut, to J. M. Voith G. m. b. H. Fluid control system for torus chamber type hydraulic couplings. 2,768,501, 10-30-56, Cl. 60-54.
- Müller, Helmut, to J. M. Voith G. m. b. H. Hydraulic coupling and fluid working medium thereof consisting of liquid and solid particles. 2,768,722, 10-30-56, Cl. 192-3.2.
- Müller, Herman E., to York Engineering & Construction Co. Inspection apparatus. 2,754,964, 7-17-56, Cl. 209-123.
- Müller, Jacques. Filter for gaseous fluids. 2,752,001, 3-26-56, Cl. 203-56.
- Müller, Jacques. Filter cartridge for gaseous and liquid fluids. 2,754,973, 7-17-56, Cl. 210-169.
- Müller, Jacques. Fluid filter of the columnar type. 2,767,851, 10-25-56, Cl. 210-152.
- Müller, Josef: See—
- Junghans, Helmut, von Zeppelin, and Müller. 2,758,489.
- Lenze, Eberhard, and Müller. 2,734,995.
- Nallinger, Friedrich K. H., and Müller. 2,746,556.
- Müller, Josef, to Daimler-Benz Aktiengesellschaft. Vehicle suspension. 2,733,934, 2-7-56, Cl. 280-124.
- Müller, Josef, to Deutsche Gold- und Silber-Scheideanstalt vormals Roessler. Hydrogen peroxide production. 2,745,719, 5-15-56, Cl. 23-207.
- Müller, Josef, to Daimler-Benz Aktiengesellschaft. Motor vehicle frame with central longitudinal member and frame fork. 2,756,835, 7-31-56, Cl. 180-64.
- Müller, Josef, to H. Klepper. Construction element for use as a pillar, strut, or other stiffening member. 2,765,014, 10-2-56, Cl. 150-0.5.
- Müller, Josef. Electrical device for testing the weldability of metallic materials. 2,769,893, 11-6-56, Cl. 219-109.
- Müller, Joseph. Gravity-fed mirror-silvering hand guns. 2,759,013, 3-20-56, Cl. 299-86.
- Müller, Karl E.: See—
- Nischke, Günther, Müller, and Bayer. 2,740,764.
- Müller, Karl E., F. W. Schmidt, E. Weinbrenner, and H.-F. Piepenbrink, deceased (by U. B. Piepenbrink, administrator), to Farbenfabriken Bayer Aktiengesellschaft. Isocyanate-modified polyesters reacted with glycols. 2,729,618, 1-3-56, Cl. 260-75.
- Müller, Karl H.: See—
- Lewis, Benjamin F., and Müller. 2,737,598.
- Müller, Konrad, to Siemens & Halske Aktiengesellschaft. Bank multiple contact structure for telephone switching mechanisms. 2,753,402, 7-9-56, Cl. 179-27.5.
- Müller, Lloyd E.: See—
- Baker, Albert D., Müller, and Harris. 2,731,104.
- Müller, Lloyd E., to General Motors Corp. Refrigerated air distributing apparatus. 2,747,495, 5-29-56, Cl. 98-2.
- Müller, Max A., to Rand-Goezette Corp. Resilient device. 2,765,163, 10-2-56, Cl. 267-1.
- Müller, Max A., to Goetzwerke Friedrich Goetze Aktiengesellschaft. Piston rings. 2,766,085, 10-9-56, Cl. 309-44.
- Müller, Oskar A. Sectional row boat. 2,741,782, 4-17-56, Cl. 9-2.
- Müller, Paul: See—
- Gatzl, Karl, and Müller. 2,730,529.
- Gatzl, Karl, and Müller. 2,736,726.
- Müller, Paul. Razor blade holder. 2,748,980, 6-5-56, Cl. 221-232.
- Müller, Paul A. Smoke filter of fibrous material, especially for tobacco products. 2,763,267, 9-18-56, Cl. 131-208.
- Müller, Robert A., to Atlas Plywood Corp. Plywood press loaders. 2,755,832, 7-24-56, Cl. 144-231.
- Müller, Rudolf. Offset printing process and mechanism therefor. 2,736,364, 2-21-56, Cl. 101-142.
- Müller, Siegfried A.: See—
- Jerry R. D., and Müller. 2,731,388.
- McCormick, Jerry R. D., and Müller. 2,731,389.
- McCormick, Jerry R. D., and Müller. 2,739,100.
- McCormick, Jerry R. D., and Müller. 2,745,787.
- Müller, Walter, to Grob & Co. Aktiengesellschaft. Sheet metal holder. 2,737,982, 3-13-56, Cl. 139-82.
- Müller, Werner: See—
- Schmidt, Karl, Müller, Plütter, Suckfüll, and Dittmar. 2,753,344.
- Müller, Wilhelm, to E. Merck. Apparatus for the electrolysis of aqueous alkali sulphate solutions. 2,744,804, 5-8-56, Cl. 204-220.
- Müller, Wilhelm, to Farbenfabriken Bayer Aktiengesellschaft. Electrolysis of chloride solutions and cell therefor. 2,756,201, 7-24-56, Cl. 204-95.
- Müller, Wilhelm. Magnetic sound recording and reproducing head. 2,761,016, 8-28-56, Cl. 179-100.2.
- Müller, Wolf F., to Servomechanisms, Inc. Transducer. 2,737,624, 3-6-56, Cl. 323-61.
- Müller-Strobel, Josef, to The West Co., Inc. Closure remover with vacuum actuated side grippers. 2,732,741, 1-31-56, Cl. 81-34.1.
- Mullett, Howard G., to Bradley Washfountain Co. Wash-fountain spray head. 2,766,074, 10-9-56, Cl. 299-141.
- Mun, Robert E. Combined trailer hitch and hydraulic brake operating mechanism. 2,739,309, 1-3-56, Cl. 188-112.
- Munlin, Gird E., to Borg-Warner Corp. Pipe slip mechanism. 2,736,941, 3-6-56, Cl. 24-263.
- Müller, Friedrich, to Brown, Boveri & Cie, Aktiengesellschaft. Seal for rotary joints of gas-cooled machines. 2,743,949, 5-1-56, Cl. 286-22.
- Mulqueeny, Thomas J.: See—
- Seavey, Frederick R., and Mulqueeny. 2,756,645.
- Mulqueeny, Thomas J., to Olin Mathieson Chemical Corp. Liquid mixture. 2,740,703, 4-3-56, Cl. 52-2.
- Mulski, Francis P.: See—
- Colleran, Paul J., English, and Mulski. 2,756,374.
- Multi-Amp Corp.: See—
- Cohen, Melvin S. 2,735,979.
- Multiple Die Vise Co., Inc.: See—
- Peterson, Charles R. 2,754,708.
- Multiscope, Inc.: See—
- Tilton, Russell G. 2,766,868.
- Multilwall Research Institute, Inc.: See—
- Wright, G. C., and Kenison. 2,740,334.
- Mulvaney, John F., and J. G. Murphy. Tricarboxylic acid esters. 2,737,525, 3-6-56, Cl. 260-481.
- Mulvaney, Harry A.: See—
- Preservation of eggs. 2,733,150, 11-31-56, Cl. 99-0.
- Mulvaney, Harry A.: See—
- Electrical cracking of hard shelled nuts. 2,755,834, 7-24-56, Cl. 146-8.
- Muma, Robert E., to The National Cash Register Co. Sheet having a transferable coating containing magnetizable material. 2,744,031, 5-1-56, Cl. 117-36.
- Mumford, Albert E., and G. Tabber, to General Electric Co. Clutches. 2,742,127, 4-17-56, Cl. 192-67.
- Mumford, Sam: See—
- Woolfe, Aaron E. 2,765,572.
- Mumford, William W., to Bell Telephone Laboratories, Inc. Electromagnetic wave equalization. 2,767,379, 10-16-56, Cl. 333-28.
- Mumford, William W., to Bell Telephone Laboratories, Inc. Non-reciprocal wave transmission networks. 2,769,960, 11-31-56, Cl. 332-52.
- Münch, Werner: See—
- Notarbartolo, Luigi, and Münch. 2,771,903.
- Münch, Werner, to Perfort Società per Azioni. Apparatus for stretching filaments. 2,771,635, 11-27-56, Cl. 18-8.
- Münch, Werner, L. Notarbartolo, and L. Spane, to Perfort Società per Azioni. Process for the production of 11-bromo-decanoic acid. 2,772,302, 11-27-56, Cl. 260-408.
- Muncheryan, Brand M. Reminder to disconnect vehicle lights. 2,742,630, 4-17-56, Cl. 340-52.
- Muncheryan, Brand M.: See—
- Temperature indicating device. 2,755,665, 7-24-56, Cl. 73-343.
- Muncheryan, Brand M.: See—
- Temperature-indicating device. 2,755,666, 7-24-56, Cl. 73-367.
- Munday, Charles W., to The Distillers Co. Ltd. Multicomponent radiation gas analysers. 2,741,703, 4-10-56, Cl. 250-43.5.
- Munday, Charles W., K. R. Peakin, and M. J. Griffiths, to The Distillers Co. Ltd. Magnetic oxygen meters. 2,744,234, 5-1-56, Cl. 324-36.
- Munday, Horace D. Medicine dropper construction. 2,756,749, 7-31-56, Cl. 128-233.
- Mundean Mfg. Co.: See—
- Salisbury, Ellsworth C. 2,730,867.
- Salisbury, Ellsworth C. 2,763,136.
- Munderich, Paul G. Arrangement on motor spraying vehicles for the output of binding agent. 2,765,196, 10-2-56, Cl. 299-34.



- Mundet Cork Corp.: *See*—  
Magrum, Gervase M. 2,766,973.
- Mundt, Louis C.: *See*—  
Layne, Leslie A., and Mundt. 2,743,087.
- Mundt, Peter, and A. Geiger, to J. J. Schwarz. Spool for films and similar articles. 2,766,948, 10-16-56, Cl. 24-74.
- Mundy, Giles J.: *See*—  
Borden, Joseph H., and Mundy. 2,750,005.
- Munro, Graham A.: *See*—  
Bell, John, Cannon, and Mundy. 2,729,818.
- Mundy, Roy J.: *See*—  
Dempster, Augustine N., and Mundy. 2,760,938.
- Munekata, Bijl, to Asahi Kasei Kogyo Kabushiki Kaisha. Process of manufacturing a copper compound containing copper hydrosulfide. 2,758,013, 8-7-56, Cl. 23-147.
- Mungall, Thomas, Sr., 50% to W. Mungall. Jig for selective hardening of steel rings. 2,765,161, 10-2-56, Cl. 266-6.
- Mungall, William: *See*—  
Mungall, Thomas, Sr. 2,765,161.
- Mungen, Richard: *See*—  
Hujask, Karol L., and Mungen. 2,756,248.  
Hujask, Karol L., and Mungen. 2,770,635.
- Munger, Mary C.: *See*—  
Beach, Clarence E., and Munger. 2,759,670.
- Munger, Thomas W.: *See*—  
Young, Fred D., and Munger. 2,763,414.
- Munger, William P.: *See*—  
Beach, Clarence E., and Munger. 2,759,670.  
Stratton, Robert R., and Munger. 2,746,679.
- Munger, William P., to Reaction Motors, Inc. Automatic pump. 2,754,656, 7-17-56, Cl. 60-39.09.
- Munhausen, Theodore W., to L. A. Layne. Screen and liner setting, setting tool and wash pipe. 2,735,493, 2-21-56, Cl. 166-144.
- Munice Gear Works, Inc.: *See*—  
Smith, Marvin M., and Fields. 2,746,574.
- Muñiz, Francisco L. Mechanical bagasse loosener and pneumatic picker. 2,769,671, 11-6-56, Cl. 302-38.
- Munn, Adolph T. Label holder. 2,752,025, 6-26-56, Cl. 197-136.
- Munn, Aubrey C. Pilot burner. 2,761,497, 9-4-56, Cl. 138-115.
- Munn, George E. to E. I. du Pont de Nemours and Co. Preparation of *n,n'*-diacylhexamethylenediamines and an intermediate. 2,745,842, 5-15-56, Cl. 260-332.2.
- Muñoz, Miguel A. S. Device for effecting the hermetic closure of containers for preservatives and analogous purposes. 2,767,501, 8-7-56, Cl. 53-341.
- Munrett, Olga H. Bandage for horse's legs. 2,756,746, 7-31-56, Cl. 128-156.
- Munro, Henrietta C. Garden soaker hose. 2,759,769, 8-21-56, Cl. 299-104.
- Munro, David J., to Webster Electric Co. Magazine for an elongated record medium. 2,742,284, 4-17-56, Cl. 271-215.
- Munroe, David J., to Webster Electric Co. Vibration absorber. 2,766,840, 10-16-56, Cl. 181-50.
- Munroe, David J., to Webster Electric Co. Transducer. 2,771,512, 11-20-56, Cl. 379-100.41.
- Munroe, Henry F., to Proportioners, Inc. Apparatus and method for providing a fluoride solution. 2,749,222, 6-5-56, Cl. 23-272.
- Munroe, Lester W. Toggle-controlled, slidable outer jaw wrench. 2,772,591, 12-4-56, Cl. 81-88.
- Munsch, Walter P. Fish lure. 2,737,751, 3-13-56, Cl. 43-42.47.
- Munschauer, Frederick E., to Niagara Machine & Tool Works. Double drive power punch press. 2,771,790, 11-27-56, Cl. 74-665.
- Munson, Evers D., to Brown & Bigelow. Display device. 2,767,497, 10-23-56, Cl. 40-120.
- Munson, Whitney K. Stamp pads. 2,765,767, 10-9-56, Cl. 118-264.
- Munster, Allen C., to Philco Corp. Method of and means for measuring distance. 2,736,891, 2-28-56, Cl. 343-12.
- Munters, Carl G. Dehydrating system for the walls of cold-storage rooms. 2,758,390, 8-14-56, Cl. 34-80.
- Muntwyler, Fredric C. Display stand. 2,730,323, 1-10-56, Cl. 248-197.
- Muntz, Alan, & Co. Ltd.: *See*—  
Beale, Evelyn S. L. 2,768,781.  
Beale, Evelyn S. L. 2,770,943.  
Kholucy, Ralph. 2,754,654.  
Lovatt, Bernard C. 2,739,021.
- Muntz, George, Jr. Electronic timer. 2,737,602, 3-6-56, Cl. 374-106.
- Munz, Emil. Process of transporting cans through a continuous sterilizer. 2,760,873, 8-28-56, Cl. 99-214.
- Munz, Otto J. Photo-glyph recording. 2,775,758, 12-25-56, Cl. 343-17.
- Munzig, Arthur L.,  $\frac{1}{10}$  to A. L. Munzig, Jr.,  $\frac{1}{10}$  to M. I. Davis,  $\frac{1}{10}$  to B. A. Simas, and  $\frac{1}{10}$  to C. W. Munzig. Dipole impedance matching device. 2,769,169, 10-30-56, Cl. 343-822.
- Munzig, Arthur L., Jr.: *See*—  
Munzig, Arthur L. 2,769,169.
- Munzig, Carl W.: *See*—  
Munzig, Arthur L. 2,769,169.
- Murai, Hirotada. Oral inhaler. 2,764,154, 9-25-56, Cl. 128-201.
- Murakami, Masao, and T. Inamoto, to Chemical Construction Corp. Granulator. 2,746,803, 5-22-56, Cl. 299-144.
- Murakami, Tomomi, and R. W. Sonnenfeldt, to Radio Corp. of America. High frequency amplifier with anode to grid input and anode to cathode output. 2,770,720, 11-13-56, Cl. 250-20.
- Murata, Ichiro. Deep well surveying instrument. 2,733,519, 2-7-56, Cl. 33-205.5.
- Murayama, Fumiko: *See*—  
Pentler, Charles F., and Murayama. 2,736,643.
- Murch, Loren E. Degree marking addition to a carpenter's combination square. 2,728,990, 1-3-56, Cl. 33-93.
- Murchison, Bessie F.: *See*—  
Murchison, Blackwell K. 2,744,973.  
Murchison, Blackwell K. 2,749,132.  
Murchison, Blackwell K. 2,765,630.
- Murchison, Blackwell K., deceased; B. F. Murchison, executrix. Control unit for type setting machine. 2,744,973, 5-8-56, Cl. 200-46.
- Murchison, Blackwell K., deceased; B. F. Murchison, executrix. Type setting machines. 2,749,132, 6-5-56, Cl. 276-10.
- Murchison, Blackwell K., deceased; B. F. Murchison, executrix of said B. K. Murchison. Manually held knife sharpening device. 2,765,680, 10-9-56, Cl. 76-86.
- Murdoch, Albert L. Automatic ice making apparatus. 2,739,863, 1-17-56, Cl. 62-2.
- Murdoch, Forrest L., Sr.: *See*—  
Williams, Elmer R. 2,753,046.
- Murdoch, Thomas B.: *See*—  
Ball, Richard H., Murdoch, and Ogle. 2,734,585.
- Murfin, William M. Annular power saw. 2,753,899, 7-10-56, Cl. 143-85.
- Murgia, John B. Collapsible adjustable combined bookrest. 2,774,177, 12-18-56, Cl. 45-60.
- Muris, Franz: *See*—  
Fischer, Ernst, and Muris. 2,729,632.
- Murphy, Robert S., to A. H. Robins Co., Inc. *o*-methoxyphenoxy-2-hydroxy-propyl carbamates. 2,770,649, 11-13-56, Cl. 260-482.
- Murphy, Arthur C.: *See*—  
Murphy, Frank W., and A. C. 2,741,987.
- Murphy Chemical Co. Ltd., The: *See*—  
Pianka, Max. 2,765,252.
- Murphy, Demery A., to The National Supply Co. Wash pipe mounting for swivels. 2,764,428, 9-25-56, Cl. 285-165.
- Murphy Door Bed Co., Inc., The: *See*—  
Murphy, William L., and Mercier. 2,738,520.
- Murphy, Edward P. Closure for collapsible tubes. 2,751,130, 6-19-56, Cl. 222-509.
- Murphy, Francis J.: *See*—  
Happel, Herman E., Arvin, and Murphy. 2,739,649.
- Murphy, Frank L., R. W. Haman, and S. W. Kay, to Pullman-Standard Car Mfg. Co. Railway vehicle. 2,732,814, 1-31-56, Cl. 105-324.
- Murphy, Frank V. Belt support or hernia stay. 2,743,721, 5-1-56, Cl. 128-104.
- Murphy, Frank W., and A. C. Safety means for electrically operated pumps. 2,741,987, 4-17-56, Cl. 103-25.
- Murphy, Frank W., and R. Safety switch and indicating means. 2,766,314, 10-9-56, Cl. 123-146.5.
- Murphy, George W. Refuse truck packer loader. 2,748,964, 6-5-56, Cl. 214-503.
- Murphy, Goodrich, to The Budd Co. Compartment arrangements for vehicles, especially for railway sleeping cars. 2,760,442, 8-28-56, Cl. 105-315.
- Murphy, Howard: *See*—  
Mergen, Joseph M., and Murphy. 2,738,045.
- Murphy, Howard J., to United-Carr Fastener Corp. Stud and socket assembly having resilient detent locking means. 2,742,072, 4-1-56, Cl. 151-9.
- Murphy, Howard J., to United-Carr Fastener Corp. Fastening device. 2,745,620, 5-15-56, Cl. 248-239.
- Murphy, Howard J., to United-Carr Fastener Corp. Panel fastener comprising a bolt, socket therefor and co-operating detent locking means between said bolt and socket. 2,756,796, 7-31-56, Cl. 151-41.5.
- Murphy, Hubert W.: *See*—  
Market, Harold L., and Murphy. 2,750,325.
- Murphy, Hubert W., and V. C. Stephens, to Eli Lilly and Co. Substituted piperidinopropane salt of penicillin. 2,742,460, 4-17-56, Cl. 260-239.
- Murphy, James G.: *See*—  
Mulaney, John F., and Murphy. 2,737,525.
- Murphy, James J., to Custom Made Container Corp. Shipping container with cushioning liner. 2,746,667, 5-22-56, Cl. 229-44.
- Murphy, John B. Fluid brake for automotive vehicle. 2,730,201, 1-10-56, Cl. 188-90.
- Murphy, John H., and W. R. Anderson. Fishing lure. 2,758,408, 8-14-56, Cl. 43-42.09.
- Murphy, John M.: *See*—  
Hagan, Leonard J., Murphy, and Sharpe. 2,735,274.
- Murphy, Joseph E. Rotary cultivator. 2,732,783, 1-31-56, Cl. 97-43.
- Murphy, Laurence W., to Geo. A. Hormel & Co. Apparatus for facilitating slaughtering of domestic animals. 2,733,477, 2-7-56, Cl. 17-1.
- Murphy, Leslie E.: *See*—  
Johnson, Carl A., Murphy, and Selman. 2,737,129.
- Murphy, Mary L.: *See*—  
Murphy, Thomas J. 2,734,139.
- Murphy & Miller, Inc.: *See*—  
Brandt, Paul H. 2,754,665.

- Murphy, Moyes J. Electrical controller for miniature trains. 2,743,377, 4-24-56, Cl. 307-96.
- Murphy, Orlando J. *See—*  
Brooks, Chester E., Lovell, McGuigan, Murphy, and Parkinson. 2,764,634.
- Murphy, Robert P., Jr. *See—*  
Scott, Platho P., Jr., and Murphy. 2,734,861.
- Murphy, Rosalie. *See—*  
Murphy, Frank W., and R. Murphy. 2,766,314.
- Murphy, Thomas J., deceased; M. L. Murphy, executrix. Electrically operated eraser and similar devices. 2,734,139, 2-7-56, Cl. 310-29.
- Murphy, Wayne E. Penetrating and expanding fastener. 2,744,431, 5-8-56, Cl. 85-40.
- Murphy, William J., and G. J. Mercier, to The Murphy Door Bed Co., Inc. Combined sofa and bed. 2,738,520, 3-20-56, Cl. 5-47.
- Murrah, Paul C. Fuel pressure release and valve therefor. 2,763,253, 9-13-56, Cl. 129-139.
- Murrant, Kenneth B., to S. Slicing Machine Co., Inc. Slicing machine attachment for oblique slicing. 2,746,501, 5-22-56, Cl. 146-102.
- Murray, Alan B. Process of manufacturing shoes and products thereof. 2,753,556, 2-28-56, Cl. 36-85.
- Murray, Alan E. Shoe sole. 2,733,523, 2-7-56, Cl. 36-85.
- Murray, Alan E. Footwear. 2,742,717, 4-24-56, Cl. 36-85.
- Murray, Albert R. Gyroscopic figure toy. 2,736,132, 2-28-56, Cl. 46-50.
- Murray, Alexander, to Eastman Kodak Co. Photographic reproduction process. 2,758,143, 7-24-56, Cl. 95-54.
- Murray, Arthur J. Foldable carton for canned goods. 2,765,073, 10-2-56, Cl. 206-65.
- Murray, Aubrey S., to North American Rayon Corp. Take-up spool. 2,744,604, 5-8-56, Cl. 242-124.
- Murray, Basil G. *See—*  
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- Murray Co. of Texas, Inc. *See—*  
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- Murray Corp. of America, The. *See—*  
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- Douglas, Peyton W. 2,734,707.
- Douglas, Peyton W. 2,768,518.
- Engel, J. Anthony. 2,736,970.
- Engel, J. Anthony. 2,737,729.
- Engel, J. Anthony. 2,753,952.
- Etherington, John F. 2,775,500.
- Flannery, John P., and Landwiler. 2,758,718.
- Gould, Byron C. 2,737,530.
- Hoyle, Walter W. 2,742,015.
- Hullar, Herbert E. 2,752,004.
- Landwiler, William G. 2,758,479.
- Landwiler, William G. 2,768,533.
- May, Claude H. 2,750,934.
- May, Claude H. 2,754,691.
- May, Claude H., Ballmer, and Trainer. 2,772,756.
- Multhead, James. 2,739,000.
- Rockwood, Albert M., Ballmer, and May. 2,731,849.
- Shapter, Robert D. 2,769,246.
- Simonaitis, Bennie J. 2,734,369.
- Stelljes, Charles R. 2,738,863.
- Stelljes, Charles R. 2,775,329.
- Murray, Donald B., to Burton Mfg. Co. Means for drying microscope slides, pipettes, and similar types of laboratory instruments. 2,748,495, 6-5-56, Cl. 34-107.
- Murray, Donald C., to General Electric Co. Fluid pressure regulating device. 2,739,607, 3-27-56, Cl. 137-532.
- Murray, Ernest E. Oil filter. 2,758,722, 8-14-56, Cl. 210-199.
- Murray, George H., to D. Napier & Son Ltd. Electric generating unit. 2,736,819, 2-28-56, Cl. 290-1.
- Murray, Guy B., to Western Electric Co., Inc. Methods of cleaning articles. 2,732,322, 1-24-56, Cl. 134-9.
- Murray, Guy E. *See—*  
Bachman, Robert J., Lewis, Mueller, and Murray. 2,734,858.
- Murray, Guy L., deceased; L. and B. G. Murray, executors. Printing or decoration of ceramic or other ware. 2,748,696, 6-5-56, Cl. 101-41.
- Murray, Herbert C., and D. H. Peterson, to The Upjohn Co. Steroids. 2,735,500, 2-31-56, Cl. 195-51.
- Murray, Herbert C., and D. H. Peterson, to The Upjohn Co. 10-normethyl-4-androstene-3,11,17-trione and process. 2,757,186, 7-31-56, Cl. 260-397.3.
- Murray, Herbert C., and D. H. Peterson, to The Upjohn Co. Preparation of 17-keto steroid by penicillium. 2,762,747, 9-11-56, Cl. 195-51.
- Murray, Herbert C., and D. H. Peterson, to The Upjohn Co. Process for the production of 6-keto-17a-methyltestosterone. 2,771,474, 11-20-56, Cl. 260-397.4.
- Murray, James J. Push button combination lock. 2,732,704, 1-31-56, Cl. 70-313.
- Murray, James J. Flux-gate variation transducer for hydrophones, microphones, and accelerometers. 2,746,027, 5-15-56, Cl. 340-11.
- Murray, James S., to General Dynamics Corp. Testing means for telecommunication system. 2,732,442, 1-24-56, Cl. 179-175.21.
- Murray, James S., to Automatic Electric Laboratories, Inc. Automatic trunk router. 2,750,458, 6-12-56, Cl. 179-175.2.
- Murray, John B. *See—*  
Dolan, Thomas E., and Murray. 2,736,515.
- Murray, John C. Portable folding garage. 2,755,811, 7-24-56, Cl. 135-4.
- Murray, John F., to Thompson Products, Inc. Multiple unit pump having frangible shear sections. 2,767,658, 10-23-56, Cl. 103-20.
- Murray, Joseph J., and G. W. Leubner, to Eastman Kodak Co. Light-sensitive photochemical resist compositions. 2,739,892, 3-27-56, Cl. 95-7.
- Murray, Lawrence J., A. Davison, R. Threadgold, and R. D. Allum, to Automatic Telephone & Electric Co. Ltd. Telecommunication systems. 2,761,012, 8-28-56, Cl. 179-23.
- Murray, Lester. Sickle sharpener. 2,748,539, 6-5-56, Cl. 51-92.
- Murray, Lillian. *See—*  
Murray, Guy L. 2,748,696.
- Murray Mfg. Corp. *See—*  
Rypinski, Albert B. 2,759,063.
- Murray, Maurice J., and D. L. Holden, to Universal Oil Products Co. Method of dispersing inorganic oxide sols. 2,756,713, 2-28-56, Cl. 252-448.
- Murray Ohio Mfg. Co., The. *See—*  
Douglas, Alvin P. 2,732,728.
- Douglas, Alvin P. 2,755,103.
- Douglas, Alvin P. 2,773,397.
- Douglas, Alvin P. 2,775,401.
- Douglas, Alvin P., and Hahn. 2,755,015.
- Douglas, Alvin P., and Hahn. 2,755,095.
- Douglas, Alvin P., and Long. 2,754,696.
- Federick, Arthur J. 2,754,698.
- Murray, Oscar H., to said O. H. W. H., and R. E. Murray. Boat trailer. 2,748,962, 6-5-56, Cl. 214-373.
- Murray, Raymond E. *See—*  
Murray, Oscar H. 2,748,962.
- Murray, Robert W. Flame boring apparatus. 2,742,555, 5-15-56, Cl. 129-14.
- Murray, Thomas M. *See—*  
Allen, Austin O., Murray, and Liberti. 2,754,217.
- Murray, William H. *See—*  
Murray, Oscar H. 2,748,962.
- Murrell, John T., and G. Turral, to R. W. Crabtree & Sons Ltd. Stapling mechanism. 2,754,958, 7-17-56, Cl. 203-65.
- Murren, John E. Shelving. 2,748,954, 6-5-56, Cl. 211-148.
- Murren, John E. Live stock feeding apparatus. 2,748,987, 6-5-56, Cl. 222-189.
- Murry, James W. Coal classification. 2,733,810, 2-7-56, Cl. 209-172.5.
- Murry, James W. Heavy solid mixture classification. 2,733,811, 2-7-56, Cl. 209-172.5.
- Murtagh, James J. *See—*  
Kinker, Clarence C., and Murtagh. 2,739,426.
- Murtaugh, Joseph P., to American Brake Shoe Co. Retainer pins for dipper teeth. 2,772,492, 12-4-56, Cl. 37-142.
- Murty, Anthony F., and B. P., to Diamond T Motor Car Co. Automotive vehicle with forwardly swinging engine enclosure. 2,740,487, 4-25-56, Cl. 180-89.
- Murty, Benedict P. *See—*  
Murty, Anthony F., and B. P. 2,740,487.
- Musacchia, Frank J. Universal follow up compressor. 2,746,457, 5-22-56, Cl. 129-30.
- Musal, Henry M., Jr. *See—*  
Lease, Charles A., and Musal. 2,755,433.
- Musch, John H. *See—*  
Johnson, Paul H., Musch, and Metzger. 2,731,434.
- Johnson, Paul H., Musch, and Metzger. 2,731,435.
- Muschamp, Robert A., to General Electric Co. Compensated amplifying system. 2,764,641, 9-25-56, Cl. 179-171.
- Muschenborn, Walter. *See—*  
Reerink, Wilhelm, Muschenborn, and Nitzold. 2,744,626.
- Reerink, Wilhelm, Muschenborn, and Nitzold. 2,769,537.
- Reerink, Wilhelm, Muschenborn, and Nitzold. 2,769,538.
- Muschong, Peter W., to Moloney Electric Co. Protective fuse structures for transformers. 2,773,152, 12-4-56, Cl. 200-133.
- Muse, John F. *See—*  
Althouse, William S., Jr., and Muse. 2,768,695.
- Baker, John R., and Muse. 2,748,873.
- Muse, John F., to Baker Oil Tools, Inc. Apparatus for automatically filling a well bore conduit. 2,735,498, 2-21-56, Cl. 166-225.
- Muse, John F., to Baker Oil Tools, Inc. Apparatus for automatically filling conduit strings. 2,751,021, 6-19-56, Cl. 166-225.
- Muse, Robert B., to American Smelting and Refining Co. Multiple stream cut-off saw. 2,757,441, 8-7-56, Cl. 29-69.
- Musgrave, Merrill N., A. L. Westberg, V. B. Fansher, and E. L. Blomberg. Pneumatic separator. 2,743,817, 5-1-56, Cl. 109-474.
- Musich, Nicolas. Venetian blind. 2,760,566, 8-28-56, Cl. 160-168.
- Musica, Stephen. Fudge former. 2,772,644, 12-4-56, Cl. 107-19.
- Musick, William R. *See—*  
Dale, Charles F. 2,746,200.
- Musielak, William H. Adjustable curtain tie-back pin holder. 2,751,002, 6-19-56, Cl. 160-349.
- Muskegon Piston Ring Co. *See—*  
Hamm, Douglas W. 2,743,973.
- Hamm, Douglas W. 2,769,675.
- Hamm, Douglas W. 2,770,512.
- Musly, Hans, to Schloemann Aktiengesellschaft, Bloom and slab shears. 2,757,731, 8-7-56, Cl. 164-47.
- Muspratt, Paul M. Molding apparatus. 2,772,467, 12-4-56, Cl. 25-41.



- Musselman, Peter M., to Esso Research and Engineering Co. Fluidizing acid sludges, by adding naphthenic acids and spent caustic. 2,762,759, 9-11-56, Cl. 196—148.
- Musschot, Albert, to Link-Belt Co. Oscillating feeders. 2,771,179, 11-20-56, Cl. 198—220.
- Mussell, Dorsey R., to The Dow Chemical Co. Method and composition for the improvement of soil structure. 2,745,815, 5-15-56, Cl. 260—37.
- Mussell, Dorsey R., to The Dow Chemical Co. Method and composition for the control of the growth of vegetation. 2,747,982, 5-29-56, Cl. 71—2.3.
- Mussell, Dorsey R., to The Dow Chemical Co. Method and composition for the control of the growth of vegetation. 2,747,983, 5-29-56, Cl. 71—2.3.
- Mussells, Domniqua. Infant bathing device. 2,760,208, 8-29-56, Cl. 4—185.
- Musselman, Glenn H., to the United States of America as represented by the Secretary of the Navy. Signal pulse amplifier equalizer. 2,754,511, 7-10-56, Cl. 343—103.
- Musselman, Henry B. Trainman's signal light. 2,761,960, 9-4-56, Cl. 240—10.63.
- Musselman, John M., to The Standard Oil Co. Process of stabilizing phosphorus sulfide-oxygen-containing organic compound reaction products against liberation of hydrogen sulfide. 2,773,860, 12-11-56, Cl. 260—125.
- Musselman, John M., to The Standard Oil Co. Process of stabilizing phosphorus sulfide-oxygen containing organic compound reaction products against hydrogen sulfide evolution. 2,773,861, 12-11-56, Cl. 260—125.
- Musselman, John M., to The Standard Oil Co. Process of stabilizing phosphorus sulfide-oxygen-containing organic compound reaction products. 2,773,862, 12-11-56, Cl. 260—125.
- Musser, C. Walton: *See—*
- Benditt, Albert, and Musser. 2,759,398.
- Musser, C. Walton. Method of and apparatus for perforating hollow objects. 2,732,897, 1-31-56, Cl. 164—90.
- Musser, C. Walton. Gun firing mechanism with eccentric safety. 2,741,161, 4-10-56, Cl. 89—28.
- Musser, C. Walton and F. W. Dietrich, to the United States of America as represented by the Secretary of the Army. Bipod and face shield for a rifle. 2,775,052, 12-25-56, Cl. 42—94.
- Musser, Charles W.: *See—*
- Bogue, Edward A., and Musser. 2,735,968.
- Bogue, Edward A., and Musser. 2,740,111.
- Bogue, Edward A., and Musser. 2,775,742.
- Musser, Clarence W., to the United States of America as represented by the Secretary of War. Breech mechanism for heavy caliber recoilless gun. 2,733,639, 2-7-56, Cl. 89—1.7.
- Musser, Clarence W., to the United States of America as represented by the Secretary of War. Heavy caliber recoilless gun. 2,741,160, 4-10-56, Cl. 89—1.7.
- Mussio, Victor P. Undersea detector. 2,765,565, 10-9-56, Cl. 43—9.
- Mussnig, Adolph P. Gauging device. 2,763,933, 9-25-56, Cl. 129—56.
- Musso, Charles S.: *See—*
- Vella, Salvatore S., and P. J. F. E., and C. S. Musso. 2,750,977.
- Musso, Frank E.: *See—*
- Vella, Salvatore S., and P. J. F. E., and C. S. Musso. 2,750,977.
- Musso, Patsy J.: *See—*
- Vella, Salvatore S., and P. J. F. E., and C. S. Musso. 2,750,977.
- Mustee, Bernard E. Housing for laundry tub units. 2,729,530, 1-3-56, Cl. 312—228.
- Mustonen, Reino H.: *See—*
- Muehling, Anthony A., Gruenberg, and Mustonen. 2,761,585.
- Mutaffis, Thomas D.: *See—*
- Erouillard, Robert E., and Mutaffis. 2,774,677.
- Mutchnick, Henry. Bed rail fastener. 2,728,924, 1-3-56, Cl. 5—296.
- Muth, Esther A., and B. J. Mills. Combined bag and flat cloth article. 2,731,997, 1-24-56, Cl. 150—11.
- Muto, Peter A., and W. V. Rauscher, to Ampere Electronic Co. Containers for sensitized film and method of manufacture thereof. 2,762,929, 9-11-56, Cl. 250—83.
- Mutty, Joseph C. Locking device for outboard motors. 2,733,589, 2-7-56, Cl. 70—58.
- Muyderman, Coert D., to Nederlandse Organisatie voor Toesicht-staatswetenschappelijk Onderzoek ten behoeve van Nijverheid, Handel en Verkeer. Drying arrangement such as a tunnel kiln with transverse circulation. 2,736,108, 2-28-56, Cl. 34—212.
- Muzzi, Carmelo L. Liquid level measuring device. 2,741,123, 4-10-56, Cl. 73—299.
- Mydels, John W.: *See—*
- Tanke, Willard H., and Mydels. 2,740,346.
- Myer, Bert W., Jr.: *See—*
- Robb, Wayne F., and Myer. 2,764,453.
- Myer, Ira. Automatic row cultivator. 2,753,781, 7-10-56, Cl. 97—21.
- Myer, W. A.: *See—*
- Ellstrom, Elmer G. 2,758,776.
- Myers, Bruce V. Space heater. 2,734,500, 2-14-56, Cl. 126—110.
- Myers, Carl E. Weed-cutting attachment for lawn mowers. 2,730,857, 1-17-56, Cl. 56—249.
- Myers, Carmel. Lighting control system. 2,757,274, 7-31-56, Cl. 240—1.3.
- Myers, Clarence W., to General Motors Corp. Vibration dampener. 2,764,004, 9-25-56, Cl. 64—27.
- Myers, Claude K. Mixing mill. 2,734,728, 2-14-56, Cl. 259—107.
- Myers, Claude R.: *See—*
- Lambert, Homer T., Myers, and Kershner. 2,731,114.
- Lucker, Millard E., and Myers. 2,730,205.
- Myers, Claude R., to Lambert Brake Corp. Disc brakes of the segmental disc type. 2,732,036, 1-24-56, Cl. 188—72.
- Myers, Claude R., to Lambert Brake Corp. Fluid-operated disc brake and noise eliminating means therefor. 2,733,780, 2-7-56, Cl. 188—152.
- Myers, Clifford H.: *See—*
- Goebel, Robert S., Myers, and Stephens. 2,760,654.
- Myers, Donald R.: *See—*
- Weisblatt, David I., Magerlein, Myers, Hanze, and Rolfsen. 2,737,523.
- Myers, Errol L., to H. O. Terrence. Thermostatic valve for steam trap. 2,746,685, 5-22-56, Cl. 236—53.
- Myers, F. E., & Bro. Co., The: *See—*
- Conery, William J. 2,740,059.
- Spreng, Warren M. 2,736,605.
- Myers, Frank W.: *See—*
- William, F., Jr., and Myers. 2,747,520.
- Myers, George. Flush valve. 2,735,112, 2-21-56, Cl. 4—57.
- Myers, Glenn L., to Deere Mfg. Co. Safety device for crop feeder. 2,765,902, 10-9-56, Cl. 198, 223.
- Myers, Glenn W.: *See—*
- Gaddis, Hugh L., Myers, and Welsh. 2,731,709.
- Myers, Harry W., to Socony Mobil Oil Co. Modified duo-sol refining. 2,734,848, 2-14-56, Cl. 196—14.2.
- Myers, Harold C., to Socony Mobil Oil Co., Inc. Method of decolorizing oil. 2,748,064, 5-29-56, Cl. 196—147.
- Myers, Harold C., and R. N. Lovett, to Socony Mobil Oil Co., Inc. Treatment of hydrocarbon mixtures. 2,754,249, 7-10-56, Cl. 196—14.5.
- Myers, Herbert, and F. P. Otto, to Socony Mobil Oil Co., Inc. High metal content complex salts of sulfonic acids and mineral oil compositions thereof. 2,739,125, 3-20-56, Cl. 262—33.
- Myers, Herman E.: *See—*
- Myers, Virgil O. 2,745,204.
- Myers, Hubert A., to Western Electric Co., Inc. Extruders. 2,732,588, 1-31-56, Cl. 18—13.
- Myers, Hubert A., to Western Electric Co., Inc. Apparatus for welding contacts onto wire spring relays. 2,771,539, 11-29-56, Cl. 219—79.
- Myers, Hugh L.: *See—*
- Kline, Charles C., and Myers. 2,773,806.
- Myers, Jack E., and J. N. Phillips, Jr., to Carnegie Institution of Washington. Mass culture of algae. 2,732,662, 1-31-56, Cl. 158—5.
- Myers, John L. Pleat forms for neckties. 2,735,107, 2-21-56, Cl. 2—153.
- Myers, John R. Football practice device. 2,749,121, 6-5-56, Cl. 273—55.
- Myers, John W., to Phillips Petroleum Co. Catalytic reforming process. 2,767,124, 10-16-56, Cl. 196—50.
- Myers, Kenneth H.: *See—*
- Schindler, Frank S., and Myers. 2,731,037.
- Myers, L. E., Co., The: *See—*
- Martin, Harold J. 2,765,145.
- Myers, Lester L., to Mobile Aerial Towers, Inc. Control mechanism. 2,738,486, 8-14-56, Cl. 74—4.
- Myers, Lloyd D. Steam-heated pressing irons. 2,767,465, 8-7-56, Cl. 38—77.
- Myers, Paul D.: *See—*
- McDowell, Nathan H., and Myers. 2,752,742.
- Myers, Pauline L. Q.: *See—*
- Pritchard, James E., and Myers. 2,751,323.
- Myers, Ralph S., to The Wadsworth Electric Mfg. Co. Panel-board mounting for circuit breakers. 2,733,386, 1-31-56, Cl. 317—19.
- Myers, Raymond L., to The Wright Line, Inc. Reeled tape indicating device. 2,738,760, 3-20-56, Cl. 116—135.
- Myers, Robert E. Spanner wrench for calks. 2,770,991, 11-20-56, Cl. 81—90.
- Myers, Robert L.: *See—*
- Sutphen, Fred G., Canfield, Myers, Sams, and Burns. 2,755,251.
- Myers, Robert P., to National Dairy Research Laboratories, Inc. Drying of yeast to inactivate yzyme and preserve lactase. 2,762,748, 9-11-56, Cl. 195—65.
- Myers, Robert P., and E. G. Stimpson, to National Dairy Research Laboratories, Inc. Production of lactase. 2,762,749, 9-11-56, Cl. 195—67.
- Myers, Robert R., Jr. Method for producing flat printing plates. 2,746,106, 5-22-56, Cl. 22—203.
- Myers, Thomas E., to Electrol Laboratory & Sales Co. Housing structure for photocell or the like and method of making the same. 2,773,158, 12-4-56, Cl. 201—63.
- Myers, Virgil: *See—*
- 49%, to H. E. Myers. Fish spear. 2,745,204, 5-15-56, Cl. 43—6.
- Myers, Walter H., to the United States of America as represented by the Secretary of the Navy. Explosive jetison device for airborne stores. 2,750,842, 6-19-56, Cl. 89—1.5.
- Myers, William C., Jr.: *See—*
- Lucks, Charles F., Linebrink, and Myers. 2,762,963.
- Parker, James F. 2,751,684.
- Myers, William D., and H. M. Zeidler, to Hewlett-Packard Co. High frequency oscillator and resonator. 2,747,098, 5-22-56, Cl. 250—36.

- Myers, William H., to Avco Mfg. Corp. Decalcomania process for making cathode-ray tube screen. 2,734,013, 2-7-56, Cl. 134-45.
- Myers, William H.,  $\frac{1}{2}$  to L. C. Schaeffer and  $\frac{1}{2}$  to H. Lemmons. Support stand with spider legs. 2,744,711, 5-8-56, Cl. 248-165.
- Myerson, Simon. Expandable wrist watch band. 2,751,132, 6-19-56, Cl. 224-4.
- Myerson, Simon. Means for processing dentures. 2,761,175, 9-4-56, Cl. 18-33.
- Myklebust, James A., and H. O. A. Hanly. Power groover. 2,743,859, 5-8-56, Cl. 164-10-2.
- Mylander, Gerald D., 30% to F. A. Utech, Jr. Seal. 2,738,208, 3-13-56, Cl. 286-9.
- Myles, Asa H., and H. J. Rathbun, to Square D Co. Control system for induction motor and braking generator combination. 2,746,416, 10-8-56, Cl. 318-209.
- Myles, Leonard. See—
- Woodward, James H., and Myles. 2,733,734.
- Myles, William J., to Celanese Corp. of America. Treatment of organic derivatives of cellulose to prevent acid-fading. 2,736,631, 2-28-56, Cl. 8-61.
- Myting, Lauritz E., to The Allen-Sherman-Hoff Co. Method and apparatus for transporting finely divided solids. 2,757,987, 8-7-56, Cl. 302-25.
- Moyes, Clyde S. Projectile pellet. 2,766,692, 10-18-56, Cl. 102-91.
- Myrent, Harry L., and J. T. Elwood, to Vapor Heating Corp. Thermostatically controlled temperature regulating system. 2,756,026, 7-24-56, Cl. 257-7.
- Myrick, Elvin L. Pipeline coating and wrapping machine. 2,770,284, 11-13-56, Cl. 154-41.
- Myrick, Harvey J., Jr. Collapsible seat. 2,759,527, 8-21-56, Cl. 155-133.
- Myron, Thomas L., to United States Steel Corp. Apparatus and method for separating fines. 2,772,776, 12-4-56, Cl. 209-45.
- N & P Enterprises, Inc. See—
- Peterson, James F. 2,743,833.
- Peterson, James F. 2,743,838.
- N. S. F. Ltd. See—
- Hassid, Maurice A. 2,768,718.
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- Roder, Albert. 2,763,496.
- N. V. Amsterdamse Chininefabriek. See—
- Veldstra, Haaye, and Akkerman. 2,750,386.
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- N. V. Centrale Suiker Maatschappij. See—
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- N. V. "COQ". See—
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- N. V. Fridor Fabrieken. See—
- Kunz, Paul A. 2,787,672.
- N. V. Lemet Industrie. See—
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- N. V. Maatschappij tot Exploiteren van Octroolen en Licenties Matepa. See—
- Lanenstein, Harald. 2,766,671.
- N. V. Metallic Industrie. See—
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- Cransberg, Rolf, and Van Oosterhout. 2,742,413.
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- N. V. Optische Industrie "De Oude Delft". See—
- Bouwers, Albert. 2,748,658.
- Bouwers, Albert. 2,769,373.
- Bouwers, Albert, and Zoglmann. 2,762,259.
- N. V. Polak & Schwarz. Essengefabrieken. See—
- Beets, Muus G. J. 2,769,014.
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- N. V. Technische Maatschappij Marchand-Andriessen. See—
- Van Weert, Gerardus. 2,730,248.
- N. V. Tema. See—
- Kiesskalt, Siegfried. 2,760,727.
- N. V. Verus. See—
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- Gerhart, Cecil G. 2,766,460.
- N. Z. Inventions Development Co. Ltd. See—
- Bensemann, Edward H. T. 2,732,552.
- Bensemann, Edward H. T. 2,732,553.
- Naab, Julius, to Ingersoll-Rand Co. Compressor piston construction. 2,736,628, 2-28-56, Cl. 309-4.
- Naab, Julius, to Ingersoll-Rand Co. Wear and adjusting device for pistons. 2,750,240, 6-12-56, Cl. 309-4.
- Naab, Julius, to Ingersoll-Rand Co. Piston and rod connection. 2,758,897, 8-14-56, Cl. 309-17.
- Naab, Julius, to Ingersoll-Rand Co. Piston ring expander. 2,774,639, 12-18-56, Cl. 309-35.
- Naamloze Vennootschap Kunstzijdsponnerij Nyma. See—
- Waning, Hendrik. 2,758,112.
- Naamloze Vennootschap W. A. Scholten's Chemische Fabrieken. See—
- Kool, Cornelis M. H., Lolkema, and Moes. 2,759,023.
- Naamloze Vennootschap Scado Kunstziersindustrie. See—
- Taat, Willem J. 2,761,850.
- Nabenhauer, Fred P., to Smith, Kline & French Laboratories. Bis-2-(2-hydroxy-1-isopropyl) quaternary ammonium salts. 2,744,901, 5-8-56, Cl. 260-286.
- Nachfolger, E. Leybold's. See—
- Noller, Hans G. 2,762,558.
- Nachman Corp. See—
- Gleson, William W. 2,729,830.
- Nachman, Fred A., Jr., and Hosek. 2,764,226.
- Roselle, Rexford A. 2,773,270.
- Nachman, Fred A., Jr., and L. F. Hosek, to Nachman Corp. Spring assembly and units employed in the manufacture of same. 2,764,226, 9-25-56, Cl. 155-179.
- Nachman, Joseph F., and W. J. Buehler,  $\frac{1}{4}$  to E. A. Gaugler, and  $\frac{1}{4}$  to S. G. Lax. Ferritic alloys and methods of making and fabricating same. 2,768,815, 10-30-56, Cl. 148-52.
- Nachman, Elliot S., and E. B. Moore, to La Salle Steel Co. Process of extruding steel. 2,767,835, 10-23-56, Cl. 207-10.
- Nachman, Elliot S., and E. B. Moore, to La Salle Steel Co. Process of extruding steel. 2,767,836, 10-23-56, Cl. 207-10.
- Nachman, Elliot S., and E. B. Moore, to La Salle Steel Co. Process of extruding steel. 2,767,837, 10-23-56, Cl. 207-10.
- Nachman, Elliot S., and E. B. Moore, to La Salle Steel Co. Process of extruding steel. 2,767,838, 10-23-56, Cl. 207-10.
- Nack, Herman R. See—
- Pawlyk, Peter, and Nack. 2,753,800.
- Pawlyk, Peter, and Nack. 2,760,261.
- Nack, Herman R., to Chadelord Corp. Activation of wood for dyeing with a basic dyestuff. 2,733,119, 1-31-56, Cl. 8-65.
- Nack, Herman R., and W. A. Walde, to Chadelord Corp. Spin and method of its preparation. Re. 24,130, 8-13-56, Cl. 106-34.
- Nack, Herman R., and J. R. Whitacre, to The Commonwealth Engineering Co. of Ohio. Catalyzed deposition of metals from the gaseous state. 2,731,361, 1-17-56, Cl. 117-50.
- Nack, Herman R., and L. J. Novak, to Chadelord Corp. Varnish remover. 2,736,710, 2-28-56, Cl. 252-170.
- Nack, Herman R., and J. R. Whitacre, to The Commonwealth Engineering Co. of Ohio. Method and means for induction heating coil control. 2,736,782, 2-28-56, Cl. 219-1075.
- Nack, Herman R., and H. J. Homer, to The Commonwealth Engineering Co. of Ohio. Method of producing metalized glass fiber rovings. 2,749,255, 6-5-56, Cl. 117-54.
- Nack, Herman R., and J. R. Whitacre, to The Commonwealth Engineering Co. of Ohio. Composite metallic bodies and method of producing the same. 2,767,464, 10-23-56, Cl. 29-194.
- Nädelin, Eugen, to Gottlieb Gühring. Device for sharpening twist drills. 2,745,298, 5-15-56, Cl. 51-219.
- Nädelin, Eugen, to G. Gühring. Apparatus for the grinding of twist drills. 2,770,929, 11-20-56, Cl. 51-219.
- Nader, Joseph, to Motordyne Inc. Speed governor. 2,767,272, 10-16-56, Cl. 200-80.
- Nadler, Martin L., and W. E. Mace, to E. I. du Pont de Nemours & Co. Continuous process for the manufacture of thiuram disulfides. 2,751,416, 6-19-56, Cl. 260-567.
- Nadro, Edward, Jr., to Socony Mobil Oil Co., Inc. Conversion of fluid hydrocarbon in the presence of a moving mass of granular catalyst. 2,766,186, 10-9-56, Cl. 196-52.
- Naery, John S. See—
- Krause, Norman R., Heth, and Naery. 2,761,269.
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- Nafziger, Edwin. Door stop. 2,739,005, 3-20-56, Cl. 292-339.
- Nafziger, George A., to Columbia-Southern Chemical Corp. Production of HCl. 2,765,049, 10-2-56, Cl. 183-120.
- Nagel-Chase Mfg. Co., The. See—
- Schultz, Edward H., Jr. 2,738,539.
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- Nagel, George W., to Westinghouse Electric Corp. Control circuit. 2,769,120, 10-30-56, Cl. 317-130.
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- Nagely, John L. Gear pump or motor. 2,772,638, 12-4-56, Cl. 103-126.
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- Fuchs, Henry H., Nagle, and Woodland. 2,732,366.
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- Nagle, Wilson D. See—
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- Nagode, Henry S., 25% to D. D. Dixon and 25% to S. F. Gallagher. Rotary diamond tool. 2,741,239, 4-10-56, Cl. 125-11.
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- Nagy, Daniel E.: See—  
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- Nahon, James M. Golf bags. 2,751,955, 6-26-56, Cl. 150-1.5.
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- Najarian, Herand K., to St. Joseph Lead Co. Condensation of metallic vapors. 2,768,034, 10-9-56, Cl. 266-37.
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- Nakken, Theodore H. Device for charging lubricants. 2,769,621, 11-6-56, Cl. 259-7.
- Nakano, Walter. Method of pre-stressing reinforced concrete structural elements. 2,751,660, 6-26-56, Cl. 25-15.4.
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- Nallinger, Friedrich K. H. Combination tail and signal light for vehicles. 2,740,104, 3-27-56, Cl. 340-84.
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- Nance, James A. Garden spraying device. 2,772,921, 12-4-56, Cl. 299-43.
- Nance, Robert C., to Bell Telephone Laboratories, Inc. Routine trunk test circuit. 2,771,519, 11-20-56, Cl. 179-175.2.
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- Nanni, Americo V. Index plate. 2,733,620, 2-7-56, Cl. 74-813.
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 Perkins, George S. 2,771,225.  
 Schlemmer, Philip G. 2,731,109.  
 Schlemmer, Philip G. 2,751,982.  
 Schlemmer, Philip G. 2,752,152.  
 National Foam Systems, Inc.: *See*—  
 Boerner, Lewis W. 2,736,387.  
 Boyd, Fisher L. 2,766,026.  
 Mitchison, Louis E. 2,737,413.  
 Perri, Joseph M., and Dollman. 2,758,969.  
 Perri, Joseph M., and Sloviter. 2,748,078.  
 Schuit, Paul J. 2,765,856.  
 National Furniture Mfg. Co., Inc.: *See*—  
 Quakenbush, Howard M. 2,749,970.  
 National Glass Co., Inc.: *See*—  
 Griffiths, Edward M. 2,736,670.  
 National Gunit Corp.: *See*—  
 Dunn, Byron B. 2,769,670.  
 National Gypsum Co.: *See*—  
 Elden, Howard S. 2,758,034.  
 Teale, Robert R. 2,762,738.  
 National Homes Corp.: *See*—  
 Johnson, Wilbert S. 2,755,470.  
 National Latex Products Co., Inc., The: *See*—  
 Whittington, Lloyd R. 2,732,986.  
 National Lead Co.: *See*—  
 Aagaard, Leif, and Espenschied. 2,733,134.  
 Albert, Marshall B. 2,734,003.  
 Albert, Marshall B., and Hamilton. 2,760,930.  
 Albert, Marshall B., and Foxwell. 2,741,588.  
 Anderson, William W., and Rowe. 2,731,327.  
 Anderson, William W., and Rowe. 2,770,529.  
 Armand, David L., and Sigurdson. 2,751,307.  
 Bauer, Alfred F., and Pack. 2,759,380.  
 Beacham, Harry H. 2,733,222.  
 Beacham, Harry H. 2,736,866.  
 Beacham, Harry H., and Merz. 2,742,448.  
 Beals, Malcolm D., and Miller. 2,756,157.  
 Bolley, Don S., McCormack, and Naughton. 2,732,395.  
 Buck, Thomas M., and Alpert. 2,734,855.  
 Buck, Thomas M., and Hitchcock. 2,768,277.  
 Daubenspeck, John M. 2,733,983.  
 Daubenspeck, John M., and McNeel. 2,747,987.  
 Daubenspeck, John M., and Toomey. 2,758,019.  
 Dempster, Augustine N., and Mundy. 2,760,938.  
 Elchhoff, Arnold J., and Kehrlich. 2,749,214.  
 Frazer, Robert W. 2,767,775.  
 Grave, William. 2,744,028.  
 Grave, William. 2,760,880.  
 Greenburg, Reginald H., and Orsino. 2,759,036.  
 Greenburg, Reginald H., and Orsino. 2,759,037.  
 Griffin, Thomas S., and Rogers. 2,767,053.  
 Hendricks, John G., and Kehrlich. 2,744,881.  
 Kaul, Joseph I. 2,744,304.  
 Keller, Douglas V., Jr., and Shaw. 2,763,480.  
 National Lead Co.: *See*—Continued  
 Kingsbury, Franklin L. 2,744,029.  
 Larsen, Delmar H., Cummer, and Bolley. 2,734,860.  
 Loudon, Edgar W., and Holleron. 2,730,256.  
 Luntz, Klaus. 2,773,783.  
 Lynd, Langtry E., and Merker. 2,736,659.  
 Lynd, Langtry E., and Merker. 2,758,911.  
 Mellgren, Svante. 2,748,073.  
 Merker, Leon. 2,751,279.  
 Merker, Leon. 2,760,874.  
 Merker, Leon. 2,763,558.  
 Merker, Leon. 2,764,490.  
 Merker, Leon. 2,767,050.  
 Møklebust, Olav. 2,765,988.  
 Møklebust, Olav, and Oppegard. 2,771,354.  
 Monaco, Albert J. 2,766,675.  
 Oppegard, Assur G. 2,774,650.  
 Priscu, John C., and Whitney. 2,766,033.  
 Ratcliffe, George L. 2,739,067.  
 Schultz, Frank J., and Buck. 2,734,856.  
 Stambaugh, Edgel P. 2,754,255.  
 Stambaugh, Edgel P. 2,754,256.  
 Svanstrom, Kjell A., and Opie. 2,749,295.  
 National Lock Co.: *See*—  
 Burke, William O. 2,736,596.  
 Burke, William O. 2,767,007.  
 North, Edwin W. 2,733,945.  
 North, Edwin W., and Erickson. 2,739,472.  
 North, Edwin W., and Wilson. 2,733,946.  
 North, Edwin W., and Wilson. 2,738,665.  
 Wilson, William B. 2,732,239.  
 National Machinery Co., The: *See*—  
 Friedman, John H. 2,743,487.  
 Friedman, John H. 2,743,466.  
 Friedman, Robert G. 2,729,319.  
 Friedman, Robert G. 2,743,109.  
 Friedman, Robert G. 2,775,319.  
 National Malleable and Steel Castings Co.: *See*—  
 Kreiner, Joseph M. 2,758,551.  
 Metzger, William J. 2,754,978.  
 Metzger, William J. 2,769,556.  
 Shafer, James A. 2,768,559.  
 Shafer, James A. 2,769,402.  
 National Marking Machine Co., The: *See*—  
 Keuper, William J. 2,774,458.  
 McCafferty, Edward A. 2,734,871.  
 National Merchandising Corp.: *See*—  
 Kato, Shoji. 2,770,159.  
 National Metal Products Co., Inc.: *See*—  
 Summerour, Marion A. 2,764,268.  
 National Metalcrafters, Inc.: *See*—  
 Lazzeri, Angelo G. 2,730,285.  
 National Metropolitan Bank, The, trustee: *See*—  
 Hittmorer, John E. 2,755,723.  
 National Motor Bearing Co., Inc.: *See*—  
 Ayres, Frank W., and Helfrecht. 2,743,951.  
 Christensen, Dan A., and Martin. 2,743,968.  
 Helfrecht, Fred A., and Voorhees. 2,743,950.  
 Johnson, Lloyd A., Christensen, and Martin. 2,757,991.  
 Snow, J. H., Greenwald, and Ticknor. 2,743,759.  
 Wurtz, John W., and Greenwald. 2,757,423.  
 National Paper Bottle Co., Inc.: *See*—  
 Wittkuhn, Bruno A., and Hill. 2,744,455.  
 National Pioneer, Inc.: *See*—  
 Young, Frederick S. 2,759,302.  
 National Plastic Products Co., The: *See*—  
 Dellheim, Arthur F. 2,736,058.  
 Genovese, Anthony L. 2,743,511.  
 Samler, Lee F. 2,753,308.  
 National Plastics, Inc.: *See*—  
 Van Deventer, Christopher, III. 2,741,516.  
 Van Deventer, Christopher, III. 2,755,825.  
 Van Deventer, Christopher, III. 2,760,878.  
 National Pneumatic Co., Inc.: *See*—  
 Button, Charles T. 2,760,093.  
 Button, Charles T., Brodsky, and Gubas. 2,756,953.  
 Delany, Frank M. 2,757,949.  
 Fischer, Harold P. 2,733,918.  
 Johnson, Ernest W. 2,760,134.  
 National Presto Industries, Inc.: *See*—  
 Maykemper, Henry. 2,741,044.  
 Wittenberg, Edward H. 2,769,457.  
 National Products Corp.: *See*—  
 Marden, Carleton S. 2,730,562.  
 National Registrar Kassen Augsburg G. m. b. H.: *See*—  
 Kuhlmann, Emil P. 2,746,304.  
 National Relectors, Inc.: *See*—  
 Anderson, John L. 2,768,726.  
 Gottfried, John. 2,768,727.  
 Haverstick, Merral P. 2,744,603.  
 National Research Corp.: *See*—  
 Clough, Philip J., and Moore. 2,757,219.  
 Di Nardo, Albert, Gardner, and Robertson. 2,769,846.  
 Fletcher, John. 2,767,105.  
 Gabbett, James F., Jr., and Robertson. 2,762,834.  
 Gardner, James H., Robertson, and Schoenbrunn. 2,775,601.  
 Gardner, James H., and Schoenbrunn. 2,775,510.  
 Maslan, Frank. 2,773,081.  
 Maslan, Frank. 2,775,600.  
 Patton, Paul W. 2,730,986.  
 Preston, John S. 2,769,778.

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Singleton, Richard H. 2,766,111.  
 Singleton, Richard H. 2,760,541.  
 Stauffer, Robert A. 2,768,074.  
 Williams, Frederic C., and Kilburn. 2,769,955.  
 National Research Council: See—  
 Cumming, William A. 2,737,656.  
 Fraser, Donald, and Bowler. 2,767,294.  
 Hudson, Arthur C. 2,735,076.  
 Hudson, Arthur C. 2,753,450.  
 Kuhring, Malcolm S. 2,742,762.  
 Martin, Stanley M. 2,739,923.  
 McLeish, Charles W., and Rumble. 2,764,736.  
 Milne, Allen B. 2,765,668.  
 Puddington, Ira E., Sirianni, and Farnand. 2,767,122.  
 Robertson, Ross E., and Glew. 2,744,440.  
 Roehrig, Jonathan K. 2,739,283.  
 Stevinson, Harry T. 2,744,432.  
 National Research Development Corp.: See—  
 Alabaster, Albert E. 2,732,517.  
 Barker, Geoffrey C. 2,766,423.  
 Barker, Ronald H. 2,730,676.  
 Barnes, Richard C. M., and Cooke-Yarborough. 2,753,488.  
 Burstall, Francis H., Forrest, Kember, and Wells. 2,753,258.  
 Callow, Robert K., Spensley, and Cornforth. 2,734,898.  
 Cary, Rex H. J. 2,751,589.  
 Conn, George K. T., and Daglish. 2,757,306.  
 Findlay, Gordon R., Di Pietro, and Hood. 2,760,858.  
 Gabor, Dennis. 2,770,160.  
 Goulding, Frederick R. 2,740,091.  
 Kenner, George W. 2,766,225.  
 Mattick, Alexander T. R., and Hirsch. 2,744,827.  
 Newman, Edward A. 2,732,440.  
 Newman, Edward A., and Clenden. 2,740,906.  
 Newman, Edward A., and Clayden. 2,749,496.  
 Newman, Edward A., and Clayden. 2,750,499.  
 Pollard, Brian W., and Stuart-Williams. 2,757,864.  
 Pulsford, Edgar W. 2,762,974.  
 Ratcliffe, Stanley. 2,744,420.  
 Ratcliffe, Stanley. 2,759,100.  
 Ricardo, Harry R. 2,739,576.  
 Robertson-Shersby-Harvie, Robert B. Re. 24,146.  
 Robinson, Arthur A., Williams, and Kilburn. 2,772,050.  
 Sayce, Leonard A. 2,768,393.  
 Sixsmith, Herbert. 2,760,356.  
 Thomas, Graham I. 2,767,908.  
 Williams, Frederic C. 2,734,186.  
 Williams, Frederic C., and Kilburn. 2,749,034.  
 Williams, Frederic C., and Kilburn. 2,755,994.  
 Williams, Frederic C., Kilburn, and Lalthwaite. 2,755,996.  
 Williams, Frederic C., Kilburn, and Tootill. 2,749,439.  
 Williams, Frederic C., and Thomas. 2,733,425.  
 National Rubber Machinery Co.: See—  
 Brundage, James W. 2,730,763.  
 Heston, Allen L. 2,741,799.  
 Magerkurth, Wilhelm A. 2,765,491.  
 National Safety Appliance Co., Ltd.: See—  
 Folker, Herbert P. 2,729,514.  
 National Screw & Mfg. Co., The: See—  
 Steinhilber, Louis. 2,741,783.  
 National Seating Co.: See—  
 Brooks, Robert G., and Williams. 2,766,815.  
 National Silver Co.: See—  
 Belejack, Stephen, and Feingold. 2,765,590.  
 National Smelting Co., Ltd., The: See—  
 Belf, Leon J. 2,772,144.  
 Robson, Stanley, and Derham. 2,760,770.  
 Williams, George K., and Derham. 2,734,819.  
 National Sponge Cushion Co., Inc.: See—  
 Harwin, Dixon R., Stern, and Bodle. 2,740,739.  
 National-Standard Co.: See—  
 Berquist, Leonard G. 2,743,098.  
 Kenmore, Herbert, and Manson. 2,748,784.  
 Kenmore, Herbert, and Manson. 2,762,763.  
 Pierce, Robert G. 2,739,765.  
 Pierce, Robert C. 2,762,873.  
 National Standard Co., Ltd.: See—  
 Simpson, Harold, and Spence. 2,747,442.  
 National Starch Products Inc.: See—  
 Goldberg, Albert I., and Doering. 2,765,286.  
 Kunze, Walter G., Evans, and Huebschmann. 2,772,178.  
 Smart, William F. 2,772,981.  
 National Steel Container Corp.: See—  
 Brown, Robert J. 2,767,899.  
 National Steel Corp.: See—  
 Bendot, Joseph E. 2,744,670.  
 Carr, Charles E. 2,757,925.  
 Colby, Roy L., Jr. 2,736,397.  
 Collins, Tappan. 2,735,320.  
 Gorey, Charles B. 2,747,704.  
 Kadell, Alfred E. 2,769,873.  
 Klein, Clarence J., and Wright. 2,764,473.  
 Shanley, James J. 2,742,417.  
 Strassburger, Julius H. 2,735,758.  
 Wright, Wilbert H., and Bendot. 2,765,934.  
 National Super Service, Inc.: See—  
 Meeker, Paul C. 2,734,594.  
 National Supply Co., The: See—  
 Abraham, James G. 2,759,702.  
 Detrickson, Roy H. 2,748,036.  
 Detrickson, Roy H. 2,756,562.

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Detrickson, Roy H. 2,770,197.  
 Eklund, Stone E. 2,743,495.  
 Eklund, Stone E. 2,762,310.  
 Giraudeau, Anthony E. 2,766,701.  
 Knox, Donald G. 2,762,309.  
 Murphy, Demery A. 2,764,428.  
 Picard, John B. 2,764,271.  
 Spalding, John D. 2,757,614.  
 National Tank Co.: See—  
 Francis, Alex W., Jr. 2,758,665.  
 Francis, Alex W., Jr. 2,765,917.  
 Glasgow, Clarence O. 2,753,506.  
 Glasgow, Clarence O. 2,739,460.  
 Glasgow, Clarence O. 2,751,998.  
 Glasgow, Clarence O., and Maher. 2,732,070.  
 Glasgow, Clarence O., and Maher. 2,735,026.  
 Meyers, Charles O. 2,750,331.  
 Meyers, Charles O. 2,765,045.  
 Walker, Jay P., Glasgow, and Francis. 2,747,002.  
 National Theatres, Inc.: See—  
 Dickson, Alphons E. 2,732,688.  
 National Twist Drill & Tool Co.: See—  
 Fleischer, John. 2,739,496.  
 National Union Electric Corp.: See—  
 Charton, Paul W., and Crawford. 2,742,590.  
 Levy, Gustave. 2,753,490.  
 Maynard, Fred B. 2,756,366.  
 Maynard, Fred B., and Kessler. 2,766,376.  
 Shower, Edmund G. 2,735,919.  
 Shower, Edmund. 2,751,521.  
 Skellett, Albert M. 2,739,104.  
 National-U. S. Radiator Corp., The: See—  
 Levy, Marion I. 2,739,852.  
 Moyer, Robert F. 2,743,512.  
 Scott, Joe. 2,742,313.  
 Shafer, William M. 2,775,516.  
 National Vendors Inc.: See—  
 Fry, Benjamin W. 2,743,842.  
 National Video Corp.: See—  
 Andriulis, Vytautas, and Giacchetti. 2,739,911.  
 National Weather-Top Corp.: See—  
 Edmonds, Harry G., Sr. 2,759,658.  
 Nationwide Sales Corp.: See—  
 Kile, John A. 2,741,081.  
 Natkans, Wilmette. Underground garage. 2,745,561.  
 15-155, Cl. 214—161.  
 Natta, Giulio, to Montecatini, società Generale per l'Industria Mineraria e Chimica. Continuous process for separating two gases having boiling temperatures which closely approach one another. 2,757,754, 8-7-56, Cl. 183—115.  
 Natvig, John R.: See—  
 Rubidge, David W., Natvig, and Huling. 2,775,298.  
 Natziel, Paul: See—  
 Natziel, Paul, and Otto G., and Natziel. 2,736,062.  
 Naucner, Johan O., and P. J. I. Ahrel; said Ahrel assor. to Industriekemiska Aktiebolaget. Gas heating furnace with tubular heat exchange means. 2,742,895, 4-24-56, Cl. 126—109.  
 Naughton, Frank C.: See—  
 Bolley, Don S., McCormack, and Naughton. 2,732,395.  
 Bolley, Don S., and Naughton. 2,734,916.  
 Naugler, Walter E.: See—  
 Stacey, Ernest W., and Naugler. 2,733,588.  
 Nauman, Leo F.: See—  
 Schafer, George F., and Nauman. 2,753,611.  
 Nauman, Walter G. Coin holder for key chains and the like. 2,729,325, 1-3-56, Cl. 206—81.  
 Naumann, Helmut, to Voigtlander, A. G. Locking means for the back wall of roll film cameras. 2,771,825, 11-27-56, Cl. 95—31.  
 Naumann, Horst, to Firma Lenkdradwerk Gustav Petri. Control device for motor vehicles. 2,744,975, 5-8-56, Cl. 126—109.  
 Naumann, Leonard G., to Wagner Electric Corp. Automatic adjusting mechanism for disc brakes. 2,762,461, 9-11-56, Cl. 188—72.  
 Naumann, Lloyd, and C. B. Spase, to Lipe-Rollway Corp. Multiple input centrifugal clutch. 2,765,062, 10-2-56, Cl. 192—104.  
 Naus, Glen L. Adjustable rest for locomotive seat. 2,772,724, 12-4-56, Cl. 155—160.  
 Naus, Benjamin F. Interlocking electrical plug assembly. 2,771,590, 10-2-56, Cl. 339—168.  
 Nauta, Johannes E. Automatic weigher for mixtures. 2,743,896, 5-1-56, Cl. 249—14.  
 Nauta, Johannes E. Load-regulating device for a mill or similar grinding machine. 2,753,122, 7-3-56, Cl. 241—35.  
 Nav-Tonon, Albert, to I. Frenkel. Rotary device for reducing the balloon of thread. 2,758,438, 8-14-56, Cl. 57—73.  
 Navarre, Roger F. D., alias Malherbe, to Sebel S. A. Electronic fluorescent illuminating lamp. 2,763,814, 9-18-56, Cl. 315—341.  
 Navarrete, Angel. Locks for sliding closure members. 2,752,445, 6-26-56, Cl. 300—763.  
 Nave, Alfred E., and E. D. Kenna, Jr., to Avco Mfg. Corp. Flexible water dispensing bottle. 2,755,972, 7-24-56, Cl. 222—211.  
 Nave, Sherlock E. Bulldozer blade. 2,749,630, 6-12-56, Cl. 37—144.  
 Naves, Yves-René, to The Givaudan Corp. Methyl-6-ionones, methyl-irones, and the like and process for preparing the same. 2,740,817, 4-3-56, Cl. 260—587.



Navykas, Victor A., to Armstrong Cork Co. Fluid applicator for cap making machines. 2,747,543, 5-29-56, Cl. 118-241.

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Adams, Harry M. 2,742,711.

Adams, Harry M. 2,761,541.

Allen, Herbert, Works, and Jones. 2,756,634.

Alison, Albert R., Dwyer, and Simms. 2,771,777.

Amico, Gaetano V. 2,741,036.

Amico, Gaetano V. 2,772,651.

Anderson, Ernest R., and Burke. 2,741,126.

Anderson, Niels Y., Jr., Kaushagen, and Swartzel. 2,761,315.

Anderson, Wilmer C. 2,741,853.

Arams, Frank R. 2,765,404.

Armstrong, Richard W. 2,750,753.

Babcock, Horace W. 2,733,006.

Babish, Richard J. 2,770,758.

Banham, James W., Jr., and Fritz. 2,770,322.

Barnhart, Philip W. 2,754,474.

Bartelink, Everhard H. B. 2,745,097.

Bartelink, Everhard H. B. 2,756,417.

Barton, Loy E. 2,745,070.

Bauman, Alvin H. 2,753,869.

Beams, Jesse W. 2,733,857.

Beams, Jesse W., and Snoddy. 2,763,155.

Beatty, Charles G., and Osborn. 2,761,318.

Bell, Persa R., Jr. 2,736,868.

Bell, Paul. 2,731,320.

Bennett, Lowell W. 2,774,241.

Billman, Louis S. 2,737,019.

Billman, Louis S., and Angelos. 2,749,749.

Bixby, Harold W. 2,751,844.

Black, James G. 2,744,976.

Blackmer, David E., and Moore. 2,760,191.

Block, Edwin H. 2,748,229.

Bode, Robert H., Holiday, and Hawke. 2,750,028.

Bohl, Leland S., and Huch. 2,759,692.

Boyd, William H. A. 2,732,765.

Boyd, William H. A. 2,753,177.

Boyle, Edward B., Jr. 2,736,878.

Brace, Porter H. 2,747,066.

Braunagel, Magnus V. 2,760,131.

Brettell, George A., Jr. 2,754,417.

Brode, Robert B. 2,737,890.

Brown, Paul E. 2,754,491.

Buche, Donald R. 2,764,065.

Bunnott, Joseph F. 2,750,347.

Burke, Thomas F. 2,754,925.

Byron, Edgar S., and Baker. 2,767,112.

Cady, Walter G. 2,762,447.

Carapellotti, Lawrence T. 2,733,358.

Carey, George F., Rakoff, and Saars. 2,736,965.

Chance, Britton. 2,731,571.

Chance, Britton. 2,755,462.

Cherry, Robert H. 2,743,167.

Christensen, Alton O. 2,756,336.

Clapp, Roger E. 2,742,642.

Clogston, Albert M. 2,762,944.

Cohen, Jack H., and Goslin. 2,730,666.

Cohen, Nathaniel L. 2,765,437.

Comrad, Earl W. 2,755,133.

Crandon, Lawrence H., and Pridmore. 2,760,144.

Crawford, Jack A. 2,731,521.

Crawford, Jack A. 2,735,020.

Creusere, Melville C. 2,769,137.

Crockett, Sydney R. 2,743,576.

Cumberland, John L., Jr. 2,763,738.

Dalton, Patrick J., and Unger. 2,737,892.

Daniels, Howard L. 2,750,586.

Darrah, Kermit L. 2,765,040.

Davies, Alan D. 2,740,957.

Delbier, Elmer F., George, and Miller. 2,735,067.

De Vost, Valmore F., and Fisher. 2,732,040.

De Vost, Valmore F., Luttrell, Armstrong, Fisher, and New. 2,740,286.

Dexter, George W. 2,760,157.

Dillon, Robert E., Eyges, and Riblet. 2,761,139.

Dodd, Roy F. 2,762,234.

Dodd, Roy F., and Nims. 2,774,616.

Doolittle, Donald B., and Janney. 2,763,467.

Downs, George W. 2,750,794.

Dross, Ralph D. 2,769,101.

Dunham, Stuart B. 2,769,098.

Dunnington, Frank G. 2,774,036.

Duntley, Seibert Q. 2,761,320.

Eaton, Frederic N. 2,775,745.

Edwards, Charles M. 2,769,086.

Ehrenfried, Albert D. 2,754,508.

Ellsworth, Louis D., and Sherwin. 2,775,757.

Eisinger, Willis B. 2,741,748.

Eppley, Clifford R. 2,741,354.

Evans, John C. 2,742,812.

Eyges, Leonard J. 2,755,467.

Faget, Maxime A. 2,767,579.

Fahrner, Ted., and Ramage. 2,750,518.

Fain, Jacob M., Hewitt, and Rosenblatt. 2,731,353.

Fairbank, William M. 2,763,858.

Fay, Howard G. 2,763,032.

Fernser, George L. 2,743,379.

Fischer, Frederick K., and Bartoletti. 2,749,776.

Fitzgerald, Thomas W., and Farren. 2,774,305.

Foss, Rene N. 2,759,055.

Fryklund, Robert A. 2,734,161.

Navy, United States of America as represented by the Secretary of the: See—

Flyer, Norman F. 2,755,407.

Gale, David. 2,743,436.

Gametsfelder, George R. 2,731,595.

Garman, Raymond L., Droz, and Cohen. 2,774,149.

Germeshausen, Kenneth J. 2,750,526.

Geysse, Wilhelm A. 2,743,407.

Gilbert, Charles A. 2,767,577.

Glasser, Irving A. 2,731,981.

Goss, Wilbur H., and Washburn. 2,748,703.

Gray, John W. 2,751,494.

Gray, John W. 2,763,430.

Greb, Arthur, and Tyler. 2,753,175.

Gres, Marcel E., and Block. 2,766,350.

Grimes, Willard M. 2,730,674.

Gross, Martin R. 2,750,561.

Hakomaki, Raymond I. 2,758,804.

Hall, Orville C. 2,732,494.

Hall, William M. 2,754,509.

Hansen, J. Richard, and Sprengling. 2,731,573.

Harrison, Ralph J. 2,731,601.

Harry, Charles H., and Atinello. 2,766,667.

Harry, Charles H., and Atinello. 2,766,668.

Harvey, Earle M. 2,766,542.

Harvey, George G., and Buchwalter. 2,756,421.

Hatch, Robert H. 2,770,784.

Hauptman, Robert. 2,731,593.

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- Needham, Reginald S. Winding machine for brass bobbins. 2,743,876, 5-1-56, Cl. 242-35-5.
- Needham, Von H. Automatic dump box. 2,738,222, 3-13-56, Cl. 298-14.
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- Neel, George H., and M. W. Cole, to the United States of America as represented by the Secretary of Agriculture. Method of continuously blending streams of potato granules. 2,732,307, 1-24-56, Cl. 99-207.
- Neel, George H., and M. W. Cole, to the United States of America. Parting compositions in metal manufacturing. 2,772,180, 11-27-56, Cl. 106-286.
- Neely, Eskel D. Automobile license holder. 2,763,076, 9-18-56, Cl. 40-125.
- Neely, Eskel D. Automobile license plate holder. 2,763,077, 9-18-56, Cl. 40-125.
- Neely, George L., to California Research Corp. Hand-held charger. 2,730,093, 1-10-56, Cl. 123-187.5.
- Neer, Charles A. Tape applicator. 2,732,964, 1-31-56, Cl. 116-21.
- Neer, Kenneth R., to Solar Aircraft Co. Bending apparatus. 2,769,477, 11-6-56, Cl. 153-54.
- Neesby, Torben E., to Carroll Dunham Smith Pharmaceutical Co. Stabilizing aqueous solutions of polythionates and polythionates acids. 2,768,875, 10-30-56, Cl. 23-114.
- Neesen, Alonzo A., and E. D. Beachler, to Beloit Iron Works. Windmill shaft puller and table. 2,736,507, 2-28-56, Cl. 242-55.
- Neetsen, Pieter A., to Hartford National Bank and Trust Co., trustee. Oscillator synchronization. 2,736,804, 2-28-56, Cl. 250-36.
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- Neef, Darby B., and C. E. Adams, to Denison Engineering Co. Hydraulic press. 2,737,928, 3-13-56, Cl. 121-38.
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- Neff, Loren L., to Union Oil Co. of California. Lubricating oil composition. 2,736,701, 2-28-56, Cl. 252-32.7.
- Neff, Minor F., to Precision Rubber Products Corp. Packing ring. 2,737,292, 3-13-56, Cl. 266-65.
- Neff, Robert F. Combination boat carrying and house trailer. 2,772,912, 12-4-56, Cl. 296-23.
- Neff, William H. Dispensing apparatus. 2,733,838, 2-7-56, Cl. 222-342.
- Negard, Lloyd J. Spoon holder for pots and pans. 2,742,771, 4-24-56, Cl. 65-65.
- Negoro, Kajii, to Dairy Containers, Inc. Capping machine and method. 2,743,859, 5-1-56, Cl. 53-39.
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- Neher, Harry T.: *See—*  
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- Neher, Henry V., to the United States of America as represented by the Secretary of the Navy. Microwave oscillator. 2,736,839, 2-28-56, Cl. 315-42.
- Neher, Henry V., to the United States of America as represented by the Secretary of the Navy. Method for making fine wire grids. 2,750,655, 6-19-56, Cl. 29-25.18.
- Neih Corp.: *See—*  
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- Hillis, Randolph D. 2,732,117.
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- Neidhardt, Hermann J. Resilient devices having deformable cushions. 2,729,442, 1-3-56, Cl. 267-21.
- Neidich, George G., E. M. Low, and H. A. Martin, Jr., to The Todd Co., Inc. Apparatus for impregnating ink-transfer ribbons. 2,766,717, 10-16-56, Cl. 118-33.
- Neier, Reinhard, C. Petitjean, and W. Wehrli, to Sandoz A. G. Chromium-containing azo dyestuffs. 2,735,844, 2-21-56, Cl. 260-148.
- Neier, Reinhard, C. Petitjean, and W. Wehrli, to Sandoz A. G. Chromium-containing azo dyestuffs. 2,775,581, 12-25-56, Cl. 260-148.
- Neighbour, Leonard B., and O. P. Lance, to Deere & Co. Hoisting apparatus for elevating and dumping vehicles. 2,770,375, 11-13-56, Cl. 214-46.34.
- Neijstrom, Kenneth L., K. E. Peterson, and W. R. Evans, to Aircraft-Marine Products, Inc. Crimping tool. 2,772,715, 12-4-56, Cl. 153-1.
- Neil, James M. Screw holding screw driver. 2,739,629, 3-27-56, Cl. 145-50.
- Neil, James M. Automatic resetting screw-holding screw driver. 2,745,451, 5-15-56, Cl. 145-50.
- Neil, James M. Screw holding screw driver. 2,748,816, 6-5-56, Cl. 145-50.
- Neil, James M. Screw-holding screw driver. 2,763,304, 9-18-56, Cl. 145-50.
- Neil, James M., and F. B. Keesling, to Allen-Neil. Optional standard or screw-holding screwdriver. 2,758,620, 8-14-56, Cl. 145-50.
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- Neill, Oswald S., and W. R. Reed, to United States Rubber Co. Method and apparatus for making puncture sealing inner tubes. 2,739,639, 3-27-56, Cl. 154-9.
- Neilsen, Hildaurl L., to Zephyr American Corp. Rotary card filing device. 2,731,017, 1-17-56, Cl. 129-16.
- Neilsen, Hildaurl L., to Zephyr American Corp. Rotary card filing device. 2,731,018, 1-17-56, Cl. 129-16.
- Neilsen, Hildaurl L., to Zephyr American Corp. Rotor for rotary card-filing devices. 2,748,775, 6-5-56, Cl. 129-16.
- Neilsen, Hildaurl L., to Zephyr American Corp. Rotary card filing device and card backing means therein. 2,761,750, 9-4-56, Cl. 312-189.
- Neilsen, A. I. Adjustable container for service parts. 2,730,263, 1-10-56, Cl. 220-18.
- Neilson, Christopher B. V., and R. G. Hoare, to Electro-Hydraulics Ltd. Aircraft landing gear with means for minimizing wheel drag load incident to landing. 2,732,152, 9-4-56, Cl. 244-52.
- Neilson, Donald. Rotary mortise cutting tool. 2,765,825, 10-5-56, Cl. 144-83.
- Neilson, Roger. Magnetic ball game. 2,731,266, 1-17-56, Cl. 273-121.
- Neisser, Charles E., Jr. Method of and apparatus for making electrical fabrics. 2,732,865, 1-31-56, Cl. 139-20.
- Neiss, Oskar. Permanent magnetic couplings. 2,768,316, 10-23-56, Cl. 310-95.
- Neklutin, Constantine N., to Universal Match Corp. Steering-by-driving control and power-transmitting mechanism for vehicles. 2,763,164, 9-18-56, Cl. 74-687.
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- Nelkin, Henry G., to G. C. Welter. Truss with encased ventilated and stabilized pad. 2,742,038, 4-17-56, Cl. 128-96.
- Nelles, Maurice, to Borg-Warner Corp. Flexible coupling. 2,770,113, 11-13-56, Cl. 64-12.
- Nellis, James H.: *See—*  
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- Nelpin Mfg. Co., Inc.: *See—*  
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- Nelsen, Marvin G., to Guardian Electric Mfg. Co. Hermetically sealed blow-out circuit breaker. 2,729,722, 1-3-56, Cl. 200-147.
- Nelson, Alden W., to James L. Entwistle Co. Apparatus for automatically vacuum coating of interior of glass tubes with metal. 2,730,887, 1-17-56, Cl. 118-49.
- Nelson, Alden W., to The James L. Entwistle Co. Machine for taping wire coil. 2,751,733, 6-28-56, Cl. 53-198.
- Nelson, Axel B. A. Synthetic sponges and formation thereof. 2,739,950, 3-27-56, Cl. 260-2.5.
- Nelson, Alfred M.: *See—*  
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- Nelson, Brooks E., and R. O. Peterson, to The Osborn Mfg. Co. Brush forming apparatus. 2,736,109, 7-24-56, Cl. 300-2.
- Nelson, Carl C. Christmas tree holder. 2,754,075, 7-10-56, Cl. 248-44.
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- Nelson, Charles J. Packaging unit. 2,734,625, 2-14-56, Cl. 206-47.
- Nelson, Charles J. and E. S. Paint marking apparatus. 2,743,959, 5-1-56, Cl. 299-97.
- Nelson, Charles O.: *See—*
- Woods, John L., Stribley, and Nelson. 2,767,931.
- Nelson, Christian H. Dispensing powder box. 2,763,271, 9-18-56, Cl. 132-82.
- Nelson, Christian K., to Eskimo Pie Corp. Method for making frozen confections and apparatus therefor. 2,739,545, 3-27-56, Cl. 107-8.
- Nelson, Dale H., to The Teleregister Corp. Rotary magnetic data storage system. 2,737,342, 3-6-56, Cl. 235-61.
- Nelson, David A.: *See—*
- Kroll, Adam E., and Nelson. 2,753,329.
- Nelson, David A., to E. I. du Pont de Nemours and Co. Pyrolysis process for making perfluoropropene from tetrafluoroethylene. 2,758,138, 8-7-56, Cl. 260-653.
- Nelson, Dwight A. Automobile rearview mirror support. 2,765,138, 10-2-56, Cl. 248-226.
- Nelson, Earl W., and G. C. Maroot, to American Cyanamid Co. Combustion of titanium tetrachloride with oxygen. 2,750,260, 6-12-56, Cl. 23-202.
- Nelson, Edwin A.: *See—*
- Martin, Robert L., and Nelson. 2,769,119.
- Nelson, Edwin K., to Standard Coil Products Co. Inc. Cascade circuits. 2,775,659, 12-25-56, Cl. 179-171.
- Nelson, Eldred C. Automatic digital motor control system for machine tools. 2,736,852, 2-28-56, Cl. 318-162.
- Nelson, Elizabeth S.: *See—*
- Nelson, Gerald M. 2,765,940.
- Nelson, Elmer L. Caster wheel mounting. 2,751,622, 10-26-56, Cl. 16-35.
- Nelson, Elmer E. Auxiliary spinning reel. 2,731,756, 1-24-56, Cl. 43-20.
- Nelson, Emil O.: *See—*
- Timmons, Melvin L., and Nelson. 2,733,623.
- Nelson, Erick H. Carrying case. 2,768,720, 10-30-56, Cl. 190-54.
- Nelson, Ernest W.: *See—*
- Baker, Edwin R., and Nelson. 2,744,070.
- Nelson, Evan H., and J. Whittemore, to General Electric Co. Quartz-to-iron seal. 2,760,310, 8-28-56, Cl. 49-81.
- Nelson, Evan S.: *See—*
- Nelson, Charles E. S. 2,743,959.
- Nelson, Frederick G., to Dorr-Oliver Inc. Anaerobic digestion tanks with digesting mechanism. 2,722,233, 11-27-56, Cl. 10-2.
- Nelson, George, to Herman Miller Furniture Co. Collapsible sofa. 2,767,775, 10-23-56, Cl. 155-139.
- Nelson, George, to Price Brothers, Inc. Illuminated display sign. 2,772,497, 12-4-56, Cl. 40-180.
- Nelson, George A., to Ship Development Co. Vessel with continuous liquid hull. 2,772,860, 12-4-56, Cl. 257-208.
- Nelson, Gerald M.  $\frac{1}{2}$  to E. S. Nelson. Load handling apparatus. 2,765,940, 10-9-56, Cl. 214-450.
- Nelson, Glen A.: *See—*
- Farin, William G., Duddy, and Nelson. 2,764,540.
- Nelson, Glen E.: *See—*
- Evans, James W., and Nelson. 2,749,259.
- Nelson, Glenn L., to R. R. Erickson. Folding sectional table. 2,764,460, 9-25-56, Cl. 311-92.
- Nelson, Gorman R. Signaling device for lawn sprinklers. 2,740,371, 4-3-56, Cl. 116-118.
- Nelson, Gorman R. Magnetic fluid variable torque wrench. 2,742,805, 4-24-56, Cl. 81-52.4.
- Nelson, Gorman R. Recoil reducing device for magnetic fluid variable torque wrench. 2,762,248, 9-11-56, Cl. 81-52.4.
- Nelson, Gorman R. Shut-off device for lawn sprinklers. 2,768,027, 10-23-56, Cl. 299-1.
- Nelson, Harold G. Cheat-proof dipstick. 2,738,857, 3-20-56, Cl. 39-15.7.
- Nelson, Harry, to Lorentzen Hardware Mfg. Corp. Venetian blind construction. 2,745,488, 5-15-56, Cl. 160-166.
- Nelson, James A., and J. M. Algino, to Cribben and Sexton Co. Thermostatic safety valve control. 2,759,675, 8-21-56, Cl. 236-1.
- Nelson, James R. Tractor cultivator. 2,737,102, 3-6-56, Cl. 97-175.
- Nelson, Jean R., and R. L. Jahneke, to General Motors Corp. Compressor temperature sensing system. 2,756,596, 7-31-56, Cl. 73-245.
- Nelson, Jerry A., to E. I. du Pont de Nemours and Co. Curing of chain extended polyalkylene etherpolyurethane polymer with halogen compounds. 2,734,045, 2-7-56, Cl. 260-77.5.
- Nelson, John H., to Kropp Forge Co. Band saw blade trap. 2,736,848, 2-28-56, Cl. 143-17.
- Nelson, John S. Permanent mold for making cast link chain. 2,764,790, 10-2-56, Cl. 22-137.
- Nelson, John W., and J. W. Teter, to Sinclair Refining Co. High molecular weight nitriles derived from microcrystalline wax oxidate acids. 2,753,801, 7-17-56, Cl. 260-465.2.
- Nelson, Joseph F.: *See—*
- Banes, Fred W., and Nelson. 2,754,288.
- Banes, Fred W., Nelson, and Mirviss. 2,753,325.
- Banes, Fred W., Nelson, and Wieser. 2,758,988.
- Ford, Francis P., and Nelson. 2,739,105.
- Gleason, Anthony H., and Nelson. 2,732,412.
- Nelson, Joseph F.: *See—Continued*
- Gleason, Anthony H., and Nelson. 2,772,254.
- Hunt, John C., Jaros, and Nelson. 2,771,497.
- Koenecke, Donald F., and Nelson. 2,773,780.
- Wilson, Howard L., Banes, Smith, and Nelson. 2,736,685.
- Nelson, Joseph F., R. F. Leary, and F. W. Banes, to Esso Research and Engineering Co. Process for preparing petroleum resins. 2,734,046, 2-7-56, Cl. 260-82.
- Nelson, Joseph F., F. W. Banes, and A. W. Hubbard, to Esso Research and Engineering Co. Process for recovery and purification of cyclohexenes from crude petroleum. 2,761,422, 6-19-56, Cl. 260-666.
- Nelson, Karl J., to Esso Research and Engineering Co. Process of carbonizing coal. 2,750,330, 6-12-56, Cl. 202-14.
- Nelson, Karl J., and E. J. Gornowski, to Esso Research and Engineering Co. Process of conducting gasiform carbonaceous solids. 2,729,552, 1-3-56, Cl. 48-197.
- Nelson, Lewen R. Sprinklers. 2,746,799, 5-22-56, Cl. 299-104.
- Nelson, Marvin R. Lawn sprinklers. 2,767,021, 10-16-56, Cl. 299-69.
- Nelson, Marvin V., to Cory Corp. Merchandise display cap for mechanical pencils. 2,745,198, 5-15-56, Cl. 40-19.
- Nelson, Marcus: *See—*
- Troy, Far A., and Nelson. 2,753,694.
- Nelson, Martin, to Wunderlich Spring Machinery Co. Knotting mechanism for coil springs. 2,759,500, 8-21-56, Cl. 140-101.
- Nelson, Maurice O., to The Farmwell Co. Inc. Portable applicator for liquid fertilizers, weed killers, and the like. 2,770,494, 11-13-56, Cl. 299-43.
- Nelson, Morris D., to Radio Corp. of America. Beam convergence system for tri-color kinescope. 2,749,473, 6-5-56, Cl. 315-13.
- Nelson, Morris D., to Radio Corp. of America. Power supply regulation. 2,751,520, 6-19-56, Cl. 315-27.
- Nelson, Morris D., to Radio Corp. of America. Automatic frequency control for deflection in television receivers. 2,754,363, 7-10-56, Cl. 178-69.5.
- Nelson, Morris E.: *See—*
- Pitt, Paul A., and Nelson. 2,746,243.
- Nelson, Noral A., to Harry Ferguson, Inc. Flexible implement connection to tractor drawbar. 2,745,330, 5-15-56, Cl. 97-47.62.
- Nelson, Noral A., and U. Landenberger, to Harry Ferguson, Inc. Row marker implement. 2,748,686, 6-5-56, Cl. 97-230.
- Nelson, Norville O. Saw-table extension. 2,748,812, 6-5-56, Cl. 143-22.
- Nelson, Orrville G. Electrical selector system. 2,759,169, 8-14-56, Cl. 340-162.
- Nelson, Oscar G., to Turco Products, Inc. Apparatus for screening liquid. 2,760,644, 8-28-56, Cl. 210-149.
- Nelson, Oscar G., to Turco Products, Inc. Measuring tape tension holder. 2,759,696, 8-21-56, Cl. 248-361.
- Nelson, Richard B., to the United States of America as represented by the Secretary of the Army. Starting apparatus for a cold cathode electron discharge device. 2,736,858, 10-26-56, Cl. 316-39.63.
- Nelson, Richard B., to General Electric Co. Electric discharge device for gas pressure determination. 2,758,233, 8-7-56, Cl. 313-7.
- Nelson, Richard B., and D. A. Wilbur, to General Electric Co. Magnetron amplifier. 2,748,250, 5-29-56, Cl. 250-36.
- Nelson, Richard C., to The Garrett Corp. Valve assembly with vibration absorbing mechanism. 2,748,789, 6-5-56, Cl. 137-80.
- Nelson, Richard T.  $\frac{1}{2}$  to M. Lundstrom and  $\frac{1}{2}$  to E. L. Bloomquist. Can holding device. 2,766,957, 10-16-56, Cl. 248-211.
- Nelson, Robert A. Dripless measuring liquid dispenser. 2,730,958, 1-17-56, Cl. 103-178.
- Nelson, Robert A., to General Electric Co. Winding arrangement using a tertiary winding. 2,770,767, 11-13-56, Cl. 323-43.5.
- Nelson, Roger R.: *See—*
- Schoeld, Edmund A., Fritzsche, and Nelson. 2,757,796.
- Nelson, Roger R., to The Fertilizer Co. Grease lubricant comprising a wide mineral oil blend and an oxidized paraffinic residuum. 2,744,872, 5-8-56, Cl. 252-49.6.
- Nelson, Seddon C.: *See—*
- Hull, Richard D., and Nelson. 2,744,373.
- Hull, Richard D., and Nelson. 2,760,620.
- Nelson Specialty Corp.: *See—*
- Nelson, Ted. 2,764,994.
- Nelson, Ted, to Nelson Specialty Corp. Pulsating tire inflating device having full time pressure adjustment. 2,764,994, 10-2-56, Cl. 139-24.5.
- Nelson, Victor A. Strap forming apparatus. 2,772,088, 11-27-56, Cl. 270-93.
- Nelson, Victor A. Automatic glue applying apparatus. 2,774,332, 12-18-56, Cl. 118-12.
- Nelson, Wilbur A.: *See—*
- Jacobs, Alan. 2,755,865.
- Nelson, Willard E. Battery terminal clamp. 2,730,691, 1-10-56, Cl. 339-239.
- Nelson, William A., to The Cleveland Trenches Co. Digging tool for excavators. 2,752,702, 7-3-56, Cl. 37-142.
- Nelson, William T., to Phillips Petroleum Co. Separation of aromatic hydrocarbons by extractive distillation with phosphorus tribromide. 2,756,691, 2-28-56, Cl. 202-39.5.
- Nelson, William T., to Phillips Petroleum Co. 2-pyrrolidone as a selective solvent for aromatic hydrocarbons. 2,737,538, 3-6-56, Cl. 260-674.



- Nelson, William T., to Phillips Petroleum Co. Selective solvent for naphthene hydrocarbon. 2,747,000, 5-22-56, Cl. 260-666.
- Nelson, William T., to Phillips Petroleum Co. N-acyl pyrrolidines as selective solvents. 2,753,381, 7-3-56, Cl. 260-666.
- Nelson, Willis N.: *See—*  
Jenson, Kenneth S., and Nelson. 2,732,891.
- Nelson, Nels. Mixing bit. 2,736,537, 2-28-56, Cl. 259-134.
- Nelson, Nels. to United States Gypsum Co. Ceiling runners and partition structure. 2,745,277, 5-15-56, Cl. 72-46.
- Nelson, Nels. to United States Gypsum Co. Access panel construction. 2,766,856, 10-16-56, Cl. 189-46.
- Nelson, Nels. to United States Gypsum Co. Suspended ceiling construction. 2,767,440, 10-23-56, Cl. 20-4.
- Nem, Emil. Universal power supply. 2,748,604, 6-5-56, Cl. 74-16.
- Nemec, Joseph W.: *See—*  
McKeever, Charles H., and Nemec. 2,770,641.
- Nemecsek, Oldrich: *See—*  
Nemecsek, Joseph, Nemecsek, and Mayer. 2,773,880.
- Nemeth, George. Equipment for laying pipe. 2,759,704, 8-21-56, Cl. 255-2.
- Nemeth, John B., to E. I. du Pont de Nemours and Co. Article of manufacture and process of making same. 2,749,943, 6-12-56, Cl. 138-55.
- Nemeth, Otto R. Finger nail polish drier. 2,734,282, 2-14-56, Cl. 34-202.
- Nemeth, Steffen P. Exercising device. 2,754,817, 7-17-56, Cl. 128-60.
- Nenadal, Andrew J. Vehicle tarpaulin support. 2,733,953, 2-7-56, Cl. 290-100.
- Neo-Ray Products, Inc.: *See—*  
Zingone, Anthony E. 2,744,716.  
Zingone, Anthony E. 2,770,438.
- Neou, In M. Mechanical integrator. 2,705,981, 10-9-56, Cl. 235-1.
- Ne Per Co.: *See—*  
Van Raden, Frederick F. 2,745,661.  
Van Raden, Harvey B. 2,733,059.  
Van Raden, Harvey B. 2,734,755.  
Van Raden, Harvey B. 2,741,391.  
Van Raden, Harvey B. 2,762,622.
- Nepera Chemical Co., Inc.: *See—*  
Anderson, Floyd E. 2,759,945.  
Aries, Robert S., and Sachs. 2,758,999.  
Broh-Kahn, Robert H., Fand, and Tenenbaum. 2,755,291.  
Brown, Ellis V. 2,766,251.  
Fand, Theodore I. 2,742,470.  
Fand, Theodore I., and Broh-Kahn. 2,750,390.  
Grail, Godfrey F. 2,742,504.  
Leonard, Frederick. 2,734,903.  
Mast, George W., and Fand. 2,730,483.  
Scudi, John V., and Anderson. 2,748,139.  
Scudi, John V., Tenenbaum, and Grail. 2,739,986.  
Tenenbaum, Leon E. 2,769,808.  
Wilbert, Godfrey. 2,750,391.
- Neptune, Charles B. Adjustable hand rest for crutch. 2,772,255, 4-10-56, Cl. 135-51.
- Neptune, Herman P. Pick-up device for pre-cast concrete slabs. 2,772,560, 12-4-56, Cl. 72-105.
- Nerad, Anthony J., R. H. Johnson, and O. Brusdal, to General Electric Co. Separator. 2,772,749, 12-4-56, Cl. 183-36.
- Nergaard, Arnold. Protective closure shell and funnel. 2,752,082, 6-26-56, Cl. 226-31.
- Nerge, Wilhelm: *See—*  
Oetjen, Georg-Wilhelm, and Nerge. 2,764,533.
- Nerheim, Arvie G., to Standard Oil Co. Head for spinning band fractionator. 2,764,534, 9-25-56, Cl. 202-153.
- Neri, Zeno: *See—*  
Marbury, Ralph E., and Neri. 2,743,395.
- Nero, Leroy W.: *See—*  
Schlesinger, Kurt, and Nero. 2,751,554.
- Nervi, Pier L. Process of manufacture of forced pipings made of precompressed concrete, and relative equipment. 2,771,655, 11-27-56, Cl. 25-30.
- Nesbit, Robert A. Formation of ceramic, etc. articles. 2,765,512, 10-9-56, Cl. 25-156.
- Nesbitt, John D.: *See—*  
Schramm, Henry W., and Nesbitt. 2,737,380.
- Nesbitt, John J., Inc.: *See—*  
McElgin, John W. 2,775,432.
- Ness, Harold J., to Metallurgical Processes Co. Protection of hot metallic bodies against oxidation. 2,749,106, 6-5-56, Cl. 263-2.
- Ness, Harold J., to Metallurgical Processes Co. Lubricant composition containing powdered lithium carbonate and method of its application to metal bodies. 2,751,312, 6-19-56, Cl. 117-53.
- Ness, Harold J., to Metallurgical Processes Co. Process and apparatus for carburizing. 2,759,863, 8-21-56, Cl. 148-165.
- Ness, Harold J., and F. A. Rusciano, to Metallurgical Processes Co. Radiantly heated controlled atmosphere furnace. 2,753,170, 7-3-56, Cl. 263-2.
- Ness, Harold J., and F. A. Rusciano, to Metallurgical Processes Co. Two stage combustion furnace. 2,763,476, 9-18-56, Cl. 263-2.
- Ness, Oliver W.: *See—*  
De Schane, Dale L., and Ness. 2,768,683.
- Ness, Robert A. Dental boss holder. 2,742,047, 4-17-56, Cl. 32-56.
- Ness, William H. C., to National Cornice Works. Reinforcement for flights in endless metal conveyors. 2,735,535, 2-21-56, Cl. 198-195.
- Ness, William H. C., and M. L. Silverstone, to National Cornice Works. Electric warmer for cooked edible. 2,738,410, 3-13-56, Cl. 219-34.
- Nesset, Maurice M., and C. R. Broman, to Baxter Laboratories, Inc. Parenteral administration of liquids. 2,770,234, 11-13-56, Cl. 128-214.
- Nesset, Maurice M., and C. R. Broman, to Baxter Laboratories, Inc. Parenteral administration of liquids. 2,770,235, 11-13-56, Cl. 128-214.
- Nessle, Irma D.: *See—*  
Nessle, Thomas E. 2,753,822.
- Nessle, Thomas E., deceased, by I. D. Nessle, executrix. Button holding attachment for a sewing machine. 2,753,822, 7-10-56, Cl. 112-114.
- Nessler, Aldo E., and J. G. Hartman, to Kraft Foods Co. Traveling rotary vat strainer. 2,774,140, 12-18-56, Cl. 31-48.
- Nesson, Israel, to M. Zaiger. Wiper blade connector. 2,756,454, 7-31-56, Cl. 15-350.
- Nessou, Ralph G., to E. I. du Pont de Nemours and Co. Valve for accurately controlling minute fluid flow at low pressures and its production. 2,749,934, 6-12-56, Cl. 137-1.
- Nestlerode, Clifford D.: *See—*  
Felt, David C., and Nestlerode. 2,731,837.
- Nestlerode, Clifford D., to Allen B. Du Mont Laboratories, Inc. Shielding means for electrical tuning devices. 2,773,989, 12-11-56, Cl. 250-40.
- Neth, Floyd T., to The Ohio State University Research Foundation. Hydrazine recovery process. 2,735,752, 2-21-56, Cl. 23-190.
- Nettel, Frederick. Apparatus for processing of air, gas, vapors or liquids. 2,769,618, 11-6-56, Cl. 257-1.
- Neubauer, Charles A. Plane. 2,734,535, 2-14-56, Cl. 145-14.
- Neubauer, Herman E., G. N. Harcourt, and J. W. Angstadt, to Blaw-Knox Co. Pressure seal construction for rotating members. 2,760,781, 8-28-56, Cl. 285-96.
- Neubauer, Joseph A., E. Strain, F. E. Kung, and W. E. Bissinger, to Columbia-Southern Chemical Corp. Preparation of benzene hexachloride. 2,765,272, 10-2-56, Cl. 204-163.
- Neudauer, Albert E. Hand rule punch for printers. 2,734,569, 2-14-56, Cl. 164-105.
- Neufeld, Leonard C., to The Delman Co. Reservoir for a windshield clearing system. 2,753,910, 7-10-56, Cl. 150-1.
- Neuffer, Karl. Roller bearings. 2,769,674, 11-6-56, Cl. 308-183.
- Neuggass, Edwin A. Panel and dial assemblies. 2,731,940, 11-6-56, Cl. 116-124.
- Neuggass, Edwin A. Knobs. 2,763,231, 9-18-56, Cl. 116-129.
- Neugebauer, Wilhelm: *See—*  
Tomanek, Martha, and Neugebauer. 2,773,767.
- Neugebauer, Wilhelm, and J. Barthenheier, to Azoplate Corp. Process for fixing lithographic diazotype printing rolls having been exposed to light. 2,739,889, 3-27-56, Cl. 95-34.
- Neugebauer, Wilhelm, and M. Tomanek, to Azoplate Corp. Photographic method and light sensitive article for making printing plates. 2,757,090, 7-31-56, Cl. 95-8.
- Neugebauer, Wilhelm, and M. Tomanek, to Azoplate Corp. Light sensitive material for photomechanical printing. 2,759,820, 8-21-56, Cl. 95-8.
- Neugebauer, Wilhelm, M. Tomanek, and T. Scherer, to Azoplate Corp. Photolithographic material and process. 2,768,077, 10-23-56, Cl. 95-6.
- Neuhaus, Friedrich W.: *See—*  
Neuhaus, Julius and F. W. 2,771,978.
- Neuhaus, Julius, and F. W. Neuhaus. Device for orienting and feeding disk-like members. 2,771,978, 11-27-56, Cl. 193-43.
- Neuhäuser, Robert G., to Radio Corp. of America. Electron tube amplifier circuit. 2,735,957, 2-21-56, Cl. 315-27.
- Neulinger, Karl H.: *See—*  
Hierholzer, Frank J., Jr., and Neulinger. 2,749,461.
- Neumair, Joseph A., to International Cigar Machinery Co. Filler feed mechanism. 2,747,580, 5-29-56, Cl. 131-21.
- Neuman, Andrew: *See—*  
Slicht, Edward H., Neuman, and Neher. 2,773,063.
- Neuman, Chaim J. Coupling for pressure lubricating devices. 2,764,769, 10-2-56, Cl. 15-105.
- Neuman, Herbert A., and S. W. Sweet, to The Foxboro Co. Magnetic drag speed measurement device. 2,731,025, 1-17-56, Cl. 137-85.
- Neumann, Albert W. Toy submarine. 2,749,658, 6-12-56, Cl. 46-92.
- Neumann, Arthur E., 1/2 to F. Seoby. Battery reclaiming furnace. 2,756,044, 7-24-56, Cl. 266-33.
- Neumann, Egon, to Loewe Opta A. G. Device for image synchronization in television equipment. 2,733,293, 1-31-56, Cl. 178-69.5.
- Neumann, Herbert F., to Cotgate-Palmolive Co. Nut means and method for processing the same. 2,742,364, 4-17-56, Cl. 99-127.
- Neumann, John W., to Rotographic, Inc. Rotary intaglio press and embossing press. 2,746,387, 5-22-56, Cl. 101-155.
- Neumann, Karl L., and C. A. Gallagher, to Radio Corp. of America. Radio transmitter with automatic drive control. 2,769,089, 10-30-56, Cl. 250-36.

- Neumann, Otto W., to American Steel Foundries. Snubbed spring group. 2,767,976, 10-23-56, Cl. 267-9.
- Neumann, Werner: *See—*
- Reuter, Walter, Neumann, and Dietrich. 2,736,755.
- Neunzig, Heinrich: *See—*
- Helling, Werner, Neunzig, Rolie, and Lattay. 2,746,849.
- Neunzig, Heinrich, to Vereinigte Aluminium-Werke Aktiengesellschaft. Method for glossing articles made of aluminum and particularly pure aluminum and its alloys. 2,756,131, 7-24-56, Cl. 41-12.
- Neuschel, John K. Tire tread construction. 2,767,759, 10-23-56, Cl. 152-211.
- Neuschotz, Robert. Lock nut composed of split sleeve threaded in an outer shell member. 2,742,938, 4-24-56, Cl. 151-19.
- Neushafer, Helen, Inc.: *See—*
- Johnson, Herman L., Jr. 2,760,500.
- Newouth, Martin B.: *See—*
- Jones, Benjamin W., and Newouth. 2,766,296.
- Newouth, Martin B., to Pittsburgh Consolidated Coal Co. Purification of low boiling tar acids. 2,734,925, 2-14-56, Cl. 260-627.
- Newouth, Martin B., to Pittsburgh Consolidated Coal Co. Catalytic cracking of high boiling tar acids. 2,746,996, 5-22-56, Cl. 260-621.
- Newouth, Martin B., to Pittsburgh Consolidated Coal Co. Separation of tar acids and tar bases. 2,766,297, 10-9-56, Cl. 260-621.
- Newouth, Martin B., to Pittsburgh Consolidated Coal Co. Separation of thiophenols and tar acids. 2,767,220, 10-16-56, Cl. 260-627.
- Nevroski, Martin M., Jr. Educational device. 2,765,544, 10-9-56, Cl. 260-621.
- Nevin, Charles S., to American Cyanamid Co. Treatment of tall oil fatty acids. 2,763,638, 9-18-56, Cl. 260-97.5.
- Nevrinecan, George, to Western Electric Co., Inc. Drill template having a circular saw for cutting holes in piece parts. 2,747,438, 5-29-56, Cl. 77-13.
- New Consolidated Gold Fields Ltd.: *See—*
- Symes, Horace E. J. 2,763,823.
- New, John C.: *See—*
- De Vost, Valmore F., Luttrell, Armstrong, Fisher, and New. 2,740,286.
- New, John C. Nondestructive testing of thin shells by differential pressure. 2,754,677, 7-17-56, Cl. 73-37.
- New Products Corp.: *See—*
- Banker, Oscar H. 2,735,807.
- Banker, Oscar H. 2,737,934.
- Banker, Oscar H. 2,742,862.
- Banker, Oscar H. 2,743,704.
- Banker, Oscar H. 2,744,509.
- Banker, Oscar H. 2,747,697.
- Banker, Oscar H. 2,748,912.
- Banker, Oscar H. 2,752,892.
- Banker, Oscar H. 2,752,903.
- Banker, Oscar H. 2,756,845.
- Banker, Oscar H. 2,757,519.
- Banker, Oscar H. 2,774,256.
- Banker, Oscar H. 2,775,105.
- Banker, Oscar H., and Hedland. 2,742,254.
- New Tools Co., Inc.: *See—*
- Stricklett, Lloyd P., and Horvath. 2,743,641.
- Newacheck, Richard L.: *See—*
- Kohl, Jerome, and Newacheck. 2,752,067.
- Newall Engineering Co., Ltd., The.: *See—*
- Hoare, Stanley W. 2,747,338.
- New Allegheny Mfg. Co.: *See—*
- Heck, John F., Jr. 2,744,815.
- Newark Brush Co.: *See—*
- Nelsen, Niels E. 2,756,452.
- Newberg, Raymond G.: *See—*
- Sparks, William J., Newberg, and Baldwin. 2,762,504.
- Wilson, Howard L., Sayko, and Newberg. 2,754,278.
- Newberry, George E. Grease fitting cleaner. 2,731,655, Cl. 1-24-56, Cl. 51-78.
- Newberry, George E. Board buffing check. 2,766,560, 10-16-56, Cl. 51-78.
- Newberry, Meigs W., to Royal McBee Corp. Tabulating mechanism for typewriter or like machines. 2,746,591, 5-22-56, Cl. 197-178.
- Newberry, Meigs W. Racing game apparatus. 2,767,986, 10-23-56, Cl. 273-86.
- Newbery, Stanley: *See—*
- Binns, John C., and Newbery. 2,765,549.
- Newhill, Carl V. High voltage by-pass switch. 2,767,282, 10-16-56, Cl. 200-118.
- Newbold, Joseph P., to Worthington Corp. Means for retaining flux on work during the process of submerged arc welding. 2,733,328, 1-31-56, Cl. 219-8.
- Newbold, William F., to Minneapolis-Honeywell Regulator Co. Electrical control apparatus. 2,762,938, 9-11-56, Cl. 307-116.
- Newbould, Henry G., to Ronald Trist & Co. Ltd. Magnetically-operated control device. 2,752,932, 7-3-56, Cl. 137-82.
- New Britain Machine Co., The.: *See—*
- Jobert, Arthur H. 2,770,819.
- Montgomery, Donald H., Pethybridge, and Lange. 2,765,916.
- Montgomery, Donald H., and Pulsifer. 2,711,181.
- Retz, William B. 2,771,296.
- Stephan, Hallis N. 2,749,806.
- Stephan, Hallis N. 2,757,579.
- Stephan, Hallis N. 2,775,130.
- Newby, Neal D., to Bell Telephone Laboratories, Inc. Magnetic scanning arrangement providing compensation for barium variation and variation of other components. 2,739,183, 3-20-56, Cl. 179-18.
- Newby, Neal D., to Bell Telephone Laboratories, Inc. Rotational use of register circuits in telephone switching systems. 2,740,003, 3-27-56, Cl. 179-18.
- New-Cole Products, Inc.: *See—*
- Harris, Donald S. 2,732,893.
- Harris, Donald S. 2,732,894.
- Newcomb, Charles E., J. R. Porter, and P. F. Darby, to Rem-Cru Titanium, Inc. Vacuum furnace batch feeding method and apparatus. 2,733,912, 2-7-56, Cl. 266-27.
- Newcomb, Charles E., J. R. Porter, P. F. Darby, and M. B. Vordahl, to Rem-Cru Titanium, Inc. Consumable electrode furnace and method of operation. 2,762,856, 9-11-56, Cl. 13-31.
- Newcomb, John P. Mechanism for and method of clinching nuts. 2,750,660, 6-19-56, Cl. 29-432.
- Newcomb, Philip P., to United Aircraft Corp. Compressor deicing and thrust balancing arrangement. 2,746,671, 5-22-56, Cl. 230-120.
- Newcomb, Philip P., to United Aircraft Corp. Lubricating and starting systems for gas turbines. 2,751,749, 6-26-56, Cl. 60-39.08.
- Newcombe, Frank A., to the United States of America as represented by the United States Atomic Energy Commission. Electrolysis apparatus. 2,773,825, 12-11-56, Cl. 204-243.
- Newcombe, Jack, and J. D. Doane, to Cities Service Research and Development Co. Secondary recovery of petroleum by water flooding. 2,748,080, 5-29-56, Cl. 252-5.55.
- Newcombe, Jack S., to The Pennsylvania Salt Mfg. Co. Pesticidal compositions and their use. 2,731,381, 6-17-56, Cl. 167-30.
- Newcomer, Jack S., to The Pennsylvania Salt Mfg. Co. Unacidified compositions and their use. 2,749,268, 6-5-56, Cl. 167-30.
- Newel, Robert E. Electrically controlled valve for gas lines and the like. 2,734,563, 2-14-56, Cl. 158-129.
- Newell, Carl W. Leader holder. 2,730,833, 1-17-56, Cl. 43-57.5.
- Newell, Frederick T., to Dresser Industries, Inc. Coupling for threadless pipe with independent sealing and gripping means. 2,758,852, 8-14-56, Cl. 285-343.
- Newell, Frederick T., and R. E. Risley, to Dresser Industries, Inc. Sleeve type pipe coupling with flimble restrained locking ring. 2,756,111, 7-17-56, Cl. 285-342.
- Newell, George C., Jr.: *See—*
- Chace, Richard A., and Newell. 2,744,501.
- Newell, George K., to Westinghouse Air Brake Co. Abrasive brake shoe. 2,743,340, 4-10-56, Cl. 188-256.
- Newell, George K., to Westinghouse Air Brake Co. Brake lining with wire reinforcement. 2,747,701, 5-29-56, Cl. 188-251.
- Newell, George S., Jr.: *See—*
- Dicke, Robert H., and Newell. 2,749,443.
- Newell, Isaac L., to United Aircraft Corp. Polyester-polyisocyanate resins reinforced with fibers containing carbonamide groups. 2,763,624, 9-18-56, Cl. 260-2.5.
- Newell, James L. Disposable broiler pans. 2,772,627, 12-4-56, Cl. 99-425.
- Newell, Kenneth F.: *See—*
- Cornock, Edward F., and Newell. 2,751,104.
- Cornock, Edward F., and Newell. 2,760,317.
- Newell, Kenneth F., to Continental Can Co., Inc. Container top opening and clamping mechanism. 2,750,090, 6-12-56, Cl. 226-59.
- Newell, Mary P. Match box dispenser. 2,752,034, 6-26-56, Cl. 206-31.
- Newell, Robert E. Automatic gas safety cut-offs of the thermocouple type. 2,745,483, 5-15-56, Cl. 158-129.
- Newell, Robert E., Jr. Dispensers of the squeeze bottle type. 2,752,199, 6-26-56, Cl. 299-90.
- Newell, William H. Welding cable coupling or connection. 2,761,892, 9-4-56, Cl. 174-92.
- Newell, Theodore W. Oil spraying valve. 2,757,969, 8-7-56, Cl. 299-144.
- Newell, Thomas A.: *See—*
- Jones, Earl F., and Newell. 2,755,027.
- Newell, William H., to Ford Instrument Co., Inc. Motion-reproducing device. 2,739,447, 3-27-56, Cl. 60-53.
- Newell, William H., to Sperry Rand Corp. Navigation course computer. 2,748,485, 6-3-56, Cl. 33-1.
- Newell, William H., to Sperry Rand Corp. Variable speed hydraulic transmission. 2,763,988, 9-25-56, Cl. 60-53.
- Newell, William H., and L. S. Brown, to Sperry Rand Corp. Hydraulic power drive for gun mount. 2,766,587, 10-16-56, Cl. 60-53.
- New England Bedding Co.: *See—*
- Mintz, Henry. 2,774,977.
- New England Helicopter Service, Inc.: *See—*
- Plympton, Leon W., Jr., and Jones. 2,740,108.
- New England Lead Burning Corp.: *See—*
- Weiss, Earl E. 2,773,690.
- New England Trailer and Body Mfg. Co.: *See—*
- Lynch, Joseph F. 2,750,764.
- New Era Enterprises, Inc.: *See—*
- Jackson, Lee M. 2,737,188.
- New Era Letter Co., Inc.: *See—*
- Miller, Samuel R. 2,768,780.
- Newey Brothers Ltd.: *See—*
- Whysall, William A. 2,764,167.



- Newhall, Milton E. Thermocouple mounting for lead bath. 2,764,402, 9-25-56, Cl. 266-1.
- New Haven Board & Carton Co. The: *See*—  
Toensmeier, Patrick A. 2,737,326.
- New Haven Pulp and Board Co. The: *See*—  
Fink, Raymond E. 2,747,785.
- New Hermes Engraving Machine Corp.: *See*—  
Gruettner, Gerhard G. 2,729,892.
- New Hermes Ring Engraving Corp.: *See*—  
Gruettner, Gerhard G. 2,749,617.
- Newhouse, John S. Ball cock. 2,731,031, 1-17-56, Cl. 137-444.
- Newirth, Raymond, to Houdry Process Corp. Elutriation system. 2,729,930, 1-3-56, Cl. 209-135.
- New Jersey Machine Corp.: *See*—  
Von Hofe, George W. 2,758,890.  
Von Hofe, George W., and Wolff. 2,733,920.  
Von Hofe, George W., and Wolff. 2,769,561.
- Newkirk, Clarence E. Agricultural tool for tractors. 2,759,110, 8-21-56, Cl. 55-31.
- Newland, Dietz. Machine for making an edible product. 2,747,522, 5-29-56, Cl. 107-1.
- Newlin, George E. Oil well washing device. 2,762,441, 9-11-56, Cl. 166-186.
- Newlin, Monty G. Toothbrush. 2,763,020, 9-18-56, Cl. 15-184.
- Newling, William B. S.: *See*—  
Marsh, John D. F., and Newling. 2,743,153.
- Newman, Arthur L.: *See*—  
Kirkpatrick, William D., and Newman. 2,737,987.
- Newman, Bear. Lamp structures. 2,767,308, 10-16-56, Cl. 240-81.
- Newman, Douglas A., to Columbia Ribbon and Carbon Mfg. Co., Inc. Pressure sensitive transfer sheet and method of making same. 2,729,575, 1-3-56, Cl. 117-86.
- Newman, Douglas A., to Columbia Ribbon and Carbon Mfg. Co., Inc. Pressure sensitive hectograph transfer element. 2,762,715, 9-11-56, Cl. 117-86.
- Newman, Edward A., to National Research Development Corp. Electronic pulse output circuits. 2,732,440, 1-24-56, Cl. 179-171.
- Newman, Edward A., and D. O. Clayden, to National Research Development Corp. Thermionic valve feeding circuit for piezoelectric transducer. 2,740,906, 4-3-56, Cl. 310-8.1.
- Newman, Edward A., and D. O. Clayden, to National Research Development Corp. Electrical control systems. 2,749,496, 6-5-56, Cl. 318-314.
- Newman, Edward A., and D. O. Clayden, to National Research Development Corp. Circuits for ultrasonic delay lines. 2,750,499, 6-12-56, Cl. 250-27.
- Newman, Frederick H., Jr., to Supurdisplay Inc. Liquid dispensing mechanisms. 2,773,218, 12-4-56, Cl. 317-123.
- Newman, Frederick W.: *See*—  
Reuel, Louis, and Newman. 2,772,408.
- Newman, Hillis C. Farrowing stall. 2,764,127, 9-25-56, Cl. 119-20.
- Newman, John G.: *See*—  
Sparkes, Harry P., Ayers, and Newman. 2,765,526.
- Newman, John M., to Cudler-Hammer, Inc. Control systems for hoists and the like. 2,769,127, 10-30-56, Cl. 318-272.
- Newman, John P. Rotary impact wrench with overload release means. 2,733,621, 2-7-56, Cl. 81-52.3.
- Newman, Kenneth W., to Turco Products, Inc. Process of etching aluminum. 2,739,853, 2-27-56, Cl. 41-42.
- Newman, Kenneth W., to Turco Products, Inc. Method of etching of aluminum and its alloys. 2,762,694, 9-11-56, Cl. 41-43.
- Newman, Lee L.: *See*—  
Schultheis, Henry E. 2,766,722.
- Newman, Leonard C. Thermally controlled gas mixer. 2,737,965, 3-13-56, Cl. 137-90.
- Newman, Louis B. Hydrotherapy tank with inflatable limb-receiving cuff. 2,730,104, 1-10-56, Cl. 128-370.
- Newman, Louis B. Apparatus for testing muscles. 2,763,936, 9-25-56, Cl. 93-174.
- Newman Machine Co., Inc.: *See*—  
Stockard, Ben B., Jr. 2,754,631.
- Newman, Melvin S., and S. Swaminathan, to The Ohio State University Research Foundation. Stereoisomers of cyanooctahydronaphthalenes. 2,759,012, 8-14-56, Cl. 260-464.
- Newman, Melvin S., and S. Swaminathan, to The Ohio State University Research Foundation. Steroid intermediates. 2,759,013, 8-14-56, Cl. 260-464.
- Newman, Odus O., to ACF Industries, Inc. Pump check valve retainer. 2,756,683, 7-31-56, Cl. 103-205.
- Newman, Richard J. Calendar. 2,751,746, 1-24-56, Cl. 40-122.
- Newman, Robert J., and D. S. Friend, to D. Trapow & Co., Ltd. Label feeding and gumming apparatus. 2,746,422, 5-22-56, Cl. 118-236.
- Newman, Robert W., to General Electric Co. Electron discharge device, cathode and method of making same. 2,744,838, 5-8-56, Cl. 117-217.
- Newman, Roger: *See*—  
Badger, Richard M., and Newman. 2,730,004.
- Newman, Stanley H. Compressed gas-fuelled cigarette lighters. 2,743,597, 5-1-56, Cl. 67-7.1.
- Newman, Stanley H., and H. E. Vermillion, to The Texas Co. Supplementary fuel mixture for cold starting diesel engines. 2,774,656, 12-18-56, Cl. 44-53.
- Newman, Thomas P.: *See*—  
Zinkil, Roy H., Newman, and Novak. 2,766,461.
- Newman, Victor M. Necktie sewing system. 2,754,781, 7-17-56, Cl. 112-174.
- Newman, William K.: *See*—  
Aust, Robert J., and Newman. 2,758,166.
- Newmark, Harold L., to The Vitaine Co., Inc. Compositions containing folia a. 2,759,870, 8-21-56, Cl. 167-81.
- Newmaster, Walter H., and H. B. de Buhr, to Deere Mfg. Co. Needle brake for agricultural balers. 2,766,684, 10-16-56, Cl. 100-19.
- New Monarch Machine and Stamping Co.: *See*—  
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- Newmont Mining Corp.: *See*—  
Brant, Arthur A. 2,769,956.  
Wait, James R. 2,735,980.
- Wait, James R., and Brant. 2,731,596.
- Walt, James R., Seigel, Collett, Bell, and Brant. 2,766,421.
- Newport Industries, Inc.: *See*—  
Bordenca, Carl, and Sellers. 2,736,740.  
Leonard, Reid H. 2,761,869.
- Newport News Shipbuilding and Dry Dock Co.: *See*—  
Jones, Samuel O. 2,764,669.
- Newsom, Earl G., to General Precision Laboratory Inc. Wave analyzer. 2,753,524, 7-3-56, Cl. 324-77.
- Newsom, Henry W., to the United States of America as represented by the United States Atomic Energy Commission. Apparatus for the bombardment of samples with fast neutrons. 2,743,226, 4-24-56, Cl. 204-193.
- Newsom, Paul M. Cutting tool grinder. 2,733,553, 2-7-56, Cl. 51-111.
- Newsom, Robert L., to North American Aviation, Inc. Rivet adapted to secure two sheets in spaced relationship. 2,767,877, 10-23-56, Cl. 218-29.
- Newsome, Philip T.: *See*—  
Sweet, Sterling S., Van Horn, and Newsome. 2,743,250.
- Newsom, Henry W.: *See*—  
Borst, Lyle B., and Newsom. 2,741,592.
- Newsome, Harry N., to Automatic Electric Laboratories, Inc. Automatic toll ticketing telephone system. 2,775,648, 12-25-56, Cl. 179-18.
- Newton, Alwin B., to Acme Industries, Inc. Heat pump system. 2,739,458, 3-27-56, Cl. 62-115.
- Newton, Alwin B., to The Coleman Co., Inc. Compressor unload apparatus. 2,761,919, 9-4-56, Cl. 230-31.
- Newton, Alwin B., to Acme Industries, Inc. Refrigeration circulation and method of oil return. 2,763,995, 9-25-56, Cl. 62-8.
- Newton, Catherine H.: *See*—  
Brandon, Clarence W. 2,732,687.
- Newton, C. G., Jr., and M. D. Perkins, Jr., to United Shoe Machinery Corp. Shoe bottoming. 2,760,215, 8-28-56, Cl. 12-142.
- Newton, Courtland G., and D. Rousey, to Kritzer Radiant Coils, Inc. Baseboard radiators. 2,731,903, 1-24-56, Cl. 98-40.
- Newton, Edward A. Stabilizing system for the reduction of swaying of a road vehicle. 2,759,741, 8-21-56, Cl. 280-112.
- Newton, Harry A. Nursing bottle. 2,745,568, 5-15-56, Cl. 215-11.
- Newton, J. B. Fountain comb. 2,775,251, 12-25-56, Cl. 13-16.
- Newton, Raymond A.: *See*—  
Hartley, Lloyd S., and Newton. 2,763,233.
- Newton, Robert, to Universal Folding Box Co., Inc. Bottle carrier. 2,733,832, 2-7-56, Cl. 220-113.
- Newton, Roger H., to Badger Mfg. Co. Separation of gaseous mixtures by fractionation. 2,744,394, 5-8-56, Cl. 62-175.5.
- Newton, Stanley E. Fusible motion arrestor. 2,732,920, 1-31-56, Cl. 189-45.
- New York Air Brake Co. The: *See*—  
Bahniuk, Eugene. 2,744,467.  
Bahniuk, Eugene. 2,749,845.  
Elsworth, John V. 2,738,235.  
Huber, Howard E., and Toper. 2,762,305.  
Rosen, Oscar E. 2,738,774.  
Ross, Ralph C., and Safford. 2,729,515.  
Safford, Lewis A. 2,729,225.  
Safford, Lewis A. 2,734,783.  
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- New York Central Railroad Co. The: *See*—  
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- New York Merchandise Co., Inc.: *See*—  
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- New York Quinine and Chemical Works Inc.: *See*—  
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- New York Shipbuilding Corp.: *See*—  
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- New York Silicate Book Slate Co., Inc.: *See*—  
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- Ney, William O., Jr., and M. C. Crowther, to Arnold, Hoffman & Co., Inc. Polymerization of pyrrolidone and piperidone. 2,739,959, 3-27-56, Cl. 260-78.
- Neyfeldt, Albert V.: *See*—  
Lippert, Erhard M., Schultz, and Neyfeldt. 2,731,206.
- Neyra, Charles S. Ladder support. 2,746,628, 5-22-56, Cl. 214-450.
- Neyeses, Michael J. Dispensers. 2,751,113, 6-19-56, Cl. 221-226.
- Niagara Blower Co.: *See*—  
King, De Witt L., and Stutz. 2,745,171.
- Niagara Machine & Tool Works: *See*—  
Munschauer, Frederick E. 2,771,790.

- Nibbe, George H., to the United States of America as represented by the Secretary of the Navy. Sawtooth generator. 7-755,382, 7-755,383, 7-755,384, 7-755,385, 7-755,386.
- Niblick, Walter P. Pendant vibratory display device. 2,769,264, 11-6-56, Cl. 40-139.
- Nicely, Clive E.: *See*—
- Mathews, Thomas O., and Nicely. 2,757,415.
- Nicholaisen, Bernard H., to Olin Mathieson Chemical Corp. Recovery of aniline entrainer in dehydration of hydrazine by azeotropic distillation. 2,773,815, 12-11-56, Cl. 202-42.
- Nicholas, James H., to G. & W. Electric Specialty Co. High voltage electric terminator. 2,746,897, 5-15-56, Cl. 174-73.
- Nicholas, James H., to G. & W. Electric Specialty Co. High voltage electric terminator. 2,748,184, 5-29-56, Cl. 174-19.
- Nicholdes, Emmanuel C.: *See*—
- Osserman, Stanley, and Nicholdes. 2,764,640.
- Nicholl, Jonathan F., to Chicopee Mfg. Corp. Puffed fabrics. 2,757,436, 8-7-56, Cl. 28-78.
- Nichols, Alva G.: *See*—
- Wigington, Everett E., and Nichols. 2,731,829.
- Nichols, Ann R.: *See*—
- Nichols, Nick M. and A. R. 2,740,126.
- Nichols, Anthony, to Cellulastic Corp. Apparatus for plastic extrusion tube coiler. 2,732,870, 1-31-56, Cl. 150-0.5.
- Nichols, Charles A., and C. L. Clevenger, to General Motors Corp. Apparatus for forming metal parts. 2,747,645, 5-29-56, Cl. 153-78.
- Nichols, Charles A., G. L. Weiser, and R. W. Ewald, to General Motors Corp. Gap rolling method. 2,766,645, 10-16-56, Cl. 80-60.
- Nichols, Charles A., G. L. Weiser, and R. W. Ewald, to General Motors Corp. Metal working apparatus. 2,773,404, 12-11-56, Cl. 80-36.
- Nichols, Charles F.: *See*—
- Markwood, Paul W., Rich, Lingerfelt, and Nichols. 2,751,161.
- Nichols, Charles F., and F. H. Jackson, to the United States of America as represented by the Secretary of the Navy. RC circuit tester. 2,743,418, 4-24-56, Cl. 324-68.
- Nichols, Charles W., to McDowell Co., Inc. Lightweight aggregates and method of making same from clay residues. 2,729,570, 1-3-56, Cl. 106-40.
- Nichols, Dean P.: *See*—
- Barclay, Harry A., and Nichols. 2,771,140.
- Nichols, Earl W. Signal attachment. 2,772,407, 11-27-56, Cl. 340-213.
- Nichols, Edgar B. Tracheal devices. 2,765,792, 10-9-56, Cl. 128-351.
- Nichols Engineering and Research Corp.: *See*—
- Freeman, Horace, and Broadway. 2,757,581.
- Freeman, Horace and Broadway. 2,757,582.
- Nichols, George L., and Nichols. 2,740,250.
- Nichols, Gordon E., to Winthrop-Atkins Co., Inc. Two-ply display mounts for calendar pads or the like. 2,750,698, 6-19-56, Cl. 40-120.
- Nichols, Gordon E., to Winthrop-Atkins Co., Inc. Calendar mount with pocket. 2,755,582, 7-24-56, Cl. 40-122.
- Nichols, Grigsby. Portable multi-purpose desk. 2,755,156, 7-17-56, Cl. 312-314.
- Nichols, Harry J., to International Business Machines Corp. Electrical pulse transmitter. 2,755,460, 7-17-56, Cl. 340-359.
- Nichols, Joseph, T. L. Reissmann, and W. E. Collins, to Ethicon, Inc. Silk sutures and ligatures. 2,734,506, 2-14-56, Cl. 128-335.5.
- Nichols, Joseph, T. L. Reissmann, and W. E. Collins, to Ethicon, Inc. Cotton sutures and ligatures. 2,734,507, 2-14-56, Cl. 128-335.5.
- Nichols, Nick M., and A. R. Western bow tie. 2,740,126, 4-3-56, Cl. 2-151.
- Nichols, Proctor W.: *See*—
- Whittingham, John C., and Nichols. 2,732,149.
- Nichols, Robert G.: *See*—
- Reeves, Arthur E. 2,740,061.
- Nichols, Vernon R., to Borg-Warner Corp. Protective coating and method of applying same to metal parts. 2,760,891, 8-28-56, Cl. 148-6.21.
- Nichols, William M., to Alco Products Inc. Fuel pumping system. 2,729,145, 1-13-56, Cl. 108-41.
- Nichols, William M., to Alco Products, Inc. Fuel control system. 2,729,205, 1-3-56, Cl. 123-120.
- Nichols, William M., to Alco Products, Inc. Pistons. 2,772,933, 12-1-56, Cl. 309-9.
- Nichols Wire & Aluminum Co.: *See*—
- Fey, Mathias J., and Ray. 2,749,584.
- Nicholson, Albright M.: *See*—
- Elliot, Stanley B., and Nicholson. 2,756,233.
- Nicholson, Albright M., and S. B. Elliott, to Ferro Corp. Solubilized 8-hydroxyquinoline and method of producing same. 2,770,626, 11-15-56, Cl. 360-9.
- Nicholson, Andrew, and C. F. Wilkinson, to Parker Rust Proof Co. Method of simultaneously phosphating and cleaning metal surfaces and composition therefor. 2,744,555, 5-8-56, Cl. 148-6.15.
- Nicholson, Daniel E., and R. H. Perry, Jr., to Esso Research and Engineering Co. Isomerization of xylenes. 2,775,628, 12-25-56, Cl. 260-668.
- Nicholson, Donald M., and R. Wang, to Nicholson Mfg. Inc. Electric branding iron. 2,740,878, 4-3-56, Cl. 219-30.
- Nicholson, Edward W. S.: *See*—
- Fritz, Robert J., Moser, Nicolai, Nicholson, and Rex. 2,760,911.
- Fritz, Robert J., Moser, Jr., Nicolai, and Nicholson. 2,760,910.
- Jacks, Robert L., Moise, and Nicholson. 2,771,493.
- Nicholson, Edward W. S., to Esso Research and Engineering Co. Stirred separation and stabilization of oil conversion products and apparatus therefor. 2,737,479, 3-6-56, Cl. 196-55.
- Nicholson, Edward W. S., to Esso Research and Engineering Co. Hydroforming process. 2,772,217, 11-27-56, Cl. 196-50.
- Nicholson, Edward W. S., and S. B. Sweetser, to Esso Research and Engineering Co. Cracking of reduced crude with the use of inert and catalyst particles. 2,742,403, 4-17-56, Cl. 196-59.
- Nicholson, Edward W. S., and F. R. Russell, to Esso Research and Engineering Co. Conversion of hydrocarbons. 2,773,811, 12-11-56, Cl. 196-55.
- Nicholson, James F., and D. J. Ransom, to Radio Corp. of America. Anoscope mask and dust seal. 2,750,587, 6-12-56, Cl. 340-367.
- Nicholson, John H., to Sunbelt Growers, Inc. Conveyor aligning mechanism. 2,751,067, 6-19-56, Cl. 198-202.
- Nicholson, Kenneth C., to The Carborundum Co. Refractory abr. body and method of making same. 2,731,359, 1-17-56, Cl. 117-16.
- Nicholson, Kenneth C., to The Carborundum Co. Zirconium boride body impregnated with molybdenum silicide and method of making same. 2,766,141, 10-9-56, Cl. 117-123.
- Nicholson Mfg., Inc.: *See*—
- Nicholson, Donald M., and Wang. 2,740,878.
- Nicholson, Robert T.: *See*—
- Rorrig, Kurt J., and Nicholson. 2,740,785.
- Nicholson, Samuel S., and J. F. Smith, to American Can Co. Portable light attachable to freight cars. 2,743,353, 4-24-56, Cl. 240-52.15.
- Nicholson, Walter E., Jr. Paper core repairing tool. 2,737,586, 3-13-56, Cl. 81-15.
- Nichols, John, to The Warner & Swasey Co. Stock stop for machine tool. 2,730,229, 1-10-56, Cl. 203-35.
- Nichols, John J., to The Warner & Swasey Co. Machine tool. 2,750,025, 6-12-56, Cl. 203-85.
- Nicita, Charles A.: *See*—
- McWilliams, Charles W., and Nicita. 2,765,435.
- Nickel, Bernhard, and E. Hühl. Barrel lock. 2,772,556, 12-4-56, Cl. 70-358.
- Nickel Cadmium Battery Corp.: *See*—
- Fleischer, Arthur. 2,771,499.
- Nickell, Louis G.: *See*—
- Routien, John B., and Nickell. 2,747,334.
- Nickerson, Clifford A.: *See*—
- Keith, Clyde R., and Nickerson. 2,761,899.
- Nickerson, Elmer L., and E. Harris. Pipe wrench having a pivotable and longitudinally movable inner jaw. 2,731,868, 1-24-56, Cl. 81-92.
- Nickerson, Ford L. Litter removing apparatus. 2,751,061, 6-19-56, Cl. 198-79.
- Nickerson, Franklin G., Jr., to American Sisalkraft Corp. Manufacture of laminated material. 2,736,679, 2-28-56, Cl. 154-138.
- Nickerson, Ralph F., to Monsanto Chemical Co. Process of precipitating anionic substances and precipitated compositions. 2,737,500, 3-6-56, Cl. 252-313.
- Nickerson, Walter J., and J. R. Merkel, to Rutgers Research and Endowment Foundation. Photoreduction of reducible materials. 2,734,027, 2-7-56, Cl. 204-157.
- Nickey Brothers, Inc.: *See*—
- Wallace, Lewis C., Sproull, and Kenaga. 2,739,086.
- Nickey, William M. Mouse trap. 2,736,985, 3-6-56, Cl. 49-8.
- Nickles, Thomas M.: *See*—
- Johnson, Alfred L., Jr. 2,754,525.
- Nickolay, Edward W. Water heater. 2,735,925, 2-21-56, Cl. 219-43.
- Nicks, Milton K. Keg tapping device. 2,757,682, 8-7-56, Cl. 337-219.
- Nidas, Walter: *See*—
- Beckadolph, Richard, and Nidas. 2,743,760.
- Beckadolph, Richard, and Nidas. 2,770,977.
- Niclaus, William L., to Wilpet Tool & Mfg. Co. Indicating device. 2,770,209, 11-13-56, Cl. 116-138.
- Nicol & Andrew Ltd.: *See*—
- Andrew, John H. C. 2,750,717.
- Nicol, Kenneth, and J. C. Mansfield, to Hayward-Tyler & Co. Ltd. Pump-motor combinations. 2,768,584, 10-30-56, Cl. 103-87.
- Nicolai, Lloyd A.: *See*—
- Fritz, Robert J., Moser, Nicolai, and Nicholson. 2,760,910.
- Fritz, Robert J., Moser, Nicolai, Nicholson, and Rex. 2,760,911.
- Fritz, Robert J., and Nicolai. 2,765,263.
- Martin, Homer Z., Nicolai, and Swab. 2,763,597.
- Nicolai, Lloyd A., to Esso Research and Engineering Co. Fluid hydroforming process. 2,758,959, 8-14-56, Cl. 196-50.
- Nicolaisen, Bernard H.: *See*—
- Jenney, Theodore M., and Nicolaisen. 2,748,174.
- Nicolaisen, Bernard H., to Olin Mathieson Chemical Corp. Photochemical production of benzene hexachloride. 2,731,409, 1-17-56, Cl. 204-163.



- Nicolaissen, Bernard H., to Olin Mathieson Chemical Corp. Production of finely divided benzene hexachloride. 2,740,818, 4-2-56, Cl. 260—645.
- Nicolaissen, Bernard H., to Olin Mathieson Chemical Corp. Production of benzene hexachloride. 2,744,862, 5-8-56, Cl. 204—163.
- Nicolaissen, Bernard H., to Olin Mathieson Chemical Corp. Process for the recovery of 2,4,5-trichlorophenol. 2,755,307, 7-1-56, Cl. 262—623.
- Nicolaissen, Bernard H., to Olin Mathieson Chemical Corp. Extraction of aniline from hydrazine in the dehydration of hydrazine by azeotropic distillation. 2,773,813, 12-11-56, Cl. 202—42.
- Nicolaissen, Bernard H., to Olin Mathieson Chemical Corp. Dehydration of hydrazine by azeotropic distillation with aniline. 2,773,814, 12-11-56, Cl. 202—42.
- Nicolaus, Frank G., to R. T. Moloney. Dual-motion advancing and resetting mechanism for relays. 2,751,461, 6-19-56, Cl. 200—105.
- Nicolaus, Friedrich: *See*—
- Nicolaus, Friedrich, and Nicolaus. 2,751,157.
- Nicoll, Frank S., Jr. Removable sash window unit. 2,772,449, 12-4-56, Cl. 20—52.2.
- Nicoll, Frederick H.: *See*—
- Nicoll, Frederick H., and Nicoll. 2,768,310.
- Nicolls, Wilfrid E. W.: *See*—
- Nicolls, William A., Chapman, and Nicolls. 2,773,563.
- Nicolls, Wilfrid E. W., to C. A. V. Limited. Pneumatic governors for liquid-fuel injection pumps. 2,752,906, 7-3-56, Cl. 123—140.
- Nicolls, Wilfrid E. W., to C. A. V. Ltd. Starting mechanism for internal combustion engines. 2,767,808, 10-23-56, Cl. 185—39.
- Nicolosi, Robert V.: *See*—
- Nicolosi, Robert V., Jacques, Elison, and Nicolosi. 2,741,943.
- Nicolson, Alexander M., deceased, by G. N. Thornton, and B. M. Nicolson, executors. Infrared image detecting system. 2,742,578, 4-17-56, Cl. 250—83.3.
- Nicolson, Bernice M.: *See*—
- Nicolson, Alexander M. 2,742,578.
- Niconchuk, Alec W.: *See*—
- Niconchuk, Alec W., and Niconchuk. 2,747,506.
- Niederhauser, Donald O., to E. I. du Pont de Nemours and Co. Polyacrylonitrile solutions containing gelation inhibitors. 2,748,097, 5-29-56, Cl. 260—30.2.
- Niebauer, Kenneth L.: *See*—
- Niebauer, Kenneth L., and Niebauer. 2,739,207.
- Niebauer, Kenneth L., to Westinghouse Electric Corp. Automatic reclosing circuit breaker. 2,733,384, 1-31-56, Cl. 317—22.
- Nieburgs, Herbert E. Exploratory device for cell specimens. 2,767,703, 10-23-56, Cl. 128—2.
- Niederer, Herbert O.: *See*—
- Niederer, Otto C., and O., and H. O. Niederer. 2,751,717.
- Niederer, Otto C.: *See*—
- Niederer, Otto C., and O., and H. O. Niederer. 2,751,717.
- Niederer, Otto C., O. Niederer, and H. O. Niederer. Egg cleaning equipment. 2,751,717, 6-26-56, Cl. 51—16.
- Niederhauser, Homer. Mechanical chair. 2,738,000, 3-13-56, Cl. 155—116.
- Niederhauser, Jakob, to Aktiengesellschaft Brown, Boveri & Cie. Marine propulsion plant. 2,742,798, 4-24-56, Cl. 7-1, 265.
- Niederhauser, Warren D.: *See*—
- Niederhauser, Warren D., to Rohm & Haas Co. Iodine dissolved in aqueous solutions of maleic anhydride-vinyl ether copolymers. 2,752,281, 6-26-56, Cl. 167—17.
- Niederhauser, Warren D., to Rohm & Haas Co. Surface active polyacrylates. 2,765,324, 10-2-56, Cl. 260—404.5.
- Niederhauser, Warren D., to Rohm & Haas Co. Surface active polyamides. 2,765,325, 10-2-56, Cl. 260—404.5.
- Niederhauser, Warren D., and E. J. Smolkowski, to Rohm & Haas Co. Surface active polyethoxy ether esters of bis (chlorophenyl) acetic acid. 2,752,384, 6-26-56, Cl. 260—469.
- Niederman, Bernard, to Motorola, Inc. Method of constructing an electrical filter. 2,738,466, 3-13-56, Cl. 333—70.
- Niedermeyer, William P.: *See*—
- Niedermeyer, William P., and W. P. Garment hangers. 2,757,836, 8-7-56, Cl. 223—94.
- Niedermeyer, William P.: *See*—
- Niedermeyer, John W., and W. P. 2,757,836.
- Niedhammer, Edwin J., Jr., and W. C. Smith, to General Electric Co. Power actuator for doors. 2,757,554, 8-7-56, Cl. 74—520.
- Nieding, Arthur D. Ship turbulator. 2,754,791, 7-17-56, Cl. 114—67.
- Niehaus, Edward J., Jr., to Esso Research and Engineering Co. Air sweetening process. 2,729,592, 1-3-56, Cl. 19—2.
- Niehouse, Oliver L.: *See*—
- Niehouse, Oliver L., and Niehouse. 2,772,180.
- Nielski, Felix J., to Scully-Jones and Co. Straightening press. 2,765,836, 10-9-56, Cl. 153—48.
- Nielsen, A. C., Co.: *See*—
- Krahulec, Fred, Rahmel, and Freeman. 2,755,162.
- Mueller, Andrew A. 2,758,223.
- Rahmel, Henry A. 2,753,161.
- Rahmel, Henry A. 2,755,163.
- Nielsen, Axel, to ACF Industries, Inc. Clamping device for fuel pump tester. 2,771,769, 11-27-56, Cl. 73—40.
- Nielsen, Axel L. Sump pump control. 2,730,591, 1-10-56, Cl. 200—84.
- Nielsen, Carl C. Vehicle parking device. 2,765,932, 10-9-56, Cl. 214—16.1.
- Nielsen, Edwin A., and C. C. Hill, to Ford Motor Co. Air expansion refrigeration system. 2,729,073, 1-3-56, Cl. 62—136.
- Nielsen, Einar. Cranberry stripping machine. 2,732,677, 1-31-56, Cl. 56—330.
- Nielsen, Eugene. Feeding ration product. 2,760,866, 8-28-56, Cl. 99—2.
- Nielsen, Fred C.: *See*—
- Nielsen, Fred C., William E., and Nielsen. 2,747,416.
- Nielsen, Friedrich. Gating system for casting metals. 2,735,147, 2-21-56, Cl. 22—134.
- Nielsen, Friedrich. Metal casting system. 2,763,905, 9-25-56, Cl. 22—134.
- Nielsen, George, Jr.: *See*—
- Nielsen, George, Jr., and Nielsen. 2,771,517.
- Nielsen, Hans L. Plastic irrigation tubing outlet. 2,746,774, 5-22-56, Cl. 285—38.
- Nielsen, Harold R.: *See*—
- Mahr, Julius A. 2,730,372.
- Nielsen, Harold R. Portable folding table with lock means. 2,766,089, 10-9-56, Cl. 311—104.
- Nielsen, Herman. Simulated-log fireplace heater. 2,762,362, 9-11-56, Cl. 126—92.
- Nielsen, Jorgen T.: *See*—
- Clauson-Kaas, Niels K. F. W., Elming, and Nielsen. 2,730,732, 1-1-56, Cl. 10—153.
- Nielsen, Moritz H., to Illinois Tool Works. Assembly machine and method. 2,729,833, 1-10-56, Cl. 10—72.
- Nielsen, Moritz H., to Illinois Tool Works. Method of and apparatus for assembling nut and washer elements. 2,730,732, 1-1-56, Cl. 10—153.
- Nielsen, Moritz H., to Illinois Tool Works. Washer feed means for assembly machine. 2,774,084, 12-18-56, Cl. 10—169.
- Nielsen, Morris L., and J. S. Dunn, to Monsanto Chemical Co. Process of producing silicon sulfide. 2,766,103, 10-9-56, Cl. 23—206.
- Nielsen, Morris L., and L. K. Duncan, to Monsanto Chemical Co. Chemical process for recovering niobium values from niobiferous ferrophosphorus. 2,773,737, 12-11-56, Cl. 23—16.
- Nielsen, Niels E., to Newark Brush Co. Wing type brush. 2,756,452, 7-31-56, Cl. 15—179.
- Nielsen, Sigurd, to F. L. Smith & Co. Conveying apparatus. 2,743,006, 4-24-56, Cl. 198—218.
- Nielsen, Sigurd, to F. L. Smith & Co. Conveying apparatus. 2,743,007, 4-24-56, Cl. 198—218.
- Nielsen, Sydney C., to S. J. Blundell. Collapsible packing case and connecting fittings therefor. 2,766,495, 10-16-56, Cl. 20—92.
- Nielsen, Willie M. Venetian blind slat cleaning device. 2,761,164, 9-4-56, Cl. 15—210.
- Nielson, Harold R.: *See*—
- Mahr, Julius A. 2,739,861.
- Nielson, Jack. Portable chain saw filing and gauging device. 2,762,241, 9-11-56, Cl. 76—31.
- Nielsson, Francis T., to Tennessee Valley Authority. Ammoniation of superphosphate. 2,729,554, 1-3-56, Cl. 71—13.
- Nielsson, Francis T., to Tennessee Valley Authority. Production of carbonated nitric phosphate fertilizer. 2,738,265, 3-13-56, Cl. 71—39.
- Nielsson, Francis T., to Tennessee Valley Authority. Apparatus for ammoniation of superphosphate. 2,741,545, 4-10-56, Cl. 23—259.1.
- Niemann, Henry W., and G. O. Maish, to Bethlehem Steel Co. Inspection device for moving strip. 2,739,503, 3-27-56, Cl. 88—14.
- Niemann, Carl G.: *See*—
- Miegel, Ralph E., Niemann, and Sauer. 2,733,233.
- Niemann, Walter A., to M. F. Dunne. Child's auxiliary toilet seat. 2,738,518, 3-20-56, Cl. 4—239.
- Niemeier, Edward J. Easy load boat trailer. 2,765,942, 10-9-56, Cl. 214—506.
- Nienhuis, Kornelis, to Hartford National Bank and Trust Co., as trustee. Hydrogen-filled electric discharge device. 2,766,397, 10-9-56, Cl. 313—180.
- Niepmann, Friedrich and O. C. Hahn, and H. Mittag. Machine for inserting a drawing thread or drawing ribbon in tampions or the like. 2,763,899, 9-25-56, Cl. 19—144.5.
- Niepmann, Otto: *See*—
- Niepmann, Friedrich and O. C. Hahn, and Mittag. 2,763,899.
- Nieratko, Jacob N. Mechanically controlled electrical signal light. 2,763,850, 9-18-56, Cl. 340—22.
- Nies, Brainerd W., and R. L. Selbe, to United States Gypsum Co. Ceiling or wall construction. 2,736,929, 3-6-56, Cl. 20—4.
- Niess, Anton, to Daimler-Benz Aktiengesellschaft. Packing for valves of internal combustion engines. 2,761,438, 9-4-56, Cl. 123—188.
- Nieuwenhuis, Karol J., to Nederlandse Organisatie voor Toegestap-Natuurwetenschappelijk Onderzoek ten behoeve van Nijverheid Handel en Verkeer. Process for the oxidation of cellulose. 2,730,524, 1-10-56, Cl. 260—212.
- Nigg, Donald J., to the United States of America, as represented by the United States Atomic Energy Commission. Power or voltage measuring means. 2,747,126, 5-22-56, Cl. 313—216.

- Niggeloh, Carl, to Kùrbi & Niggeloh. Telescoping tripod leg. 2,771,261, 11-20-56, Cl. 248-191.
- Nigl, Hans C., to Societe Preparation Industrielle des Combustibles. Vibratory devices. 2,756,601, 7-31-56, Cl. 74-26.
- Nigra, John D., and G. Colombo, to Chain Belt Co. Apparatus for training twisted conveyor belts. 2,732,058, 1-24-56, Cl. 198-184.
- Nigrelli, Biagio J., *See*—
- Grissold, Walter R., and Nigrelli. 2,739,430.
- Grissold, Walter R., and Nigrelli. 2,739,431.
- Nigrelli, Biagio J., to R. W. Johns, B. J. Nigrelli, and R. R. Johns, d. b. Johns, Nigrelli, Johns. Carton loading machine. 2,773,935, 11-20-56, Cl. 53-168.
- Nigro, Julia. Combination bib and safety garment for infants. 2,766,456, 10-16-56, Cl. 2-49.
- Nigro, Louis V., to The Gillette Co. Magazine safety razor. 2,742,093, 4-24-56, Cl. 30-40.
- Nihlen, Arvid C. K., to Brown Plintube Co. Connecting means for concentric pipes. 2,745,683, 5-15-56, Cl. 285-22.
- Niiranen, John V., *See*—
- Giorgio, Douglas J., Niiranen, and Morrow. 2,742,900.
- Nilveid, Hendrik A. W., to Rubber-Stitching. Process of producing soluble chlorinated rubber. 2,736,757, 2-28-56, Cl. 260-735.
- Nikazy, Walter A., to Haughton Elevator Co. Variable standing time control. 2,758,676, 8-14-56, Cl. 187-29.
- Nikitin, Alexander A., to Tennessee Corp. Correction of iron deficiencies in growing plants. 2,772,151, 11-27-56, Cl. 71-1.
- Niklasson, Clarence R. Confection mold. 2,752,867, 7-3-56, Cl. 107-19.
- Nikles, Paul A., R. Steiger, and G. Bach, to Ing. A. Maurer S. A. Apparatus for attreatment of fresh-spun artificial filaments in continuous flowing liquid. 2,772,552, 12-4-56, Cl. 68-181.
- Nikoden, Joseph. Bullet traps. 2,772,092, 11-27-56, Cl. 273-102.
- Nik-O-Lok Co., The: *See*—
- Wasson, Clifford H. 2,762,216.
- Niks, Anton: *See*—
- Kretzers, Leonardus M., Niks, and de Bruin. 2,758,991.
- Niks, Nicholas J., to Brown Disintegrating roll in paper making machines. 2,744,452, 5-8-56, Cl. 92-44.
- Niks, Nicholas J. Stock inlet for papermaking machine. 2,764,917, 10-2-56, Cl. 92-44.
- Niles, Fay D., to Brown & Bigelow. Foldable unit plastic card holder. 2,767,756, 10-23-56, Cl. 150-39.
- Nilles, Andrew G. Truck cover. 2,765,843, 10-9-56, Cl. 160-290.
- Nilson, Allan R.: *See*—
- Ahquist, Zeth P. 2,757,829.
- Nilson, Edna: *See*—
- Ahquist, Zeth F. 2,757,829.
- Nilson, Elmer N. Loading device for pick-up trucks. 2,732,960, 1-31-56, Cl. 214-77.
- Nilson, Harry A., to Vulcan Mfg. Co., Inc. Automobile lifting jack. 2,738,952, 3-20-56, Cl. 254-103.
- Nilson, Harold, to Vulcan Mfg. Co., Inc. Lifting member for automobile jacks. 2,755,065, 7-17-56, Cl. 254-99.
- Nilson, Olaf G.: *See*—
- Ahquist, Zeth F. 2,757,829.
- Nilsson, Ole K., to Radio Corp. of America. Magnetic binary device. 2,735,021, 2-14-56, Cl. 307-88.
- Nilsson, Einar W. Leveler apparatus and method. 2,742,949, 4-24-56, Cl. 153-90.
- Nilsson, Hans R., and P. W. S. Persson, to Svenska Rotor Maskiner Aktiebolag. Housing construction for displacement engines of screw rotor type. 2,755,990, 7-24-56, Cl. 230-143.
- Nilsson, Henry N.: *See*—
- Sundin, Anders T., and Nilsson. 2,766,378.
- Nilsson, Ivar L. Method of and means for recovering fibers from pulp-water. 2,765,915, 10-9-56, Cl. 210-43.
- Nilsson, Nils A. P., to Nitroglycerin Aktiebolaget. Method for manufacturing organic nitro compounds. 2,737,522, 3-6-56, Cl. 260-467.
- Nilsson, Nils A. P., to Nitroglycerin Aktiebolaget. Washing apparatus. 2,755,302, 7-17-56, Cl. 260-467.
- Nilsson, Richard, Ab.: *See*—
- Bilde, Tord E. D. 2,738,128.
- Nilsson, Rune: *See*—
- Bergvall, Knut L., Dahlberg, Egerstrom, and Nilsson. 2,758,618.
- Nilsson, Sture H., E. W. Swanson, and A. F. Delters, to Stur-Art, Inc. Frankfurter broiler. 2,741,977, 4-17-56, Cl. 99-358.
- Nims, Albert A.: *See*—
- Dodd, Roy F., and Nims. 2,774,616.
- Nims, Paul T., to Chrysler Corp. Process for manufacturing electrical coils. 2,743,170, 5-15-56, Cl. 29-155.5.
- Nims, Paul T., to Chrysler Corp. Apparatus for controlling combustion turbines. 2,755,022, 7-24-56, Cl. 60-39.28.
- Nims, Paul T., to Chrysler Corp. Regulated fuel system. 2,757,961, 8-7-56, Cl. 299-63.
- Niner, Edward L.: *See*—
- Trammell, Carl E., and Niner. 2,738,800.
- Niner, Eleanor M.: *See*—
- Trammell, Carl E., and Niner. 2,738,800.
- Ninol Development Co.: *See*—
- Sanders, Herbert L., Knaggs, and Nussbaum. Re. 24,184.
- Nipken, Eleanor and W., to The Walton Co. Drill extractor. 2,744,311, 5-8-56, Cl. 29-240.
- Nipken, Walter: *See*—
- Nipken, Eleanor and W. 2,744,311.
- Nipken, Walter. Adjustable stop for a collet or the like. 2,771,773, 11-20-56, Cl. 279-102.
- Nippert Electric Products Co., The: *See*—
- Nippert, Paul W. 2,759,606.
- Nippert, Paul W., to The Nippert Electric Products Co. Magnetic oil cleaner for screw machine. 2,759,606, 1-21-56, Cl. 210-1.5.
- Nisbet, James D., to General Electric Co. High temperature alloy. 2,765,226, 10-2-56, Cl. 75-134.
- Nischk, Günther, K. E. Müller, and O. Bayer, to Farbenfabriken Bayer Aktiengesellschaft. Polymerization of ethylenedichloride and substituted polyesters with vinyl compounds. 2,740,764, 4-3-56, Cl. 260-45.4.
- Nisenon, Jules. Venetian blind construction. 2,738,005, 3-13-56, Cl. 160-170.
- Nisenon, Jules, to Loral Electronics Corp. Three-speed motor drive control. 2,746,816, 5-22-56, Cl. 74-472.
- Nishikawa, Kunio, I. Shūhara, and R. Shimamoto. Processes for manufacture of organosilicon halides. 2,759,990, 8-21-56, Cl. 260-448.2.
- Nissel, Frank R.: *See*—
- Rocky, Joseph P., and Nissel. 2,771,388.
- Nissen, Warren I., to Ronson Corp. Gas lighter fuel regulating mechanism. 2,747,394, 5-29-56, Cl. 67-87.
- Nistri, Raffaello. Spherical housing type compass, especially suitable for use on aircraft. 2,746,165, 5-22-56, Cl. 33-222.
- Nistri, Raffaello. Tripod for a gun. 2,767,618, 10-23-56, Cl. 89-40.
- Nistri, Umberto. Transmissions of motion between driving and driven shafts in cinematic devices. 2,748,615, 6-5-56, Cl. 74-209.
- Nistri, Umberto. Nadir point methods for planimetric air photographs. 2,756,653, 7-31-56, Cl. 95-1.1.
- Nistri, Umberto. Rectifier for air photographs with nadir direction known as to direction or size. 2,771,815, 11-27-56, Cl. 88-24.
- Nistri, Umberto. Kinematic supports for projection cameras of photogrammetrical plotting apparatus. 2,773,420, 12-11-56, Cl. 88-24.
- Nistri, Umberto. Photogrammetrical projection plotting devices. 2,773,421, 12-11-56, Cl. 88-24.
- Nistri, Umberto. Photograph photogrammetrical plotting devices based on the Deville principle. 2,774,278, 12-18-56, Cl. 88-24.
- Niswonger, Emerson A., and K. E. E. Framework for portable building. 2,764,107, 9-25-56, Cl. 108-23.
- Niswonger, Keith E.: *See*—
- Niswonger, Emerson A., and K. E. E. 2,764,107.
- Nitche, Charles D., to S. M. Langston Co. Web winder. 2,733,018, 1-31-56, Cl. 242-66.
- Nitroglycerin Aktiebolaget: *See*—
- Enoksson, Bertil P. 2,736,742.
- Nilsson, Nils A. P. 2,737,522.
- Nitro, Nils A. P. 2,755,302.
- Schenck, Friedrich R., and Wetterhölme. 2,731,460.
- Nitsche, Erich, to Siemens-Schuckertwerke Aktiengesellschaft. Dry-plate rectifier. 2,762,542, 6-26-56, Cl. 317-234.
- Nitsche, Rudolf, to E. I. du Pont de Nemours and Co. Preparation of chlorogenes. 2,767,049, 10-16-56, Cl. 23-50.
- Nitzsche, Siegfried, and K. Riedle, to Wacker Chemie G. m. b. H. Halogenated polymers stabilized with a hexaorganodistannoxane. 2,770,611, 11-13-56, Cl. 260-45.75.
- Niven, George: *See*—
- Sarrat, Sylvian G., and Niven. 2,739,701.
- Niven, Henry A.: *See*—
- Yeager, Clarence R., and Niven. 2,756,572.
- Niven, Henry A., to L. G. Balfour Co. Metallic ornaments mounted upon a gem by tubular rivets with a filling. 2,756,871, 7-31-56, Cl. 63-15.
- Nixon, Alan C.: *See*—
- Scott, Lawrence B., Nixon, and Roddick. 2,763,613.
- Scott, Lawrence B., Nixon, and Roddick. 2,763,617.
- Nixon, Alan C., and H. B. Miron, to Shell Development Co. Removing contaminants from hydrocarbons with active carbon impregnated with alkali. 2,748,059, 5-29-56, Cl. 196-32.
- Nixon, Alan C., and C. H. Deal, Jr., to Shell Development Co. Separation of C<sub>8</sub> aromatic compounds by forming complex with antimony tribromide. 2,768,220, 10-23-56, Cl. 260-674.
- Nixon, Alan C., and C. H. Deal, Jr., to Shell Development Co. Separation of xylenes with antimony trichloride. 2,768,222, 10-23-56, Cl. 260-674.
- Nixon, George P.: *See*—
- Balcom, John A., and Nixon. 2,745,418.
- Nixon, Leroy, to John A. Roebling's Sons Corp. Attachment for conveyor system line. 2,765,753, 10-9-56, Cl. 104-180.
- Nixon, Virgil H., to Rogers Iron Works Co. Hydraulic jib arm for drilling machines. 2,750,155, 6-12-56, Cl. 255-51.
- Noakes, Thomas B., to Detroit Controls Corp. Refrigeration system and control valve therefor. 2,739,454, 3-27-56, Cl. 62-2.
- Noal, Fred: *See*—
- Jefferys, Alexander G., and J. and F. Noall. 2,754,884.
- Noall, John: *See*—
- Jefferys, Alexander G., and J. and F. Noall. 2,754,884.
- Noall, John, to The Firestone Tire & Rubber Co. Apparatus for handling sheet material. 2,755,028, 7-17-56, Cl. 242-55.
- Nobel, Fred I.: *See*—
- Ostrow, Barnet D., and Nobel. 2,765,269.



- Nobel, Fred L. and B. D. Oswow, to Elechem Corp. Acid copolymer plating bath. 2,733,198, 1-31-56, Cl. 204-52.
- Noberg, Ivar O., to Fieldcrest Mills, Inc. Fabric with float design areas and method. 2,742,060, 4-17-56, Cl. 139-419.
- Nobility Products, Inc. : See—
- Noblen, Emil M. : 2,749,585.
- Noble, Albert S. : See—
- Nohansson, Carl E., and Noble. 2,774,515.
- Noble, Byron : See—
- Noble, Emmett G., and Noble. 2,737,636.
- Noble, Carl M., to Electric Eye Equipment Co. Registration control device. 2,768,827, 10-30-56, Cl. 271-2.6.
- Noble Co. : See—
- Noble, Wilbur, Lyman D., and Mason. 2,757,515.
- Noble, Dennis A. J., to The British Petroleum Co. Ltd. Treatment of sulphur-containing mineral oils. 2,733,190, 1-31-56, Cl. 196-29.
- Noble, Dennis A. J., to The British Petroleum Co. Ltd. Treatment of sulphur-containing mineral oils with kerosene peroxides. 2,749,284, 6-5-56, Cl. 196-29.
- Noble, Jack D. Portable gantry crane. 2,772,004, 11-27-56, Cl. 212-71.
- Noble, John : See—
- Nobles, Carlson, Hilding C., and Noble. 2,753,961.
- Noble, John M., to The English Electric Co. Ltd. Supporting mechanisms. 2,734,710, 2-14-56, Cl. 248-276.
- Noble, John W. : See—
- Nobles, James F., and Noble. 2,734,295.
- Noble, Le Isle D. : See—
- Nobles, Arthur H., Jr., and Noble. 2,729,123.
- Nobles, Arthur H., Jr., and Noble. 2,729,134.
- Noble Mfg. Co. : See—
- Noguch, Paul A. 2,735,251.
- Noble, Morag L. : See—
- Nolan, Arthur W. C., Jones, and Noble. 2,737,534.
- Nolan, Arthur W. C., Jones, and Noble. 2,737,535.
- Nolan, Arthur W. C., Jones, and Noble. 2,737,537.
- Noble, Philip C. : See—
- Noguch, Gurewitsch, Anatole M., and Noble. 2,749,438.
- Noble, Philip C., P. T. Evans, and C. C. Goolsbee, to Reed Roller Bit Co. Method of making welded joints. 2,737,710, 3-13-56, Cl. 29-447.
- Nobles, Warren H. Adapter for ammunition chutes. 2,740,180, 4-3-56, Cl. 24-230.
- Noe, Jean G. Latch. 2,757,033, 7-31-56, Cl. 292-173.
- Noek, Joseph A., to Aluminum Co. of America. Duplex aluminum products and articles. 2,742,688, 4-24-56, Cl. 29-197.5.
- Noddin, George A. : See—
- Norris, Lewis, Harold A., and Noddin. 2,736,263.
- Noddin, Lewis, Harold A. Toy train system accessory. 2,739,796, 3-27-56, Cl. 258-4.
- Noddings, William C. : See—
- Nosher, Merrill A., and Noddings. 2,762,767.
- Noe, Harold C., to Kidde Mfg. Co., Inc. Guide bar mechanism for warp knitting machines. 2,737,034, 3-6-56, Cl. 66-86.
- Noe, Harold C., to Kidde Mfg. Co., Inc. Apparatus for delivering weft threads for incorporation in fabric being knitted. 2,743,596, 5-1-56, Cl. 66-84.
- Noe, Harold C., to Kidde Mfg. Co., Inc. Needle bed structure for warp knitting machines. 2,749,729, 6-12-56, Cl. 66-86.
- Noe, Harold C., to Kidde Mfg. Co., Inc. Needle bed structure for warp knitting machines. 2,749,730, 6-12-56, Cl. 66-86.
- Noe, Harold C., to Kidde Mfg. Co., Inc. Fabric take-up assisting apparatus for warp knitting machines. 2,769,324, 11-6-56, Cl. 66-149.
- Noe, William M. Safety belt buckle. 2,751,656, 6-26-56, Cl. 230-33.
- Noecker, Roy E., and V. Feldpausch, to H. Fendrich, Inc. Cigar piercing machine. 2,754,830, 7-17-56, Cl. 131-254.
- Noel, Arthur E. No thread pipe coupling. 2,761,702, 9-4-56, Cl. 285-323.
- Noel, Charles D., and L. J. Tucker. Gas operated alarm actuable by back-up travel of a tractor. 2,749,877, 6-12-56, Cl. 116-138.
- Noel, Edward B., to General Electric Co. Seal and terminal structure for electric discharge lamp. 2,733,375, 1-31-56, Cl. 313-217.
- Noel, Edward B., and R. E. Farnham, to General Electric Co. Rectifying circuit for discharge lamps. 2,757,318, 7-31-56, Cl. 315-205.
- Noel, Edward B., and J. I. Falconer, Jr., to General Electric Co. Electric discharge lamp. 2,761,086, 8-28-56, Cl. 313-244.
- Noel, Jacques F., to Société Jaruzs A. G. Chur. Magnetic separator. 2,771,995, 11-27-56, Cl. 210-1.5.
- Noel, Philip X., to Casco Products Corp. Automobile antenna. 2,761,534, 9-4-56, Cl. 189-26.
- Noell, Elmer F., to The Printing Machinery Co. Predetermined release hand tool. 2,768,547, 10-30-56, Cl. 81-52.4.
- Noell, Newton G., to International Business Machines Corp. Separable component support for pluggable units. 2,754,453, 7-10-56, Cl. 317-101.
- Noetzel, Gustave H. : See—
- Noguchi, James J., McKee, Alexander, Conrad, Rider, Noetzel, and Salatin. 2,769,228.
- Nofziger, Jay C. Evaporative condenser. 2,752,124, 6-26-56, Cl. 257-37.
- Nogier, Raymond S. : See—
- Nomenz, Stewart D., and Nogier. 2,748,448.
- Nogrette, Pierre F., to Saint-Coud Avions Marcel Dassault. Hatch fastener. 2,751,239, 6-19-56, Cl. 292-36.
- Noguchi, Isamu. Stretcher and support for Japanese lanterns. 2,754,412, 7-10-56, Cl. 240-81.
- Nogueira, Robert D. : See—
- Nossa, Edwin H. 2,731,738.
- Noguera, Joseph, to Casablancas High Draft Co. Ltd. Drafting mechanisms for textile fibers. 2,729,859, 1-10-56, Cl. 19-135.
- Noguera, Joseph, to Casablancas High Draft Co., Ltd. Drafting apparatus for textile fibres. 2,737,690, 3-13-56, Cl. 19-131.
- Noguera, Joseph, to Casablancas High Draft Co. Ltd. Roller weighting means for spinning and preparatory machines. 2,750,633, 6-19-56, Cl. 19-137.
- Noguera, Joseph, to Casablancas High Draft Co. Ltd. Speed frame drafting mechanism. 2,755,514, 7-24-56, Cl. 19-130.
- Noguera, Joseph, to Casablancas High Draft Co. Ltd. Reducing mechanism for textile fibre drafting mechanism. 2,758,341, 8-14-56, Cl. 19-157.
- Noguera, Joseph, to Casablancas High Draft Co. Ltd. Top rollers for spinning and preparatory machinery. 2,762,083, 9-11-56, Cl. 19-142.
- Nolan, Douglas G., to Saco-Loell Shops. Clearers. 2,735,142, 2-21-56, Cl. 19-159.
- No-Joint Concrete Pipe Co. : See—
- Nolsen, Elmer L. 2,731,698.
- Nolan, Auldin D., to Northrop Aircraft, Inc. Rocket stowage and launching mechanism. 2,731,885, 1-24-56, Cl. 89-1.7.
- Nolan Co., Inc. : See—
- Norritt, Glenn W. 2,766,417.
- Nolan, Elizabeth : See—
- Nolan, Stephen J. 2,752,015.
- Nolan, John J., to International Business Machines Corp. Pick stamp printer. 2,770,188, 1-13-56, Cl. 101-93.
- Nolan, Monroe E., to American Steel Foundries. Fabricated brake beam. 2,765,882, 10-9-56, Cl. 188-223.6.
- Nolan, Patrick R., ½ to M. W. Cooper. Universal joint and bushing replacement assembly for a drive shaft assembly. 2,772,547, 12-4-56, Cl. 64-1.
- Nolan, Stephen J., and E. J. Nolan, executrix of said S. J. Nolan. Weather strip for metal casement windows. 2,752,015, 6-26-56, Cl. 189-65.
- Nolan, William E., to Aluminum Co. of America. Non-reactive gypsum plaster mold and method of casting therein. 2,753,666, 7-1-56, Cl. 22-216.5.
- Nollen, William W., to S. S. Garwood, to The Sperry Rand Corp. Starting arrangements for gyroscopic instruments. 2,741,922, 4-17-56, Cl. 74-5.7.
- Nolan, Willis S. Adjustable support platform for infants' bath. 2,763,475, 10-9-56, Cl. 4-185.
- Noland, Robert S., and C. M. H. Noland, to the United States of America as represented by the United States Atomic Energy Commission. Metal production by electrolysis. 2,739,111, 3-20-56, Cl. 204-64.
- Noland, Robert L., and V. M. Sanders, ½ to said Sanders, and ½ to J. J. Beck. Methods of forming smooth surfaces on the inner surfaces of tubes. 2,743,438, 9-23-56, Cl. 18-6.
- Nold, Walter E., and A. C. Westhom, Jr., to Nuclear Magnetics Corp. Magnetometer probe. 2,756,383, 7-24-56, Cl. 324-0.5.
- Noide, George V., and H. T. Avery, to Marchant Calculators, Inc. Readout mechanism. 2,771,599, 11-20-56, Cl. 340-31.
- Nolfi, Thomas E. : See—
- Natrowsky, Joseph A., and Wilson. 2,749,653.
- Noll, Henry J. Harrow disk with knockout center. 2,747,493, 5-29-56, Cl. 97-217.
- Noll, John E., to Dow Corning Corp. Halogenated organosilicon compounds. 2,732,391, 1-24-56, Cl. 260-448.2.
- Noll, John E., to Dow Corning Corp. Triorganosilyl methyl isothiocyanates. 2,762,826, 9-11-56, Cl. 260-448.2.
- Noll, Joseph P. Cleaning attachment for rakes. 2,731,788, 1-24-56, Cl. 56-400.08.
- Noll, Walter : See—
- Simons, Peter, Moschel, Jonas, and Noll. 2,742,433.
- Noll, Walter, H. Jonas, and P. Simons, to Farbenfabriken Bayer Aktiengesellschaft. Process of preparing organo-oxy-polyloxanes. 2,767,201, 10-16-56, Cl. 260-448.8.
- Noll, Walter, H. Jonas, and P. Simons, to Farbenfabriken Bayer Aktiengesellschaft. Vapor jet pump. 2,762,558, 9-11-56, Cl. 230-101.
- Nöller, Hans G., and G. Reich. Vapor ejector pumps. 2,759,661, 8-21-56, Cl. 230-95.
- Nolt, Edwin B. : See—
- Happe, Melvin J., and Nolt. 2,774,246.
- Holaday, James H., and Nolt. 2,750,811.
- Nolt, Edwin B

- Nolte, Robert K., to Metalwash Machinery Co. Can washer. 2,764,171, 9-25-56, Cl. 134-145.
- Nomine, Gerard: *See*—  
Warrant, Julien, and Nomine. 2,768,191.
- Nomine, Gérard, and J. Warrant, to Les Laboratoires Français de Chimiothérapie. Method of producing  $\alpha$ -brominated keto steroid compounds. 2,768,189, 10-23-56, Cl. 260-397.3.
- Noon, Alonzo W. Aligning mechanism. 2,767,982, 10-23-56, Cl. 271-59.
- Noon, T. Cyril, to Thompson Products, Inc. Flow controlling apparatus. 2,732,858, 1-31-56, Cl. 137-505.41.
- Noon, T. Cyril, to Thompson Products, Inc. Nozzle structure. 2,761,919, 9-26-56, Cl. 251-42.
- Noon, T. Cyril, and F. C. Bayer, to Thompson Products, Inc. Variable area fuel nozzles. 2,774,629, 12-18-56, Cl. 299-118.
- Noonan, Charles B.: *See*—  
Seidenberg, Paul W., and Noonan. 2,763,016.
- Noone, Howard T., to Carrier Corp. Defrosting arrangement for a refrigerating coil. 2,747,878, 5-29-56, Cl. 62-102.
- Nopeco Chemical Co.: *See*—  
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Levy, Joseph. 2,751,388.  
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Schnaf, Kurt H., and Kapp. 2,775,626.
- Noppen, Theo.: *See*—  
Becker, Hans, and Noppen. 2,739,501.
- Norberg, Oscar E., to Avco Mfg. Corp. Beverage conditioner. 2,775,430, 12-25-56, Cl. 257-3.
- Norberg, Oscar E., and L. H. Laflin, to Avco Mfg. Corp. Coffee preserving and dispensing apparatus. 2,747,773, 5-29-56, Cl. 222-190.
- Norbert Turkey Growers Association: *See*—  
George, Fred. 2,761,785.  
George, Fred. 2,766,122.
- Norby, Harold A., to Hughes Aircraft Co. Multifrequency keyed oscillator circuit. 2,735,940, 2-21-56, Cl. 250-36.
- Norby, Harold A., to Hughes Aircraft Co. Wide-band phase shifter network. 2,758,204, 8-7-56, Cl. 250-27.
- Norby, Harold L., and B. E. Jones, to Pullman-Standard Car Mfg. Co. Railway sleeping car. 2,731,824, 1-24-56, Cl. 105-315.
- Nordberg Mfg. Co.: *See*—  
Froehlich, Kurt. 2,738,778.  
Grieshaber, Emil, and Shirley. 2,773,348.  
Gruender, Oscar C. 2,770,423.  
Jensch, Clyde K. 2,746,212.  
Symons, Loren G. 2,737,295.  
Talboys, Henry H. 2,737,330.  
Talboys, Henry H. 2,762,315.
- Nordblom, Carl S. Sleeve form presser. 2,759,645, 8-21-56, Cl. 223-74.
- Nordby, Roger M.: *See*—  
Bell, John F., and Nordby. 2,771,547.
- Norddeutsche Affinerie: *See*—  
Kartenbeck, Werner. 2,768,062.  
Knoevenagel, Kurt W. 2,743,283.  
Werner, Gerhard. 2,751,290.  
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- Nordeen, Robert S. Apparatus for extracting mercury from amalgam. 2,731,724, 1-24-56, Cl. 32-40.
- Nordgren, Sven-Ake: *See*—  
Englund, Nils L., and Nordgren. 2,750,160.
- Nordell, Carl H., 15% to L. N. Millsapugh and 15% to A. N. Kaspor. Screening and comminuting device. 2,750,044, 6-12-56, Cl. 210-152.
- Norden, Alexander R., to Federal Electric Products Co. Circuit breaker bussing arrangement. 2,739,272, 3-20-56, Cl. 317-119.
- Norden-Ketay Corp.: *See*—  
Coulbourn, William C., and Sandberg. 2,751,786.  
Mathiesen, James C. 2,729,106.  
Mathiesen, James C. 2,735,505.  
Preston, Frank S., and Wadel. 2,738,924.  
Schafer, Carl F. 2,731,831.
- Nordenstam, Norris. Valve mechanism for fluid motors. 2,762,844, 9-11-56, Cl. 121-164.
- Nordgard, P. O. Lift stage and cage assembly. 2,772,753, 12-4-56, Cl. 187-76.
- Nordgren, Arnold W.: *See*—  
Delker, Thomas C., and Nordgren. 2,733,917.
- Nordgren, Robert: *See*—  
Onie, Joseph W., Nordgren, and Hamilton. 2,767,167.
- Nordholt, Louis E., and M. Wilhoite, to Temco, Inc. Fuel burning wall space heater. 2,770,228, 11-13-56, Cl. 126-116.
- Nordin, Overt L.: *See*—  
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- Nordischer Maschinenbau Rudolf Baader: *See*—  
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Bartels, Alfred F. A., and Jobmann. 2,771,633.
- Nordisk Insulaboratorium: *See*—  
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- Nordin, Henry G., and P. M. Koerner, to International Telephone and Telegraph Corp. Sizing of thermoplastic cable cores. 2,770,014, 11-13-56, Cl. 18-45.
- Nordling, James R. Device for washing and drying bearings and the like. 2,774,362, 12-18-56, Cl. 134-99.
- Nordmark, Walter E.: *See*—  
Bareck, Chester J., and Nordmark. 2,768,256.  
Henrikson, Bror W., Hoven, Nordmark, and Oom. 2,760,556.
- Nordmark, Walter E.: *See*—Continued  
Henrikson, Bror W., Hoven, Nordmark, and Oom. 2,760,556.  
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Hoven, Alfred C., and Nordmark. 2,755,844.
- Nordmark, Walter E., to American Seating Co. Edge binder for desk top or the like. 2,733,111, 1-31-56, Cl. 311-107.
- Nordquist, Ronald E. J., to American Can Co. Machine for forming closures on ends of fiber containers. 2,737,090, 3-6-56, Cl. 93-55.1.
- Nordquist, Ronald E. J., to American Can Co. Can divider. 2,733,006, 2-21-56, Cl. 198-36.
- Nordquist, Ronald E. J., to American Can Co. Machine for sliding articles into stacked relation. 2,752,050, 6-26-56, Cl. 214-6.
- Nordquist, Ronald E. J., to American Can Co. Conveyor mechanism for dividing single line of articles into double line. 2,770,349, 11-13-56, Cl. 198-31.
- Nordquist, Ronald E. J., and W. B. Hommel, to American Can Co. Container coating machine. 2,757,634, 8-7-56, Cl. 118-3.
- Nordsieck, Arnold T. Mechanical integrating device. 2,735,307, 2-21-56, Cl. 74-194.
- Nordstrom, John W. Lamp and shade assembly. 2,750,493, 6-12-56, Cl. 240-81.
- Nordt, Herbert, to Farbenfabriken Bayer Aktiengesellschaft. Production of dehydracetic acid. 2,729,652, 1-3-56, Cl. 260-843.5.
- Noregaard, Maurice J. Door lock. 2,732,703, 1-31-56, Cl. 70-211.
- Noregaard, Maurice J. Key operated multiple electric circuit switch. 2,787,311, 5-1-56, Cl. 200-87.
- Norelius, John D., to Aktiebolaget Alcometall. Door closer and check. 2,741,793, 4-17-56, Cl. 16-52.
- Norelius, Russell G., to Lane-Wells Co. Borehole diameter and lateral depth of fluid invasion indicator. 2,754,475, 7-10-56, Cl. 24-1.
- Noren, Charles H.: *See*—  
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- Noren, Tor H.: *See*—  
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- Norgiel, Alvin L., and M. A. Follebout, to De Soto Tool Co. Grinding jig. 2,765,596, 10-9-56, Cl. 51-217.
- Nordgren, Oscar. Antenna. 2,745,102, 5-8-56, Cl. 343-834.
- Nordgren, O. A. Co.: *See*—  
Faust, Delbert G. 2,735,512.  
Faust, Delbert G. 2,747,688.  
Faust, Delbert G. 2,751,045.  
Faust, Delbert G. 2,761,464.  
Faust, Delbert G., and Wilson. 2,744,534.
- Norkus, Alfonsas. Apparatus for cleaning garments. 2,741,113, 4-10-56, Cl. 68-205.
- Norland, Daniel O. Rotating sprinkler. 2,745,698, 5-15-56, Cl. 299-68.
- Norlin, Francis E., to Borg-Warner Corp. Pressure loaded gear pump. 2,769,396, 11-6-56, Cl. 103-126.
- Norling, John A. Stereoscopic camera. 2,753,774, 7-10-56, Cl. 95-18.
- Norman-Hoffman Bearings Corp.: *See*—  
Anderson, Warren D. 2,745,686.  
Anderson, Warren D. 2,759,777.  
Anderson, Warren D. 2,759,778.  
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Ritchey, Park D. 2,766,082.
- Normalair Ltd.: *See*—  
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- Norman, Alan E., to Wilmot-Breeden Ltd. Door fastening. 2,767,010, 10-16-56, Cl. 292-250.
- Norman, Albert J., deceased, by R. R. Norman, executrix. Tool rest for use in grinding milling cutters. 2,770,930, 11-20-56, Cl. 51-225.
- Norman, Clifton E., 50% to F. L. Hopkinson. Electric indicator. 2,759,079, 8-14-56, Cl. 201-62.
- Norman, Eric, to The Loewy Engineering Co., Ltd. Means for preventing axial displacement of billet containers in metal extrusion presses. 2,735,545, 2-21-56, Cl. 207-15.
- Norman, Frances P. Barring pads with expansible opening for attaching to earring. 2,763,699, 9-25-56, Cl. 63-14.
- Norman, James E. Fluid flow regulating valve. 2,735,642, 2-21-56, Cl. 251-5.
- Norman, Joe, Jr., and A. B. Hamil. Apparatus for placing seismic explosive charges. 2,773,669, 12-11-56, Cl. 255-1.
- Norman, James W. Barrel cleaning shell for firearms. 2,765,740, 10-9-56, Cl. 102-39.
- Norman, Ruth R.: *See*—  
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- Norman, Sara L.: *See*—  
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- Norman, Vera. Wash cloths. 2,739,045, 1-17-56, Cl. 15-122.
- Norman, Wayne A.: *See*—  
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- Norman, William Z., and J. Billig, to Bilnor Corp. Collapsible wading pool. 2,766,462, 10-16-56, Cl. 4-172.
- Normann, Turolf, to Omega Louis Brandt & Frere S. A. System for developing a film. 2,747,481, 5-29-56, Cl. 95-94.
- Normann, Turolf, to Omega Louis Brandt & Frere S. A. Time recording apparatus. 2,773,734, 12-11-56, Cl. 346-107.
- Norment, Robert T., F. Dertinger, and G. B. Harris, to International Ferromet Machinery Co., Inc. Mobile magnet. 2,729,331, 1-8-56, Cl. 209-215.



- Normington, James B.: *See*—  
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- Normore, William M., and A. G. Scoble, to The Shawinigan Water and Power Co. Ltd. Electrolysis of titanium tetra-chloride to produce titanium. 2,755,240, 7-17-56, Cl. 204-64.
- Norquist, Glenn H. Improvements in end extension tables. 2,743,977, 5-1-56, Cl. 311-55.
- Norrie, Robert C., to Kenworth Motor Truck Co., Division of Pacific Car and Foundry Co. Spring suspension. 2,754,111, 10-7-56, Cl. 287-11.
- Norrie, Robert C., and W. M. Brown, to Kenworth Motor Truck Corp. Airport crash truck. 2,765,041, 10-2-56, Cl. 189-53.
- Norris, Archie B. Animal trap. 2,730,834, 1-17-56, Cl. 43-69.
- Norris, Coma F. Dispensing device. 2,760,426, 8-28-56, Cl. 99-354.
- Norris, Donald E., to Sinclair Refining Co. Method for pH control in circulating water. 2,772,779, 12-4-56, Cl. 210-29.
- Norris, Edward O. Centrifugal spraying coating apparatus. 2,734,479, 2-14-56, Cl. 118-326.
- Norris, Edward O. Centrifugal spray coating apparatus. 2,734,480, 2-14-56, Cl. 118-326.
- Norris, Edward O. Viscosity control system. 2,773,507, 12-11-56, Cl. 137-92.
- Norris, Frank A.: *See*—  
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- Norris, Frank A., and K. F. Mattil, to Swift & Co. Process of producing modified lard. 2,763,555, 9-18-56, Cl. 99-118.
- Norris, John: *See*—  
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- Norris, Leonard H. Fisherman's adjustable net. 2,772,502, 12-4-56, Cl. 43-16.
- Norris, Ralph J., to The Tappan Stove Co. Broiler unit for electric cooking ranges. 2,752,475, 6-26-56, Cl. 219-37.
- Norris, Ralph J., to The Tappan Stove Co. Broiler unit for electric cooking ranges. 2,752,476, 6-26-56, Cl. 219-37.
- Norris, Ralph J., to The Tappan Stove Co. Broiler unit for electric cooking ranges. 2,752,477, 6-26-56, Cl. 219-37.
- Norris, Robert C.: *See*—  
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- Norris-Thermador Corp.: *See*—  
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- Norris, William A. Cooler. 2,729,436, 1-3-56, Cl. 261-24.
- Norrman, Ake O. M.: *See*—  
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- Norrb, Allan F.: *See*—  
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- Norsk Hydro-Elektrisk Kvaestofaktieselskab: *See*—  
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- North Co.: *See*—  
Alvord, Charles C. 2,746,214.
- Comstock, George E., 3d. 2,746,917
- Lowe, Edwin C. 2,746,183.
- Whitemore, Osgood J., Jr. 2,746,874.
- North, Edwin W., to National Lock Co. Door latch. 2,733,945, 2-7-56, Cl. 292-169.
- North, Edwin W., and W. B. Wilson, to National Lock Co. Turn button lock. 2,733,946, 2-7-56, Cl. 292-169.
- North, Edwin W., and W. B. Wilson, to National Lock Co. Privacy lock. 2,738,663, 3-20-56, Cl. 70-146.
- North, Edwin W., and F. L. Erickson, to National Lock Co. Door lock. 2,739,472, 3-27-56, Cl. 70-146.
- North Electric Co.: *See*—  
Blackhall, James M. 2,744,968.
- Blackhall, James M., Blashfield, Simmons, Ryon, and Crow. 2,760,250.
- Blackhall, James M., Ryon, Baker, and Martin. 2,742,535.
- Dahlman, Per Olaf. 2,747,018.
- Hall, Donovan L. 2,767,279.
- Hall, Donovan L., and Stanley. 2,767,280.
- Martin, George P., and Blackhall. 2,742,534.
- Ryon, Maurice G., and Baker. 2,742,533.
- Tuller, Clarence E., and Hickman. 2,733,326.
- North, Harold D. D. Elongated pocket size two-element dose-time-indicating container. 2,739,564, 3-27-56, Cl. 116-121.
- North, Harper Q., to Hughes Aircraft Co. Electrical translating device. 2,741,729, 4-10-56, Cl. 317-236.
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- Nowotny, Glen J., to Ray-O-Vac Co. Primary dry cell. 2,745,894, 5-15-56, Cl. 136-111.
- Noxon, Paul A., to Bendix Aviation Corp. Trim tab servo motor control. 2,733,879, 2-7-56, Cl. 244-77.
- Noxon, Paul A., to Bendix Aviation Corp. Gyroscope. 2,737,052, 3-6-56, Cl. 74-1.
- Noxon, Paul A., to Bendix Aviation Corp. Altitude control. 2,754,501, 7-10-56, Cl. 340-345.
- Noxon, Paul A., and A. M. MacCallum, to Bendix Aviation Corp. Positioning system monitor. 2,731,217, 1-17-56, Cl. 244-77.
- Noxon, Paul A., and A. M. MacCallum, to Bendix Aviation Corp. Positioning system monitor. 2,741,733, 4-10-56, Cl. 318-489.
- Noxon, Paul A., and A. M. MacCallum, to Bendix Aviation Corp. Automatic pilot. 2,772,059, 11-27-56, Cl. 244-77.
- Noxon, Paul A., and J. C. Owen, to Bendix Aviation Corp. Altitude monitor. 2,773,252, 12-4-56, Cl. 340-268.
- Noyd, Milton M. Bait holding fishhook. 2,767,505, 10-23-56, Cl. 43-44.6.
- Noyes, Hazlehurst R., to Aerol Co., Inc. Mechanical leverage augments. 2,766,497, 10-16-56, Cl. 22-93.
- Noyes, Howard, to The Dayton Rubber Co. Composite sheet material. 2,763,586, 9-18-56, Cl. 154-53.
- Noves, Howard, and E. W. Moorman, to The Dayton Rubber Co. Tank fitting with means to retain attaching bolts. 2,757,025, 7-31-56, Cl. 285-200.
- Nozaki, Kenzie, to Shell Development Co. Hydrogenation of hydrocarbon oils, tungsten, molybdenum, and nickel containing catalysts therefor and their preparation. 2,744,052, 5-1-56, Cl. 196-24.
- Nozaki, Kenzie, to Shell Development Co. Hydrogenation of aromatics and sulfur-bearing hydrocarbon oils and catalysts therefor. 2,758,957, 8-14-56, Cl. 196-30.
- Nozaki, Kenzie, to Shell Development Co. Production of methylcyclopentene. 2,765,355, 10-2-56, Cl. 260-666.
- Nozaki, Kenzie, and O. Johnson, to Shell Development Co. Platinum catalyst. 2,762,781, 9-11-56, Cl. 252-433.
- Nozick, Seymour: See—
- Andrews, David H., Liegey, Nozick, and Treitel. 2,760,151.
- Nu Arc Co., Inc.: See—
- Benson, Harold R. 2,774,907.
- Pollard, Joseph W. 2,754,446.
- Nübling, Otto, to Firma Theodor Klatte. Hydraulic drive for vehicle. 2,738,849, 3-20-56, Cl. 180-66.
- Nühling, Otto, to Firma Theodor Klatte. Control valve for a hydraulic apparatus. 2,749,843, 6-12-56, Cl. 102-41.
- Nübling, Otto. Rotary pump and motor hydraulic transmission. 2,762,195, 9-11-56, Cl. 60-53.
- Nübling, Otto, to Firma Theodor Klatte. Rotary pump and motor hydraulic transmission. 2,765,623, 10-9-56, Cl. 60-53.
- Nuckolls, Richard G., to The United States of America as represented by the Secretary of Commerce. Stabilized synchronous amplifiers. 2,747,030, 5-22-56, Cl. 179-171.

- Nuclear Magnetics Corp.: *See*—  
Nold, Walter E., and Westbom. 2,756,383.
- Nu-Dell Plastics Corp.: *See*—  
Jones, Charles E., and Crowle. 2,760,279.
- Nudenberg, Walter: *See*—  
Kharasch, Morris S., and Nudenberg. 2,739,136.  
Kharasch, Morris S., and Nudenberg. 2,739,138.
- Nuding, James M.: *See*—  
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- Nuernberger, Eldon L., and W. A. Williams, to T. B. Wood's Sons Co. Variable pitch sheave. 2,753,725, 7-10-56, Cl. 74—230.17.
- Null, Fay E. Light sensitive automatically controlled steering system. 2,751,030, 6-19-56, Cl. 180—79.1.
- Null, Fay E. Soil pulverizers. 2,751,831, 6-26-56, Cl. 97—10.
- Null, Fay E. Automatic temperature regulator for mixing liquids. 2,754,061, 7-10-56, Cl. 236—12.
- Null, Ida K.: *See*—  
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- Nullet, Lewis H. Automatic disappearing sprinkler. 2,757,045, 7-31-56, Cl. 299—61.
- Numan, Orange G., to Fort Howard Paper Co. Variable width plunger sheave V-belt pulleys. 2,741,135, 4-10-56, Cl. 74—230.17.
- Nunan, Craig, S., and R. Zaphiropoulos, to Chromatic Television Laboratories, Inc. Shield color grid structure for cathode-ray tubes. 2,739,263, 3-20-56, Cl. 315—14.
- Nunist, Ernest J. Inflatable mattress lifters. 2,769,182, 11-6-56, Cl. 5—68.
- Nunn, Barney P. Multiple spindle drill. 2,731,050, 1-17-56, Cl. 144—110.
- Nunn, Barney P. Shaping and trimming machine. 2,748,814, 6-5-56, Cl. 144—30.
- Nunn, David H., and C. B. Mitchell. Safety belt or harness for children. 2,758,769, 8-14-56, Cl. 227—49.
- Nunn, George W., to Redwing Ltd. Automatic parachute release apparatus. 2,758,808, 8-14-56, Cl. 244—150.
- Nunn, Leslie: *See*—  
Mayhew, Raymond L., Nunn, and Sundberg. 2,774,709.
- Nunnally, Robert B. Fish lure. 2,739,406, 3-27-56, Cl. 43—42.08.
- Nuodex Products Co., Inc.: *See*—  
Fath, Joseph, and Leitner. 2,745,832.
- Nurkiewicz, Ignatius, to Stop-Fire, Inc. Container handle. 2,736,919, 3-6-56, Cl. 16—110.
- Nurkiewicz, Ignatius, to Stop-Fire, Inc. Nozzles for fire extinguishers. 2,761,737, 9-4-56, Cl. 299—118.
- Nurmatic Corp.: *See*—  
Witz, Henry W. 2,746,631.
- Nuss, Frank J. Paint brush cleaning device. 2,737,945, 3-13-56, Cl. 126—226.
- Nussbaum, Marvin L.: *See*—  
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- Nussbaum, Otto J.: *See*—  
Malkoff, Hyman, and Nussbaum. 2,761,287.
- Nüsslein, Joseph, to Metallgesellschaft Aktiengesellschaft. Shaped mixture of soap and phosphate. 2,765,279, 10-2-56, Cl. 252—117.
- Nu Tone, Inc.: *See*—  
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Christy, James W., and McEvoy. 2,769,069.
- Spear, Walter A. 2,739,521.
- Nutritional Concentrates, Inc.: *See*—  
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- Nut, John G., and R. G. Haworth, to Potash Co. of America. Machine and method for mining underground deposits. 2,754,101, 7-10-56, Cl. 262—9.
- Nuttall, Frank A., to Pitney-Bowes, Inc. Mail sorting rack. 2,742,161, 4-17-56, Cl. 211—11.
- Nutter, Walter: *See*—  
Hunter, William A., Blackburn, and Nutter. 2,751,631.
- Nu-Way Harvester Co.: *See*—  
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- Nyby Bruks Aktiebolag: *See*—  
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- Nycander, Sven H., I. A. Skoog, and N. Å. H. Wimmerstedt, to Vibro-Plus Corp. Mortar activator. 2,738,175, 3-13-56, Cl. 259—161.
- Nyden, Robert. Resilient pouring spout. 2,751,131, 6-19-56, Cl. 222—562.
- Nyden, Robert, to Continental Can Co., Inc. Container arranged with a spout in one end. 2,762,538, 9-11-56, Cl. 222—542.
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- Nydegger, Roland R., and D. F. Holden, to Johnson & Johnson. Art of sheet delivery and stacking. 2,767,534, 10-23-56, Cl. 53—62.
- Nye, Ray, to Holley Carburetor Co. Non-icing carburetor. 2,752,132, 6-26-56, Cl. 261—23.
- Nye, William T.: *See*—  
George, Walter C., Nye, and Bousquet. 2,729,384.
- Nye, William T., to Crown Zellerbach Corp. Retractable handle for a container. 2,762,556, 9-11-56, Cl. 228—52.
- Nygaard & Co. A/S: *See*—  
Holtermann, Hugo. 2,734,016.
- Nysgaard, Edmund O. Sun visor for vehicles. 2,733,760, 2-7-56, Cl. 73—13.
- Nygren, Charles E.: *See*—  
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- Nyholm, Bengt V.: *See*—  
Nyholm, Gösta L. B., and Nyholm. 2,764,138.
- Nyland, Edward R. Work piece holder. 2,734,750, 2-14-56, Cl. 279—2.
- Nylöf, Erik H.: *See*—  
Palm, Karl K. F., and Nylöf. 2,773,720.
- Nylok Cor. The.: *See*—  
Borner, Carl H., and Tarallo. 2,740,973.
- Nylon-Maid, Inc.: *See*—  
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- Nyman, Alexander, to Alden Products Co. Mirror drum facsimile scanner. 2,750,443, 5-12-56, Cl. 178—71.
- Nyquist, Harry, to Bell Telephone Laboratories, Inc. Measurement of transmission time. 2,749,508, 6-3-56, Cl. 324—58.
- Nys, Louis T. G.: *See*—  
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Kruithof, Jakob, Nys, and Donceel. 2,758,158.
- Nystrand, Ernest D.: *See*—  
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- Nystrom, Albert F., to A. O. Smith Corp. Compression spring chain tightener. 2,764,031, 9-25-56, Cl. 74—242.14.
- Nystrom, Axel C., to Western Electric Co., Inc. Arbor frame control for wire twisting apparatus. 2,736,161, 2-28-56, Cl. 57—58.76.
- Nystrom, Carl H.: *See*—  
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- Nystrom, Carl H., E. M. Bach, and A. E. Huse, to American Bosch Arms Corp. Fuel injection system. 2,772,668, 1-5-56, Cl. 123—140.
- Nystrom, Karl E., to International Steel Co. Roof structure for refrigerators. 2,742,866, 4-24-56, Cl. 105—409.
- Nystrom, Karl F., to International Steel Co. Method of fabricating railway car ladders. 2,769,230, 11-6-56, Cl. 27—42.
- Nystrom, Karl F., to International Steel Co. Door or frame post for freight cars including lading strap anchor. 2,769,405, 11-6-56, Cl. 105—369.
- Nystrom, Karl F., to International Steel Co. Truck and body coupling device for railway cars. 2,772,640, 12-4-56, Cl. 105—199.
- Nystrom, Karl F., to Standard Railway Equipment Mfg. Co. Side door for railway cars. 2,774,118, 12-18-56, Cl. 20—22.
- Nystrom, Roy E.: *See*—  
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- O. Dörries A. G. vorm. Maschinenfabrik Banning & Seybold: *See*—  
Hoesch, Robert. 2,767,624.
- O. K. Rubber, Inc.: *See*—  
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- OPW Corp.: *See*—  
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- O & M Machine Co., Inc.: *See*—  
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- O & W Sewing Machine Attachments Inc.: *See*—  
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- Oak Mfg. Co.: *See*—  
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- Oakes, Grant A. Packing device. 2,763,422, 9-18-56, Cl. 229—35.
- Oakes, Henry J.: *See*—  
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- Oakland, Einar. Flexible oil can. 2,732,978, 1-31-56, Cl. 222—215.
- Oakland Scavenger Co.: *See*—  
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- Oakley, Daniel C.: *See*—  
Sexte, Carroll G., and Oakley. 2,740,823.
- Oakley, Gilbert F., to MacLean-Pogg Lock Nut Co. Anchoring devices for lading straps and the like. 2,753,816, 7-10-56, Cl. 105—369.
- Oakley, Gilbert F., to MacLean-Pogg Lock Nut Co. Anchoring devices for lading ties and the like. 2,755,747, 7-24-56, Cl. 10—32.
- Oakley, Howard T., to Esso Research and Engineering Co. Process for removing carbonyl sulfide from gases. 2,758,005, 8-7-56, Cl. 23—3.
- Oakley, John E.: *See*—  
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- Oakley, Norman B., to Hercules Powder Co. Heat-sealable coating consisting of polyvinyl alcohol, urea, and dextrose. 2,760,842, 8-28-56, Cl. 260—17.4.
- Oakley, Robert L. Dual parachute assembly. 2,765,132, 10-2-56, Cl. 244—142.
- Oak Park Trust & Savings Bank: *See*—  
Schaefer, Edward E. 2,767,455.  
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- Oaks, Arthur O.: *See*—  
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- Oaks, Grover L., Jr. Portable charging elevator for concrete mixers. 2,740,539, 4-3-56, Cl. 214—2.
- Oates, Clifford Jr.: *See*—  
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- Oats, William K. Fifth wheel stop for tractor trailers. 2,772,894, 12-4-56, Cl. 280—432.
- O'Bannon, William. Apparatus for cooling dewpoint temperature. 2,765,139, 9-11-56, Cl. 73—17.
- Obedin, Nathan. Automatic cloth laying-up machine. 2,732,202, 1-24-56, Cl. 270—31.



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- Obenshain, David N., to West Virginia Pulp and Paper Co. Temperature compensated reference cell for measuring electrical conductivity of liquids. 2,769,072, 10-30-56, Cl. 201—57.
- Obenshain, David N., to West Virginia Pulp and Paper Co. Means for measuring electrical conductivity of liquids. 2,769,139, 10-30-56, Cl. 324—80.
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- Oben, Howard C. Overload release friction coupling. 2,770,115, 11-12-56, Cl. 64—30.
- Ober, Roy, to Robbins & Myers, Inc. Hoist with tilted drum. 2,735,554, 2-21-56, Cl. 212—134.
- Ober, Willy, and K. D. Fortuyn, to Hartford National Bank and Trust Co., as trustee. Alternating-current relay. 2,742,459, 6-5-56, Cl. 317—184.
- Oberdier, John A. Steam generator. 2,742,024, 4-17-56, Cl. 122—366.
- Oberfell, George G. Shotgun cartridge and shot for the same. 2,772,684, 12-4-56, Cl. 102—42.
- Ober, Hugo W. Fixed wing and helicopter sustained aircraft. 2,765,992, 10-9-56, Cl. 244—6.
- Oberg, John C.: See—
- Jacobson, Gustaf L., and Oberg. 2,748,908.
- Oberhellmann, Theodore A., to Hammermills, Inc. Adjustable hammer mill. 2,734,686, 2-14-56, Cl. 241—82.
- Oberholzer, Max.: See—
- Ott, Walter, and Oberholzer. 2,755,374.
- Oberhuber, William F., E. Wollin, and A. P. Goetze. Radially cutting tube cutter having adjustable tool. 2,743,521, 5-1-56, Cl. 30—106.
- Oberlin, Lyman, to Phillips Petroleum Co. Gearing device. 2,752,598, 4-17-56, Cl. 318—348.
- Obermaier, Alfred A., and B. A. Ritzenhaller, to Illinois Testing Laboratories, Inc. Methods and apparatus for measuring quantitatively the amount of gas in a mixture. 2,761,976, 9-4-56, Cl. 250—43.5.
- Oberman, Edward, to Illinois Testing Laboratories, Inc. D. C. converter circuits. 2,769,138, 10-30-56, Cl. 323—89.
- Oberman, Roelof M. M., to De Staat der Nederlanden, Ten Deze Verteenwoordigd Door de Directeur-Generaal der Posten, Telegrafie en Telefonie. Lockout electronic line circuit. 2,731,514, 1-17-56, Cl. 79—18.
- Oberman, Roelof M. M., to De Staat der Nederlanden, Ten Deze Verteenwoordigd Door de Directeur-Generaal der Posten, Telegrafie en Telefonie. Automatic switching system. 2,741,663, 4-10-56, Cl. 179—18.
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- Obermoser, Albert. Apparatus for the automatic control of electric motors. 2,730,585, 1-10-56, Cl. 200—47.
- Oberrieth, Edward A., to Socony Mobil Oil Co., Inc. Method for incorporating oil-insoluble, solid additive agents in mineral oils. 2,758,085, 8-7-56, Cl. 252—25.
- Obert, Maximilian J., to Radio Corp. of America. Electron beam control means. 2,769,110, 10-30-56, Cl. 313—70.
- Oberto, Morse B. Animal trap. 2,741,065, 4-10-56, Cl. 43—93.
- Oblad, Alex G.: See—
- Bond, George R., Jr., and Oblad. 2,754,187.
- Milliken, Thomas H., Jr., Mills, and Oblad. 2,775,638.
- Oblad, Alex G., T. H. Milliken, Jr., and E. R. Boedeker, to Houdry Process Corp. Production of hydrogen and carbon. 2,760,847, 8-28-56, Cl. 239—209.5.
- Oblad, Alex G., and H. Heinemann, to Houdry Process Corp. Refining of naphtha. 2,760,990, 8-28-56, Cl. 260—668.
- Obloy, Leo A. Lathe center. 2,730,917, 1-17-56, Cl. 82—33.
- O'Boyle, Edward H.: See—
- Pinkerton, Harold R. 2,754,528.
- Obradovich, Drago. Reclining chair with horizontally maintained canopy. 2,747,653, 5-29-56, Cl. 155—106.
- Obrcian, Vladimir F. Soil density gauge and sampler. 2,753,717, 7-10-56, Cl. 73—425.2.
- O'Brian, Edward D.: See—
- O'Brian, Robert E., and E. D. 2,729,565.
- Robinson, Preston, and O'Brian. 2,754,259.
- O'Brian, Edward D. Toy water guns. 2,751,116, 6-19-56, Cl. 22—79.
- O'Brian, Robert E., and E. D. Meat casing and process for using the same. 2,729,565, 1-3-56, Cl. 99—176.
- O'Brian, Dudley L., Jr.: See—
- Hendrich, Robert T., and O'Brian. 2,730,490.
- O'Brien, Edward J.: See—
- Wahlin, Fred W., and O'Brien. 2,751,252.
- O'Brien, Ellis J.: See—
- Dunn, Holbert E., and O'Brien. 2,745,715.
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- Dunn, Holbert E., and O'Brien. 2,745,765.
- O'Brien, Eugene. Lock mechanism. 2,766,605, 10-16-56, Cl. 70—8.
- O'Brien, George E.: See—
- Smith, Allen E., O'Brien, and Bornmann. 2,758,051.
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- O'Brien, George E., A. E. Smith, and A. Bornmann, to United States Rubber Co. Fungicidal compositions of N-phenyl mononitrophthalamic acids and derivatives thereof and method of applying to plants. 2,763,588, 9-18-56, Cl. 167—30.
- O'Brien, George E., A. E. Smith, and A. Bornmann, to United States Rubber Co. Fungicidal compositions of N-phenyl-chlorophthalamic acids and derivatives thereof and method of applying to plants. 2,763,589, 9-18-56, Cl. 167—30.
- O'Brien, Gerard J. Cake cutter and server. 2,770,035, 11-13-56, Cl. 30—114.
- O'Brien, George G., to American Radiator & Standard Sanitary Corp. Doorway heater. 2,754,746, 7-17-56, Cl. 98—36.
- O'Brien, John J. Hanging fire wall and method of constructing same. 2,746,257, 5-22-56, Cl. 61—48.
- O'Brien, John V. Sewer cleaning machines. 2,730,740, 1-17-56, Cl. 15—104.3.
- O'Brien, Lester A.: See—
- Bland, Thomas W., and O'Brien. 2,735,913.
- Bland, Thomas W., and O'Brien. 2,736,012.
- O'Brien, Neville C.: See—
- French, George F., and R. 2,775,265.
- O'Brien, Stanley J., and A. S. Karcewski. Paint mixing device. 2,744,580, 12-19-56, Cl. 259—144.
- O'Brien, Vincent R., to Fastee Products, Inc. Spray guard. 2,748,411, 6-5-56, Cl. 15—129.
- O'Brien, William J.: See—
- Crowley, Cornelius J., and O'Brien. 2,761,684.
- O'Brien, William J., to General Motors Corp. Stop-on-signal radio receiver. 2,741,697, 4-10-56, Cl. 250—20.
- O'Brien, William J., Jr. Telemetric fluid level indicating system. 2,754,596, 7-17-56, Cl. 33—126.6.
- Obszarny, Theodore J., to Guardian Electric Mfg. Co. Terminal lux and mounting block. 2,733,422, 1-31-56, Cl. 339—220.
- Obszarny, Theodore J., to Guardian Electric Mfg. Co. Terminal block for hermetically sealed relay. 2,735,994, 2-21-56, Cl. 339—198.
- Obszarny, Theodore J., to Guardian Electric Mfg. Co. Wide temperature range vibration resistant relay or the like. 2,744,216, 5-1-56, Cl. 317—105.
- Obszarny, Theodore J., to Guardian Electric Mfg. Co. Switch mounting bracket for airplane control stick. 2,747,057, 5-22-56, Cl. 200—157.
- O'Callaghan, Donald M. Scapular having cover members for the cloth pieces. 2,748,577, 6-5-56, Cl. 63—2.
- O'Catty, James A. Discardable safety razor. 2,737,714, 11-6-56, Cl. 32—66.
- Occhipinti, Cosimo L. Releasable plug for automatic sprinklers. 2,743,782, 5-1-56, Cl. 169—39.
- Occhipinti, Rosario, J. Giardinelli and G. Proniuk. Egg cooker. 2,747,075, 5-22-56, Cl. 219—35.
- Ocenasek, William F., to Rockwell Mfg. Co. Table-gripping ripping fences. 2,754,859, 7-17-56, Cl. 143—174.
- Och, Henry G., to the United States of America as represented by the Secretary of the Army. Automatic computer. 2,750,110, 6-12-56, Cl. 235—61.
- Ochiai, Elji, and M. Ikehara, to Shionogi & Co., Ltd. Process for preparing hydroxy-N-methyl-morphinan. 2,769,510, 11-6-56, Cl. 260—255.
- Ochse, William, to Liberty Products Corp. Mechanisms for controlling the angularity of milling machine cutters. 2,770,173, 11-13-56, Cl. 90—13.
- Ochwat, Joseph F., to General Electric Co. Article conveyor. 2,769,524, 11-6-56, Cl. 198—34.
- Ockerman, George R., to The McKay Machine Co. Coil guide for sheet metal uncoiler. 2,757,879, 8-7-56, Cl. 242—76.
- O'Connell, John J.: See—
- Sullivan, Roger M. 2,732,654.
- O'Connell, John J. Lock having a sliding latch bolt. 2,769,920, 11-6-56, Cl. 70—97.
- O'Connell, T. W., & Co.: See—
- O'Connell, Theodore W. 2,739,188.
- O'Connell, Theodore W., to T. W. O'Connell Co. Self-holding dialing tool. 2,739,188, 3-20-56, Cl. 179—80.
- O'Connor, Arthur F., and G. J. Christenson, to Union Asbestos & Rubber Co. Hand brake for flat cars. 2,764,035, 9-25-56, Cl. 74—510.
- O'Connor, Bernard E., to Houdaille-Hershey Corp. Shaft vibration stabilizer. 2,729,518, 1-3-56, Cl. 308—9.
- O'Connor, Bernard E., to Houdaille-Hershey Corp. Tuned vibration damper. 2,736,393, 2-28-56, Cl. 188—1.
- O'Connor, Bernard E., to Houdaille-Hershey Corp. Inertia controlled flutter damper. 2,742,113, 4-17-56, Cl. 188—93.
- O'Connor, Bernard E., and A. C. French, to Houdaille Industries, Inc. Stabilized variable displacement pump. 2,742,861, 4-24-56, Cl. 103—120.
- O'Connor, Bernard E., and B. Fuente, to Houdaille Industries, Inc. Flutter damper with air bleed. 2,758,679, 8-14-56, Cl. 188—93.

- O'Connor, Bernard J.: *See*—  
 Grafinger, Louis N., and O'Connor, 2,729,061.  
 O'Connor, Buell, and A. Steidt, Jr., to Stanolind Oil and Gas Co. Use of carbon monoxide for regeneration of acids from their salts. 2,742,490, 4-17-56, Cl. 260-450.  
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 O'Connor, Frank M. Heated chair. 2,749,906, 6-12-56, Cl. 129-204.  
 O'Connor, John B., to Lyon Metal Products, Inc. Locker construction. 2,749,199, 6-5-56, Cl. 312-257.  
 O'Connor, John B., to Lyon Metal Products, Inc. Locker wardrobe. 2,758,000, 14-56, Cl. 312-265.  
 O'Connor, Joseph H., to H. J. and E. B. Silver. Hair drying apparatus. 2,773,313, 12-11-56, Cl. 34-48.  
 O'Connor, Maurice J., to O'Connor and Co. Non-agglomerated sulphur and method of preparing the same. 2,733,985, 2-7-56, Cl. 23-224.  
 O'Connor, Neal E., to General Motors Corp. Work device. 2,761,256, 9-4-56, Cl. 51-170.  
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 Odale, Ernest D., to Basic Vegetable Products, Inc. Method of removing outer skin from vegetables. 2,766,794, 10-16-56, Cl. 146-227.  
 O'Day, Cortland N., to Air Devices, Inc. Ceiling installation. 2,734,446, 2-14-56, Cl. 98-40.  
 Odegaard, John, and G. Skibo. Combined male plug and female outlet. 2,742,623, 4-17-56, Cl. 339-97.  
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 Wright, Esmond P., and Odell, 2,761,621.  
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 Odell, William W. Process of treating gasiform fluids at elevated temperatures. 2,731,335, 1-17-56, Cl. 48-197.  
 Odenkirchen, William. Model illuminated dashboard assembly. 2,766,552, 10-16-56, Cl. 46-226.  
 Odenthal, Artur, to Maschinenbau-Aktiengesellschaft Balcke. Cooling tower for liquids. 2,759,719, 8-21-56, Cl. 261-119.  
 Odermann, Charles R., to The Singer Mfg. Co. Thread-stand for sewing machines. 2,742,244, 4-17-56, Cl. 242-131.  
 Odermann, Charles R., and E. Poffenberger, to The Singer Mfg. Co. Fluid pressure actuated mechanisms for sewing machines. 2,750,908, 8-19-56, Cl. 112-235.  
 Odle, John E. Stereo-photogrammetric projection plotting apparatus. 2,729,140, 1-3-56, Cl. 88-24.  
 Odium, William H., W. F. Horsford, and C. C. Wieser, to Duro Metal Products Co. Clamping device for guide fence on work table. 2,740,437, 4-3-56, Cl. 143-174.  
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 O'Donnell, Edward M. Connection facilitating tractor hitch. 2,749,145, 6-5-56, Cl. 280-178.  
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 Oehler, William P., and C. H. Youngberg, to Deere & Co. Hitch devices. 2,741,967, 4-17-56, Cl. 97-47.14.  
 Oehler, William P., and C. H. Youngberg, to Deere & Co. Attachment for tractor planters. 2,751,836, 6-26-56, Cl. 97-47.41.  
 Oehler, William P., and L. W. Johnson, to Deere & Co. Disk harrow. 2,755,613, 7-24-56, Cl. 55-83.  
 Oehler, William P., and C. H. Youngberg, to Deere & Co. Stabilizing means for disk harrows. 2,759,311, 8-21-56, Cl. 55-81.5.  
 Oehler, William P., C. H. Youngberg, and L. W. Johnson, to Deere & Co. Disk harrow including a wheel attachment. 2,755,609, 10-9-56, Cl. 55-73.  
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 Oeler, Richard C., to Motorola, Inc. Plural tuner drive. 2,773,390, 12-11-56, Cl. 74-30.45.  
 Oetjen, Bernhard. Propulsion apparatus for water vessels. 2,764,954, 10-2-56, Cl. 115-15.  
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 Oesterling, James F., H. A. Sinski, and E. R. Frederick, to the United States of America as represented by the Secretary of the Army. Insulating ground pad. 2,751,609, 6-26-56, Cl. 5-344.  
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 Oettinger, Wilhelm F. Pie trimmer and crimping device. 2,754,755, 7-7-56, Cl. 107-49.  
 Oetjen, Georg-Elmer, and W. Nerge. Degassing and distillation of liquids in vacuum. 2,764,533, 9-25-56, Cl. 202-52.  
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- Ofutt, William C., P. Sieck, and H. Beuther, to Gulf Oil Corp. Thermal conversion of reduced crudes. 2,762,754, 9-11-56, Cl. 196-50.
- Ofutt, William V. Liquid mixing and spraying apparatus. 2,743,213, 7-3-56, Cl. 299-84.
- O'Flynn, Denis J., and D. G. Pye, to E. I. du Pont de Nemours and Co. Process for sizing paper with polyethylene. 2,739,058, 3-20-56, Cl. 92-21.
- O'Flynn, Denis J., and W. H. Seymour, to E. I. du Pont de Nemours and Co. Process for sizing paper. 2,764,483, 9-25-56, Cl. 92-21.
- Ogden, Charles T. See—  
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- Ogden, Floyd H. Raising and lowering means for lawn umbrellas. 2,747,591, 5-29-56, Cl. 135-20.
- Ogden, Floyd H., and J. G. Tucker. Card dealing mechanism. 2,760,779, 8-28-56, Cl. 273-149.
- Ogden, Horace R. See—  
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Jaffee, Robert L., Ogden, and Maykuth. 2,754,205.
- Ogden, Hubert S. See—  
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- Ogg, Alvin W. See—  
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- Ogilvie, Herbert L., Wallace, and Ogg. 2,752,452.
- Ogilvie, Harry W. Manual propulsion and steering means for watercraft. 2,751,876, 6-26-56, Cl. 115-32.
- Ogle, Hugh M. See—  
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- Ogle, Hugh M., to General Electric Co. Stabilized full wave self-saturating magnetic amplifier. 2,733,307, 1-31-56, Cl. 179-171.
- Ogle, Hugh M., to General Electric Co. Thermal time-constant circuit. 2,733,404, 1-31-56, Cl. 323-70.
- Ogle, Hugh M., to General Electric Co. Liquid fuel control system for a rocket engine. 2,738,648, 3-20-56, Cl. 60-39, 37.
- Ogle, Hugh M., and C. N. Hood, II, to General Electric Co. Magnetic amplifier circuit. 2,768,345, 10-23-56, Cl. 323-89.
- Ogle, James C., Jr., to Libbey-Owens-Ford Glass Co. Method and apparatus for thermal evaporation. 2,748,026, 5-29-56, Cl. 117-45.
- Ogle, Robert W. Method for imbedding a hollow needle in plastic material. 2,740,192, 4-3-56, Cl. 29-432.
- Ogle, Robert W. Intravenous injector adapter. 2,757,670, 8-5-56, Cl. 123-214.
- Ogle, Robert W. Syringe. 2,757,672, 8-7-56, Cl. 128-218.
- Oglebay, Norton and Co. See—  
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- Oglesby, Frank P., Jr., to the United States of America as represented by the Secretary of the Navy. Dual dials. 2,742,016, 4-17-56, Cl. 116-124.
- Oglesby, La Grande, and H. H. Proctor. Denture-characterizing process. 2,750,818, 6-12-56, Cl. 154-110.
- Oglesby, R. Nicholas E. See—  
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- Oglietree, William A., to Philco Corp. Horizontal deflection system for television receiver. 2,740,070, 3-27-56, Cl. 315-27.
- O'Gorman, Vincent, and R. R. Perron, to United Shoe Machinery Corp. Velocity pickup devices. 2,739,249, 8-20-56, Cl. 310-15.
- Ogorzaly, Henry J., to Esso Research and Engineering Co. Iron ore reduction process. 2,742,353, 4-17-56, Cl. 75-26.
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- Ograbiz, Stephen J. Eviscerating apparatus for poultry. 2,774,101, 12-18-56, Cl. 17-11.
- O'Grady, Charles H. See—  
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- Ogren, Axel E., to The Sherwin-Williams Co. Applicator roll and clamping means therefor. 2,731,657, 1-24-56, Cl. 15-122.5.
- Ogurkowski, Georges, to Landis & Gyr, A. G. Filter circuit for remote control installation. 2,734,173, 2-4-56, Cl. 333-70.
- O'Hair, Allyn. See—  
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- O'Hanlon, Aidan E., and J. W. Cornforth, to Imperial Chemical Industries Ltd. Process for quenching melt extruded film. 2,728,951, 1-3-56, Cl. 18-48.
- O'Hara, John G. See—  
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- Ohaus, Robert E., to Ohaus Scale Corp. Check rod mounting for a weighing scale. 2,729,439, 1-3-56, Cl. 265-54.
- Ohaus Scale Corp. See—  
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- O'Herren, David H., to Radio Corp. of America. Compositions, including polystyrene and terphenyl. 2,750,349, 6-12-56, Cl. 260-23.7.
- O'Higgins, Michael. Tire traction increasing device. 2,767,761, 10-23-56, Cl. 152-218.
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- Newman, Melvin S., and Swaminathan. 2,759,013.
- Ohl, Russell S., to Bell Telephone Laboratories, Inc. Electrical contacting devices. 2,732,464, 1-24-56, Cl. 200-166.
- Ohl, Russell S., to Bell Telephone Laboratories, Inc. Semiconductor translating device. 2,750,541, 6-12-56, Cl. 317-235.
- Ohlander, Martin A. Traverse rods. 2,761,499, 9-4-56, Cl. 160-126.
- Ohlan, Frank. Articulated extension handle for outboard motors. 2,747,425, 5-29-56, Cl. 74-480.
- Ohler, Joh. F. O. H. G. See—  
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- Ohlheimer, Carlton E., to American Instrument Co., Inc. Humidity detector for packages. 2,754,378, 7-10-56, Cl. 20-33.
- Ohlheimer, Carlton E., to American Instrument Co., Inc. Liquid hygrometer. 2,762,218, 9-11-56, Cl. 73-53.
- Ohlinger, Kenneth A. See—  
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- Ohlinger, Leo A., to the United States of America as represented by the United States Atomic Energy Commission. Submerged reactor. 2,743,224, 4-24-56, Cl. 204-193.
- Ohlinger, Leo A., to the United States of America as represented by the United States Atomic Energy Commission. Valve means for charging containers with fluid. 2,746,473, 8-22-56, Cl. 17-74.
- Ohlinger, Leo A., E. P. Wigner, G. J. Young, and A. M. Weinberg, to the United States of America as represented by the United States Atomic Energy Commission. Reactor. 2,743,225, 4-24-56, Cl. 204-193.
- Ohlsen, Helmut. Substantially U-shaped, resilient locking device for use with recessed nut and bolt. 2,773,533, 12-11-56, Cl. 151-6.
- Ohlsen, Rodney M., and G. A. Smith, to Shell Development Co. Automatic metering and sampling station. 2,736,201, 2-28-56, Cl. 73-422.
- Ohlson, John L., and C. W. Hoerr, to Swift & Co. Fatty acid anhydrides. 2,730,530, 1-10-56, Cl. 260-346.8.
- Ohlson, Russell O. See—  
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- Ohlsson, Sven E. W., to Aktiebolaget Svenska Kullagerfabriken. Method for adjusting the clearance in bearings. 2,748,481, 6-5-56, Cl. 29-44.
- Ohlund, Wilfred, to Robert Gair Co., Inc. Bread tray carton and the like. 2,749,019, 6-5-56, Cl. 229-45.
- Ohly, Karl. See—  
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- Ohm, Chancey W. Bar-type rotary server. 2,754,166, 7-10-56, Cl. 312-140.4.
- Ohman, Hans E., to Riley Stoker Corp. Access door. 2,758,554, 8-14-56, Cl. 110-179.
- Ohmart Corp., The. See—  
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- Ohmart, Philip E., to The Ohmart Corp. Control device. 2,763,789, 9-18-56, Cl. 250-83.6.
- Ohmart, Philip E., to The Ohmart Corp. Comparator. 2,763,790, 9-18-56, Cl. 250-83.6.
- Omega Laboratories. See—  
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- Öholm, Gustav V., to Aktiebolaget Svenska Flaktfabriken. Device for feeding of granular materials. 2,732,980, 1-31-56, Cl. 222-427.
- Ohr, Norman T., to Rutherford Press, Inc. Skid inverter. 2,769,557, 11-6-56, Cl. 214-1.
- Ohrmann, William R. Side braces for hydraulic stackers. 2,750,204, 6-12-56, Cl. 280-150.
- Öhrström, Vilhelm T., to A. B. Svenska Kapsylfabriken. Automatically sealable paste tube of plastic or similar material. 2,733,837, 2-7-56, Cl. 222-107.
- Ohso, Ernest O., W. C. Sussky, and L. K. Beach, to Esso Research and Engineering Co. Dehydration of maleic acid to anhydride. 2,729,599, 1-8-56, Cl. 202-42.
- Oil Base, Inc.: *See* Miller, George. 2,773,670.
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- Oil & Chemical Products, Inc.: *See* Schwarzkopf, Otto, and Rascoviski. 2,761,887.
- Oil Equipment Laboratories, Inc.: *See* Ayres, John E. 2,735,590.
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- Oil Recovery Corp.: *See* Lynes, John. 2,738,013, 2,738,018.
- Lynes, John. 2,767,794.
- Oiler, Frank R., to O. Smith. Microfilm printer. 2,769,369, 11-6-56, Cl. 88-24.
- Ollgar Co. The: *See* Davis, Richard E., and Grant. 2,764,365.
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- Oishi, John R., to Trico Products Corp. Vehicle brake and accessory system. 2,732,685, 1-31-56, Cl. 60-60.
- Oishi, John R., to Trico Products Corp. Windshield wiper blade. 2,733,463, 2-7-56, Cl. 15-245.
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- O'Kane, Walter C.: *See* Abramitis, Walter W., O'Kane, and Harwood. 2,740,744.
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- Oldham, Wilfred J.: *See* Wirth, Max M., and Oldham. 2,766,269.
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- Olson, Harry M. Flag display means. 2,775,221, 12-25-56, Cl. 116—175.
- Olson, Henry N. Anchor bolt having wedge shaped expander member secured thereto. 2,774,273, 12-18-56, Cl. 85—2.4.
- Olson, Holly M., to Sealed Power Corp. Piston guide and piston ring wear shield. 2,746,819, 5-22-56, Cl. 309—44.
- Olson, Holly M., to Sealed Power Corp. Combination oil ring and piston guide. 2,705,041, 10-25-56, Cl. 300—44.
- Olson, Holly M., to Sealed Power Corp. Spacer for piston rings. 2,775,495, 12-25-56, Cl. 309—44.
- Olson, Marshall S., and R. C. Lindmark, to N. P. Benson Opt. Co. Spectacles for athletic competitors. 2,774,279, 12-18-56, Cl. 88—43.
- Olson, Milton J. Shadow line shake guide. 2,762,130, 9-11-56, Cl. 33—188.
- Olson, Olaf J. Multipurpose pocket-size harmonica with selective key-change means. 2,744,434, 5-8-56, Cl. 84—377.
- Olson, Oliver D.: *See*—
- Thompson, Thomas F. 2,774,060.
- Olson, Oscar R. Bath furnace conveying device. 2,744,619, 5-5-56, Cl. 198—211.
- Olson, Oscar R. Liquid bath article treating furnace. 2,769,425, 11-6-56, Cl. 118—429.
- Olson, Oscar R. Rack for cooling freshly galvanized pipe. 2,774,459, 12-18-56, Cl. 198—84.
- Olson, Omer L. Variable vibrator. 2,748,609, 6-5-56, Cl. 29—433.
- Olson, Raymond G., to K. T. Snow. Control valve. 2,729,242, 1-3-56, Cl. 137—622.
- Olson, Robert C., to Wood Conversion Co. Fiber-size emulsion and use thereof. 2,754,206, 7-10-56, Cl. 92—21.
- Olson, Robert L.: *See*—
- Harrington, Winfred O., McCready, and Olson. 2,729,566.
- Olson, Robert V., to Mossberg Pressed Steel Corp. Beam head. 2,744,695, 5-8-56, Cl. 242—124.
- Olson, Robert W.: *See*—
- Perry, Edward G., Jr., and Olson. 2,769,142.
- Olson, Samuel, Mfg. Co., Inc.: *See*—
- Da Costa, James S. 2,771,175.
- Olsson, Bror O. A. Trucks for handling concrete and like material. 2,763,388, 9-18-56, Cl. 214—384.
- Olsson, Edwin V.: *See*—
- Sieurin, Sven E., and Olsson. 2,730,283.
- Olsson, Erik M.: *See*—
- Falkman, Hans H., Olsson, and Soberblom. 2,751,718.
- Olsson, Gustaf. Simultaneously movable table and chair. 2,748,856, 6-5-56, Cl. 155—124.
- Olsson, Gunnar D. Damping means for selecting fingers in crossbar switches or the like. 2,735,896, 2-21-56, Cl. 179—27.54.
- Olsson, Gunnar D. Multiple armature marginal relay. 2,767,356, 10-16-56, Cl. 317—189.
- Olsson, Gunnar D. Damping means for selecting bars in crossbar switches. 2,772,327, 11-27-56, Cl. 179—27.54.
- Olsson, Gunnar D. Liquid dispensing razor. 2,747,273, 9-29-56, Cl. 30—11.
- Olsson, Olov J. E., to Storm-Vulcan, Inc. Method and means for grinding cans. 2,732,668, 1-31-56, Cl. 51—101.
- Olsson, Stig A. R. Indicator and the like apparatus with a movable foil. 2,729,006, 1-3-56, Cl. 40—81.
- Olsson, Sven M. J., to Sunrod Mfg. Corp. Electrical reduction furnace having means to protect the walls thereof from heat within the furnace and to utilize otherwise wasted heat. 2,752,410, 6-26-56, Cl. 13—9.
- Orthuis, Eugene C., to General Electric Co. Lighting means for automatic clothes washers. 2,737,573, 3-6-56, Cl. 240—21.
- Olitz, Harold F., to Ar-Tik Systems, Inc. Ice cream freezer. 2,754,664, 7-17-56, Cl. 62—114.
- Olitz, Harold F., to Ar-Tik Systems, Inc. Automatic feed for ice cream freezers. 2,760,344, 8-28-56, Cl. 62—2.
- Olwin, Roy E. Cam operated quick operating hose coupling. 2,761,703, 9-4-56, Cl. 285—326.
- Olympia Brewing Co.: *See*—
- Schmidt, Trueman L., and Bach. 2,754,047.
- Olympia Werke Aktiengesellschaft: *See*—
- Frübel, Arthur. 2,729,986.
- Reichert, Otto. 2,761,330.
- Ri, Albert. 2,747,716.
- Wöhlbier, Günther. 2,775,332.
- O'Malley, John J., to General Motors Corp. Valving associated with variable capacity pump. 2,740,256, 4-3-56, Cl. 60—52.
- O'Malley, John J., to General Motors Corp. Transmission and controls. 2,749,772, 6-12-56, Cl. 74—665.
- O'Malley, Joseph M., to Morgan Construction Co. Bearing assembly for rolling mill. 2,734,406, 2-14-56, Cl. 80—55.
- O'Malley, Joseph M., to Morgan Construction Co. Coupling. 2,769,823, 11-6-56, Cl. 64—3.
- O'Meara, John R.: *See*—
- Volckening, Lloyd L., and O'Meara. 2,737,290.
- Omega Louis Brandt & Frere S. A.: *See*—
- Normann, Turoff. 2,747,481.
- Normann, Turoff. 2,773,734.
- Pagard, Georges. 2,757,063.
- Omke, Donald E. Finish moldings and weather sealing door top molders for automobiles. 2,759,760, 8-21-56, Cl. 296—44.
- Omni Products Corp.: *See*—
- Kominami, Tsuguo, and Ukita. 2,746,947.



- Omocondro, Herschel C., to The Denison Engineering Co. Hydraulic pump construction. 2,753,802, 7-10-56, Cl. 103-5.
- Omon, Gene L., to J. I. Case Co. Hydraulic system. 2,763,746, 10-10-56, Cl. 103-5.
- Omon, Gene L., and K. E. Hohnl, to J. I. Case Co. Coupling. 2,735,696, 2-21-56, Cl. 284-19.
- Omon, Gene L., and E. C. Thayer, to J. I. Case Co. Tractor implement hitch having a positive locking latch. 2,769,646, 1-10-56, Cl. 280-504.
- Onak, Frank M.: *See*—
- Bredtshneider, Kurt B., and Onak. 2,771,498.
- Onanian, Keith. Parachute deceleration device. 2,730,317, 1-10-56, Cl. 244-152.
- Onanian, Richard A. Pencil sharpeners. 2,769,428, 11-6-56, Cl. 130-96.
- Ondratschek, Lyda: *See*—
- Hofer, Hans A. W. 2,767,612.
- O'Neal, Cleon D., to Philco Corp. Phonograph stylus. 2,759,732, 8-21-56, Cl. 274-38.
- Onelda Ltd.: *See*—
- Gray, Daniel. 2,749,210.
- O'Neill, Charles S.: *See*—
- Brown, Clifford S., and O'Neill. 2,750,052.
- O'Neill, Francis E., to Draper Corporation. Shuttle spring. 2,729,247, 1-3-56, Cl. 138-207.
- O'Neill, John B., to Plymouth Cordage Co. Lubricated fiber strand. 2,746,887, 5-22-56, Cl. 117-139.5.
- O'Neill, John G., to Weicon Corp. Machine for filling and sealing a container. 2,729,377, 1-3-56, Cl. 226-75.
- O'Neill, John G., to Weicon Corp. Apparatus for operating on container. 2,755,712, 7-24-56, Cl. 93-39.2.
- O'Neill, William E.: *See*—
- Tasker, Homer G., and O'Neill. 2,751,587.
- O'Neill, William T., to Gillilan Bros., Inc. Overtake warning and wave-off. 2,774,064, 12-11-56, Cl. 343-7.
- O'Neill, George D., to Sylvania Electric Products Inc. Primary emission controlled tube. 2,756,360, 7-24-56, Cl. 313-103.
- O'Neill, James A. Illuminated traffic signal. 2,769,162, 10-30-56, Cl. 340-84.
- O'Neill, James J. Can opening and dispensing apparatus. 2,759,634, 8-21-56, Cl. 222-83.
- O'Neill, John J., Jr.: *See*—
- Holmes, Raymond S., Baldridge, O'Neill, and Silk. 2,771,351.
- O'Neill, John J., Jr., to Olin Mathieson Chemical Corp. Electric blasting cap and perforating gun containing said cap. 2,759,417, 8-21-56, Cl. 102-30.
- O'Neill, John J., Jr., to Olin Mathieson Chemical Corp. Process of preparing propellants. 2,771,352, 11-20-56, Cl. 52-20.
- O'Neill, John J., Jr., and G. R. Cox, to Olin Mathieson Chemical Corp. Process for producing globular propellant powders. 2,740,704, 4-3-56, Cl. 52-20.
- O'Neill, John J., Jr., and G. R. Cox, to Olin Mathieson Chemical Corp. Process of manufacturing globular propellant powder. 2,740,705, 4-3-56, Cl. 52-20.
- O'Neill, Paul A., to Union Machine Co. Dispensing apparatus for paint, lacquer, or the like. 2,757,910, 8-7-56, Cl. 259-108.
- O'Neill, Ralph A. Changeable sign. 2,731,745, 1-24-56, Cl. 40-76.
- O'Neill, Ralph A. Folding chair. 2,737,231, 3-6-56, Cl. 153-142.
- O'Neill, Ralph A. Folding metal deck chair frame and method of making and assembling same. 2,765,525, 10-9-56, Cl. 29-428.
- O'Neill, Richard J., to Bell Aircraft Corp. Magnetic relay. 2,759,062, 8-14-56, Cl. 200-87.
- O'Neill, Robert C.: *See*—
- Basso, Arthur J., and O'Neill. 2,731,382.
- Basso, Arthur J. and O'Neill. 2,762,743.
- O'Neill, Robert C., and A. J. Basso, to Merck & Co., Inc. Substituted urea-amide complex. 2,731,383, 1-17-56, Cl. 167-53.1.
- O'Neill, Robert C., and A. J. Basso, to Merck & Co., Inc. 2-thiopyridine substituted urea complex. 2,731,384, 1-17-56, Cl. 167-53.1.
- O'Neill, Robert C., and A. J. Basso, to Merck & Co., Inc. 3-amino-5-triazine, substituted urea complexes and processes for preparing the same. 2,731,385, 1-17-56, Cl. 167-53.1.
- O'Neill, Robert C., A. J. Basso, and K. Pfister, III, to Merck & Co., Inc. 1-substituted, 3-(5-nitro-2-thiazolyl)ureas. 2,755,285, 7-17-56, Cl. 260-306.8.
- O'Neill, Robert C., and A. J. Basso, to Merck & Co., Inc. 1-(4-nitro phenyl)-3-(2-pyrimidyl) urea compound for the treatment of candidosis and method of preparing the same. 2,762,742, 9-11-56, Cl. 167-53.1.
- One-in-Hand-Tea Co.: *See*—
- Less, Joseph W. 2,752,604.
- Onsgar, Theodore, to International Research and Development Corp. Filtering cell prod. for vibratory pick-up devices. 2,753,948, 7-10-56, Cl. 181-33.
- Onsgar, Theodore, to International Research and Development Corp. Voltage generating vibratory pick-up devices. 2,754,435, 7-10-56, Cl. 310-27.
- Onia, John: *See*—
- Lapham, Edmund F., Jr., Onia, and Sirvis. 2,738,925.
- Onksen, George W.: *See*—
- Clayton, David P., and Onksen. 2,748,207.
- Falge, Robert M., Miller, and Onksen. 2,760,114.
- Foland, Francis K., Onksen, and Todd. 2,747,139.
- Gaither, Raymond A., and Onksen. 2,767,306.
- Onksen, George W.: *See*—Continued
- Miller, Charles W., and Onksen. 2,742,592.
- Miller, Charles W., Todd, and Onksen. 2,767,347.
- Onksen, George W., J. W. Cole, and R. A. Gaither, to General Motors Corp. Lens. 2,762,912, 9-11-56, Cl. 240-106.1.
- Onksen, George W., and C. A. Hokans, to General Motors Corp. Vergé lamp. 2,767,305, 10-16-56, Cl. 240-41.3.
- Onksen, George W., Jr.: *See*—
- Falge, Robert N., Onksen, Todd, and Miller. 2,762,932.
- Onksen, George W., Jr., to General Motors Corp. Vehicle illumination system. 2,731,584, 1-17-56, Cl. 315-81.
- Onksen, George W., Jr., and C. W. Miller, to General Motors Corp. Headlight dimmer system. 2,754,452, 7-10-56, Cl. 315-83.
- Onksen, George W., Jr., C. W. Miller, and R. N. Falge, to General Motors Corp. Light collector for photosensitive element. 2,762,930, 9-11-56, Cl. 250-215.
- Ono, Iwago. Plastic modified nets. 2,772,193, 11-27-56, Cl. 134-54.
- Onondaga Pottery Co.: *See*—
- Arelt, Eugene G. 2,755,531.
- Arelt, Eugene G. 2,762,329.
- Onsrud Machine Works, Inc.: *See*—
- Groen, Willem. 2,745,322.
- Onsrud, Rudolph E. 2,734,428.
- Onsrud, Rudolph F., to Onsrud Machine Works, Inc. Universal router. 2,734,428, 2-14-56, Cl. 90-15.
- Onstad, Nordahl I. Method and apparatus for automatically controlling certain operations in a production plant by sensing by electro-magnetic induction the density, velocity and rate of flow of flowing magnetic material. 2,760,769, 8-28-56, Cl. 266-1.
- Onstad, Ragnar E.: *See*—
- Hambrecht, Albert H., and Onstad. 2,754,928.
- Ontario Research Foundation: *See*—
- Marshall, Harry B., and Curran. 2,772,139.
- Marshall, Harry B., and Krizsan. 2,772,140.
- Oom, Benjamin J.: *See*—
- Henrikson, Bror W., Hoven, Nordmark, and Oom. 2,760,556.
- Henrikson, Bror W., Hoven, Nordmark, and Oom. 2,760,561.
- Morgan, Erving B., Oom, and Spencer. 2,729,275.
- Ooms, Hugo T. G. Biscuit-cutting machines. 2,770,203, 11-13-56, Cl. 107-24.
- Oosterhout, Johan C. D., W. L. Banks, and W. F. Glassmire. Process of manufacture of alkenyl succinic acid. 2,741,597, 4-10-56, Cl. 252-56.
- Oosterkamp, Wijbe J., to Hartford National Bank and Trust Co., as trustee. Measuring chamber for X-rays. 2,736,833, 2-28-56, Cl. 313-33.
- Oosterkamp, Wybe J.: *See*—
- Boldingh, Willem H., Hardenberg, Oosterkamp, and Verhoef. 2,751,504.
- Opalek, John J., and R. D. Howells, to Westinghouse Electric Corp. Wiring device having spring securing means for mounting it on a perforated panel. 2,757,353, 7-31-56, Cl. 328-8.
- Opel, Lawrence G., and A. W. Kimball, Sr., to Westinghouse Electric Corp. Dynamoelectric machine. 2,773,203, 12-4-56, Cl. 310-65.
- Opfermann, Adolf C. J. Process for preparing  $\beta$ -chloropropionic acid. 2,759,018, 8-14-56, Cl. 260-539.
- Opfermann, Adolf C. J. Process for the production of amino-carboxylic acids and their N-substituted derivatives. 2,773,093, 12-4-56, Cl. 260-534.
- Oppenorth, John E., and H. M. Hanson. Container vending machine. 2,771,215, 11-20-56, Cl. 221-251.
- Ophuls, Fred, and W. E. Bernd. Cooling towers. 2,733,055, 1-31-56, Cl. 261-24.
- Opie, John. Machine for compressing meat bodies and for packaging same. 2,730,286, 1-10-56, Cl. 226-101.
- Opie, Joseph W., to General Mills, Inc. Starch carbonate. 2,767,171, 10-16-56, Cl. 260-233.3.
- Opie, Joseph W., R. Nordgren, and R. M. Hamilton, to General Mills, Inc. Process of reducing the viscosity of gums. 2,767,167, 10-16-56, Cl. 260-209.
- Opie, William R.: *See*—
- Svanstrom, Kjell A., and Opie. 2,749,295.
- Oplinger, Kirk A.: *See*—
- Opocensky, Willard J., H. Buseth, and C. R. Cole, to Librascope, Inc. Boring machine. 2,742,801, 4-24-56, Cl. 77-63.
- Oppegard, Assur G.: *See*—
- Moklebust, Olav, and Oppegard. 2,771,354.
- Oppegard, Assur G., to National Lead Co. Method for decomposition of titaniferous ores. 2,774,650, 12-18-56, Cl. 23-117.
- Oppel, Heinz C. Beater type topping machine. 2,759,318, 8-21-56, Cl. 56-26.
- Oppel, Heinz C. Cooperating rotatable disk type beet harvester. 2,773,343, 12-11-56, Cl. 55-108.
- Oppenheimer, Frank, to the United States of America as represented by the United States Atomic Energy Commission. Ion producing mechanism. 2,733,346, 1-31-56, Cl. 250-41.9.
- Oppenheimer, Frank F., to the United States of America as represented by the United States Atomic Energy Commission. Ion producing mechanism. 2,745,017, 5-8-56, Cl. 250-41.9.
- Oppman, Joseph. Hair curler. 2,741,249, 4-10-56, Cl. 132-41.

- Opsahl, Alert M.: *See*—  
Beck, Edward F. W., and Opsahl. 2,763,818.
- Opsahl, Alert M. to Westinghouse Electric Corp. Electric apparatus having a protective gap. 2,735,040, 2-14-56, Cl. 317-16, 2-15-56, Cl. 215-12.
- Opsahl, Alert M., to Westinghouse Electric Corp. Temperature compensated reclosers. 2,773,149, 12-4-56, Cl. 200-89.
- Opsahl, Eugene G., to American Steel Foundries. Brake beam. 2,751,050, 6-19-56, Cl. 188-226.1.
- Opsahl, Eugene G., to American Steel Foundries. Brake beam. 2,762,465, 9-11-56, Cl. 188-222.6.
- Opstink, William. Non-drip insert for bottles. 2,750,063, 12-12-56, Cl. 215-12.
- Optical Measuring Tools Ltd.: *See*—  
Dietrich, Cornelius F., and Smith. 2,742,815.
- Optical Plastics Corp.: *See*—  
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- Oquist, Robert M. Hoop rolling paddle. 2,738,619, 3-20-56, Cl. 46-230.
- Oram, Morris: *See*—  
Holman, Richard C., Oram, and James. 2,738,769.
- Oraton Co., The: *See*—  
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- Orave, Emil G., to Tectron American, Inc. Electromagnetic vibration exciter. 2,734,138, 2-7-56, Cl. 310-27.
- Orave, Emil G., to Tectron American, Inc. Vibration isolator. 2,751,179, 6-19-56, Cl. 248-358.
- Oravets, Elizabeth B. Toy school. 2,734,307, 2-14-56, Cl. 46-12.
- Orazi, Paolo, and G. Bettini. Improvements in pistons. 2,753,252, 7-8-56, Cl. 309-15.
- Orchard Brothers Inc.: *See*—  
Zarnowski, Frank J. 2,748,866.
- Orchard, David W., to J. E. Cole. Multiple speed bicycle transmission. 2,759,373, 8-21-56, Cl. 74-750.
- Ord, George R.: *See*—  
Prior, William C., and Ord. 2,752,854.
- Ord, Lewis R., to Techron Ltd. Hydraulic accumulator. 2,743,741, 5-1-56, Cl. 138-31.
- Ordling, James R., to Esso Research and Engineering Co. Seismic exploration apparatus. 2,759,552, 8-21-56, Cl. 181-5.
- Ore & Chemical Corp., The: *See*—  
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- Oregon Saw Chain Corp.: *See*—  
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Cox, Joseph B. 2,747,623.  
Cox, Joseph B. 2,747,624.
- Orehoski, Michael A.: *See*—  
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- O'Reilly, Wallace M., to Esso Research and Engineering Co. Back pressure regulator for wells. 2,757,741, 8-7-56, Cl. 166-118.
- Orelind, John R.: *See*—  
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- Orelind, John R., to International Harvester Co. Implement attaching structure for tractors. 2,757,020, 7-31-56, Cl. 280-504.
- Orelind, John R., E. F. Huddle, and E. S. Ulm, Jr., to International Harvester Co. Balanced mower. 2,769,297, 11-6-56, Cl. 56-306.
- Orem, Thomas R.: *See*—  
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- Orenda Engines Ltd.: *See*—  
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- Orenick, Emil. Mechanical movement. 2,751,789, 6-28-56, Cl. 74-57.
- Orent, Edward: *See*—  
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- Orent, Edward, and S. F. Kutsche, to General Motors Corp. Engine fuel system. 2,731,976, 1-24-56, Cl. 137-118.
- Orfield, Horace M.: *See*—  
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- "Organico": *See*—  
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- Organon Inc.: *See*—  
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- Organon Laboratories Ltd.: *See*—  
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- Oriel, Benjamin J. Construction of improved traffic signal light-time lapse indicator. 2,738,002, 2-21-56, Cl. 340-43.
- Origins Inc.: *See*—  
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- Orlando, Carl, to the United States of America as represented by the Secretary of the Army. Method and means for evaluating density characteristics of photographic negatives. 2,748,649, 6-5-56, Cl. 88-14.
- Orlando, Carl, to the United States of America as represented by the Secretary of the Army. Moving object indicator. 2,774,961, 12-18-56, Cl. 340-258.
- Orloff, George, to British Messier Ltd. Rotary engines. 2,762,307, 9-11-56, Cl. 103-49.
- Orloff, Harold D.: *See*—  
Kolka, Alfred J., and Orloff. 2,729,683.
- Orme, John A. Method of removing insulating coatings from wires. 2,751,317, 6-19-56, Cl. 117-231.
- Ormes, David W. Purging system for refrigerant. 2,767,554, 10-4-56, Cl. 62-2.
- Ormsby, Robert B., Jr., to The United States of America as represented by the Secretary of the Navy. Strain gage axial force unit. 2,741,120, 4-10-56, Cl. 73-141.
- Ornas & La Barre: *See*—  
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- Orne, Donald: *See*—  
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- Orne, Herman, 33 1/2% to D. Orne, and 33 1/2% to W. Orne. 2,771,222, 11-20-56, Cl. 222-171.
- Orne, Wilbur: *See*—  
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- Orner, Harry. Screw-tensioning device. 2,734,412, 2-14-56, Cl. 81-52.4.
- Ornitz, Nathaniel B., to Blaw-Knox Co. Furnace conveyor roll. 2,727,872, 12-4-56, Cl. 263-6.
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De Nora, Vittorio, and de Bartholomaeis. 2,750,429.
- Orosnik, William, to Ortho Pharmaceutical Corp. Reduction process. 2,744,142, 5-1-56, Cl. 260-611.
- Orozco, Gilbert H., to Pennsylvania Salt Mfg. Co. Lubricating composition. 2,753,804, 7-3-56, Cl. 252-18.
- Orr, Arthur: *See*—  
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- Orr, F. J.: *See*—  
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- Orr, Fingal C. Spray device. 2,745,699, 5-15-56, Cl. 299-269.
- Orr, Francis L. Lawn edger. 2,746,229, 5-22-56, Cl. 56-256.
- Orr, Howard S.: *See*—  
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- Orr, John H., and A. Tepitz, to United States Steel Corp. Apparatus for accelerating convective heat transfer between a solid and a gas. 2,736,548, 2-28-56, Cl. 263-3.
- Orr, Jack A. Handle with floral pieces. 2,737,746, 3-13-56, Cl. 15-12.
- Orr, John E., to Carbodies Ltd. Apparatus for operating a pivoted member. 2,739,484, 3-27-56, Cl. 74-99.
- Orr, John H., to Carbodies Ltd. Stowing a drop-head of a motor car body. 2,750,227, 6-12-56, Cl. 296-65.
- Orr, Lyman W.: *See*—  
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- Orr, Marcus O., to The B. F. Goodrich Co. Fabric-backed sponge gasket and method of making same. 2,744,847, 5-8-56, Cl. 154-93.
- Orr, Nolan B., to General Motors Corp. Turbine bearing support. 2,747,722, 5-8-56, Cl. 253-39.1.
- Orr, Palmer, to Borg-Warner Corp. Transmission lubrication. 2,762,233, 9-11-56, Cl. 74-467.
- Orr, Palmer, to Borg-Warner Corp. Transmission control. 2,768,534, 10-30-56, Cl. 74-472.
- Orr, Palmer, to Borg-Warner Corp. Transmission. 2,771,795, 11-27-56, Cl. 74-781.
- Orr, Palmer, and D. W. Kelbel, to Borg-Warner Corp. Power steering mechanism. 2,775,132, 12-25-56, Cl. 74-388.
- Orr, Robert H. Parking structure. 2,755,941, 7-24-56, Cl. 214-16.1.
- Orr, Rufus M. Differential housing cradle. 2,748,459, 6-5-56, Cl. 29-284.
- Orr & Sembower Inc.: *See*—  
Garraway, George H., and Kirkup. 2,753,927.
- Orr, Stanley C.: *See*—  
Monroe, Paul S., Krapp, and Orr. 2,762,611.
- Orrell, John E., to Shell Development Co. Underwater oil precipitator. 2,767,802, 10-23-56, Cl. 183-27.
- Orrell, Joseph B., and A. F. Wilschusen, to Drumstick, Inc. Confection machine. 2,735,398, 2-21-56, Cl. 118-28.
- Orretzky, Isaac. Photographic developer. 2,757,091, 7-31-56, Cl. 95-88.
- Orsatti, Ernest R. 1/2 to J. G. Moser. Signal light and reflector. 2,767,304, 10-16-56, Cl. 240-8.2.
- Orsatti, Louis A., 1/2 to L. B. Lunetta and 1/2 to R. Borrelli. Baseball base. 2,758,999, 7-31-56, Cl. 273-25.
- Orschel, Joseph E., to Stoffel Seals Corp. Cord seal lock. 2,740,654, 4-3-56, Cl. 292-329.
- Orser, Keith L., and R. D. Clapp, to Columbian Rope Co. Resilient fiber pad and method of making same. 2,746,894, 5-22-56, Cl. 154-101.
- Orser, William D., to Eastman Kodak Co. Optical scanning objective lens system for inspection devices. 2,747,466, 5-29-56, Cl. 88-57.
- Orshansky, Elias, Jr. Pump or motor for high hydraulic pressures. 2,741,993, 4-17-56, Cl. 103-161.
- Orsini, Nello J. Marble game apparatus. 2,753,187, 7-3-56, Cl. 273-120.
- Orsino, Joseph A.: *See*—  
Greeneburg, Reginald H., and Orsino. 2,759,036.  
Greeneburg, Reginald H., and Orsino. 2,759,037.
- Örström, Gustaf, and H. Örtmark, to Arenco Aktiebolag. Bag filling machines. 2,754,646, 7-17-56, Cl. 53-188.
- Ortega Mario D. deceased; P. A. Ortega, administratrix. Vacuum cleaning device. 2,731,103, 1-17-56, Cl. 183-37.
- Ortega, Pauline A.: *See*—  
Ortega, Mario D. 2,731,103.
- Ortengren, Herman A., to Federal-Mogul-Bower Bearings, Inc. Rotary magnetic chuck. 2,741,481, 4-10-56, Cl. 279-1.



- Ortengren, Herman A., to Federal-Mogul-Bower Bearings, Inc. Machine for end-grinding tapered rollers. 2,754,635, 7-27-56, Cl. 51—134.
- Ortendahl, Andrew L., to Farrington Mfg. Co. Display case with elevating article support. 2,755,921, 7-24-56, Cl. 206—45.13.
- Orth, Hermann: *See—*
- Diels, Albert, and Orth. 2,761,768.
- Orthner, Ludwig, and M. Reuter, to Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Brunning. Process for rendering fibrous material water-repellent. 2,774,689, 12-18-56, Cl. 117—135.5.
- Ortho Pharmaceutical Corp.: *See—*
- Berliner, Victor R., Mende, and Singher. 2,752,284.
- Kupferberg, Alfred B., Mende, Millman, and Singher. 2,735,798.
- Kupferberg, Alfred B., and Singher. 2,761,809.
- Kupferberg, Alfred B., and Singher. 2,761,811.
- Oroschnik, William. 2,744,142.
- Singher, Heron O., Kupferberg, and Lowy. 2,761,810.
- Singher, Heron O., and Lowy. 2,761,808.
- Orthuber, Richard K., to International Telephone and Telegraph Corp. Electron discharge device. 2,766,398, 10-9-56, Cl. 15.
- Orthuber, Richard K., J. E. Clemens, and B. B. Johnstone. Electrostatic shutter mosaic and method of manufacture. 2,733,501, 2-7-56, Cl. 29—25.17.
- Orthuber, Richard K., J. E. Clemens, and B. B. Johnstone, to the United States of America as represented by the United States Air Force. Method of preparing electrostatic shutter mosaics. 2,749,598, 6-12-56, Cl. 29—25.17.
- Orthwine, Rudolf. Needle. 2,741,409, 4-10-56, Cl. 223—102.
- Orthwine, Rudolf. Deep friction generator. 2,755,798, 7-24-56, Cl. 128—62.
- Ortloff, John E., to Esso Research and Engineering Co. Re-charging device for pellet impact drill bits. 2,735,655, 2-21-56, Cl. 255—61.
- Ortloff, John E., to Esso Research and Engineering Co. Re-charging cooled drill bit. 2,740,651, 4-3-56, Cl. 287—55.
- Ortloff, John E., to Esso Research and Engineering Co. Hard formation retractable drill bit. 2,771,275, 11-20-56, Cl. 255—61.
- Ortmark, Helge: *See—*
- Örström, Gustaf, and Ortmark. 2,754,646.
- Orton, Melvern H., J. Schultz, and B. Walker. Phonograph pickup and the like. 2,769,938, 10-30-56, Cl. 179—100.41.
- Ortusi, Antoine, and J. C. Simon, to Compagnie Generale de Telegraphie Sans Fil. Hertzian optics. 2,763,860, 9-18-56, Cl. 343—753.
- Orwin, Milton. Multiple-outlet sill cock unit. 2,762,387, 9-11-56, Cl. 137—360.
- Orwin, Edward F., to Food Machinery and Chemical Corp. Method of increasing the colloidal sulfur content of bentonite-sulfur mixture. 2,773,797, 12-11-56, Cl. 167—20.
- Orzel, Paul, deceased, by E. Orzel, administratrix, to said E. Orzel, personally, J. Lichtenstein, and W. J. Rooney. Cooling towers. 2,760,764, 8-28-56, Cl. 261—30.
- Oseger, Chester F., and C. B. Cooper, to General Dynamics Corp. Waste disposal device. 2,771,533, 11-20-56, Cl. 219—19.
- Osborn, William O.: *See—*
- Beatty, Charles G., and Osborn. 2,761,818.
- Osborn, Adwin R., and O. A. Insley. Aerator for minnow bucket. 2,757,616, 8-7-56, Cl. 261—121.
- Osborn, Harry B., Jr., to The Ohio Crankshaft Co. Method of manufacturing hollow tubular articles. 2,730,472, 1-10-56, Cl. 148—10.5.
- Osborn, Kenneth R., D. A. Peterson, and J. C. Sloan, Jr., to Allied Chemical & Dye Corp. Continuous process for cooling liquid sulfur. 2,767,061, 10-16-56, Cl. 23—224.
- Osborn Mfg. Co., The: *See—*
- Benyak, John B. 2,755,496.
- Ellms, Robert W. 2,748,625.
- Nelson, Brooks E., and Peterson. 2,740,148.
- Peterson, Ruben O. 2,739,428.
- Peterson, Ruben O. 2,744,277.
- Peterson, Ruben O. 2,748,412.
- Peterson, Ruben O. 2,755,608.
- Peterson, Ruben O. 2,757,400.
- Peterson, Ruben O. 2,757,401.
- Peterson, Ruben O. 2,757,486.
- Peterson, Ruben O. 2,766,564.
- Peterson, Ruben O. 2,773,275.
- Osborn, Ralph C. Vacuum cleaner. 2,745,512, 5-15-56, Cl. 183—37.
- Osborn, Ralph C. Vacuum cleaner. 2,771,151, 11-20-56, Cl. 183—37.
- Osborn, William T. Sharpening unit for mower blades. 2,738,624, 3-20-56, Cl. 51—33.
- Osborne, Fay H. Beverage infuser. 2,732,787, 1-31-56, Cl. 99—306.
- Osborne, Lloyd M., and O. J. Garant. Stapling machine. 2,774,968, 12-25-56, Cl. 1—44.4.
- Osborne, Robert J. Tray holder. 2,745,619, 5-15-56, Cl. 248—226.
- Osborne, Stuart B. Rotary-acting fowl tendon puller and leg severer. 2,731,664, 1-24-56, Cl. 17—11.3.
- Osborn, Wiley W. Fishing float. 2,735,589, 7-24-56, Cl. 43—15.
- Osburn, Henry G. Drill pipe float valve. 2,744,727, 5-8-56, Cl. 255—28.
- Osburn Mfg. Co., The: *See—*
- Nelson, Brooks E., and Peterson. 2,756,109.
- Ose, John. Truck scraper. 2,769,256, 11-6-56, Cl. 37—126.
- Osgood, Charles F., Jr., W. M. Grosvenor, Jr., J. I. McMartin, and F. Schirmer, to General Strapping Corp. Automatic wire strapping machine. 2,748,692, 6-5-56, Cl. 100—27.
- Osgood Co., The: *See—*
- White, Fred L. 2,774,484.
- Osgood, Walter P., to Boston Machine Works Co. Machine for producing eyelet stays. 2,766,826, 10-16-56, Cl. 164—68.
- O'Shea, John B. Safety razors. 2,729,888, 1-10-56, Cl. 30—30.5.
- O'Shei, William E. Differential fluid pressure motors. 2,731,954, 1-24-56, Cl. 121—186.
- O'Shei, William E. Windscreen wiper blades. 2,739,336, 3-27-56, Cl. 15—245.
- O'Shei, William E. Windscreen wiper blades. 2,739,337, 3-27-56, Cl. 15—245.
- O'Shei, William E. Windscreen wipers. 2,739,339, 3-27-56, Cl. 15—255.
- O'Shei, William E., and R. D. Tomlin; said Tomlin assor, to said O'Shei. Driving connection for windscreen wipers. 2,760,801, 2-28-56, Cl. 287—53.
- O'Shields, William T. Bobbin support stop. 2,766,780, 10-16-56, Cl. 139—251.
- Oshinski, Charles J.: *See—*
- Kleiber, Donald J., Oshinski, and Rogers. 2,766,808.
- Oshkosh Truck and Luggage Co.: *See—*
- Plotkin, Joseph H. 2,745,524.
- Oshry, Howard I.: *See—*
- Steigewalt, Oliver I., and Oshry. 2,753,523.
- Steigewalt, Oliver I., and Oshry. 2,757,443.
- Osins, Adolph P. Fluid pump. 2,765,751, 10-9-56, Cl. Oslund, Herbert D. Machine for trimming the finger plate on a piano key. 2,770,268, 11-13-56, Cl. 144—2.
- Osman, Lee E., to General Electric Co. Iron base high temperature alloy. 2,744,821, 5-8-56, Cl. 75—124.
- Osman, Mitchell C., to Radio Corp. of America. Electroplating rack. 2,751,845, 5-19-56, Cl. 204—297.
- Osmar, John J. Electric dust precipitator. 2,748,887, 6-5-56, Cl. 183—7.
- Osmose Wood Preserving Co. of America, Inc.: *See—*
- Fahlstrom, George B. 2,757,121.
- Osmun, Dean W. Grappling tool. 2,743,130, 4-24-56, Cl. 294—102.
- Osner, Clarence W., to Pullman-Standard Car Mfg. Co. Freight car side door traveler. 2,740,154, 4-3-56, Cl. 16—88.
- Osner, Clarence W., to Pullman-Standard Car Mfg. Co. Interbalanced berth arrangement. 2,746,063, 5-22-56, Cl. 5—9.
- Osojnak, Boris M., to Heyl & Patterson, Inc. Sintering machine. 2,745,659, 5-15-56, Cl. 266—21.
- Osowski, Baltazar J., 1/2 to F. E. Stacknik. Rotatable connecting means for lamps. 2,732,486, 1-24-56, Cl. 240—61.12.
- Ospeit, Gustav: *See—*
- Scheitlerlein, Andreas. 2,739,574.
- Schreiber, Erich. 2,747,556.
- Osperling, Joseph N., to California Spray-Chemical Corp. Purification and recovery of maleic anhydride. 2,734,854, 2-14-56, Cl. 202—42.
- Osplack, Joseph J., to Vinco Corp. Abrasive wheel dresser. 2,735,419, 2-21-56, Cl. 125—11.
- Osplack, Joseph J., and A. S. Beam, to Vinco Corp. Conical involute gearing. 2,747,424, 5-29-56, Cl. 74—459.5.
- Osserman, Stanley, and E. C. Nicholides, to Dictograph Products Co., Inc. Hearing aid apparatus. 2,760,940, 9-25-56, Cl. 179—107.
- Ossino, Salvatore. Pole supported fruit picker with pivoted outer. 2,746,232, 5-22-56, Cl. 56—336.
- Oster, Fred C. Spring sash balance. 2,774,119, 12-18-56, Cl. 20—52.
- Oster, John Mfg. Co. J.: *See—*
- Doerner, Otto D. 2,765,009.
- Jones, Paul C. 2,768,663.
- Kohls, Erich E., and Thompson. 2,747,845.
- Luther, William P. 2,733,052.
- Luther, William P. 2,733,396.
- Oster Mfg. Co., The: *See—*
- Chasar, Anthony R. 2,744,757.
- Oster, Thomas H., to Ford Motor Co. Process of burning solid fuel to produce slag suitable for Portland cement. 2,745,687, 5-15-56, Cl. 269—53.
- Oster, Thomas H., to Ford Motor Co. Method of reducing ores by a particular fuel combustion mixture. 2,745,732, 5-15-56, Cl. 75—26.
- Oster, Thomas H., to Ford Motor Co. Apparatus and process for the reduction of ores to metal. 2,745,733, 5-15-56, Cl. 75—40.
- Oster, Thomas H., to Ford Motor Co. Metal reduction and combustion process. 2,745,734, 5-15-56, Cl. 75—40.
- Oster, Thomas H., to Ford Motor Co. Process of reducing metallic ores with gases. 2,745,737, 5-15-56, Cl. 75—91.
- Osterberg, Harold, to American Optical Co. Microscope with variable means for gradually altering the contrast in optical images. 2,732,759, 1-31-56, Cl. 85—39.
- Osterberg, Kenneth A. Fishing sinker. 2,753,653, 7-10-56, Cl. 43—44.91.
- Osterberg, Samuel O., bankrupt; C. J. McGovern, trustee, to J. Clark and M. Saklad. Mask for applying gases. 2,764,152, 9-25-56, Cl. 128—142.

- Ostergaard, Anders. Apparatus for mounting and dismounting piston rings. 2,763,922, 9-25-56, Cl. 29—225.
- Ostergaard, Veronika. Hand sewing needle. 2,740,568, 4-3-56, Cl. 223—102.
- Ostergren, Axel H. *See—*
- Kogel, Wilhelm G., Boren, and Ostergren. 2,773,359.
- Ostergren, Axel H., and K. G. Bore. To Akebeholaget Elektrolux. Electrically operated absorption refrigeration apparatus. 2,736,175, 2-28-56, Cl. 62—119.5.
- Ostergren, Ralph H., S. J. Goldberg, R. B. Horsfall, Jr., and J. M. Wuerth, to North American Aviation, Inc. Velocity meter. 2,769,492, 11-6-56, Cl. 161—18.
- Osterhof, Harold J. *See—*
- Gates, George H., and Osterhof. 2,763,897.
- Osterhoudt, Delmer D. Carbon saver for motion picture projectors. 2,736,836, 2-28-56, Cl. 314—1.
- Osterhus, Edwin J. *See—*
- Richards, Archer W., and Osterhus. 2,737,213.
- Ostermeyer, Gustavus A. Trap device for rodents and the like. 2,733,542, 2-7-56, Cl. 43—83.5.
- Osterreichische Stickstoffwerke Aktiengesellschaft. *See—*
- Bretschneider, Hermann, and Klotzer. 2,774,756.
- Ostertag, Karl. *See—*
- Eggink, Heinz, Elling, Ettinger, Ostertag, and Schulze. 2,758,464.
- Osthoff, Robert C. *See—*
- Hurd, Dallas T., and Osthoff. 2,737,506.
- Kantor, Simon W., and Osthoff. 2,753,365.
- Osthoff, Robert C., and S. W. Kantor, to General Electric Co. High molecular weight solid polymethylene and method for preparing the same. 2,731,218, 6-5-56, Cl. 260—2.
- Ostline, John E., to Automatic Electric Laboratories, Inc. Toll ticketing telephone systems. 2,740,836, 4-3-56, Cl. 179—71.
- Ostline, John E., to Automatic Electric Laboratories, Inc. Telephone systems. 2,743,197, 5-29-56, Cl. 179—27.
- Ostline, John E., to Automatic Electric Laboratories, Inc. Telephone systems. 2,763,725, 9-18-56, Cl. 179—27.
- Ostline, John E., to Automatic Electric Laboratories, Inc. Toll ticketing telephone systems. 2,771,510, 11-20-56, Cl. 179—27.
- Ostling, Carl A., and H. C. Hodgkins, to United States Rubber Co. Method and apparatus for forming tires. 2,763,817, 9-18-56, Cl. 154—9.
- Östlund, Karl B., to Stora Kopparbergs Bergslags Aktiebolaget. Clutching tong. 2,743,954, 5-1-56, Cl. 294—113.
- Östnäs, Anders K. A. Quick detachable article carriers. 2,743,894, 5-1-56, Cl. 248—317.
- Otander, Elinor H., to the United States of America as represented by the Secretary of the Navy. Wetting head press. 2,762,559, 9-11-56, Cl. 136—122.
- Ostrandner, Lester V., to General Motors Corp. Intake and exhaust manifold. 2,760,780, 10-5-56, Cl. 123—52.
- Ostrandner, Robert K., to Uneda Doll Co., Inc. Walking dolls. 2,739,417, 3-27-56, Cl. 46—149.
- Ostrak, Joseph, to Joy Mfg. Co. Sockets for flat blade pins. 2,746,024, 5-15-56, Cl. 339—256.
- Ostrega, Henry J. *See—*
- Sak, Alexander J. and E. S., and Ostrega. 2,751,251.
- Ostrov, George. *See—*
- Isoff, Helaine P., and Ostrov. 2,753,627.
- Isoff, Helaine P., and Ostrov. 2,762,121.
- Ostrov, George and H. P. Isoff. Coiling device for collapsible dispensing tube. 2,754,031, 7-10-56, Cl. 229—99.
- Ostrow, Barnet D. *See—*
- Nobel, Fred I., and Ostrow. 2,733,198.
- Ostrow, Barnet D., to Elechem Corp. Electroplating composition for copper. 2,762,358, 1-24-56, Cl. 204—52.
- Ostrow, Barnet D., to Elechem Corp. Bath for plating bright copper. 2,770,587, 11-13-56, Cl. 204—52.
- Ostrow, Barnet D., and F. I. Nobel. Bath for plating bright gold. 2,765,269, 10-2-56, Cl. 204—46.
- Ostrowski, Michael. Flycasting device. 2,741,059, 4-10-56, Cl. 43—43.12.
- Ostrowski, Stanley J. *See—*
- Buckowski, Edward J., Ostrowski, and Anderson. 2,738,713.
- Ostwaldt, Erich, to Adrema Maschinenbau G. m. b. H. Index tab mounting means on address printing plates. 2,761,453, 9-4-56, Cl. 129—16.8.
- Ostwaldt, Erich, and H. Ditzel, to Adrema Maschinenbau G. m. b. H. Impressing machines for address-printing and like printing plates. 2,773,581, 12-11-56, Cl. 197—6.7.
- Osuch, Stanley P., to United States Steel Corp. Wire-tying machine. 2,756,783, 7-31-56, Cl. 140—93.6.
- O'Sullivan, Eugene. Apparatus for the transporting and storing of goods. 2,762,489, 9-11-56, Cl. 198—85.
- O'Sullivan, Eugene D. *See—*
- Phalen, Joseph L. 2,745,700.
- O'Sullivan, John F., to Frawley Corp. Ball point pen. 2,734,484, 2-14-56, Cl. 120—12.03.
- O'Sullivan, Paul J. Insect trap. 2,770,066, 11-13-56, Cl. 43—107.
- Oswald, Carl C., to R. A. Oswald. Chemical proportioning device. 2,758,716, 8-14-56, Cl. 210—39.
- Oswald, Joseph H. Opening closure panel and fastening means. 2,742,312, 4-17-56, Cl. 292—241.
- Oswald, Joseph H. Casement window structure. 2,751,639, 6-26-56, Cl. 20—53.
- Oswald, Joseph H. Can fastener for panel closures. 2,767,008, 10-16-56, Cl. 292—241.
- Oswald, Joseph H. Y. Lifting magnet control system. 2,748,322, 5-29-56, Cl. 317—123.
- Oswald, Richard A. *See—*
- Oswald, Carl C. 2,758,716.
- Oswald, Richard L. Optional gun sight reticule enlarging device. 2,769,239, 11-6-56, Cl. 33—50.
- Oswald, Robert A. Method and apparatus for photographing races or the like. 2,739,866, 3-27-56, Cl. 346—107.
- Oswarth, Thomas E. Cartridge holder and carrier. 2,756,913, 7-31-56, Cl. 224—15.
- Oswald, William B. *See—*
- Harpoothian, Edward, and Oswald. 2,742,245.
- Harpoothian, Edward, and Oswald. 2,745,613.
- Oswat, George L. Pallet lifter. 2,741,371, 4-10-56, Cl. 212—35.
- Oswalt, George L. Pallet feeder. 2,770,346, 11-13-56, Cl. 198—19.
- Oswalt, Harry L. Turf perforator. 2,730,028, 1-10-56, Cl. 97—10.
- Oswalt, Vick. Material handling apparatus. 2,730,252, 1-10-56, Cl. 214—304.
- Oswalt, Vick. Trip means for fruit loading box. 2,730,253, 1-10-56, Cl. 214—304.
- Oswego Falls Corp. *See—*
- Horning, Raymond H. 2,737,333.
- Vedder, William J. 2,736,258.
- Wilcox, Isaac L. 2,736,065.
- Wilcox, Isaac L., and Cole. 2,729,379.
- Wilcox, Isaac L., Cole, and Pesch. 2,744,367.
- Ota, Seizaburo. *See—*
- Miura, Noboru, and Oketani. 2,772,580.
- Otis Elevator Co. *See—*
- Anderson, John. 2,732,041.
- Bruns, William H., and Galanty. 2,761,038.
- Galanty, Harold E. 2,741,755.
- Glaser, William F., and Hornung. 2,761,528.
- Graevenitz, Henry L., and Dunham. 2,774,121.
- Gronung, Stephen. 2,734,598.
- Otis Engineering Corp. *See—*
- Schramm, Harry B., Fredd, and Otis. 2,749,937.
- Otis, Herbert C., to Continental Assurance Co. Selective cross-over packer. 2,766,831, 10-16-56, Cl. 166—116.
- Otis, H. *See—*
- Schramm, Harry B., Fredd, and Otis. 2,749,937.
- O'Toole, John M. Means for producing variable sized apertures. 2,740,635, 4-3-56, Cl. 279—106.
- Ott, Arnold C. *See—*
- Babcock, John C., and Ott. 2,775,602.
- Pederson, Raymond L., and Ott. 2,752,367.
- Ott, Arnold C., to The Upjohn Co. 17-hydroxycorticosterone, 21-beta-cyclopentyl propionate and compositions thereof. 2,746,644, 5-22-56, Cl. 167—77.
- Ott, Arnold C., to The Upjohn Co. Cortisone, 21-beta-cyclopentylpropionate. 2,746,978, 5-22-56, Cl. 260—397.4.
- Ott, Clifford M. *See—*
- Wilson, Herman W., Jr., and Ott. 2,737,327.
- Ott, Fred D., to the United States of America as represented by the Secretary of the Navy. Clinch nut spinning tool. 2,771,207, 11-20-56, Cl. 218—38.
- Ott, George E., to General Electric Co. Leak detecting means. 2,745,582, 5-15-56, Cl. 226—20.4.
- Ott, George E., to General Electric Co. Lamp making machine and oven therefor. 2,756,980, 7-31-56, Cl. 263—7.
- Ott, Heinrich. *See—*
- Ehrhart, Gustav, and Ott. 2,737,526.
- Ehrhart, Gustav, Schmitt, and Ott. 2,774,767.
- Ehrhart, Gustav, Schmitt, and Ott. 2,774,768.
- Ott, Josef, to L. Schuler A. G. Sheet metal drawing press. 2,767,674, 10-23-56, Cl. 113—38.
- Ott, Pierre-Georges-Robert. *See—*
- Tissot, Germain, and Ott. 2,746,091.
- Ott, Wallace L., to Commercial Solvents Corp. Analgetic compositions of N-(1-Methyl propyl) cyclohexylamine. 2,742,397, 4-17-56, Cl. 167—65.
- Ott, Walter, and M. Oberholzer. Reflecting system. 2,755,374, 7-17-56, Cl. 240—11.35.
- Ott, Walther H., to Nera & Co., Inc. Penicillin in feed. 2,753,266, 7-3-56, Cl. 99—2.
- Ottawa Steel, Inc. *See—*
- Dorkins, Evan E. 2,774,496.
- Ottawa River Paper Co., The. *See—*
- Daly, Grover J., and Ott. 2,745,589.
- Ottersland, Peter N. Supports for rotating drums. 2,770,270, 11-13-56, Cl. 144—208.
- Ottlinger, August F., to Bemis Bro. Bag Co. Harvesting sacks. 2,754,541, 2-14-56, Cl. 150—2.
- Ottlinger, August F., to Bemis Bro. Bag Co. Bag. 2,739,755, 3-27-56, Cl. 229—54.
- Ottlinger, Carter C. Remote foot steering apparatus for boats. 2,757,630, 8-7-56, Cl. 114—153.
- Ottmann, Gerhard. *See—*
- Grundmann, Christoph J., and Ottmann. 2,766,234.
- Otto, Arthur C., and E. A. Control device for motor vehicles. 2,731,850, 1-24-56, Cl. 74—484.
- Otto, Arthur C., and E. A. Hand rail attachment for motor vehicles. 2,748,590, 10-30-56, Cl. 105—354.
- Otto, Carl. Coke oven gas cooler. 2,747,847, 5-29-56, Cl. 261—11.
- Otto, Carl. Production of sulphate of ammonia. 2,759,796, 8-21-56, Cl. 238—119.
- Otto, Carl. Benzol scrubbing method and apparatus. 2,771,281, 11-20-56, Cl. 261—22.
- Otto, Carl A., to H. Fishlove & Co. Toy magnetic novelty. 2,775,064, 12-25-56, Cl. 46—242.
- Otto Construction Corp. *See—*
- Manuel, Maylam. 2,753,949.



- Otto, Earl A. : *See*—  
 Otto, Arthur C. and E. A. 2,731,850.  
 Otto, Arthur C. and E. A. 2,768,590.
- Otto, Ferdinand P. : *See*—  
 Myers, Herbert, and Otto. 2,739,125.
- Otto, Ferdinand P., to Socony Mobil Oil Co., Inc. Mineral oil compositions having stabilized low pour points. 2,730,501, 1-10-56, Cl. 252-57.
- Otto, Ferdinand P., to Socony Mobil Oil Co., Inc. Phosphorus and sulfur containing antioxidant. 2,733,207, 1-31-56, Cl. 252-32.7.
- Otto, Ferdinand P., to Socony Mobil Oil Co., Inc. Preparation of alkaryl phosphoric acids. 2,745,863, 5-15-56, Cl. 260-461.
- Otto, Ferdinand P., and R. H. Williams, to Socony Mobil Oil Co., Inc. High metal content complex salts of sulfonic acids and mineral oil compositions thereof. 2,739,124, 3-20-56, Cl. 252-33.
- Otto, George F., to American Chemical Paint Co. Metal coating composition and method of coating titanium therewith. 2,741,567, 4-10-56, Cl. 117-134.
- Otto, George F., and H. L. Faigen, to American Chemical Paint Co. Method and compositions for use in treating and deforming metals. 2,767,111, 10-16-56, Cl. 148-6.15.
- Otto, Gerhard : *See*—  
 Schubert, Rudolf, and Otto. 2,744,836.
- Otto, Julian A., to Socony Mobil Oil Co., Inc. 2,745,862.
- Otto, Gilbert, Everett E., and Otto. 2,745,862.
- Otto, Mueller : *See*—  
 Novinger, Cecil E., and Mueller. 2,758,652.
- Otto, Pieter : *See*—  
 Swart, Karel, Hagemans, and Otto. 2,743,998.
- Otto, Walter, Thermal fuse. 2,764,025, 9-25-56, Cl. 74-2.
- Otto, Walter, Thermal fuse. 2,764,026, 9-25-56, Cl. 74-2.
- Otto, Walter, Thermal fuse. 2,764,027, 9-25-56, Cl. 74-2.
- Otto, William H. : *See*—  
 Whitehurst, Harry B., and Otto. 2,772,518.
- Otto, Whitehurst, Harry B., and Otto. 2,772,987.
- Ottow, Ladis H., Phonographic device. 2,733,070, 1-31-56, Cl. 274-11.
- Otway, Christopher W., to The British Petroleum Co. Ltd. Pressure core takers. 2,734,719, 2-14-56, Cl. 255-1.4.
- Ouellette, Clarence, to Wrap-King Corp. Object carrier for wrapping machine. 2,745,141, 4-17-56, Cl. 198-210.
- Ougland, Nels M. Crab traps. 2,769,274, 11-6-56, Cl. 43-105.
- Oury Engineering Co. : *See*—  
 McKinney, Paul M. 2,750,164.
- Oury, John F., to Oury Engineering Co. Hatch loading transit concrete mixing drum. 2,731,249, 1-17-56, Cl. 259-161.
- Ousbäck, Bror G. : *See*—  
 Sundberg, Erik G., and Ousbäck. 2,747,008.
- Outboard, Marine & Mfg. Co. : *See*—  
 Brier, Marcel L. 2,757,013.
- Evinrude, Ralph S. 2,744,736.
- Irgens, Finn T. 2,732,819.
- Irgens, Finn T. 2,740,390.
- Irgens, Finn T., and Watkins. 2,740,368.
- Linnancann, Leo T. 2,764,028.
- Shimanuckas, William J. 2,740,306.
- Watkins, Lucius D. 2,741,231.
- Watkins, Lucius D. 2,756,556.
- Outillage Electrique Silex S. A., Nationalité Française Industrielle : *See*—  
 Baron, Raoul M. A. 2,756,354.
- Outrebon, Eugene, Automatic weighing machine. 2,756,041, 7-24-56, Cl. 265-7.
- Ouvrard, Paul : *See*—  
 Reynoneng, Gaston, and Ouvrard. 2,758,227.
- Ovalstrapping Inc. : *See*—  
 Lamb, Frank H. 2,743,081.
- Over, Raymond B., to M. H. Detrick Co. Furnace construction, including portable wall panel. 2,769,410, 11-6-56, Cl. 110-1.
- Overbaugh, Charles B. Paper pin-clip. 2,767,450, 10-23-56, Cl. 24-67.
- Overbeke, John W. : *See*—  
 Ford, Alfred, and Overbeke. Re. 24,223.
- Overby, Sune L., to Telefonaktiebolaget L M Ericsson. Measuring device. 2,733,406, 1-31-56, Cl. 324-59.
- Overcash, Dwight M., and R. B. Parks, to General Motors Corp. Electrodeposition of copper. 2,737,485, 3-6-56, Cl. 204-52.
- Overfield-Collins, Edward, and A. P. Saunders, to Wildt and Co. Ltd. Circular knitted fabric and garment. 2,751,771, 6-26-56, Cl. 66-171.
- Overhead Door Corp. : *See*—  
 Moler, Charles C. 2,738,004.
- Overhouse, John A., and M. Ristila. Pruning attachment for weed puller. 2,743,522, 5-1-56, Cl. 30-253.
- Overland, Stanley. Multiple outlet ice cream dispenser. 2,750,083, 6-12-56, Cl. 222-482.
- Overly-Hautz Co., The : *See*—  
 Motts, Frank D. 2,765,997.
- Overman, Earl R., deceased, M. B. Overman, executrix. Fiber drawing machine and method. 2,758,335, 8-14-56, Cl. 18-2.5.
- Overman, John T. D. Wedge for falling trees and bucking logs. 2,733,894, 2-7-56, Cl. 254-104.
- Overman, Mary B. : *See*—  
 Overman, Earl R. 2,758,335.
- Overmier Herbert F. : *See*—  
 McLean, Mark L., and Overmier. 2,738,483.
- Overton, Charles M., C. D. Iddings, and G. E. Fountain, to Lee C. Moore Corp. Fast line guide. 2,744,696, 5-8-56, Cl. 242-157.
- Overweide, Joseph H. : *See*—  
 Davis, Raymond C., Overweide, and Millhouse. 2,731,672.
- Ovestrud, Richard M. Seating attachment for tables. 2,761,491, 9-4-56, Cl. 155-124.
- Owades, Joseph L., and O. N. Breivik, to Standard Brands Inc. Process of extracting lipids from plant and animal tissue. 2,753,362, 7-3-56, Cl. 260-397.23.
- Owen, Bennie D. Bracket for supporting vehicle top bow. 2,774,623, 12-18-56, Cl. 296-104.
- Owen, Charles D., Jr., to Beacon Mfg. Co. Blanket and napped material therefor. 2,731,045, 1-17-56, Cl. 136-391.
- Owen, Charles D., to United States Steel Corp. Method of electroplating aluminum and electrolyte therefor. 2,762,764, 9-11-56, Cl. 204-28.
- Owen, Charley H., and J. W. Slover, to Phillips Petroleum Co. Method for thermal recycle cracking. 2,756,186, 7-24-56, Cl. 196-49.
- Owen, Douglas H. : *See*—  
 Buckley, Sidney E., and Owen. 2,764,552.
- Owen, Edwin H., and W. J. Hanson, to Pitney-Bowes, Inc. Sheet handling and envelope stuffing machine. 2,771,726, 11-27-56, Cl. 53-235.
- Owen, George P., to Pitney-Bowes, Inc. Articulated fastener. 2,748,439, 6-5-56, Cl. 24-205.13.
- Owen, Harold P., to The B. F. Goodrich Co. Blend of polychloroprene and acrylic synthetic rubbers for adhering acrylic rubbers to other materials. 2,742,942, 4-24-56, Cl. 152-330.
- Owen, Hazel R. Illuminated flower stand. 2,760,052, 8-21-56, Cl. 240-10.
- Owen, John C. : *See*—  
 Bennett, Alfred, and Owen. 2,754,418.
- Noxon, Paul A., and Owen. 2,773,252.
- Owen, John C. Clothing accessories. 2,738,515, 3-20-56, Cl. 2-279.
- Owen, John C., to Bendix Aviation Corp. Automatic steering system. 2,759,689, 8-21-56, Cl. 244-77.
- Owen, John C. Rotating synchronous rectifiers. 2,767,366, 10-16-56, Cl. 321-50.
- Owen, Kenneth J. Well apparatus. 2,754,160, 7-10-56, Cl. 308-4.
- Owen, Lewis M., to The DeVilbiss Co. Traveling spray booth. 2,761,373, 9-4-56, Cl. 98-115.
- Owen, Nathan B. : *See*—  
 Carlson, George E., Bader, and Owen. 2,744,665.
- Owen, Samuel P., Inboard motorboat hull of the planing type having a cavitation plate. 2,729,183, 1-3-56, Cl. 114-66.5.
- Owen, Webster J., to General Motors Corp. Refrigerating apparatus for automobiles with reheated means. 2,735,657, 2-21-56, Cl. 257-3.
- Owens, Charles W., Sr. Collapsible truck with collapsible handle. 2,754,127, 7-10-56, Cl. 280-41.
- Owens-Corning Fiberglas Corp. : *See*—  
 Biefeld, Lawrence P. 2,763,578.
- Biefeld, Lawrence P., and Brisley. 2,738,285.
- Biefeld, Lawrence P., and Shannon. 2,770,840.
- Brown, Gerald H. 2,765,838.
- Caroselli, Remus F. 2,731,367.
- Caroselli, Remus F. 2,744,835.
- Caroselli, Remus F. 2,754,221.
- Caroselli, Remus F. 2,754,223.
- Caroselli, Remus F. 2,754,224.
- Darling, Jack C., and Hayes. 2,731,204.
- De Reus, Marinus E. 2,731,374.
- Drummond, Warren W. 2,736,070.
- Drummond, Warren W. 2,751,962.
- Drummond, Warren W., and Smock. 2,728,972.
- Drummond, Warren W., Steitz, and Frickert. 2,736,512.
- Drummond, Warren W., Steitz, and Holtschulte. 2,746,118.
- Frickert, Philip J., Jr. 2,736,676.
- Henry, Thomas W., and Boggs. 2,774,630.
- Hogendobler, Henry R., and Simson. 2,731,066.
- Hohl, John. 2,731,165.
- Holtschulte, William F. 2,763,100.
- Husum, Charles W. 2,731,071.
- Kleist, Dale, Sidwell, and Reed. 2,771,387.
- Mautz, Paul E. 2,742,652.
- McElroy, George S. 2,742,737.
- Mennerich, Fred A. 2,744,563.
- Morrison, Albert R. 2,736,169.
- Morrison, Albert R., and Fargo. 2,732,883.
- Morrison, Albert R., and Fargo. 2,770,940.
- Slayter, Games. 2,729,029.
- Slayter, Games. 2,729,030.
- Slayter, Games. 2,753,598.
- Slayter, Games. 2,753,677.
- Slayter, Games. 2,774,443.
- Slayter, Games. 2,774,675.
- Slayter, Games, and Anderson. 2,741,009.
- Slayter, Games, and Fletcher. 2,729,027.
- Slayter, Games, and Fletcher. 2,729,028.
- Slayter, Games, Snow, and Philipps. 2,763,862.
- Slayter, Games, Snow, and Philipps. 2,735,099.
- Sonneborn, Ralph H., and Dennen. 2,745,491.
- Stalego, Charles J. 2,754,541.
- Tiede, Ralph L. 2,733,158.
- Tiede, Ralph L. 2,736,714.
- Van Der Hoven, Walter G. 2,732,885.

- Owens-Corning Fiberglas Corp.: See—Continued  
Waggoner, Jack H. 2,772,603.  
Whitehurst, Harry B., and Otto. 2,772,518.  
Whitehurst, Harry B., and Otto. 2,772,987.  
Owens, Ernest, to United States Rubber Co. Weather strip and method of making the same. 2,760,897, 8-28-56, Cl. 154-84.  
Owens, Freeman H. Production of composite live action and scenic effects for television. 2,730,565, 1-10-56, Cl. 178-6.  
Owens, Freeman H. Camera take-up and shutter and interlock therebetween. 2,742,835, 4-24-56, Cl. 95-31.  
Owens, Freeman H. Television apparatus and optical system. 2,745,901, 5-15-56, Cl. 178-6.  
Owens, Freeman H. Combined slide and card projection apparatus for television. 2,750,444, 6-12-56, Cl. 178-12.  
Owens, Glenn E., Jr., and H. T. Rogers, to Rodney Hunt Machine Co. Apparatus for wet finishing of textiles. 2,741,112, 4-10-56, Cl. 68-177.  
Owens, Harry, and B. Rodriguez. Geometric developing instrument. 2,762,125, 9-11-56, Cl. 33-28.  
Owens, Harry L., to the United States of America as represented by the Secretary of the Army. Miniature rectifier. 2,750,654, 6-19-56, Cl. 29-25.3.  
Owens, Harry S., to the United States of America as represented by the Secretary of Agriculture. Inactivation of enzymes in beet cossettes prior to diffusion. 2,754,233, 7-10-56, Cl. 127-43.  
Owens, Harry T.: See—  
Leonard, Joseph S., and Owens. 2,743,698.  
Owens-Illinois Glass Co.: See—  
Allen, Paul C. B. 2,742,275.  
Allen, Russell G. 2,748,536.  
Beddoes, John H., and Zitkus. 2,738,607.  
Billian, Carroll J. 2,746,193.  
Boyd, Robert A. 2,768,536.  
Buell, Floyd E. 2,764,847.  
Chew, Clarence. 2,747,541.  
Cutter, Richard W., Strzala, and Fry. 2,771,177.  
De Brock, Robert F. 2,736,447.  
Denman, Robert R. 2,751,715.  
Denman, Robert R. 2,754,627.  
Diether, Richard L. 2,760,683.  
Fedorchak, William J. 2,753,459.  
Greene, Josefek F. 2,765,568.  
Grissold, Hugh T., and Thomason. 2,764,274.  
Hohl, John, Bjerling, and Ringel. 2,735,600.  
Kalousek, George L. 2,748,008.  
Koenig, Robert H. 2,738,622.  
McCormick, Francis A. 2,771,204.  
Politsch, Verney G., Early, and Van Meter. 2,755,703.  
Reynolds, Clifford J. 2,771,712.  
Schaich, Wilbur A. 2,747,573.  
Smith, Robert M. 2,758,421.  
Sutter, John H. 2,738,838.  
Wheaton, Jack M., and Pellett. 2,735,565.  
Wheaton, Jack M., and Pellett. 2,744,647.  
Owens, James B., to Westinghouse Electric Corp. Electric switches. 2,734,955, 5-14-56, Cl. 200-48.  
Owens, James B., to Westinghouse Electric Corp. Disconnecting switch with operating mechanism. 2,748,213, 5-29-56, Cl. 200-48.  
Owens, James B., and C. W. Upton, Jr., to Westinghouse Electric Corp. High-speed switch mechanism. 2,757,253, 7-31-56, Cl. 200-106.  
Owens, James H., to Radio Corp. of America. Low frequency wave generators. 2,761,970, 9-4-56, Cl. 250-36.  
Owens, Jesse C. Tank refilling valve. 2,752,938, 7-3-56, Cl. 137-438.  
Owens, Marvin L., Jr., to Monsanto Chemical Co. Purification of acrylonitrile. 2,770,644, 11-13-56, Cl. 260-465.9.  
Owens, Robert D. J.: See—  
Lewis, Idwal O., and Owens. 2,771,033.  
Owens, Roy C. Rear view mirror attachments. 2,758,509, 8-14-56, Cl. 88-98.  
Owens, William V.: See—  
Grosset, William E., and Owens. 2,761,612.  
Owens, William V., to Paper Sacks Ltd. Multiply paper sacks. 2,751,141, 6-19-56, Cl. 229-55.  
Owens, William V., to Paper Sacks Ltd. Multi-ply valve sacks. 2,764,339, 9-25-56, Cl. 229-55.  
Oxenrider, Ellis C. Hygienic dental package. 2,775,250, 12-25-56, Cl. 132-84.  
Oxford Filing Supply Co., Inc.: See—  
Jonas, Frank D., and Patterson. 2,730,292.  
Oxhandler, Samuel, to Sargent & Co. Pruning shears. 2,769,237, 11-6-56, Cl. 30-254.  
Oxirane Ltd.: See—  
Lowe, Arnold J., and Butler. 2,736,716.  
Oxley, Peter: See—  
Malpban, Gordon K., Oxley, and Peak. 2,766,748.  
Oxwall Tool Co., Ltd.: See—  
Blum, Sidney. 2,739,699.  
Oxy-Catalyst, Inc.: See—  
Bowen, William M., III, and Houdry. 2,772,147.  
Hayes, Clotus T. 2,743,729.  
Houdry, Eugene J. 2,730,434.  
Houdry, Eugene J. 2,742,437.  
Houdry, Eugene J. 2,747,976.  
Houdry, Eugene J., and Adey. 2,731,541.  
Houdry, Eugene J., and Bowen. 2,750,650.  
Hughes, Francis J. 2,768,431.  
Oxy-Therapy, Inc.: See—  
Moore, Ben M., and Litkenhous. 2,742,040.  
Oyler, James R., to Knouse Foods Cooperative, Inc. Food product for fruit pie filling and method of canning same. 2,755,190, 7-17-56, Cl. 99-186.  
Oys, John E.: See—  
Pinke, August H., Meeker, Oys, and Hudson. 2,748,992.  
Ozai-Durrani, Ataulah K. Quick cooking rice and process therefor. 2,733,147, 1-31-56, Cl. 99-80.  
Ozai-Durrani, Ataulah K. Quick cooking rice and process therefor. 2,740,719, 4-3-56, Cl. 99-80.  
Ozai-Durrani, Ataulah K. Means for measuring weight. 2,757,924, 8-7-56, Cl. 265-70.  
Ozai-Durrani, Ataulah K. Method for processing rice paddy. 2,758,031, 8-7-56, Cl. 99-80.  
Ozald Co., Ltd.: See—  
Bridgewater, William R. 2,761,365.  
Crowd, Edward L. 2,761,364.  
P. B. A. Co.: See—  
Salisbury, Thomas C. 2,730,784.  
P. B. R. Mfg. Co.: See—  
Pucci, Joseph. 2,756,082.  
Pucci, Joseph, Bobb, and Rachman. 2,755,153.  
Rachman, Isadore B., and Bobb. 2,759,528.  
P & K Inc.: See—  
Sharps, George J. 2,738,562.  
Paasche, Carl, to Cline Electric Mfg. Co. Regulator structure. 2,764,177, 9-25-56, Cl. 137-209.  
Pabco Products Inc.: See—  
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Pabst, Arthur, and C. F. Duchacek, to Socony Mobil Oil Co., Inc. Working petroleum waxes. 2,736,667, 2-28-56, Cl. 106-270.  
Pabst Brewing Co.: See—  
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Welter, Lewis P. 2,727,741.  
Pabst, Philip E., and W. H. Conway, to Federal Paper Board Co., Inc. Sheet edge trimmer for printing presses. 2,734,454, 2-14-56, Cl. 101-246.  
Paca, John P., and J. H. Ebner, to Diebold, Inc. Vault door. 2,732,815, 3-1-56, Cl. 109-59.  
Pace, Garland B., to Pipe Line Construction and Drilling Co. Pipe handling mechanism. 2,759,757, 8-21-56, Cl. 294-93.  
Pace, Henry A., to The Goodyear Tire & Rubber Co. Method of making synthetic resin foam structures. 2,740,743, 4-3-56, Cl. 154-140.  
Pace, Henry A., to The Goodyear Tire & Rubber Co. Laminated panels. 2,744,042, 5-1-56, Cl. 154-75.  
Pace, Henry A., to The Goodyear Tire & Rubber Co. Method of forming laminated structures. 2,764,516, 9-25-56, Cl. 154-110.  
Pace, Inc.: See—  
Callihan, Dale H. 2,768,263.  
Cassidy, Robert J. 2,751,465.  
Huffman, John W. 2,751,466.  
Pace, Leo C. Container for shoes and the like. 2,772,045, 11-27-56, Cl. 229-52.  
Pace, Marvin W. Egg transferring and supporting device. 2,729,375, 3-3-56, Cl. 229-56.  
Pace, Percy L. Musical doll-cradle. 2,751,710, 6-26-56, Cl. 46-175.  
Pacific Airmotive Corp.: See—  
Bell, Raymond M.  
Pacific Car and Foundry Co.: See—  
Henrikson, Thor O. 2,763,133.  
Pacific Flush Tank Co.: See—  
Schlenz, Harry E., and Langdon. 2,768,137.  
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Pacific Foundry Co., Ltd.: See—  
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MacAfee, Merrill W., and Ruth. 2,751,037.  
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Ruth, Herman A., and MacAfee. 2,751,043.  
Pacific Laboratories Inc.: See—  
Hube, Gottfried E. 2,757,413.  
Pacific Mercury Television Mfr., Corp.: See—  
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Pacific Mills: See—  
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Pacific Press, Inc.: See—  
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Pacific Pumps, Inc.: See—  
Ecker, Murry F. 2,761,711.  
Ecker, Murry F. 2,761,712.  
Ecker, Murry F., and Harney. 2,735,701.  
Harney, Doran B., and Shepherd. 2,772,863.  
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Pacific Transducer Corp.: See—  
Argabrite, George A. 2,771,775.  
Pacific Wire Works Co.: See—  
Harter, Clair M. 2,737,208.  
Pacific Coast Engineering Co.: See—  
Gilbert, Lloyd D. 2,759,515.  
Pacific Union Metal Co.: See—  
Lloyd, William H. 2,759,332.  
Pacini, Humbert P. Magnetic deflection sweep amplifier. 2,741,723, 4-10-56, Cl. 315-27.  
Pack, Charles: See—  
Bauer, Alfred F., and Pack. 2,759,380.  
Pack, Edna W. Convertible playground apparatus. 2,768,828, 10-30-56, Cl. 272-56.



- Pack, Frank C., and L. A. Goldblatt, to the United States of America as represented by the Secretary of Agriculture. Detoxified cottonseed oil foots. 2,746,864, 5-22-56, Cl. 99-2.
- Pack, Frank C., and R. W. Planck, to the United States of America as represented by the Secretary of Agriculture. Inorganic iodide catalyzed tung oil isomerization. 2,760,968, 8-28-56, Cl. 260-405-6.
- Package Enterprises, Inc. *See—*  
Tobv, Max E., and Cheney. 2,752,968.
- Package Machinery Co. *See—*  
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Cornoek, Edward F., and Newell. 2,760,317.  
Crescenzo, Francis C. 2,760,621.  
Hoppe, William. 2,744,371.  
Hubmann, Paul. 2,735,611.  
Labine, Roland A. 2,732,619.  
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Rawson, Emanuel, and Pellar. 2,775,224.  
Roberts, Franklin B. 2,770,392.
- Packaging Materials Corp. *See—*  
Brown, Paul. Re. 24,120.
- Packham, Alfred H. Safety guide for washing machines. 2,768,016, 10-23-56, Cl. 294-23.5.
- Packman Harvester Developments Ltd. *See—*  
Packman, Percival J. 2,769,539.
- Packman, Louis *See—*  
Taormina, Silvio C., Marinaro, and Packman. 2,754,258.
- Packman, Percival J., to Packman Harvester Developments Ltd. Separating apparatus. 2,769,539, 11-6-56, Cl. 209-78.
- Packwood, George H., Jr. Disposable carton dispenser. 2,751,117, 6-19-56, Cl. 222-80.
- Packwood, George H., Jr. Dispenser for finely divided materials. 2,760,588, 8-28-56, Cl. 222-181.
- Packwood, George H., Jr. Splash guard for soap dispensers. 2,762,532, 9-11-56, Cl. 222-192.
- Padbury, John J., H. Daniel, Jr., and S. T. Moore, to American Cyanamid Co. Sized paper. 2,772,967, 12-4-56, Cl. 92-3.
- Paddock, Eldon L. *See—*  
Connell, George A., and Paddock. 2,773,757.
- Paddon, Henry A. Ejection seat catapult. 2,755,042, 7-17-56, Cl. 244-122.
- Paden, Dale D. Skater's brace. 2,731,275, 1-17-56, Cl. 134-1.
- Paden, Frederick T., and A. C. H. Weiss, to the United States of America as represented by the Secretary of the Army. Sled with detachable runner. 2,735,690, 2-21-56, Cl. 280-12.
- Padevo, Inc. *See—*  
Wilimotte, Raymond M. 2,744,247.  
Wilimotte, Raymond M. 2,758,202.
- Padgett, Edward D., to the United States of America as represented by the Secretary of the Air Force. Pulse amplifier. 2,750,457, 6-12-56, Cl. 179-171.
- Padgett, Philip M., to Titeflex Inc. Machine for making non-circular tubing with helically wound strip. 2,736,285, 2-28-56, Cl. 113-35.
- Padgett, Philip M., to Titeflex, Inc. Making and compressing corrugated flexible hose in one operation. 2,772,646, 12-4-56, Cl. 113-35.
- Padgett, Frank L. *See—*  
Baker, Ralph W., Mattson, and Padsitt. 2,729,239.
- Padgett, Frank L., to Ethyl Corp. Electrolytic cell for alkali-lead alloy manufacture. 2,742,418, 4-17-56, Cl. 204-247.
- Padgett, Frank L., to Ethyl Corp. Metals recovery. 2,765,328, 10-2-56, Cl. 260-437.
- Padgett, Frank L., M. B. Smith, and W. H. Thomas, to Ethyl Corp. Process for recovering an alkaline earth metal from admixture with an alkali metal. 2,761,777, 9-4-56, Cl. 75-101.
- Padrick, John R. Earthworking and planting implement. 2,734,439, 2-14-56, Cl. 97-78.
- Pado, Philip. Universal Tools, Inc. Electric shears. 2,740,197, 4-3-56, Cl. 30-228.
- Padwe, Seymour. Finger ring set with sheet metal latch. 2,751,763, 6-26-56, Cl. 63-15.2.
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- Paetel, Heinrich, to Siemens-Schuckertwerke Aktiengesellschaft. Electric fuse for retarded or rapid operation. 2,763,752, 9-18-56, Cl. 200-135.
- Paffrath, Hans-Willi *See—*  
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- Pag Patentgesellschaft A. G. *See—*  
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- Pag Presswerk Aktiengesellschaft *See—*  
Hobeln, Herbert, Barth, Crumbiegel, Klein, and Notherlfer. 2,767,443.
- Pagani, Renzo *See—*  
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- Pagdin, William G., to P. Ballantine & Sons. Conveyor apparatus with electrically actuated article orienting means. 2,761,542, 9-4-56, Cl. 198-33.
- Page, Alfred C. Dressing fixture for grinding machines. 2,731,773, 1-24-56, Cl. 51-95.
- Page Engineering Co. *See—*  
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- Page, George A. Egg grading mechanism. 2,731,146, 1-17-56, Cl. 209-121.
- Page, Henry A., to The Gates Rubber Co. Method and apparatus for perforating a flexible conduit. 2,753,001, 7-3-56, Cl. 164-99.
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- Page, Irving H. Radar indicator system. 2,741,762, 4-10-56, Cl. 343-13.
- Page, Irving H. Echo-ranging system. 2,743,438, 4-24-56, Cl. 343-9.
- Page, Irving H. Echo detection system. 2,754,506, 7-10-56, Cl. 343-7.7.
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- Page, John S., to Page Oil Tools Inc. Anchor for use in wells. 2,741,315, 4-10-56, Cl. 166-212.
- Page, John S. Well packer. 2,764,243, 9-25-56, Cl. 166-119.
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- Page, Leon E., and J. W. Rector, to Esso Research and Engineering Co. Process for separating polyethylene and isoprene concentrates. 2,768,224, 10-23-56, Cl. 260-681.5.
- Page, Louis J. Ophthalmic mountings. 2,756,631, 7-31-56, Cl. 88-47.
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Page, John S. 2,741,315.
- Page, Ralph M. Tobacco grader with illuminable conveyor means. 2,757,795, 8-7-56, Cl. 209-125.
- Page, Ralph E., to International Business Machines Corp. Proportional ribbon feed mechanism. 2,734,614, 2-14-56, Cl. 197-151.
- Page, Richard W., to Ritter Co., Inc. Headrest. 2,740,467, 4-3-56, Cl. 155-177.
- Page, Robert G., to General Electric Co. Electric contact. 2,730,594, 1-10-56, Cl. 200-166.
- Page, Robert N., to Boeing Airplane Co. Metal foil applications and method of making same. 2,769,265, 11-6-56, Cl. 4-2.
- Page, Sidney *See—*  
Maysmor, Charles W. K., Page, Ward, and Webster. 2,754,784.
- Page, Stanley H. Follow-up device. 2,739,572, 3-27-56, Cl. 121-17.
- Paget, Win W., to Joy Mfg. Co. Tongs for coupling and uncoupling drill pipe joints. 2,737,839, 3-13-56, Cl. 81-53.
- Paget, Win W., to Joy Mfg. Co. Spinning device for drill pipe. 2,746,329, 5-22-56, Cl. 81-53.
- Paget, Win W. Drum type cutting head for continuous mining machine. 2,758,826, 8-14-56, Cl. 202-26.
- Paget, Win W., to Joy Mfg. Co. Tongs mechanism for oil well drill pipe. 2,760,392, 8-28-56, Cl. 81-53.
- Pagnard, Georges, to Omega Louis Brandt & Frere S. A. Timekeeping apparatus with printed times. 2,757,063, 7-31-56, Cl. 346-91.
- Pagnal, Alessandro, to Vittorio Necchi Societa per Azioni. Base plate for sewing machines. 2,746,411, 5-22-56, Cl. 112-260.
- Pagnal, Alessandro, to Vittorio Necchi S. P. A. Sewing machine suitable both for motor and hand drive. 2,754,782, 7-17-56, Cl. 112-220.
- Pagny, Pierre G. *See—*  
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- Pagoto, Anthony. Tongue depressor. 2,765,785, 10-9-56, Cl. 128-15.
- Pahl, Leo F. *See—*  
Pahl, Carl L., and Pahl. 2,746,863.
- Pahl, Leo F., F. E. Fauth, and C. L. Day, to Crown Cork & Seal Co., Inc. Piston type filling machine. 2,761,605, 9-4-56, Cl. 226-98.
- Pahl, Leo F., F. E. Fauth, and C. L. Day, to Crown Cork & Seal Co., Inc. Filling machine. 2,761,606, 9-4-56, Cl. 226-107.
- Pahl, Walter H., and W. A. Sandholtz, to Minnesota Mining & Mfg. Co. High tensile strength gummed filament tape. 2,753,284, 7-3-56, Cl. 154-53.5.
- Pahl, Walter H., and W. A. Sandholtz, to Minnesota Mining & Mfg. Co. High tensile strength gummed filament tape. 2,753,285, 7-3-56, Cl. 154-53.5.
- Paige, Richard E. Shipping vessels for television tubes. 2,735,606, 2-21-56, Cl. 229-14.
- Paige, Richard E. Folding display box. 2,743,862, 5-1-56, Cl. 229-8.
- Paige, Richard E. Display stand. 2,745,617, 5-15-56, Cl. 248-74.
- Paige, Richard E. Cardboard container and carrier. 2,753,102, 7-3-56, Cl. 229-16.
- Paige, Richard E. Exhibiting devices. 2,755,584, 7-24-56, Cl. 40-125.
- Pailard, S. A. *See—*  
Bacher, Eric. 2,747,879.  
Bacher, Eric. 2,749,130.  
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Millet, Eugene. 2,737,098.  
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Thevenaz, Jean. 2,775,161.  
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Werfell, Arnold. 2,771,006.
- Paille, Edward B., to Kaiser Aluminum & Chemical Corp. Cooling device. 2,759,710, 8-21-56, Cl. 257-240.
- Painboeuf, Maurice *See—*  
Cabanes, Leon, Alran, Chevallier, Dietsch, and Painboeuf. 2,745,952.

- Paine, George R., to General Precision Laboratory Inc. Radar simulator. 2,744,339, 5-8-56, Cl. 35-10.4.
- Paine, Joseph P., to Aircraft Armaments, Inc. Method of and apparatus for controlling the angular movement of a body. 2,734,383, 2-14-56, Cl. 74-1.
- Paine, Stanley W. T., to The A. P. V. Co. Ltd. Process and apparatus for the treatment of brewers' worts. 2,768,897, 10-30-56, Cl. 99-52.
- Painter, Edwin S., and H. A. Scott, to Eastman Kodak Co. Manufacture of lower aliphatic acid anhydrides. 2,743,296, 4-24-56, Cl. 260-547.
- Painter, Giles W., to Lord Mfg. Co. Measurement of dynamic modulus of elastomers. 2,733,596, 2-7-56, Cl. 73-67.
- Painter, Giles W., to Lord Mfg. Co. Shock isolator. 2,756,016, 7-24-56, Cl. 248-358.
- Paisley, Taylor, Finger support for bowling. 2,732,555, 10-31-56, Cl. 2-21.
- Paiva, Frank: *See—*
- Endres, Fred J., and Paiva. 2,770,071.
- Paivinen, John O.: *See—*
- Auerbach, Isaac L., and Paivinen. 2,729,808.
- Paivinen, John O., to Burroughs Corp. Gate and memory circuits utilizing magnetic cores. 2,729,807, 1-3-56, Cl. 340-174.
- Paivinen, John O., to Associated Spring Corp. Apparatus for detecting flaws in metal stock. 2,744,233, 5-1-56, Cl. 324-34.
- Pak-Rapid Inc.: *See—*
- Lewis, Harold P. 2,749,691.
- Pakish, Anthony E., and H. V. Erickson, to General Electric Co. Method and apparatus for making miniature lamp mounts. 2,760,529, 2-28-56, Cl. 140-71.6.
- Pakkala, Matti H., to United States Steel Corp. Hardenable stainless steel. 2,738,267, 3-13-56, Cl. 75-124.
- Pako Corp., The: *See—*
- Dye, Glen M., Knudsen, and Braden. 2,770,179.
- Paco, George. Colostomy bag, belt, and drying frame. 2,756,750, 7-31-56, Cl. 128-283.
- Palagiano, Frank. End structure for cables used in blasting operations. 2,756,400, 7-24-56, Cl. 339-19.
- Palanzolo, Anthony F., now by change of name Anthony F. Palmer, Cutting instruments. 2,738,581, 3-20-56, Cl. 30-320.
- Palchik, Edward H.: *See—*
- Schaublie, Otto C., and Palchik. 2,733,287.
- Paldanius, Leo A. Knife sheath. 2,767,530, 10-23-56, Cl. 51-214.
- Palen, Peter H.: *See—*
- Burdett, Harry W., and Palen. 2,731,119.
- Palmio, Vincent J., and C. A. Pratt. Self-closing cap. 2,765,948, 10-9-56, Cl. 220-29.
- Palfy Die & Mold Co.: *See—*
- Palfy, Frank. 2,750,879.
- Palfy, Frank, to Palfy Die & Mold Co. Die press with extended guide or bearing surfaces. 2,750,879, 6-19-56, Cl. 100-214.
- Palino, Anthony. Collapsible rod holder. 2,763,453, 9-18-56, Cl. 248-44.
- Palko, Andrew J., and W. E. Shively, to The Goodyear Tire & Rubber Co. Tire tread. 2,766,798, 7-31-56, Cl. 152-209.
- Palkowitch, Joseph J.: *See—*
- Roth, William A. 2,742,989.
- Pall, Francis: *See—*
- Pall, Francis A. 2,733,632, 2-7-56, Cl. 88-16.4.
- Pall, Isabelle M.: *See—*
- Pall, Francis A. 2,733,632.
- Palladino, Frank A.: *See—*
- Querretti, Louis C., Palladino, and Marino. 2,736,360.
- Pallier, Pierre P., to Societe Anonyme des Etablissements A. Valuy Bollene-la-Croisierie (Vaulcuise), and Le Materiel Ceramique Moderne-Marseille (Bouches du Rhone). Apparatus for crushing ceramic powders. 2,755,532, 7-24-56, Cl. 25-86.
- Pallmann, Ludwig. Impact process and apparatus for disintegrating materials. 2,750,120, 6-12-56, Cl. 241-27.
- Pallios, John L. Lint removing process. 2,759,860, 8-21-56, Cl. 134-6.
- Palm, Bernhard A., to Dings Magnetic Separator Co. Endless belt magnetic separator. 2,747,735, 5-29-56, Cl. 209-223.
- Palm, Carl K. F., and E. H. Nylof, to Kopparsfors Aktiebolag. Steam valve with cleaning feature. 2,773,720, 11-12-56, Cl. 299-59.
- Palm, Dale C., to Cab Control Co. Combination refrigerating control and signaling device. 2,766,439, 10-9-56, Cl. 340-222.
- Palm, George H. Woodworker's hand plane. 2,750,973, 6-19-56, Cl. 145-1.
- Palm, James W., to Borg-Warner Corp. Clutch assembly. 2,742,129, 4-17-56, Cl. 192-89.
- Palm, James W., to Borg-Warner Corp. Clutch-overcenter lever adjusting device. 2,758,691, 8-14-56, Cl. 192-111.
- Palma, Joseph, Jr., and G. G. Knapp, to American-Marietta Co. Hand sponge cleaner and wringer. 2,741,787, 4-17-56, Cl. 15-119.
- Palmer, Albert: *See—*
- Brouwer, Benjamin W., and Palmer. 2,750,966.
- Palmer, Anthony F.: *See—*
- Palazzolo, Anthony F. 2,738,581.
- Palmer, Arthur L., Jr.: *See—*
- Uthenwoldt, Frederick W., and Palmer. 2,762,623.
- Palmer, Ben C.: *See—*
- Boehm, Walter G. 2,739,691.
- Palmer, C. D. Brass & Copper Co. Inc.: *See—*
- Palmer, Charles D. 2,734,267.
- Palmer, Charles, to Moran Construction Co. Tables for feeding metal bars. 2,734,618, 2-14-56, Cl. 198-33.
- Palmer, Charles D., to C. D. Palmer Brass & Copper Co. Inc. Hand tube cutting apparatus. 2,734,267, 2-14-56, Cl. 198-33.
- Palmer, Earl W., to The American Brass Co. Apertured mask. 2,762,942, 9-11-56, Cl. 313-86.
- Palmer, Edmund T.: *See—*
- Raumaker, William L., and Palmer. 2,765,612.
- Palmer, Edward D., and J. B. Pray, to Lockheed Aircraft Corp. Airplane aileron and spoiler combination. 2,750,132, 6-12-56, Cl. 244-90.
- Palmer, Eric S., to Paton Electrical Proprietary Ltd. Rotary multi-point switch. 2,765,376, 10-2-56, Cl. 200-8.
- Palmer, George, to American Device for pulling couplings, bearings, and wheels. 2,736,954, 3-6-56, Cl. 29-259.
- Palmer, George H., and G. T. Skaperdas, to The M. W. Kellogg Co. Method of gas treatment, including impurity removing steps. 2,753,701, 7-10-56, Cl. 62-175.5.
- Palmer, Herman D.: *See—*
- Kircher, Ralph N., and Palmer. 2,731,960.
- Palmer Industries, Inc.: *See—*
- Palmer, Richard L. 2,774,607.
- Palmer, Jay R., to The Ohio Brass Co. Current collector. 2,763,430, 9-18-56, Cl. 319-58.
- Palmer, John F., Jr., to Monsanto Chemical Co. Mineral oil compositions. 2,762,773, 9-11-56, Cl. 252-33.2.
- Palmer, John R.: *See—*
- Erekson, Arthur B., and Palmer. 2,768,085.
- Palmer, John S.: *See—*
- Prosek, John R., and Palmer. 2,771,748.
- Wallenbrock, Ralph E., and Palmer. 2,767,558.
- Palmer, Kenneth S., to Chrysler Corp. Handle attachment means. 2,733,942, 2-7-56, Cl. 287-53.
- Palmer, Leon E.: *See—*
- Dodge, Ronald D., and Palmer. 2,737,280.
- Dodge, Ronald D., and Palmer. 2,753,973.
- Palmer-Pann Corp.: *See—*
- Klein, Max S. 2,738,606.
- Palmer, Paul C., and A. O. Berry. Self-cooling container. 2,773,358, 12-11-56, Cl. 62-92.
- Palmer, Richard C.: *See—*
- Mautner, Leonard, and Palmer. 2,743,363.
- Palmer, Richard C., to Allen B. Du Mont Laboratories, Inc. Pulse separating circuit. 2,732,427, 1-24-56, Cl. 178-69.5.
- Palmer, Richard C., to Allen B. Du Mont Laboratories, Inc. Photosensitive device. 2,732,469, 1-4-56, Cl. 201-63.
- Palmer, Richard C., to Allen B. Du Mont Laboratories, Inc. Cathode ray tube. 2,750,132, 6-12-56, Cl. 313-92.
- Palmer, Richard L., to Palmer Industries, Inc. Panel handler. 2,774,607, 12-18-56, Cl. 280-47.3.
- Palmer, Rundlette K. Body attached pencil or pen container and retracting means. 2,755,772, 7-24-56, Cl. 152-209.
- Palmer, William D. Self-sealing coupling. 2,753,195, 7-3-56, Cl. 284-18.
- Palmer, William E., to Swift & Co. Feeding magazine. 2,740,552, 4-3-56, Cl. 221-178.
- Palmer, Winslow, to Sperry Rand Corp. Timing apparatus. 2,731,634, 1-17-56, Cl. 343-103.
- Palmgren, Nils A., to SKF Industries, Inc. Roller bearing with free guide ring. 2,740,675, 4-3-56, Cl. 308-212.
- Palmgren, Nils G., and E. A. Wiberg, to Telefonaktiebolaget L. M. Ericsson. Device at contact spring groups, especially for electromagnetic relays. 2,739,209, 3-20-56, Cl. 200-166.
- Palmgren, Per G., to SKF Industries, Inc. Spherical roller bearing for rocking railway journal box. 2,730,414, 1-10-56, Cl. 308-180.
- Palmgren, Per G., to SKF Industries, Inc. Rocking railway journal box. 2,762,317, 9-11-56, Cl. 105-223.
- Palmgren, Per G., and P. S. Ball, to SKF Industries, Inc. Device for damping by fluids, the weaving motion of railway car wheels. 2,751,266, 6-19-56, Cl. 308-180.
- Palmieri, Joseph, and P. Peritano. De-sheller for hard boiled eggs. 2,760,338, 8-28-56, Cl. 146-2.
- Palmore, Robert A., to American Air Filter Co., Inc. Filter frame. 2,739,667, 3-27-56, Cl. 183-71.
- Palmore, Robert A., to American Air Filter Co., Inc. Unit filter latch. 2,771,155, 11-20-56, Cl. 183-49.
- Palmqvist, Fredrik T., to Aktiebolaget Separator. Method of soap-making. 2,744,922, 5-8-56, Cl. 260-418.
- Palmqvist, Knut R.: *See—*
- Persson, Janne O., and Palmqvist. 2,762,267.
- Palmst Co., The: *See—*
- Hotchkiss, James R. 2,734,547.
- Sislik, Ivan. 2,746,340.
- Palo, Maurice M., to Astatic Corp. Stylus-holding chucks for phonograph pick-up cartridges. 2,768,245, 10-23-56, Cl. 179-100.41.
- Palo, Maurice M.: *See—*
- Pauli, Charles F., and Palo. 2,763,730.
- Palsic, Ferdinand. Check valve-pins for fountain pens. 2,748,749, 6-5-56, Cl. 120-48.
- Palson, Richard C. J., to Farrington Mfg. Co. Combination carrying case and article container. 2,747,759, 5-29-56, Cl. 220-17.
- Paluch, Milton M., and C. A. Teichert, to General Motors Corp. Compression operated fuel injector. 2,740,668, 4-3-56, Cl. 299-107.2.
- Palumbo, Vincent E. Cam mechanism. 2,770,140, 11-13-56, Cl. 74-56.



- Palumbo, Vincent E. Controlled stroke, piston type gas generator for producing gas to operate turbines, etc. 2,770,225, 11-13-56, Cl. 123-58.
- Pan, Wen Y., to Radio Corp. of America. Multi-channel UHF oscillators. 2,729,746, 1-3-56, Cl. 250-36.
- Pan, Wen Y., to Radio Corp. of America. Multiband UHF oscillators. 2,745,961, 5-15-56, Cl. 250-36.
- Pan, Wen Y., and R. D. Flood, to Radio Corp. of America. Ultra high frequency oscillation injection equalizer. 2,752,486, 6-26-56, Cl. 250-20.
- Pan, Wen Y., and D. J. Carlson, to Radio Corp. of America. Tunable oscillator circuits. 2,753,456, 7-3-56, Cl. 250-36.
- Pan, Wen Y., and H. M. Wasson, to Radio Corp. of America. Signal converter circuit. 2,760,061, 8-21-56, Cl. 250-20.
- Pan-Am Southern Corp. *See—*  
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- Pan American Pipe Line Co. *See—*  
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- Panel-Master Co., The. *See—*  
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- Panetti, Ernest A. Nursing bottle. 2,742,168, 4-17-56, Cl. 21-1.
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- Panich, Michael, J. F. Shannon, and P. S. Dickey, to Bailey Mfg. Co. Bias adjusting apparatus for fluid pressure control. 2,731,022, 1-17-56, Cl. 137-82.
- Panish, Erwin J. Clutch and throttle control for engine. 2,771,168, 11-20-56, Cl. 192-096.
- Pankove, Jacques I. *See—*  
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- Pankove, Jacques I., to Radio Corp. of America. Semiconductor devices. 2,734,154, 2-7-56, Cl. 317-235.
- Pankove, Jacques I., to Radio Corp. of America. Power transistors. 2,754,455, 7-10-56, Cl. 317-234.
- Pankove, Jacques I. Sound-producing fish and game lure. 2,757,775, 8-7-56, Cl. 171-1.
- Pankratz, Howard J., to Phillips Petroleum Co. Combined excess flow and shut off valve. 2,740,418, 4-3-56, Cl. 137-68.
- Panmetals and Processes Inc. *See—*  
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- Pannier Corp., The. *See—*  
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- Panoramic Radio Products, Inc. *See—*  
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- Pansa, Thomas G. *See—*  
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- Pansing, William F., to Standard Oil Co. Fluidized solids contacting system for the reforming of hydrocarbons. 2,766,185, 10-9-56, Cl. 196-50.
- Pantages, Steven. Multiple remote control switch. 2,745,915, 5-15-56, Cl. 200-11.
- Pantages, Steven N. Cymatophone. 2,755,461, 7-17-56, Cl. 343-5.
- Pantano, Andrew J. *See—*  
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- Pantechnickoff, Jacques I. *See—*  
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- Pantechnickoff, Jacques I., now by change of name Jacques I. Pankove, to Radio Corp. of America. Semiconductor devices. 2,734,102, 2-7-56, Cl. 179-171.
- Panter, Irwin *See—*  
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- Pantuosco, Philip *See—*  
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- Panzerbieter, Hans, K. Hagenhaus, S. H. Jabczynski, A. Bachner, and G. Tiesler, to Siemens & Halske Aktiengesellschaft. Automatic telephone system. 2,739,185, 3-20-56, Cl. 179-18.
- Paoillo, Ralph *See—*  
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- Paoloni, Carlo, to Rumanica S. p. A. Soil conditioner and method of making same. 2,741,876, 4-17-56, Cl. 47-58.
- Paoloni, Carlo, and P. Pennetti, to Rumanica S. p. A. Apparatus for producing alkali metal hydroxide. 2,748,072, 5-29-56, Cl. 204-22.
- Paolucci, Vincent R. Hydraulic brake and jack combination unit control device for vehicle. 2,764,249, 9-25-56, Cl. 180-82.
- Papa, Domenick *See—*  
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- Papa, Domenick, and S. B. Coan, to Schering Corp. Benzyl esters of alkyl piperidinols. 2,745,837, 5-15-56, Cl. 260-294.7.
- Papaleck, Robert J. *See—*  
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- Pape, Adolph G. Louver window-washer. 2,773,276, 12-11-56, Cl. 15-130.
- Pape, Arthur A. Metal shears. 2,766,526, 10-16-56, Cl. 30-251.
- Pape, Hans-Martin, to G. F. Gerds. Pressure and temperature operated steam strap. 2,749,045, 6-5-56, Cl. 236-59.
- Pape, Harry E., to American Viscose Corp. Deaerators. 2,773,555, 12-11-56, Cl. 183-2.5.
- Papée, Henry M., to Sherritt Gordon Mines Ltd. Method of producing metal powder from solutions. 2,740,708, 4-3-56, Cl. 173-108.
- Paper Converting Machine Co., Inc. *See—*  
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- Paper Mate Mfg. Co. *See—*  
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Owens, William V. 2,764,339.
- Papesch, Viktor, and E. F. Schroeder, to G. D. Searle & Co. Cyanoacetylenylureas. 2,729,669, 1-3-56, Cl. 260-465.4.
- Papesch, Louis F. Truck tire rim. 2,766,803, 10-16-56, Cl. 152-411.
- Papish, Michael J. Apparatus for curling hair. 2,764,985, 10-26-56, Cl. 132-41.
- Papitto, Gene. Automatic and time controlled channel selection television or radio receivers. 2,755,424, 7-17-56, Cl. 318-443.
- Papouchek, Franz, to Radio Corp. of America. Harmonic generator circuit. 2,742,572, 4-17-56, Cl. 250-36.
- Papp, Paul. Frictional driving mechanisms. 2,737,821, 3-13-56, Cl. 74-209.
- Pappas, Michael A. *See—*  
Baran, Edward C., Fletcher, Jatzek, and Pappas. 2,752,307.
- Pappas, Phillip M. Combination gas and electrically heated fryer. 2,756,321, 7-24-56, Cl. 219-44.
- Papritz, Franz, to Fardard S. A. Apparatus for taking stereoscopic pictures intended for mounting in front of the adjustable objective of a camera for taking two-dimensional pictures. 2,736,250, 2-28-56, Cl. 95-18.
- Papworth, Walter A. *See—*  
Emmons, Arthur N., and Papworth. 2,751,942.  
Hartman, Eric, and Papworth. 2,765,824.
- Papworth, Walter A. Portable power driven reciprocable cutting tool. 2,775,272, 12-25-56, Cl. 143-68.
- Paquette, Elmer G. *See—*  
Elsen, John B., Girardot, Paquette, and Rohowetz. 2,756,173.
- Paquette, Elmer G., to Bjorksten Research Laboratories, Inc. Apparatus for applying thixotropic material to a continuous web material. 2,766,721, 10-16-56, Cl. 118-405.
- Paquin, Leon J., to The National Cash Register Co. Method for making paper filled with aluminosilicate. 2,757,085, 7-31-56, Cl. 92-91.
- Paquin, Patrick A. Fuel tank sediment trap. 2,770,362, 11-13-56, Cl. 210-43.
- Paradis, Ernest and R. Chain saw filing tool. 2,736,216, 2-28-56, Cl. 76-31.
- Paradis, Romeo *See—*  
Paradis, Ernest and R. 2,736,216.
- Paradise, Francis C., to Stewart-Warner Corp. Hand valve. 2,732,171, 1-24-56, Cl. 251-233.
- Paradise, Francis C., to Stewart-Warner Corp. Spray painting system. 2,763,513, 9-18-56, Cl. 299-86.
- Paradise, Robert R. *See—*  
Fisher, Elmer L., and Paradise. 2,739,857.
- Paradiso, Sam J., and A. A. Hilgart, to The Upjohn Co. Tank and tank moving apparatus. 2,761,522, 9-4-56, Cl. 180-12.
- Parafra, Inc. *See—*  
Deerdt, Thomas J. 2,770,307.
- Paragon Electric Co. *See—*  
Everard, Joseph J. 2,736,377.
- Para-Lux Products Co. *See—*  
Iverson, Arden L. 2,744,623.  
Iverson, Arden L. 2,748,929.  
Iverson, Arden L. 2,774,527.
- Paramount Textile Machinery Co. *See—*  
Bell, Henry G. 2,737,324.  
Pope, William P. 2,767,568.
- Paraskewik, William *See—*  
Damm, Carl A., and Paraskewik. 2,747,954.
- Paravox, Inc. *See—*  
Tresise, Raleigh E., and Kendall. 2,761,018.
- Parcaro, Michael. Air conditioning system. 2,748,572, 6-5-56, Cl. 62-4.
- Parcaro, Michael. Refrigeration and air conditioning. 2,764,876, 10-26-56, Cl. 62-115.
- Pardee, Lloyd W., to The Scott & Fetzer Co. Adjustable blade positioning and guiding attachment for grinding wheel. 2,748,543, 6-5-56, Cl. 51-102.
- Pardee, Charles E., to American Viscose Corp. Flexible safety elevator door pull. 2,736,073, 2-28-56, Cl. 20-19.
- Parducci, Ralph R., and W. A. Brenneck, to Westinghouse Electric Corp. Bulb unloading device for a continuous conveyor type machine. 2,771,950, 11-27-56, Cl. 198-27.
- Parechot, S. A. *See—*  
Vuilleumier, Marcel. 2,746,239.
- Paralex Corp. *See—*  
Douglas, Greig C., Wagner, and Boydston. 2,757,739.
- Parent, Edmond H. A. Filing drawer with cards clamping device. 2,759,480, 8-21-56, Cl. 129-29.

- Parets, Herbert L. Shirt construction. 2,740,967, 4-10-56, Cl. 2—139.
- Parham, Sidney F., to Emhart Mfg. Co. Method and apparatus for heat sealing. 2,766,809, 10-16-56, Cl. 154-42.
- Parhaniemi, Leonard J.: *See* Parhaniemi, Osmo E.
- Parhaniemi, Osmo E. 2,775,153.
- Parhaniemi, Osmo E.  $\frac{1}{2}$  to L. J. Parhaniemi. Stud drivers and pullers. 2,775,153, 12-25-56, Cl. 81—53.
- Parilla, Arthur R., to the United States of America as represented by the Secretary of the Navy. Pressure actuated seal. 2,742,175, 1-17-56, Cl. 226—24.5.
- Parini, Carlo P. Method for producing rubber soled shoes. 2,743,483, 5-1-56, Cl. 18—59.
- Paris, Francois G.: *See*—
- Kadosch, Marcel, Paris, Bertin, and Marchal. 2,738,646.
- Marchal, Raymond H., Paris, Bertin, and Bauge. 2,748,564.
- Sarrazin, Paul, Paris, and Bertin. 2,748,753.
- Paris, Francois G., J. Le Foll, J. H. Bertin, and M. J. Baraut, to Societe Nationale d'Etude et de Construction de Moteurs d'Aviation. Jet propulsion engine with pulse jet units. 2,750,733, 6-19-56, Cl. 60—35.6.
- Paris, Israel R.: *See*—
- Pawley, Myron G., and Sacks. 2,753,393.
- Paris, Lena B.: *See*—
- Fawley, Myron G., and Sacks. 2,753,393.
- Paris, Robert E., and J. A. Wieland, to International Business Machines Corp. Device for making perforated records in transit. 2,746,548, 5-22-56, Cl. 164—115.
- Parish, Francis P., to Sattler Products Corp. Coated tampon. 2,743,505, 2-14-56, Cl. 128—285.
- Parish, Richard L., Jr., to American Flange & Manufacturing Co., Inc. Capsules for container closures. 2,760,671, 8-28-56, Cl. 220—27.
- Parish, William E. 2,760,671.
- Bissell, Carl H., and Parish. 2,751,567.
- Parisi, Anthony, to Pekay Machine and Engineering Co., Inc. Belt conveyor frame construction. 2,731,138, 1-17-56, Cl. 198—204.
- Parke, Alexander C. Automatic water sprinkler control valve. 2,766,070, 10-9-56, Cl. 299—25.
- Park, Arthur D., to Armstrong Cork Co. Mineral fiber product. 2,773,764, 12-11-56, Cl. 92—3.
- Park, Arthur L., to Saco-Lowell Shops. Slasher. 2,752,660, 7-3-56, Cl. 28—23.
- Park, Dan M.: *See*—
- Stavenau, Harold L., and Park. 2,775,446.
- Park, Harold F., to Monsanto Chemical Co. Polyvinyl sulfonamides and process for preparing the same. 2,750,358, 6-12-56, Cl. 260—79.3.
- Park, Harold F., to Monsanto Chemical Co. Process for the preparation of polyvinyl sulfonamide. 2,754,287, 7-10-56, Cl. 200—79.3.
- Park, Harold F., to Monsanto Chemical Co. Process for preparing ethylene sulfonyl chloride. 2,772,307, 11-27-56, Cl. 260—54.3.
- Park, Harold F., and R. J. Anderson, to Monsanto Chemical Co. Resinous nitromethane reaction products. 2,760,951, 8-28-56, Cl. 260—79.3.
- Park, Harold F., and R. M. Dickey, to Monsanto Chemical Co. Vinyl sulfonamide-acrylonitrile copolymers. 2,760,955, 8-28-56, Cl. 260—79.3.
- Park, Harry, to C. Hager & Sons Hinge Mfg. Co. Loose-pin butt-hinge. 2,734,223, 2-14-56, Cl. 16—169.
- Park, Harwood E.,  $\frac{1}{2}$  to G. H. Peterson. Electrical induction welding method and apparatus. 2,762,892, 9-11-56, Cl. 219—8.5.
- Park, John W., and O. R. Wolf, to Tribune Co. Lock-up mechanism for dry offset printing plates. 2,768,578, 10-30-56, Cl. 101—415.1.
- Park, Mildred, to Kamehameha Garment Co. Ltd. Method for making lady's bathing suit. 2,768,382, 10-30-56, Cl. 2—67.
- Park, Ralph G., to Wilbur Curtis Co., Inc. Quick change mounting for electric heaters. 2,765,592, 10-2-56, Cl. 219—37.
- Park, Ralph S.: *See*—
- Donaldson, Robert D., and Park. 2,767,223.
- Park, Ralph S., and R. H. Stair, to All-Sol Chemical & Dye Corp. Production of chloroform of low water content. 2,746,912, 5-22-56, Cl. 202—42.
- Park, Richard B., to The Fuller Brush Co. Mop frame and handle connecting device. 2,755,495, 7-24-56, Cl. 15—144.
- Park, Richard B., to The Fuller Brush Co. Fabric mop and retaining structure therefor. 2,755,498, 7-24-56, Cl. 15—229.
- Park, Sherman Co.: *See*—
- Gordon, Howard R. 2,757,467.
- Parke, Alfred S., to L. A. Darling Co. Frame unit and bracket structure. 2,744,714, 5-8-56, Cl. 248—245.
- Parke, Davis & Co.: *See*—
- Burchhalter, Joseph H. 2,746,963.
- Cavalla, John F. 2,744,118.
- Edgerton, William H., and Hull. 2,735,848.
- Elselager, Edward F. 2,756,234.
- Elselager, Edward F., Short, and Lademan. 2,731,470.
- Elselager, Edward F., Short, and Sullivan. 2,773,064.
- Godofred, Erik F. 2,738,303.
- Jacob, Robert M., and Roberts. 2,751,413.
- Long, Loren M. 2,767,213.
- Moersch, George W., and Moore. 2,759,001.
- Parke, Harry G. Peak voltage meter. 2,764,737, 9-25-56, Cl. 324—103.
- Parke, Thomas V.: *See*—
- Davis, William W., and Parke. 2,748,074.
- Parker, Alfred T., and J. W. Shaw, to Stoddart Aircraft Radio Co., Inc. Selective rotary reversing switches. 2,740,056, 3-27-56, Cl. 307—149.
- Parker, Allen J. Painter's drop cloth. 2,755,009, 7-17-56, Cl. 228—60.
- Parker Appliance Co., The: *See*—
- Alaska, Walter A., and Davies. 2,729,244.
- Asbury, Donald C., and Holzer. 2,736,339.
- Badger, Everett H., Jr. 2,737,819.
- Blask, Louis D. 2,734,581.
- Currie, William B. 2,758,009.
- Holzer, Theodore H., and Asbury. 2,743,900.
- Holzer, Theodore H., and Asbury. 2,772,848.
- Margrave, Wilton. 2,755,058.
- Sweeney, Morgan L., Jr. 2,774,379.
- Taylor, S. Blackwell. 2,737,363.
- Parker, Carlyle V., and L. L. Cazenavette. Artificial antenna beam sharpening system. 2,741,759, 4-10-56, Cl. 343—6.5.
- Parker, Charles A., to Burroughs Corp. Calculating mechanism. 2,738,129, 3-13-56, Cl. 235—60.31.
- Parker, Charles A., to Burroughs Corp. Differential aligning and retaining mechanism for calculating machines. 2,740,582, 4-3-56, Cl. 235—60.
- Parker, Charles A., and C. K. Rainey, to Burroughs Corp. Slide bar control mechanism. 2,731,197, 1-17-56, Cl. 235—60.
- Parker, Charles A., and C. K. Rainey, to Burroughs Corp. Type bar control mechanism. 2,746,381, 5-22-56, Cl. 101—99.
- Parker, Charles A., and C. K. Rainey, to Burroughs Corp. Motor bar interlock. 2,749,040, 6-5-56, Cl. 235—130.
- Parker, Charles A., and C. K. Rainey, to Burroughs Corp. Differential actuating and printing mechanism for an accounting machine. 2,758,785, 8-14-56, Cl. 235—60.28.
- Parker, Charles, Co., The: *See*—
- Connors, James J., and Eisenheimer. 2,732,159.
- Parker, Clarence E., to The Coe Mfg. Co. Veneer clipper. 2,747,783, 2-23-56, Cl. 164—48.
- Parker, Donald W., to Radio Corp. of America. Optical system for image projection devices. 2,743,648, 5-1-56, Cl. 88—24.
- Parker, Donald W. Flexible retainer for car sides. 2,756,695, 7-31-56, Cl. 73—31.
- Parker, Donald W., Jr.: *See*—
- De Forest, Taber, and Parker. 2,774,886.
- Parker, Earl E.: *See*—
- Moffett, Eugene W., and Parker. 2,760,948.
- Parker, Earl E., to Pittsburgh Plate Glass Co. Quaternary ammonium compounds as accelerators of polymerization of ethylenic compounds. 2,740,765, 4-3-56, Cl. 260—45.4.
- Parker, Edwin C. Necktie. 2,734,196, 2-14-56, Cl. 2—150.
- Parker, Edwin D.: *See*—
- McLean, Alexander F., and Parker. 2,740,789.
- Parker, Edwin D., and E. E. Stelzer, to Parker Sweeper Co. Sweeper. 2,737,673, 3-13-56, Cl. 15—79.
- Parker, Edwin D., and E. E. Stelzer, to Parker Sweeper Co. Squeegee. 2,737,414, 10-23-56, Cl. 15—83.
- Parker, Elliot, to Fray Corp. Method of making filter cartridges. 2,739,916, 3-27-56, Cl. 154—81.
- Parker, Emery: *See*—
- Mack, Gerry P., and Parker. 2,739,902.
- Mack, Gerry P., and Parker. 2,739,905.
- Mack, Gerry P., and Parker. 2,745,819.
- Parker, Floyd S. Fishing pole holder. 2,751,174, 6-19-56, Cl. 248—42.
- Parker, Frank H., to S. C. Peplin. Mixing valve. 2,753,891, 7-10-56, Cl. 137—635.
- Parker, Frederick Ltd.: *See*—
- Parker, Frederick W. 2,772,083.
- Parker, Frederick W., to Frederick Parker Ltd. Drier and mixer for fluent solid material. 2,772,083, 11-27-56, Cl. 263—23.
- Parker, George D. Bicycle flashing reflector. 2,741,948, 4-17-56, Cl. 88—81.
- Parker, George E., to Woodward Governor Co. Compensated condition control regulator. 2,756,725, 7-31-56, Cl. 121—4.
- Parker, Glenn R.: *See*—
- Smith, John L., and Parker. 2,747,272.
- Parker Halversen Co.: *See*—
- Halversen, Roy A., and Parker. 2,741,565.
- Parker, Halversen Co., to Esso Research and Engineering Co. Mixing valve structure and method of operation. 2,737,979, 3-13-56, Cl. 137—625.34.
- Parker, Henry G. Banana core extraction tool. 2,751,864, 6-26-56, Cl. 107—3.
- Parker, Henry W., to Sylvania Electric Products Inc. Vending machine. 2,732,923, 1-31-56, Cl. 194—7.
- Parker, Henry W. Method and apparatus for precision echo ranging. 2,754,492, 7-10-56, Cl. 340—15.
- Parker, Humphrey F.: *See*—
- Robins, Erford E., and Parker. 2,773,668.
- Wilson, Thomas A., Parker, Kieffer, and Gillette. 2,771,735.
- Parker, Humphrey F., and E. E. Robins, to Columbus McKinnon Chain Corp. Hoist. 2,772,072, 11-27-56, Cl. 254—167.
- Parker, Jack R. Method of and apparatus for designing industrial plant layout. 2,738,584, 3-20-56, Cl. 33—1.
- Parker, James C.: *See*—
- Moorthend, Milton M., Jr., and Parker. 2,745,092.
- Parker, James F., 40% to W. C. Myers, Jr. Knife having a replaceable blade. 2,751,684, 6-26-56, Cl. 30—330.



- Parker, James P.: *See*—  
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- Parker, John A.: *See*—  
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- Parker, John J., and E. T. Morawski. Holder for hollow work pieces. 2,765,175, 10-2-56, Cl. 279-2.
- Parker, John O.: *See*—  
Halversen, Roy A., and Parker. 2,741,565.
- Parker, Leland C., to Bendix Aviation Corp. Electromagnetic pump. 2,761,892, 9-2-56, Cl. 103-53.
- Parker, Leland C., to Bendix Aviation Corp. Reciprocating electromagnetic pump. 2,768,580, 10-30-56, Cl. 103-38.
- Parker, Leland L., to the United States of America as represented by the Secretary of the Navy. Marker buoy. 2,752,615, 7-3-56, Cl. 9-9.
- Parker, Leon: *See*—  
Silverman, Alexander, and Parker. 2,736,141.
- Parker, Leon, to The H. I. Thompson Fiberglas Co. Method of forming felted silica fibers. 2,730,475, 1-10-56, Cl. 154-44.
- Parker, Leon O., to San Francisco Research Corp. Moldable and readily removable surgical casts and molds. 2,761,443, 9-4-56, Cl. 128-91.
- Parker, Louis W. Axial airgap motors and generators. 2,734,140, 2-7-56, Cl. 310-268.
- Parker, Louis W. Turbo-generator. 2,743,375, 4-24-56, Cl. 290-2.
- Parker, Louis W. Tap switch. 2,755,364, 7-17-56, Cl. 200-158.
- Parker, Louis W. Tuning system for radio and television receivers. 2,773,119, 12-4-56, Cl. 178-5.8.
- Parker, Louis W. Electrical indicating instruments. 2,773,239, 12-4-56, Cl. 324-150.
- Parker Mfg. Co.: *See*—  
Parker, William E. 2,746,070.
- Parker, Marvin M., to G. A. Kelly Plow Co. Four row cultivator. 2,752,837, 7-3-56, Cl. 97-47.31.
- Parker, Matthew: *See*—  
Harris, Richard A., Parker, and Carter. 2,737,387.
- Parker, Melvin, and O. E. Wilson. Bulldozer attachment for tractors. 2,742,720, 4-24-56, Cl. 37-144.
- Parker, Norman H. Orthopedic device for straightening and relieving pain of ingrown nails. 2,746,451, 5-22-56, Cl. 128-81.
- Parker, Norman W.: *See*—  
Wissel, Francis A., Parker, and Wedig. 2,739,182.
- Parker, Norman W., to Motorola, Inc. Color television receiver. 2,745,900, 5-15-56, Cl. 178-5.4.
- Parker, Norman W., to Motorola, Inc. Television receiver. 2,759,122, 8-14-56, Cl. 315-13.
- Parker, Norman W., to Motorola, Inc. Color television receiver with automatic frequency control. 2,766,320, 10-9-56, Cl. 178-5.4.
- Parker, Norman W., to Motorola, Inc. Color demodulator with controlled subcarrier oscillator. 2,766,321, 10-9-56, Cl. 178-5.4.
- Parker, Orrel A. Water jet pump. 2,741,997, 4-17-56, Cl. 103-262.
- Parker, Orville J. Method of treating materials containing sulphides. 2,750,275, 6-12-56, Cl. 75-9.
- Parker Pen Co.: *See*—  
Beckwith, Wendell K. 2,762,337.
- Lawton, Ray A. 2,733,686.
- Perlin, Fred. 2,746,277.
- Perlin, Fred. 2,750,774.
- Perlin, Fred. 2,758,505.
- Perlin, Fred. 2,769,326.
- Rhoades, Nolan K. 2,737,927.
- Rhoades, Nolan K. 2,773,479.
- Schroeder, Lawrence A. 2,745,548.
- Tefft, Ivan D. 2,774,352.
- Parker, Ray C., to Bethlehem Steel Co. Method and apparatus for launching marine vessel. 2,730,864, 1-17-56, Cl. 61-67.
- Parker, Richard W., and E. E. Stelzer, to Parker Sweeper Co. Sweeper drive wheel raising means. 2,749,996, 6-12-56, Cl. 150-19.
- Parker Rust Proof Co.: *See*—  
Borghetti, Peter, and Cavanagh. 2,762,733.
- Gibson, Robert C. 2,774,696.
- Ley, Hellmut, Stenger, Werner, and Lampatzter. 2,758,949.
- Nicholson, Andrew, and Wilkinson. 2,744,555.
- Russell, William S. 2,743,204.
- Russell, William S. 2,766,153.
- Russell, William S. 2,766,154.
- Russell, William S. 2,769,737.
- Somers, Richard L. 2,762,732.
- Parker, Sam E. Impedance measuring system. 2,762,971, 9-11-56, Cl. 324-57.
- Parker, Sam E. Transmitter multiplexing system. 2,774,069, 12-11-56, Cl. 343-858.
- Parker, Samuel P., to Callaway Mills Co. Fabric article treating apparatus. 2,772,657, 12-4-56, Cl. 118-315.
- Parker Stamp Works, Inc.: *See*—  
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- Parker Sweeper Co.: *See*—  
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- Parker, Edwin D., and Stelzer. 2,767,414.
- Parker, Richard W., and Stelzer. 2,749,996.
- Parker, Sydney M., to Automotive Products Co. Ltd. Control mechanism for the transmission systems of motor vehicles. 2,739,678, 3-27-56, Cl. 192-08.
- Parker, Sydney R., and H. Jacobowitz, to the United States of America as represented by the Secretary of the Navy. Amplitude stabilized transistor oscillator. 2,760,075, 8-21-56, Cl. 250-36.
- Parker, Varde L., to Northrop Aircraft, Inc. Hydraulic fuse. 2,744,533, 5-8-56, Cl. 137-87.
- Parker, Warren H.,  $\frac{1}{2}$  to C. W. Butler and  $\frac{1}{2}$  to C. Bork. Machine tool and chuck therefor. 2,744,365, 5-8-56, Cl. 51-237.
- Parker, Willard T.: *See*—  
Bonne, Ralph O., and Parker. 2,752,536.
- Parker, William E., to Parker Mfg. Co. Self-wringing mop. 2,746,070, 5-22-56, Cl. 15-119.
- Parker, William N.: *See*—  
Garner, Lloyd P., and Parker. 2,733,340.
- Parker, William N., to Radio Corp. of America. Electronic circuit protection systems. 2,753,454, 7-3-56, Cl. 250-36.
- Parker, William N., to Radio Corp. of America. Slot coupling for tangent circular waveguide structures. 2,770,778, 11-13-56, Cl. 333-6.
- Parkersburg Rig & Reel Co.: *See*—  
De La Mater, Robert G. 2,741,141.
- De La Mater, Robert G., and Speiden. 2,733,778.
- Parkes, Ralph C., and H. M. Clark, Jr. Building construction. 2,762,470, 9-11-56, Cl. 189-1.
- Parkes, Walter E. and W. W., to Theodore B. Cline. Cutting heads for sausage peeling machines. 2,757,409, 8-7-56, Cl. 17-1.
- Parkes, William W.: *See*—  
Parkes, Walter E. and W. W. 2,757,409.
- Parkhurst, Alfred: *See*—  
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- Parkhurst, John C., Jr. Container for chemicals. 2,752,036, 6-26-56, Cl. 206-47.
- Parkinson & Cowan Ltd.: *See*—  
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- Parkinson, David B.: *See*—  
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- Hill, Henry E., and Parkinson. 2,744,215.
- Parkinson, David B., to Clevite Corp. Adjustable time device for magnetic recorder. 2,756,057, 7-24-56, Cl. 274-22.
- Parks, Asbury S. Separator. 2,732,033, 1-24-56, Cl. 13-11.
- Parks, Asbury S. Methods of and means for dehydrating and processing streams. 2,739,664, 3-27-56, Cl. 183-4.7.
- Parks, Asbury S. Methods of and apparatus for removing liquid and vapor fractions from fluid streams. 2,765,868, 10-29-56, Cl. 183-4.5.
- Parks, Asbury S. Methods of and means for separating hydrocarbon liquids and water from gas streams. 2,768,703, 10-30-56, Cl. 183-2.
- Parks, Asbury S., and G. O. Kimmell, said Parks assignor to said Kimmell. Regulator devices and control assemblies therefor. 2,736,337, 2-28-56, Cl. 137-492.5.
- Parks, Charles H. Pivoted fluke anchor having multiple cross arms. 2,730,984, 1-17-56, Cl. 114-208.
- Parks, Charles H., to Bell Telephone Laboratories, Inc. Time and Traffic controlled trunking system. 2,769,864, 11-6-56, Cl. 179-18.
- Parks, Clarence E., and G. B. Jennings, to The B. F. Goodrich Co. Rigid halide polymer compositions adapted for vacuum forming. 2,753,322, 7-3-56, Cl. 260-45.5.
- Parks, Ernest H. Outdoor cooking range. 2,746,377, 5-22-56, Cl. 99-421.
- Parks, Herman D.: *See*—  
Jacobi, George T., and Parks. 2,740,584.
- Parks, John H., to Caterpillar Tractor Co. Fuel control for supercharged engines. 2,767,700, 10-23-56, Cl. 123-140.
- Parks, Joseph W. Fishing leader. 2,732,652, 1-31-56, Cl. 43-44.83.
- Parks, Joseph W. Rearview mirror. 2,732,764, 1-31-56, Cl. 88-98.
- Parks, Joseph W. Clothes rack. 2,732,953, 1-31-56, Cl. 211-86.
- Parks, Mercer H., to Esso Research and Engineering Co. Foundation for use with soft surface formation. Re. 24,180, 7-10-56, Cl. 61-61.
- Parks, Regis E. Drink dispensing device. 2,746,642, 5-22-56, Cl. 222-15.
- Parks, Richard R.: *See*—  
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- Parks, Thomas D.: *See*—  
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- Parks, Vergil R. Shock absorbing seat back. 2,750,995, 6-19-56, Cl. 155-164.
- Parks, William E., to The Wiremold Co. Corner unit for electric connection assembly. 2,740,429, 4-3-56, Cl. 158-75.
- Parks, William E., to The Wiremold Co. Electrical wiring and connection assembly. 2,743,423, 4-24-56, Cl. 339-21.
- Parks, William J.: *See*—  
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- Parks, William W., and W. R. Peterson, to Vapor Heating Corp. Combination radiant and convection heating system. 2,760,726, 8-28-56, Cl. 237-43.
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- Richardson, Charles G. 2,732,608.
- Parlanti, Conrad A. Anodized metal molds. 2,759,231, 8-21-56, Cl. 22-152.

- Parlasca, Edwin W., to Flexicon Corp. Automobile thermostat. 2,774,540, 12-18-56, Cl. 236—34.
- Parlier, Roger. Key-operated lock. 2,735,287, 2-21-56, Cl. 70—129.
- Parmele, Walter B. Card table covers. 2,772,886, 12-4-56, Cl. 273—13t.
- Parmelee, Alfred F., to Parmelee Plastics Co. Pivot mounting for welder's face shield. 2,736,027, 2-28-56, Cl. 2—8.
- Parmelee, Howard M., to E. I. du Pont de Nemours and Co. Purification of fluorocarbons. 2,738,371, 3-13-56, Cl. 260—64s.
- Parmelee Plastics Co.: See—
- Moeller, William C. 2,770,806.
- Parmelee, Alfred F. 2,736,027.
- Parmer, Delphin J. Device for cutting a line of striations across strip material. 2,751,003, 6-19-56, Cl. 164—42.
- Parmer, Harry W. Signal indicating device. 2,747,045, 5-22-56, Cl. 200—93.
- Parmet, Bernard S., to Motorola, Inc. Pilot lamp approach controller. 2,743,433, 4-24-56, Cl. 340—258.
- Parmiter, Hope & Sugden Ltd.: See—
- Sugden, Eric W. 2,773,151.
- Parnell, William S., and J. W. Taylor, Jr., to the United States of America as represented by the Secretary of the Navy. Oscillator control. 2,730,619, 1-10-56, Cl. 250—36.
- Parnes, Max.: See—
- Dossie, Thomas J., and Parnes. 2,730,812.
- Dossie, Thomas J., and Parnes. 2,753,745.
- Parr, Bernard F., to Westinghouse Electric Corp. Steam iron. 2,750,691, 6-19-56, Cl. 38—77.
- Parr, Bernard F., to Westinghouse Electric Corp. Steam iron base. 2,774,156, 12-18-56, Cl. 38—77.
- Parr, Ronald, and O. T. Evans, to Metropolitan-Vickers Electrical Co. Ltd. Control of alternating current electric motor equipment. 2,746,000, 5-18-56, Cl. 318—21.
- Parr, William G., to Fye Ltd. Trigger circuit. 2,749,437, 6-5-56, Cl. 250—27.
- Parre, Edwin, to Stoner Mfg. Corp. Coin-control mechanism. 2,741,854, 4-10-56, Cl. 194—55.
- Parre, Edwin, to Stoner Mfg. Corp. Heater for dry ingredient dispensers. 2,755,000, 7-17-56, Cl. 222—129.4.
- Parre, Edwin, and G. R. Rogers, to Stoner Mfg. Corp. Method of grain flow control. 2,736,085, 2-28-56, Cl. 29—1.3.
- Parrelli, Benjamin F., to United Shoe Machinery Corp. Machines for shaping shoe uppers. 2,734,207, 2-14-56, Cl. 12—97.
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- Parrette, Richard L., and J. S. Billheimer, to Aerojet-General Corp. Gelatin timing device. 2,731,828, 1-24-56, Cl. 73—150.
- Parrigin, Lyman J.: See—
- Henden, John E., and Parrigin. 2,753,249.
- Parrin, Frank W.: See—
- Boyd, John M., and Parrin. 2,758,766.
- Parrish, Frank T., to Heywood-Wakefield Co. Combination headboard, bed frame, and connecting bracket. 2,736,042, 2-28-56, Cl. 25—131.
- Parrish, Frank W., to International Rectifier Corp. Plug-in mount for a circuit unit. 2,747,167, 5-22-56, Cl. 339—176.
- Parrish, Frank W., to International Rectifier Corp. Fluid cooled encapsulated rectifier stack. 2,766,409, 10-9-56, Cl. 317—234.
- Parrish, Marion M. and W. L. Picker stick checker. 2,750,967, 6-19-56, Cl. 139—167.
- Parrish, Robert B. Tobacco curing stick. 2,738,213, 3-13-56, Cl. 294—5.5.
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- Basham, Raymond B., and Parrish. 2,748,870.
- Parrish, Walter L.: See—
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- Parrish, Wilbert J., to United States Register Co. Removable lever operated register. 2,761,371, 9-4-56, Cl. 98—10.
- Parrish, William C. Vehicle air conditioner. 2,751,758, 6-26-56, Cl. 62—117.1.
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- Parry, Frank, and I. E. Snyder, to The Singer Mfg. Co. Sewing machine lubrication. 2,771,965, 11-27-56, Cl. 184—6.
- Parry, George A., and J. B. Matthews, to Shell Development Co. Production of greases having elevated dropping points. 2,738,329, 3-13-56, Cl. 252—12.1.
- Parry, Harvey L., and B. O. Blackburn, to Shell Development Co. Foam-forming composition containing glycidyl polyether of a dihydric phenol. 2,739,134, 3-20-56, Cl. 260—2.5.
- Parry, Robert E.: See—
- Planka, John W., and Parry. 2,766,140.
- Parry, Vernon F., to the United States of America as represented by the Secretary of the Interior. Apparatus for drying solids in a fluidized bed. 2,763,478, 9-18-56, Cl. 263—21.
- Parry, Vernon F., to the United States of America as represented by the Solicitor of the Department of the Interior. Continuous process for drying, preheating, and devolatilization of carbonaceous materials. 2,773,018, 12-4-56, Cl. 202—27.
- Parsegian, Vozcan L., to the United States of America as represented by the United States Atomic Energy Commission. Diaphragm pump. 2,732,807, 1-31-56, Cl. 103—162.
- Parsegian, Vozcan L. Handbag clasp. 2,765,016, 10-2-56, Cl. 150—42.
- Parrell, Kendrick T. Spectacle frame. 2,756,632, 7-31-56, Cl. 88—63.
- Parrell, Kendrick T. Holder for cleaning and protecting spectacles. 2,762,500, 9-11-56, Cl. 206—5.
- Parshall, Clarence M., and F. Geyer, to United States Rubber Co. Mass spectrometer. 2,744,287, 5-8-56, Cl. 18—12.
- Parshall, Millis V.: See—
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- Parshall, Ralph L., to A. J. Ryan. Pendant vane flow meter. 2,765,656, 10-9-56, Cl. 73—228.
- Parsons, C. A. & Co. Ltd.: See—
- Bentley, Max, Lowthian, and Russell. 2,743,945.
- Richardson, Philip. 2,773,208.
- Parsons, George A. Latch needle pivot. 2,767,566, 10-23-56, Cl. 66—122.
- Parsons, Henry C.: See—
- Gardner, Duncan B., Parsons, and Van Meter. 2,768,699.
- Parsons, Henry M., to Psychological Research Associates Corp. Finger coat eraser. 2,735,127, 2-21-56, Cl. 15—227.
- Parsons, James K., and D. A. Fluegel, to Phillips Petroleum Co. Mass spectrometer. 2,775,708, 12-29-56, Cl. 250—41.9.
- Parsons, John A., to American Plastics Corp. Method of covering rod-like material. 2,736,897, 2-28-56, Cl. 18—59.
- Parsons, John B. Pressure relief for fluid pumps. 2,741,985, 4-1-56, Cl. 93—2.
- Parsons, John K., to the United States of America as represented by the Secretary of the Navy. Pulsing oscillator. 2,755,385, 7-17-56, Cl. 250—36.
- Parsons, John W.: See—
- Malina, Frank J., and Parsons. 2,771,739.
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- Parsons, Lloyd V. Attachment for sheet metal lock forming machine. 2,766,712, 10-16-56, Cl. 113—58.
- Parsons and Marine Engineering Turbine Research and Development Association, Inc.: See—
- Terrell, Basil J. 2,755,621.
- Yates, Henry G. 2,756,077.
- Parsons Marine Steam Turbine Co. Ltd.: The: See—
- Cook, Stanley S. 2,735,658.
- Parsons, William B. Self-aligning, self-lubricating, vibration-absorbing bearing. 2,738,240, 3-13-56, Cl. 308—26.
- Parsons, William A., to Electro Manganese Corp. Removing deposits from diaphragms employed in manganese electro-winning. 2,739,869, 3-27-56, Cl. 8—137.
- Parsons, William F., and N. Little, to Eastman Kodak Co. Glass having interface of reduced lead and diffused silver. 2,748,020, 5-29-56, Cl. 117—33.3.
- Parsons, William W.: See—
- Fischer, Clarence H., and Parsons. 2,734,620.
- Parten Machinery Co.: See—
- Welsh, Ormonde P. 2,746,364.
- Partin, Earl E. Anti-skid wheel assembly. 2,765,199, 10-2-56, Cl. 301—47.
- Partin, Melvin E., to Philco Corp. Pilot signal controlled, color registration system. 2,742,531, 4-17-56, Cl. 178—5.4.
- Partin, Melvin E., to Philco Corp. Color television system. 2,759,042, 8-14-56, Cl. 178—5.4.
- Partington, George. Slubbing mechanism. 2,743,485, 5-5-56, Cl. 19—143.5.
- Partlan, Robert L.: See—
- Bond, Robert D., and Partlan. 2,767,887.
- Parton, Verno W. Lumber sorter. 2,762,508, 9-11-56, Cl. 209—90.
- Partsch, Ernest W., to Servel, Inc. Ice maker. 2,744,390, 5-5-56, Cl. 62—47.
- Parva Products Co.: See—
- White, Paul W. 2,741,819.
- Parvin, John L., to Radio Corp. of America. Disc phonograph records. 2,734,748, 2-14-56, Cl. 274—42.
- Parvin, Winifred B. Measuring and mixing spoon. 2,770,135, 11-13-56, Cl. 73—426.
- Parzen, Benjamin, to International Telephone and Telegraph Corp. Variable frequency oscillator. 2,758,207, 8-7-56, Cl. 250—36.
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- Parzen, Philip: See—
- Aratti, Maurice, and Parzen. 2,774,046.
- Pascale, Martin M., and G. M. Rickus, to Hat Corp. of America. Stapling machine. 2,749,546, 6-12-56, Cl. 1—3.
- Pasch, Erwin F. Curtain rod holder. 2,770,437, 11-13-56, Cl. 248—262.
- Paschall, Eugene E., to Corn Products Refining Co. Preparation of starch sulfate esters. 2,775,586, 12-25-56, Cl. 260—233.5.
- Pascoe, Frank T., to Westinghouse Air Brake Co. Railway track switch controlling apparatus. 2,768,287, 10-23-56, Cl. 246—19.
- Pascoe, Frank T., to Westinghouse Air Brake Co. Combined manual and automatic route control system for railroads. 2,775,689, 12-25-56, Cl. 246—2.
- Pascoe, George, and G. Matvechuk, to Ford Motor Co. Glass rolling apparatus. 2,729,581, 1-3-56, Cl. 154—2.7.
- Pascolini, Frank. Remotely adjustable thermostatic valve. 2,750,117, 6-12-56, Cl. 236—34.
- Pascuad, Claude: See—
- Chuelleron, Jean, Long, and Pascuad. 2,750,271.
- Pascual de Zulueta Adan, Jose L. Apparatus for obtaining an exceedingly fine atomization. 2,732,255, 1-24-56, Cl. 269—9.
- Pascucci, Vito. Clarinet key pad. 2,759,386, 8-21-56, Cl. 84—380.



- Pasculle, Maurice J., to Westinghouse Electric Corp. Reversible commutating-pole motors. 2,735,058, 2-14-56, Cl. 318-297.
- Pasedach, Heinrich: *See*—
- Reppe, Walter, Pasedach, Dreher, and Amann. 2,769,008.
- Reppe, Walter, Pasedach, and Seefelder. 2,734,061.
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- Pashby, Robert W., to Minneapolis-Honeywell Regulator Co. Alternate action mechanism. 2,750,892, 6-19-56, Cl. 74-100.
- Pasik, Leonard F., to Universal Oil Products Co. Reforming without recycle hydrogen. 2,765,264, 10-2-56, Cl. 198-50.
- Pasini, Claudio: *See*—
- Di Marco, Aurelio, and Pasini. 2,744,138.
- Ersampar, Vittorio, Vercellone, and Pasini. 2,744,117.
- Paslay, Roy C., G. M. Pavey, Jr., and P. F. Wipfl, to Martin Instrument Co. Water borne means for making seismic surveys. 2,729,300, 1-3-56, Cl. 181-0.5.
- Pasotti, Felice G., to Ball Brothers Co., Inc. Vertical annealing hearth. 2,748,537, 6-5-56, Cl. 49-47.
- Pasquiere, James, 12% to F. P. Bello, and 28% to R. Pozanski. Safety container closure. 2,772,803, 12-4-56, Cl. 215-43.
- Pasquetti, Carlo. Machine for mixing and extruding. 2,749,571, 6-12-56, Cl. 18-12.
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- Huck, Alfred J., and Pass. 2,729,159.
- Pass, Israel, Knapp-Monarch Co. Electric resistor terminal. 2,768,267, 10-23-56, Cl. 201-67.
- Pass, Sam: *See*—
- Lenz, Lionel C. 2,757,718.
- Trubitt, Philip S. 2,771,939.
- Pass & Seymour, Inc.: *See*—
- Despard, Victor R. 2,748,363.
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- Winter, Paul H., and Zimmermann. 2,759,058.
- Pass, Wilhelm, Jr. Elastic tow rope. 2,751,218, 6-19-56, Cl. 267-69.
- Passal, Frank, to United Chromium, Inc. Bright nickel plating. 2,737,484, 3-6-56, Cl. 204-49.
- Passal, Frank, to Metal & Thermit Corp. Bright acid copper plating. 2,758,076, 8-7-56, Cl. 204-52.
- Passare, J. P. Electrical wall socket. 2,735,079, 2-14-56, Cl. 339-164.
- Passet, Robert, to G. Lissac. Clip-on sunglasses. 2,770,167, 11-13-56, Cl. 88-41.
- Passino, Herbert J.: *See*—
- Dittman, Albert L., Passino, and Teeters. 2,738,343.
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- Teeters, Wilber O., Passino, and Dittman. 2,770,606.
- Passino, Herbert J., to The M. W. Kellogg Co. Vitamin concentration by destearinizing between successive extractions with a chemical solvent. 2,730,484, 1-10-56, Cl. 81-81.
- Passino, Herbert J., to The M. W. Kellogg Co. Plasticization of perhalocarbon polymers. 2,748,098, 5-29-56, Cl. 260-33.8.
- Passino, Herbert J., to The M. W. Kellogg Co. Manufacture of hydrazine. 2,768,878, 10-30-56, Cl. 23-190.
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- Passman, Harry M.: *See*—
- Colby, Robert A., Copeland, Passman, and Wulfsberg. 2,756,573.
- Passmore, Carl B., Jr., and H. C. Peterson. Fishing lure retriever. 2,732,650, 1-31-56, Cl. 43-17.2.
- Passmore, Charles R., to Thorn Electrical Industries Ltd. Electric lamp circuits. 2,774,917, 12-18-56, Cl. 313-97.
- Passons, Erby L., to Broad Street Machine Co. Uniform tension feeding mechanism. 2,746,410, 5-22-56, Cl. 112-254.
- Passow, Edward B., and A. C. De Napoli, to Motorola, Inc. Pilot light switch. 2,732,545, 1-24-56, Cl. 340-258.
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- Rosenkranz, George, Pataki, and Djerassi. 2,733,240.
- Patapasc and Back Rivers Railroad Co.: *See*—
- Jones, Henry C. 2,754,630.
- Patch, Albert C. Mouse trap. 2,741,064, 4-10-56, Cl. 43-81.
- Patch, Harold K., and R. J. Grundy, to Crossfield Products Corp. Composite floor and deck covering construction. 2,771,824, 11-27-56, Cl. 94-3.
- Patchan, Paul C. Water cooler and hot air intake assembly. 2,756,730, 7-31-56, Cl. 123-41.51.
- Patchogue-Plymouth Mills Corp.: *See*—
- Petroske, John H. 2,750,652.
- Pate, Henry C. Cutting device. 2,763,926, 9-25-56, Cl. 30-272.
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- Guanello, Gustav, Glüttinger, Lattmann, and Weber. 2,730,715.
- Patent Button Co. of Tennessee, Inc., The: *See*—
- Melloy, Harold J. 2,741,501.
- Patent and Development, Inc.: *See*—
- Wilson, Robert W. 2,730,838.
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- Leitz, Alfred P., Rudisch, and Szabo. 2,758,038.
- Mohy, Wilfred J. 2,742,441.
- Reeser, Harry C. 2,730,291.
- Schwarz, Walter J. 2,729,574.
- Wagner, Wilmer W., Jr. 2,753,104.
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- Camarda, Frank V., Gumbs, and Lovell. 2,750,302.
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- Allison, Ralph E. 2,768,236.
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- Tomás, Angel T. 2,746,398.
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- Leath, William J., and Bobo. 2,771,733.
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- Weller, Max F. 2,755,616.
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- Pater, Paul G., K. E. Wagner, and H. R. Matre to The Lodge and Shipley Co.—The Hamilton Division. Hydraulic work clamp for squaring shears. 2,766,825, 10-16-56, Cl. 164-52.
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- Patterson, Dugald S., to American Flange & Mfg. Co., Inc. Dispensing gun. 2,744,664, 5-8-56, Cl. 222-326.
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- Paterson, Robert N.: *See*—
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- Path, Mfg. Corp.: *See*—
- Gersley, Charles H., and Schumacher. 2,752,047.
- Patnaude, Helen M.: *See*—
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- Patrick, Gerald L. Truck trailer open door latch. 2,767,006, 10-16-56, Cl. 292-127.
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- Patrick, Tracy M., Jr., to Monsanto Chemical Co. Polyhalogenated polycarboxylates. 2,775,615, 12-25-56, Cl. 260-488.
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- Pattenden, Warren C. *See—*  
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- Patterson, Clifford R., and F. E. de Bourguignon, to Cardox Corp. Fluid control device. 2,752,945, 7-3-56, Cl. 137—62.2.
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Deters, Elmer M., and Patterson. 2,734,460.
- Patterson, Glenn A., and E. M. Deters, to Red Jacket Mfg. Co. Immersible electric motor. 2,739,292, 3-20-56, Cl. 310—87.
- Patterson, Glenn R., and J. R. Matthews. Semi-automatic pie machine. 2,748,725, 6-5-56, Cl. 107—1.
- Patterson, Glenn W. *See—*  
Prepula, Robert J., and Patterson. 2,737,283.
- Patterson, Gordon D., to E. J. Stutz, to E. J. du Pont de Nemours and Co. Silver titanates and their preparation. 2,757,069, 7-31-56, Cl. 23—51.
- Patterson, Graydon M. Baseboard radiator. 2,774,574, 1-18-56, Cl. 257—133.
- Patterson, James A. *See—*  
Craven, Paul M., and Patterson. 2,769,788.
- Patterson, James D. Nut and fruit harvester. 2,729,046, 1-3-56, Cl. 56—328.
- Patterson, James R. Mercury float relay. 2,750,466, 6-12-56, Cl. 200—112.
- Patterson, John A. *See—*  
Knowles, Edwin C., Patterson, and Kluge. 2,734,088.
- Patterson, John H., and C. Sumner. Apparatus for applying a liquid solution to offset presses. 2,758,607, 8-14-56, Cl. 137—114.
- Patterson, John L., and A. Bell, to the United States of America as represented by the United States Atomic Energy Commission. Uranium chlorination process. 2,756,124, 7-24-56, Cl. 23—14.5.
- Patterson, John W., Jr. Dispenser for collapsible tubes. 2,767,883, 10-23-56, Cl. 222—103.
- Patterson, Joseph L. *See—*  
Patterson, Edward J., Jr., and J. L. 2,746,174.
- Patterson, Joseph M., to Food Machinery and Chemical Corp. Spraying apparatus. 2,768,859, 10-30-56, Cl. 299—42.
- Patterson, Joseph W. *See—*  
Strahm, Allen D., and Patterson. 2,752,051.
- Patterson, Lawrence A. *See—*  
Homer, August H., De La Mater, and Patterson. 2,734,917.
- Patterson, Lois M. Toy kit. 2,730,827, 1-17-56, Cl. 41—10.
- Patterson, Luther. Well derrick. 2,742,260, 4-17-56, Cl. 254—139.
- Patterson, Morehead, to American Machine & Foundry Co. Method of sewing buttons. 2,739,555, 3-27-56, Cl. 112—26.5.
- Patterson, Morehead, to American Machine & Foundry Co. Convertible bowling pin spotting machine. 2,743,927, 5-1-56, Cl. 273—43.
- Patterson, Morehead, and J. J. McGinley, to American Machine & Foundry Co. Button sewing machine. 2,739,550, 3-27-56, Cl. 112—10.
- Patterson, Morehead, and W. C. Broekhuysen, to American Machine & Foundry Co. Automatic pin spotter control mechanism. 2,773,689, 12-11-56, Cl. 273—43.
- Patterson, Omar L., to Sun Oil Co. Cathode ray tube function generator. 2,734,137, 2-7-56, Cl. 250—201.
- Patterson, Omar L., to Sun Oil Co. Computing circuits. 2,747,796, 5-29-56, Cl. 235—61.
- Patterson, Ray A. Drawer and stabilizing means therefor. 2,774,644, 12-18-56, Cl. 312—331.
- Patterson, Raymond, to Intrusion-Prepakt, Inc. Method for forming piles. 2,729,067, 1-3-56, Cl. 61—37.
- Patterson, Roy I. Distributor for grain and the like. 2,750,021, 6-12-56, Cl. 193—29.
- Patterson, V. C., & Associates, Inc. *See—*  
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- Patterson, W. M. *See—*  
Wiswell, Grant A. 2,753,442.
- Patterson, Wesley H. *See—*  
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- Patterson, William P. Stop recording attachment for textile machine. 2,742,933, 4-24-56, Cl. 139—336.
- Patterson, William W., III. Deck connector. 2,742,874, 4-1-56, Cl. 114—235.
- Patillo, Sidney M. Rotary valve. 2,772,032, 11-27-56, Cl. 222—330.
- Pattison, Dexter B. *See—*  
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- Patton, Abner P. *See—*  
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- Patton, Bernard J. 15% to W. Shaffer. Fluorescent tube rejuvenator. 2,733,973, 2-7-56, Cl. 116—28.
- Patton, Henry W., to Collins Radio Co. Synchronous rectifier and phase detector. 2,774,932, 12-18-56, Cl. 321—47.
- Patton, James M. *See—*  
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- Patton, Paul W., to National Research Corp. Coating. 2,730,986, 1-17-56, Cl. 118—49.
- Patton, Phillips B., to Lenkurt Electric Co., Inc. Carrier frequency control system. 2,757,239, 7-31-56, Cl. 179—15.
- Patton, William R., and C. E. Minnick, 1/2 to J. M. Patton. Signaling apparatus. 2,749,876, 12-18-56, Cl. 116—28.
- Patzner, Walter E. Liquid dispensing apparatus. 2,742,187, 4-17-56, Cl. 222—70.
- Patzner, William A., to S. B. Atwood. Anti-cheating device coin operated machines. 2,745,531, 5-15-56, Cl. 194—97.
- Paul, William, 1/2 to S. B. Atwood. Coin refunding mechanism. 2,763,272, 9-18-56, Cl. 133—2.
- Pauk, Kath. Brasserie. 2,767,402, 10-23-56, Cl. 2—42.
- Paul, Claude K. Torque suspension weighing scale. 2,736,549, 12-28-56, Cl. 265—55.
- Paul, David H. *See—*  
Bailey, Christopher E. G., and Paul. 2,745,064.
- Paul, Donald *See—*  
Rainbow, Horace S., Paul, and Day. 2,744,680.
- Paul, Edwin F. Fuel mixer insert. 2,769,698, 11-6-56, Cl. 48—
- Paul, Emerson V. *See—*  
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- Paul, Frederick J., to Huntley Mfg. Co. Grain screen cleaner. 2,755,931, 7-24-56, Cl. 209—388.
- Paul, Herbert, to Ruhrchemie Aktien-gesellschaft, and Lurgi Gesellschaft fuer Waermetechnik m. b. H. Catalytic furnace. 2,744,813, 5-8-56, Cl. 23—288.
- Paul, Herbert, and T. van der List, to Ruhrchemie Aktien-gesellschaft. Automatic control of liquid levels in vessels. 2,764,178, 9-25-56, Cl. 137—412.
- Paul, Raymond E., P. J. C. Buisson, and N. M. Joseph, to Societe des Usines Chimiques Rhone-Poulenc. Processes of hydrogenation and to novel catalytic agent therefor. 2,745,064, 5-7-56, Cl. 260—210.
- Paul, Raymond E., P. J. C. Buisson, and N. M. Joseph, to Societe des Usines Chimiques Rhone-Poulenc. Alcohols by borohydride reduction of esters. 2,765,346, 10-2-56, Cl. 260—621.
- Paul, Raymond E., and S. Tchelitcheff, to Societe des Usines Chimiques Rhone-Poulenc. Process for producing vinyl ether derivatives. 2,768,174, 10-23-56, Cl. 260—345.1.
- Paul, Talbert W., to Deere & Co. Adjustable beet digging and lifting device. 2,751,739, 6-26-56, Cl. 55—108.
- Paul, Thomas C., to The Mining Engineering Co. Ltd. Reversible longwall mining machines. 2,767,970, 10-23-56, Cl. 262—27.
- Paul, Walter *See—*  
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- Paulas, John C., to General Photo Mfg. Co., Inc. Apparatus for producing photooxy prints. 2,742,838, 4-24-56, Cl. 95—89.
- Paulavich, Alphonse, to General Electric Co. Clutch actuator. 2,739,685, 3-27-56, Cl. 192—99.
- Paulding Products Corp. *See—*  
Watson, Herman H. 2,771,918.
- Pauls, Lemon B., to Aircraft-Marine Products Inc. Electrical connection, method, and apparatus. 2,740,102, 3-27-56, Cl. 339—276.
- Pauler, Harold R. *See—*  
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Stevenson, Charles B., and Hodges. 2,738,545.
- Pauler, Robert D., to Weyerhaeuser Timber Co. Bark components as resin ingredients. 2,773,847, 12-11-56, Cl. 260—22.
- Pauling, Hans *See—*  
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- Pauling, Loren F. *See—*  
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- Wohlers, Herbert C., Pauling, and Grover. 2,733,264.
- Paul, Charles P., and M. M. Palo, to The Astatic Corp. Microphone having controllable directional characteristics. 2,763,730, 9-18-56, Cl. 179—121.
- Paul, Peter L., to Texaco Development Corp. Process for treating spent oil refinery clay. 2,769,751, 11-6-56, Cl. 106—
- Paul, Peter L., and F. B. Sellers, to Texaco Development Corp. Method of reducing metal oxides. 2,740,706, 4-3-56, Cl. 75—35.



- Pauls, Ingolf F. F. E.: See—  
Langheim, Walter H. D. 2,750,907.
- Paulsen, Albert L.: See—  
Mattson, David F., and Paulsen. 2,743,965.
- Paulsen, Hans C., to United Shoe Machinery Corp. Portable cement extruders. 2,742,142, 4-17-56, Cl. 203-110.
- Paulsen, Hans C., to B. B. Chemical Co. Shoe cover transfer units. 2,746,067, 5-22-56, Cl. 12-1.
- Paulsen, Hans C., to United Shoe Machinery Corp. Cement handling apparatus. 2,765,762, 10-9-56, Cl. 118-410.
- Paulsen, Henry J.: See—  
Brown, Francis L., and Paulsen. 2,766,708.
- Paulsen, John E.: See—  
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- Paulsen, Lloyd O., and C. O. Christensen. Buoyant ring heater for ice fishing. 2,774,856, 12-18-56, Cl. 219-41.
- Paulsen, Robert C.: See—  
Dickinson, Arthur H., and Paulsen. 2,761,966.
- Paulsen, Robert C., to International Business Machines Corp. Variably displaced regulated-voltage power supply. 2,746,008, 5-15-56, Cl. 323-22.
- Paulshock, Marvin: See—  
Gregory, Walter A., and Paulshock. 2,742,500.
- Paulson, Marvin H., to California Research Corp. Separation of xylene isomers by fractional crystallization. 2,769,852, 11-6-56, Cl. 260-674.
- Paulton, Richard A., to The Cincinnati Milling Machine Co. Hydraulic press structure. 2,741,205, 4-10-56, Cl. 12-14.
- Paulus, Howard L., to Wright Mfg. Co. Evaporative automobile cooler. 2,752,134, 6-26-56, Cl. 261-29.
- Pauly, Bruce H.: See—  
Neal, Robert A., and Pauly. 2,739,442.
- Pauly, Charles. Cheese packing. 2,760,430, 8-28-56, Cl. 100-243.
- Pauly, Jacob L.: See—  
Hallerberg, Theodore W., and Pauly. 2,769,890.
- Pauly, Jacob L., to T. W. Hallerberg. Means for flashing signal lights. 2,769,938, 11-6-56, Cl. 315-210.
- Paumen, Theodore F. L. Recreational apparatus. 2,772,722, 12-4-56, Cl. 155-63.
- Paurat, Friedrich-Wilhelm. Supporting frames. 2,749,713, 6-12-56, Cl. 61-45.
- Paust, Lawrence R., deceased, and M. E. De Groff (L. M. Paust, administratrix), to Physical Medicine Products Co. High voltage electro-therapy generator. 2,764,683, 9-25-56, Cl. 250-36.
- Paust, Leah M.: See—  
Paust, Lawrence R., and De Groff. 2,764,683.
- Pautard, Frederick G. R.: See—  
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- Pavelka, Joseph, to J. Pavelka, Jr. Wire connector. 2,731,616, 1-17-56, Cl. 339-249.
- Pavelka, Joseph, to J. Pavelka, Jr. Connector bolt applying tool. 2,742,806, 4-24-56, Cl. 81-53.1.
- Pavelka, Joseph, Jr.: See—  
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- Pavelka, Joseph. 2,742,806.
- Pavelka, Joseph, Jr., to The Toastswell Co., Inc. Food heater and cooker. 2,731,539, 1-17-56, Cl. 219-19.
- Pavey, George M., Jr.: See—  
Pansley, Le Roy C., Pavey, and Winif. 2,729,300.
- Pavkor, George. Air and liquid supply valve for tractor tires. 2,765,835, 10-9-56, Cl. 152-427.
- Pavlecka, Vladimir H. Constant temperature-variable density gas turbine power plant. 2,731,570, 1-17-56, Cl. 290-4.
- Pavlic, Mary C., to The Hoover Co. Throw away filters. 2,755,884, 7-24-56, Cl. 183-51.
- Pavlik, Albert: See—  
Shetter, Glenn W. 2,758,360.
- Pavlish, Arnold E., to Basic Inc. Cementitious composition. 2,745,759, 5-15-56, Cl. 106-106.
- Pawley, Leon P. Flexible shower head. 2,759,765, 8-21-56, Cl. 209-72.
- Pawley, Myron G. Remote control system using phase displacement. 2,760,132, 8-21-56, Cl. 318-28.
- Pawley, Myron G., and J. M. Sacks, 1/4 to L. B. Paris, executrix of I. R. Paris, deceased. Television coding system. 2,753,393, 7-3-56, Cl. 178-5.1.
- Pawlowski, Karl H.: See—  
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- Pawlyk, Peter, to the United States of America as represented by the Secretary of the Army. Apparatus for plating the interior of hollow objects. 2,729,190, 1-3-56, Cl. 118-48.
- Pawlyk, Peter, to The Commonwealth Engineering Co. of Ohio. Apparatus for the deposition of non-conductive copper coatings from vapor phase. 2,738,762, 3-20-56, Cl. 118-49.
- Pawlyk, Peter, and H. R. Nack, to The Commonwealth Engineering Co. of Ohio. Production of printing plates. 2,753,800, 7-10-56, Cl. 101-401.1.
- Pawlyk, Peter, and H. R. Nack, to The Commonwealth Engineering Co. of Ohio. Method of bonding articles. 2,760,261, 8-28-56, Cl. 29-473.1.
- Paw Pav Bait Co.: See—  
Sinclair, Clyde C. 2,765,571.
- Pawstat, Ruben L. Bicycle pedals. 2,731,854, 1-24-56, Cl. 74-594.4.
- Pawstat, Ruben L. Wedge nut forging machine. 2,769,990, 11-13-56, Cl. 10-76.
- Pax, William J. Metal awning. 2,730,778, 1-17-56, Cl. 20-57.5.
- Paxhia, Emanuel F., R. J. Metzger, and L. G. White, to Toolset, Inc. Notching unit. 2,744,575, 5-8-56, Cl. 164-50.
- Paxhia, Emanuel F., R. J. Metzger, and L. G. White, to Toolset, Inc. Punch set apparatus having punch mounted in vertically spaced generally horizontal plates. 2,744,577, 5-8-56, Cl. 164-594.
- Paxson, Gordon D., to the United States of America as represented by the United States Atomic Energy Commission. Pulse forming network. 2,769,903, 11-6-56, Cl. 250-27.
- Paxton, Charles E., to Esso Research and Engineering Co. Oil composition for air filters. 2,732,356, 1-24-56, Cl. 260-1.
- Paxton, Gerald C., to General Nailing Machine Corp. Box end lifting means for nailing machines. 2,738,506, 3-20-56, Cl. 1-10.
- Paxton-Mitchell Co.: See—  
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- Paxton, William J.: See—  
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- Payette, Jean Y.: See—  
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- Payette, Joseph H. C., 30% to M. Dumba, 10% to M. Robert, 15% to J. Payette, and 15% to P. Payette. Vehicle signal device. 2,764,120, 9-25-56, Cl. 116-41.
- Payette, Paul: See—  
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- Payne, Amos O. Filling nozzle with automatic shut-off. 2,758,783, 8-2-56, Cl. 226-127.
- Payne, Charles W.: See—  
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- Payne, Eric R.: See—  
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- Payne, Frank E., to Crane Packing Co. Rotary mechanical seal. Re. 24,135, 3-27-56, Cl. 286-11.
- Payne, Frank E., and H. I. Sole, to Crane Packing Co. Seal for wheel brake. 2,747,902, 5-29-56, Cl. 286-11.14.
- Payne, Frank E., and P. T. Haake, to Crane Packing Co. Rotary mechanical seal. 2,758,556, 8-14-56, Cl. 286-11.
- Payne, Fred A., Jr., to North American Aviation, Inc. Steerable and retractable aircraft landing gear. 2,752,112, 6-26-56, Cl. 244-102.
- Payne, George B., and C. W. Smith, to Shell Development Co. Amides of epoxamines. 2,730,531, 1-10-56, Cl. 260-348.
- Payne, George B., and C. W. Smith, to Shell Development Co. Epoxy esters of polycarboxylic acids. 2,761,870, 9-4-56, Cl. 260-348.
- Payne, Grady L., to Socony Mobil Oil Co., Inc. Hydrocarbon conversion process. 2,748,055, 5-29-56, Cl. 196-14.11.
- Payne, Harold S.: See—  
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- Landis, George G., and Payne. 2,766,360.
- Landis, George G., and Payne. 2,766,361.
- Payne, Harold W. Automobile door with upwardly folding lower section. 2,730,603, 2-28-56, Cl. 296-49.
- Payne, Harold W., to Vapor Heating Corp. Apparatus for forming tubing into coils. 2,771,934, 11-27-56, Cl. 153-67.
- Payne, Harry D. Line anchor. 2,753,022, 7-3-56, Cl. 189-90.
- Payne, John W.: See—  
Penick, Joe E., and Payne. 2,745,795.
- Payne, Osbourne P., and W. H. Keppner. Loading conveyor for vehicles. 2,755,943, 7-24-56, Cl. 214-75.
- Payne, Lester B. Artificial bait retriever. 2,761,235, 9-4-56, Cl. 43-17.2.
- Payne, Nigel E.: See—  
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- Payne, Pearson M. Continuous molding apparatus. 2,742,682, 4-24-56, Cl. 22-20.
- Payne, Richard E. Fountain brush. 2,731,656, 1-24-56, Cl. 1-128.
- Payne, Robert E., to The Sharples Corp. Automatic weighing scale. 2,734,735, 2-14-56, Cl. 265-70.
- Payne, Robert E., to The Sharples Corp. Automatic weighing scale. 2,734,736, 2-14-56, Cl. 265-70.
- Payne, Victor H.: See—  
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- Payne, William F.: See—  
Barrett, Hillard E., Bower, and Payne. 2,773,350.
- Payne, William H., to Dresser Operations, Inc. Non-lubricated piston. 2,768,037, 10-23-56, Cl. 309-23.
- Payson, Osmond. Adjustable keeper for a closure fastener. 2,759,753, 8-21-56, Cl. 292-341.18.
- Payson, Peter: See—  
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- Payson, Peter, to Crucible Steel Co. of America. Alloy steel of high expansion coefficient. 2,739,037, 3-20-56, Cl. 75-123.
- Payson, Peter, to Crucible Steel Co. of America. High silicon-carbon tool steel. 2,753,260, 7-3-56, Cl. 75-126.
- Pazinety, Paul J., Jr., and O. C. De Weese, to General Motors Corp. Extruding machine. 2,738,549, 3-20-56, Cl. 18-12.
- Pazos, Nicolas. Bidet seat. 2,774,078, 12-18-56, Cl. 4-7.
- Peabody Engineering Corp.: See—  
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- Peabody, Howard E. Double throw momentary contact switch. 2,761,029, 8-23-56, Cl. 200-67.
- Peaceman, Donald W., to Esso Research and Engineering Co. Mass flow meter. 2,775,125, 12-23-56, Cl. 73-194.

- Peak, Douglas A.: *See*—  
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- Peak, John L. Amusement device. 2,760,619, 8-28-56, Cl. 194-16.
- Peake, James E.: *See*—  
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- Peake, Patricia Q., to The Commonwealth Engineering Co. of Ohio. 1. Granular seeds and method of preparing them. 2,764,843, 10-2-56, Cl. 47-1.
- Peakin, Kelvin R.: *See*—  
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- Pearce, Arthur W. Chain gauge for a chain saw. 2,755,559, 7-24-56, Cl. 33-202.
- Pearce, Arthur W. Chain gauge for a chain saw. 2,768,450, 10-30-56, Cl. 33-202.
- Pearce, Arthur W. Chain saw sharpener. 2,770,985, 11-29-56, Cl. 76-37.
- Pearce, Calvin D., and Pearce, 2,733,490.
- Pearce Development Co.: *See*—  
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Pearce, Lewis C. 2,732,204.  
Pearce, Lewis C. 2,739,809.  
Pearce, Lewis C. 2,761,360.
- Pearce, Edwin S., to Railway Service and Supply Corp. Filter cartridge. 2,763,373, 9-18-56, Cl. 210-148.
- Pearce, Frank S., to The Standard Oil and Gas Co. Process for sulfur recovery. 2,758,913, 8-14-56, Cl. 23-225.
- Pearce, George C., to General Motors Corp. Domestic appliance. 2,754,402, 7-10-56, Cl. 219-37.
- Pearce, George C., to General Motors Corp. Domestic appliance. 2,754,404, 7-10-56, Cl. 219-37.
- Pearce, George C., to General Motors Corp. Domestic appliance. 2,757,663, 8-7-56, Cl. 126-194.
- Pearce, George C., to General Motors Corp. Cooking utensil including a porous metal cooking surface. 2,765,728, 7-9-56, Cl. 87-13.
- Pearce, George C., to General Motors Corp. Domestic appliance. 2,769,440, 11-6-56, Cl. 126-39.
- Pearce, George C., and J. H. Nellis, to General Motors Corp. Domestic appliance. 2,765,375, 10-2-56, Cl. 200-5.
- Pearce, George W., to Crompton & Knowles Loom Works. Check for picking mechanism. 2,771,099, 11-20-56, Cl. 139-147.
- Pearce, Herbert, and D. Harrison. Soldering tools. 2,748,245, 5-29-56, Cl. 219-27.
- Pearce, Leslie M.: *See*—  
Holroyd, Eric, and Pearce, 2,733,765.
- Pearce, Lewis C., to Pearce Development Co. Adhesive applying apparatus for envelope making machines. 2,730,989, Cl. 118-50.
- Pearce, Lewis C., to Pearce Development Co. Sheet stack feeding mechanism. 2,732,204, 1-24-56, Cl. 271-62.
- Pearce, Lewis C., to The Pearce Development Co. Feeding and delivering means for collating machine. 2,739,809, 7-10-56, Cl. 271-62.
- Pearce, Lewis C., to Pearce Development Co. Method of and apparatus for making window envelopes. 2,761,360, 9-4-56, Cl. 93-61.
- Pearce, Thomas J., and E. N. Mortenson, to Swift & Co. Plant food manufacture. 2,755,176, 7-17-56, Cl. 71-31.
- Pearce, William R.: *See*—  
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- Pearl, Daniel M., to Darwin Products, Inc. Pedal elevators. 2,749,771, 6-12-56, Cl. 74-594.
- Pearl, Daniel M., to Darwin Products, Inc. Built-up pedal construction. 2,751,797, 6-26-56, Cl. 74-594.4.
- Pearl, Donald C., to R. T. Moloney. Tire feeler switch and alarm circuit. 2,763,743, 9-18-56, Cl. 219-61.23.
- Pearl, Lee W.: *See*—  
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- Pearl, Marvin, to Scranton Aluminum Mfg. Co. Extension ladder. 2,760,706, 8-28-56, Cl. 228-18.
- Pearlman, Alan R., to Clevite Corp. Transistor oscillator with current transformer feedback network. 2,748,274, 5-29-56, Cl. 250-36.
- Pearlman, Marshall B., to The Dow Chemical Co. Phenols from certain carboxylic acids. 2,764,587, 9-25-56, Cl. 260-289.
- Pearlson, Wilbur: *See*—  
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- Pearlson, Wilbur H.: *See*—  
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- Pearne, Frank S., to Regent Jack Mfg. Co., Inc. Portable lift. Re. 24,230, 10-23-56, Cl. 254-1.
- Pearne, Frank S., to Regent Jack Mfg. Co., Inc. Portable lift. 2,734,716, 2-14-56, Cl. 254-1.
- Pearne, Frank S., to Regent Jack Mfg. Co., Inc. Fluid pressure actuated tire head breaker with opposed pressure elements. 2,753,924, 7-10-56, Cl. 157-128.
- Pearne, Fred A. Differential steering mechanism. 2,731,277, 1-17-56, Cl. 280-93.
- Pearne & Lacy Machine Co.: *See*—  
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- Pearnsall, Luther T., to Jones & Laughlin Steel Corp. Heat-treating furnace. 2,772,084, 11-27-56, Cl. 263-40.
- Pearse, Rubee J. Floating fountain. 2,745,697, 5-15-56, Cl. 299.
- Pearson, Anthony P., and R. I. Pigott. Golf cart with collapsible wheel structure. 2,770,466, 11-13-56, Cl. 280-41.
- Pearson Candy Co.: *See*—  
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- Pearson, Charles B., to Hughes Tool Co. Adjustable ammunition booster sprockets. 2,756,636, 7-31-56, Cl. 89-33.
- Pearson, Charles J., to United States Register Co. Air diffusing base register. 2,768,571, 10-30-56, Cl. 98-106.
- Pearson, Charles, Jr.: *See*—  
Glass, Marvin L., and Pearson, 2,763,959.
- Pearson, Charles M.: *See*—  
Corbin, Wesley S., and Pearson, 2,747,471.
- Pearson, David, to The Jeffrey Mfg. Co. Loader-conveyor apparatus. 2,732,056, 1-24-56, Cl. 198-8.
- Pearson, Dwight H.: *See*—  
Moon, Seaton, Pearson, and Yoden, 2,767,595.
- Pearson, Gerald L., to Bell Telephone Laboratories, Inc. Fabrication of silicon translating devices. 2,757,324, 7-31-56, Cl. 311-4.
- Pearson, John, and J. S. Rinehart, to the United States of America as represented by the Secretary of the Navy. Method for determining high intensity transient stresses in impulsively loaded bodies. 2,761,309, 9-4-56, Cl. 73-12.
- Pearson, John H.: *See*—  
Staeger, Stephen A., and Pearson, Re. 24,185.
- Pearson, Martin L. Intermittent tone device. 2,750,919, 6-19-56, Cl. 116-138.
- Pearson, Olaf. Self-aligning adjustable hanger for sliding door. 2,741,794, 4-17-56, Cl. 16-93.
- Pearson, Olaf. Machine for routing stair stringers. 2,745,449, 5-15-56, Cl. 144-136.
- Pearson, Olaf. Sliding door hanger for mounting on thin wire. 2,746,081, 5-22-56, Cl. 16-105.
- Pearson, Otto. Reciprocating grill type barn cleaner. 2,737,925, 3-13-56, Cl. 119-16.
- Pearson, Paul W., to V. G. Ellen. Chain guide structure. 2,743,809, 5-1-56, Cl. 198-177.
- Pearson, Raymond E.: *See*—  
Finley, Donald W., and Pearson, 2,751,990.
- Pearson, Roy W., and H. H. Hansen, to The Taylor-Winfield Corp. Hot upsetting machine. 2,768,282, 10-23-56, Cl. 219-151.
- Pearson, William S., to C. C. Corp. Means for handling freshly galvanized pipe during internal swabbing. 2,753,837, 7-10-56, Cl. 118-60.
- Pearson, William S., to C. C. Corp. Method and apparatus for recovering zinc spatter. 2,758,944, 8-14-56, Cl. 117-102.
- Pease, C. F., Co., The: *See*—  
Taini, John, 2,733,644.
- Pease, Donald C., and M. J. Roedel, to E. I. du Pont de Nemours and Co. Ethylene polymerization. 2,762,791, 9-11-56, Cl. 260-94.9.
- Pease, F. B., Co., Inc.: *See*—  
Ganze, Ronald A. 2,750,976.
- Pease, George R., and T. E. Kihlgren, to The International Nickel Co., Inc. Coated nickel welding electrode. 2,744,038, 5-1-56, Cl. 117-206.
- Pease, George R., and T. E. Kihlgren, to The International Nickel Co., Inc. Metal arc welding of 90-10 type copper-nickel material. 2,745,771, 5-15-56, Cl. 117-205.
- Pease, George R., and T. E. Kihlgren, to The International Nickel Co., Inc. Inert-gas shielded-arc welding of 90-10 type copper-nickel material. 2,772,963, 12-4-56, Cl. 75-159.
- Pease, Isaac M., to Surgical Appliance Industries, Inc. Back brace. 2,730,996, 1-10-56, Cl. 128-78.
- Pease, Marshall C.: *See*—  
Martin, Stuart T., and Pease, 2,733,289.
- Pease, Marshall C., III, and J. P. Jasionis, to Sylvania Electric Products, Inc. Processing plated parts. 2,748,067, 5-29-56, Cl. 204-37.
- Pease, William A., to Surgical Appliance Industries, Inc. Abdominal support. 2,749,550, 6-12-56, Cl. 2-41.
- Pease, William C., III: *See*—  
Van Doorn, Donald W., and Pease, 2,761,178.
- Pease, William C., III, to Lamson Cotton Gin Co. Automatic bale density mechanism for fiber presses and the like. 2,764,932, 10-2-56, Cl. 100-50.
- Peavey, Anna A.: *See*—  
Peavey, Joseph L., 2,744,783.
- Peavey, Joseph L., deceased: A. A. Peavey, executor. Twin control glare shields. 2,744,783, 5-8-56, Cl. 296-97.
- Peay, Robert L., Jr. Automatic floating disaster marker. 2,738,524, 3-20-56, Cl. 9-9.
- Peasor, Fabrikation von Zielfernrohren und Feldstechern Paul Kohler & Co.: *See*—  
Kohler, Paul, 2,745,182.
- Pechin, Rene G., Jr. Condenser aprons for carding machines. 2,748,428, 6-5-56, Cl. 19-153.
- Pechiney Compagnie de Produits Chimiques et Electrometallurgiques: *See*—  
Boccon-Gibod, Raymond, and Chevigny, 2,755,925.  
Lorenstein, Hersch, and Belon, 2,745,736.  
Parrie, Jos., 2,745,799.  
Richaud, Henri, 2,746,136.
- Pechukas, Alphonse, to Columbia-Southern Chemical Corp. Compounded rubber stock. 2,764,572, 9-25-56, Cl. 260-41.5.
- Pechukas, Alphonse, to Columbia-Southern Chemical Corp. Method of making chlorine dioxide. 2,765,214, 10-2-56, Cl. 23-152.
- Pechukas, Alphonse, and G. A. Carlson, to Columbia-Southern Chemical Corp. Method of making chlorine dioxide. 2,765,215, 10-2-56, Cl. 23-152.
- Pechy, William: *See*—  
Jacobs, Samuel S., and Pechy, 2,755,980.



- Pechy, William, to American Can Co. Collar band detecting machine with detector locking feature. 2,729,329, 1-3-56, Cl. 209—89.
- Pechy, William, to American Can Co. Article feeding and turning mechanism. 2,732,925, 1-31-56, Cl. 198—83.
- Pechy, William, to American Can Co. Seaming chuck for reclosure containers with stripping means. 2,739,556, Cl. 23—25.
- Pechy, William, to American Can Co. Seaming head. 2,748,733, 6-5-56, Cl. 113—19.
- Pechy, William, to American Can Co. Can and cover feeding mechanism. 2,750,913, 6-19-56, Cl. 113—114.
- Pechy, William, to American Can Co. Container closing head with expanding wings. 2,752,744, 7-3-56, Cl. 53—330.
- Pechy, William, to American Can Co. Mechanism for crimping skirt portion of closure element under ledge of container. 2,752,745, 7-3-56, Cl. 53—377.
- Pechy, William, to American Can Co. Can transfer valve with 2732932, 8-7-56, Cl. 252—152.
- Peck, Allen S.: See—
- Peck, Joseph A. 2,737,118.
- Peck, Cecil C., to Cecil C. Peck Co. Precision trackway and carriage. 2,761,395, 9-4-56, Cl. 104—246.
- Peck, Cecil C., Co.: See—
- Peck, Cecil C. 2,761,395.
- Peck, David B.: See—
- Robinson, Preston, and Peck. 2,738,453.
- Robinson, Preston, and Peck. 2,749,490.
- Peck, David B., to Sprague Electric Co. Feed-through capacitors. 2,756,375, 7-24-56, Cl. 317—242.
- Peck, David B., and P. Robinson, to Sprague Electric Co. Electrical condensers. 2,735,970, 2-21-56, Cl. 317—258.
- Peck, David B., and P. Robinson, to Sprague Electric Co. Process of bonding a metal film to a thermoplastic sheet and resulting product. 2,740,732, 4-3-56, Cl. 117—227.
- Peck, David B., and P. Robinson, to Sprague Electric Co. Electrical condensers. 2,764,718, 9-25-56, Cl. 317—258.
- Peck, Effie M. Combined vehicle window glass and screen. 2,743,772, 5-1-56, Cl. 160—103.
- Peck, Gordon V., to P. R. Mallory & Co., Inc. Electrolytic capacitor device. 2,758,259, 8-7-56, Cl. 317—230.
- Peck, Guy C., and W. G. Milligan. Fishing bobber. 2,734,303, 2-14-56, Cl. 43—43.11.
- Peck, Helen M.: See—
- Peck, Robert L. 2,772,280.
- Peck, Henry E. Apparatus for drying fabrics. 2,773,312, 1-34-56, Cl. 34—34.1.
- Peck, Joseph A. deceased, by A. S. Peck, executor, to the United States of America as represented by the Secretary of the Army. Centrifugally armed fuse. 2,737,118, 3-6-56, Cl. 102—79.
- Peck, Richard C. High-frequency vacuum tube circuit. 2,735,941, 2-21-56, Cl. 250—36.
- Peck, Robert L. deceased, by H. M. Peck, administratrix, to Merck & Co., Inc. Synthesis of 4-amino-3-isoxazolidone and its derivatives. 2,772,280, 11-27-56, Cl. 260—307.
- Peck, Samuel M., to Rystan Co. Therapeutic compositions comprising water-soluble chaperophyll and salts of fatty acids. 2,729,586, 1-3-56, Cl. 387—65.
- Peck, Theodore H.: See—
- Carlsen, Leonard O., and Peck. 2,762,220.
- Peckett, Samuel C. Apparatus for and method of forming a true surface article. 2,771,713, 11-27-56, Cl. 51—43.
- Peckham, Roy E., and E. F. Elms, to R. L. Brown. Bendable sheet metal wedging fastener. 2,748,645, 6-5-56, Cl. 85—6.
- Peck's Products Co.: See—
- Peck, Al G. 2,758,092.
- Pecora, Ralph J., Jr., S. W. Rein, and F. W. Fleming, to The Texas Co. Fuel injection nozzle for internal combustion engine. 2,753,217, 7-3-56, Cl. 299—107.6.
- Peczynski, Stanley N. Internal grip collet. 2,750,196, 6-12-56, Cl. 279—2.
- Peden, Douglas T., to Micromatic Hone Corp. Honing machine. 2,747,336, 5-29-56, Cl. 51—34.
- Peden, Douglas T., to Micromatic Hone Corp. Feed, centering and clamping fixture for size gauging honing machine. 2,752,733, 7-3-56, Cl. 51—98.
- Pedersen, Axel V. Joist hanger. 2,751,644, 6-26-56, Cl. 20—94.
- Pedersen, Charles J., to E. I. du Pont de Nemours and Co. Method for changing the physical state of metal-free phthalocyanine pigments and use of solution of same for dyeing. 2,741,531, 4-10-56, Cl. 8—7.
- Pedersen, Charles J., to E. I. du Pont de Nemours and Co. Method for dissolving metal-free phthalocyanine pigments and use of solution for dyeing. 2,741,534, 4-10-56, Cl. 8—54.2.
- Pedersen, Charles J., to E. I. du Pont de Nemours and Co. Tertiary alkyl derivatives of N,N-diethyl-1,4-benzoquinone diimine. 2,741,625, 4-10-56, Cl. 260—396.
- Pedersen, Charles J., to E. I. du Pont de Nemours and Co. N,N substituted ethyl and propylene diamine antioxidants. 2,768,208, 10-23-56, Cl. 260—570.5.
- Pedersen, Charles W. Forming dies. 2,746,510, 5-22-56, Cl. 153—48.
- Pedersen, Harry C. and J. J. said H. C. Pedersen guardian of said J. J. Pedersen, minor, to H. L. Cox, R. A. Chabot, and/or Berkeley Machine Products. Torque wrench. 2,765,890, 10-9-56, Cl. 192—56.
- Pedersen, James J.: See—
- Pedersen, Harry C. and J. J. 2,765,890.
- Pedersen, Lars C. Construction of truck-driven railway cars. 2,751,854, 6-26-56, Cl. 105—159.
- Pedersen, Roy D. Multiple tool supporting head. 2,765,013, 10-2-56, Cl. 145—62.
- Pederson, Gerhard M. Jr.: See—
- Johnson, Clarence B., Jr., and Pederson. 2,736,926.
- Pederson, Raymond L., and A. C. Ott, to The Upjohn Co. Steroid compounds. 2,752,367, 6-26-56, Cl. 260—397.2.
- Pedlow, George W.: See—
- Wilson, Joseph M., Pedlow, and Wynn. 2,767,218.
- Pedlow, John W., to American Viscose Corp. Separator for running yarn and liquid. 2,739,712, 3-27-56, Cl. 210—149.
- Pedlow, John W., to American Viscose Corp. Spinning regenerated cellulose filaments. 2,775,505, 12-25-56, Cl. 18—54.
- Pedlow, John W., and L. B. Candiff, to American Viscose Corp. Plastic pipe joint. 2,739,829, 3-27-56, Cl. 285—115.
- Pedone, Victor V.: See—
- Meador, Howard W., and Pedone. 2,742,171.
- Pedrero, Edelmiria. Pivoted clamp. 2,775,013, 12-25-56, Cl. 24—248.
- Pedrick, Irene P. Tank washing apparatus. 2,773,721, 12-11-56, Cl. 299—62.
- Peebles, Benjamin W.: See—
- McKnight, Stewart, and Peebles. 2,760,528.
- Peebles, David D., and P. D. Clary, Jr., to Western Condensing Co. Separation of crystallized lactose from whey solids. 2,768,912, 10-20-56, Cl. 127—31.
- Peebles, Joseph B., to Robinson Brick & Tile Co. Method for manufacture of tile. 2,763,049, 9-18-56, Cl. 25—156.
- Peed, Garland P., Jr., to North American Aviation, Inc. Control lock mechanism. 2,738,149, 3-13-56, Cl. 244—85.
- Peel, Henry L., to Allis-Chalmers Mfg. Co. Circuit breaker with fluid motor having fluid admission varied during stroke. 2,736,295, 2-28-56, Cl. 121—38.
- Peel, Henry L., to Allis-Chalmers Mfg. Co. Interrupting device employing a controller for regulating contact closing speeds. 2,753,424, 7-3-56, Cl. 200—150.
- Peel, Henry L., to Allis-Chalmers Mfg. Co. Pneumatically operated circuit breaker with closing valve cutoff switch. 2,773,484, 12-11-56, Cl. 121—38.
- Peel, Johannes J. A., to Hartford National Bank and Trust Co., as trustee. Receiver for two amplitude-modulated waves. 2,773,961, 9-8-56, Cl. 179—15.
- Peel-A-Boot, Inc.: See—
- Eade, Glen. 2,753,635.
- Peel, Wirt D. Fruit pitter having two cooperating endless fruit carriers and an endless plunger carrier. 2,748,818, 6-5-56, Cl. 146—17.
- Peeler, Robert M., Jr., and E. G. Foehr, to California Research Corp. Rust-inhibited silicate base oils. 2,751,350, 6-19-56, Cl. 252—33.4.
- Peele Co., The: See—
- Doeg, Paul R. 2,740,856.
- Peeples, Maurice E. Combined window sash and blind structure. 2,733,450, 2-7-56, Cl. 20—82.
- Peeples, Robert M., to Allis-Chalmers Mfg. Co. Control system for reel motor with variable armature current and field flux. 2,747,148, 5-22-56, Cl. 318—6.
- Peeps, Donald J., to The De Vilbiss Co. Spray gun air cap. 2,747,960, 5-1-56, Cl. 299—140.1.
- Peers Chain Co.: See—
- Worner, Peter. 2,737,994.
- Peerless Photo Product, Inc.: See—
- Collins, Carroll B. 2,774,289.
- Peerless Roll Leaf Co., Inc.: See—
- Grupe, William F. 2,751,701.
- Grupe, William F. 2,751,841.
- Peery, Elmer J.: See—
- Kleinhample, Alvin E., and Peery. 2,730,011.
- Peery, Luther C., G. A. Hickman, and A. E. Hirsch, to E. I. du Pont de Nemours & Co. Coal partial combustion with pure oxygen. 2,738,263, 1-12-56, Cl. 48—206.
- Peery, Norman E., to Shell Development Co. Continuous fluid-solid contacting apparatus. 2,730,239, 1-10-56, Cl. 210—42.5.
- Peery, Walter E., to Time, Inc. Character positioning mechanism. 2,769,339, 11-0-56, Cl. 95—4.5.
- Peery, Walter E., to Time, Inc. Tape reading mechanism. 2,769,922, 11-6-56, Cl. 250—219.
- Peeso, James B.: See—
- Hook, Edwin O., and Peeso. 2,734,866.
- Peeso, James B., and E. O. Hook, to American Cyanamid Co. Stabilized lubricating compositions. 2,734,864, 2-14-56, Cl. 32—32.7.
- Peeso, James B., and E. O. Hook, to American Cyanamid Co. Stabilized lubricating compositions. 2,734,865, 2-14-56, Cl. 325—32.7.
- Peet, George B., to A. O. Smith Corp. Method of making draft gear housing. 2,739,376, 3-27-56, Cl. 29—54.2.
- Peet, Nick P., to Esso Research and Engineering Co. Cooling of finely divided solids to prevent afterburning in a regeneration lane. 2,730,508, 1-10-56, Cl. 252—417.
- Peet, Robert L., Jr.: See—
- Bach, John W., and Peet. 2,757,927.
- Peet, William H. Accumulator. 2,760,518, 8-28-56, Cl. 138—30.
- Peffer, Alrid B. Pan greasing apparatus. 2,747,539, 5-29-56, Cl. 118—2.
- Pégaré, Pierre, to The Société Ateliers G. S. P.-Guillemin-Sergot-Pégaré. Hydraulically and electrically controlled mechanical drive. 2,764,133, 9-25-56, Cl. 121—45.

- Pégar, Pierre, to Société Anonyme dite: Ateliers G. S. P.-Guillemin-Sergot-Pégar. Hydraulic control devices for intermittent displacements. 2,767,947, 10-25-56, Cl. 60-52.
- Pegram, William P. : *See*—  
Dailey, Edgar C., Warshaw, and Pegram. 2,743,554.
- Peguero, Lawrence O. Dust mop cleaning device. 2,764,776, 10-2-56, Cl. 15-310.
- Pegues, John H., Jr. : *See*—  
Martin, Charles A. 2,753,129.
- Pelerson, Manfred E., to Prime Mfg. Co. Preformed ribbing for insoles. 2,736,675, 2-28-56, Cl. 154-53.5.
- Pelerson, Manfred E., to Prime Mfg. Co. Machine for applying ribs to shoe soles. 2,745,404, 6-5-56, Cl. 12-20.
- Peifer, Albert G. : *See*—  
Bryant, John H., and Peifer. 2,753,484.
- Peller, Karl R., to Emhart Mfg. Co. Means for supporting and operating glass feeder vertically reciprocable implement. 2,749,865, 8-12-56, Cl. 49-55.
- Peirce, Charles P. : *See*—  
Steinbach, Emil C. 2,754,080.
- Pelrice, John E., to Allied Chemical & Dye Corp. Building wall structure. 2,742,776, 4-24-56, Cl. 72-16.
- Pelrice, Paul : *See*—  
Sutherland, William L. 2,741,440.
- Pelrice, Thomas H. Flexible seals for pedal openings. 2,753,008, 7-3-56, Cl. 180-90.63.
- Pelrice, Thomas H., and J. B. Robinson, to T. H. Pelrice, d. b. a. H. A. King Co. Vibration damper. 2,764,038, 9-25-56, Cl. 74-574.
- Peiss, Henry. Cabinet. 2,752,215, 6-26-56, Cl. 312-111.
- Pekarek, Edward G. : *See*—  
Honeyman, Robert N., and Pekarek. 2,753,858.
- Pekay Machine and Engineering Co., Inc. : *See*—  
Paris, Anthony. 2,731,138.
- Pel, Willem A. : *See*—  
Hackmann, Johannes T., and Pel. 2,774,706.
- Pelavin, Milton H., to Conitech, Ltd. Convertible alternating to direct current power supply and battery charging means for portable electrical equipment. 2,747,103, 5-22-56, Cl. 307-66.
- Pelbake Corp. : *See*—  
Johnson, Carl A., Murphy, and Selman. 2,737,129.
- Pelchat, Homer J. : *See*—  
Poirier, George H., and Pelchat. 2,737,075.
- Pelcin, Albert L., to The Eastern Malleable Iron Co. Solenoid-controlled door lock. 2,729,089, 1-3-56, Cl. 70-151.
- Pelcin, Albert L., to The Eastern Malleable Iron Co. Multiple-bolt flush door lock. 2,735,706, 2-21-56, Cl. 292-34.
- Pelenc, Yves, to Etablissements Merlin & Gerin, Societe Anonyme. Accumulator for mechanical energy. 2,745,513, 1-15-56, Cl. 183-37.
- Pelhat, Raymond. Compound internal-combustion engine. 2,731,000, 1-17-56, Cl. 123-11.
- Pelizzari, Charles A. : *See*—  
Love, Gordon W., and Pelizzari. 2,761,182.
- Pell, Eric, to Cutler-Hammer, Inc. Induction motor control by electric brake. Re. 24,168, 6-19-56, Cl. 318-302.
- Pell, Eric, to Cutler, Hammer Inc. Adjustable voltage drives for electric motor. 2,753,504, 7-3-56, Cl. 318-297.
- Pell, Eric, to Cutler-Hammer, Inc. Control system for electric motors. 2,765,989, 10-9-56, Cl. 242-75.
- Pellandini, Albert H. Pouring spouts. 2,764,325, 9-25-56, Cl. 222-570.
- Pellar, Marshall M. : *See*—  
Hawson, Emanuel, and Pellar. 2,775,224.
- Pellecchia, Louis. Corrector for synchro systems. 2,769,126, 10-30-56, Cl. 318-30.
- Pellegrino, Peter and S. W., to Photo Color Process Corp. Method of making tools and dies. 2,743,029, 5-1-56, Cl. 76-107.
- Pellegrino, S. William : *See*—  
Pellegrino, Peter and S. W. 2,743,629.
- Pellerano, Silvio A. : *See*—  
Hochberg, Jerome, and Pellerano. 2,773,855.
- Pellet, Leon L. Hip arthroplasty with flexible securing means. 2,765,787, 10-9-56, Cl. 128-92.
- Pelletier, Germain. Miniature boxing game. 2,760,306, 8-28-56, Cl. 46-142.
- Pelletier, Peter F., to Bates Mfg. Co. Device for reducing loom stops. 2,759,497, 8-21-56, Cl. 139-228.
- Pellet, Fred G. : *See*—  
Wheaton, Jack M., and Pellet. 2,733,565.
- Pellet, Fred G., to H. I. du Pont de Nemours and Co. Process for the preparation of substituted di(isocyanatophenyl) ureas. 2,757,184, 7-31-56, Cl. 260-453.
- Pellier, Christian V. : *See*—  
Lee, Marvin, and Pellier. 2,770,818.
- Pellinen, Leo O. : *See*—  
Harris, Robert L., Pellinen, and Lotthrop. 2,737,817.
- Peloinin, Francis H. Brush tuft fastener. 2,771,625, 11-27-56, Cl. 15-190.
- Pelouch, James J., to H. C. Schott. Vehicle hoist safety structure. 2,754,597, 2-14-56, Cl. 187-8.74.
- Pelouch, James J., to Farm Tools, Inc. Frame contact lift. 2,769,507, 11-6-56, Cl. 187-8.75.
- Pelouch, James J., to Farm Tools, Inc. Frame contact lift. 2,769,508, 11-6-56, Cl. 187-8.75.
- Pelowski, Felix L. Snapping rolls for corn pickers. 2,768,626, 10-30-56, Cl. 130-5.
- Pelsor, Gene T., and H. S. Sack, to the United States of America as represented by the United States Atomic Energy Commission. Computing device. 2,756,930, 7-31-56, Cl. 235-61.
- Pelton, Ralph L. Rock removing device for use with dual truck wheels. 2,738,986, 3-20-56, Cl. 280-158.
- Pelton Water Wheel Co., Inc. : *See*—  
Billings, David P., and Garrison. 2,729,942.
- Peltzer, Albert, Sr., to Dorr-Oliver Inc. Starch manufacturing process, including centrifugal removal of middlings. 2,760,889, 8-28-56, Cl. 127-68.
- Peltzer & Ehlers K. G. : *See*—  
Weigand, Heinz. 2,748,025.
- Pelz, Robert A., and D. Ellis, to Westinghouse Electric Corp. Contact arrangement for control relay. 2,773,948, 12-11-56, Cl. 200-16.
- Pelz, Samuel J., Jr. : *See*—  
Weisenbach, Charles O., Pelz, and Cigal. 2,749,844.
- Pelz, Samuel J., Jr., and F. J. Cigal, to Bendix Aviation Corp. Wear resistant bushing or liner for the plunger cylinder of valves or pumps handling water-contaminated fuel. 2,763,938, 2-7-56, Cl. 308-3.
- Pelzer, Harry L. : *See*—  
Van Nordstrand, Robert A., Pelzer, and Teter. 2,759,917.
- Pelzmann, Alired, to S. W. Kipnis, trustee for J. L., and E. Pelzmann. Artificial dentures and method of manufacture. 2,732,621, 1-31-56, Cl. 32-2.
- Pemco Wheel Co. : *See*—  
Black, John W., Jr. 2,744,800.
- Pemco Wheel Co., Jr. : *See*—  
Black, John W., Jr. 2,747,950.
- Pemco Wheel Co., Jr. : *See*—  
Black, John W., Jr. 2,747,950.
- Pemco Wheel Co., Jr. : *See*—  
Reade, Carleton W. 2,751,261.
- Pemetzrieder, Georg. Apparatus for casting with rotating crucible. 2,762,095, 9-11-56, Cl. 22-79.
- Penasack, Stephen L., to G. Lindsay. Tool-holding device. 2,749,334, 6-5-56, Cl. 279-16.
- Penberthy, Harvey L. Electrode assembly for glass furnaces. 2,736,759, 2-28-56, Cl. 13-17.
- Penberthy, Harvey L. Method and apparatus for glass production. 2,749,375, 6-5-56, Cl. 13-6.
- Pence, Frederick, to Norris-Thermador Corp. Pulley friction drive. 2,730,905, 1-17-56, Cl. 74-206.
- Pence, Frederick R., to Atlas Powder Co. Crystallization of mannitol from sorbitol. 2,768,980, 10-30-56, Cl. 272-637.
- Pence, Gerald M. : *See*—  
Blydenburgh, Harold L., and Pence. 2,739,340.
- Pender, Joseph D., ½ to John Eble. Fishing fly. 2,757,476, 8-7-56, Cl. 43-42.25.
- Pendergast, George M., & Co. : *See*—  
Ethier, Clyde R. 2,742,203.
- Pendleton, William G., to Pendleton's. Crib. 2,750,603, 6-19-56, Cl. 5-99.
- Pendleton, Louis B. Electrically-operated heat-generating devices. 2,762,896, 9-11-56, Cl. 219-19.
- Pendleton's, Inc. : *See*—  
Pendleton, William G. 2,750,603.
- Penewell, John. Hawaiian guitar volume control arm. 2,732,832, 5-22-56, Cl. 5-99.
- Penfold, Ronald R., to International Harvester Co. Grain drill feed tube. 2,762,528, 9-11-56, Cl. 222-132.
- Penick, Archie V. Butter melting attachment for waffle irons and like appliances. 2,769,387, 11-6-56, Cl. 99-339.
- Penick & Ford, Ltd. : *See*—  
Hermstadt, Erling T., and Kesler. 2,773,057.
- Penick, Joe E. : *See*—  
Evans, Louis P., and Penick. 2,741,582.
- Penick, Joe E., to Socony Oil Co., Inc. Process for the removal of fine powdery material from an adsorbent solid. 2,766,191, 10-9-56, Cl. 196-147.
- Penick, Joe E., to Socony Mobil Oil Co., Inc. Continuous percolation process. 2,771,407, 11-20-56, Cl. 196-147.
- Penick, Joe E., to Socony Mobil Oil Co., Inc. Method for washing adsorbents. 2,771,408, 11-20-56, Cl. 196-147.
- Penick, Joe E., to Socony Mobil Oil Co., Inc. Apparatus for contacting liquids with granular solid materials. 2,772,730, 12-4-56, Cl. 210-42.5.
- Penick, Joe E., and J. W. Blydenburgh, to Socony Mobil Oil Co., Inc. Apparatus for the introduction of granular solids into a closed vessel. 2,745,795, 5-15-56, Cl. 196-147.
- Penick, Joe E., and E. A. Bodkin, to Socony Mobil Oil Co., Inc. Method and apparatus for continuous percolation of liquid over granular solids. 2,749,290, 6-5-56, Cl. 196-147.
- Penick, Joe E., and E. A. Bodkin, to Socony Mobil Oil Co., Inc. Method and apparatus for continuous percolation of oils. 2,773,012, 12-4-56, Cl. 196-147.
- Penick, S. B., & Co., Inc. : *See*—  
Baron, Abraham L. 2,747,712.
- Penick, S. B., & Co., Inc. : *See*—  
Salkin, Ralph. 2,767,196.
- Starr, Donald F., and Di Santo. 2,752,360.
- Peninsula Tool Co. : *See*—  
Jones, Douglas E. 2,742,740.
- Peniston, Quintin P., to Food Chemical and Research Laboratories, Inc. Manufacture of 5-hydroxymethyl 2-furfural. 2,750,394, 6-12-56, Cl. 260-347.5.
- Pennington, Thomas E., to James Beresford & Son Ltd. Submersible electric motors. 2,742,597, 4-17-56, Cl. 318-221.
- Penman, Montgomery B., to The Magee Carpet Co. Skin winding reel. 2,756,938, 7-31-56, Cl. 242-53.
- Penn Controls, Inc. : *See*—  
Cobb, Clifton A. 2,731,080.
- Penn Controls, Inc. : *See*—  
Cobb, Clifton A. 2,746,471.
- Schell, Paul. 2,731,080.
- Schell, Paul. 2,743,768.
- Schell, Paul. 2,772,727.
- Schutmaat, Wayne H. 2,752,931.
- Stouder, Roy J. 2,752,930.



- Penn, Harold O. Firing point indicator for internal combustion engines. 2,774,033, 12-11-56, Cl. 324-16.
- Penn Wax Works, Inc. *See* Ferleger, George. 2,735,285.
- Penn, William B. *See* Davis, Fred, Penn, and Puffer. 2,743,515.
- Pennant Corp. *See* Weiner, Meyer C. 2,742,664.
- Werner, Meyer C. 2,775,889.
- Pennebaker, Lewis C. to Container Corp. of America. Folding cartons. 2,749,015, 6-5-56, Cl. 229-33.
- Pennell, Elmer V. *See* Creveling, Catherine B., and Pennell. Re. 24,128.
- Pennell, William C. *See* Barker, John L., and Pennell. 2,761,119.
- Pennella, Samuel. Packing for condenser tubes. 2,729,472, 1-3-56, Cl. 285-5.
- Pennetti, Pietro *See* Paoloni, Carlo, and Pennetti. 2,748,072.
- Penney, C. M. Co. *See* Lawson, George S. 2,745,214.
- Penney, James H. *See* Formhals, William H., Fockler, and Penney. 2,735,027.
- Penney, James H. to Westinghouse Electric Corp. Mechanical drive. 2,770,338, 11-13-56, Cl. 192-11.
- Penney, James H., H. C. Werner, and E. H. Anderson, to Westinghouse Electric Corp. Bearing construction. 2,747,947, 5-29-56, Cl. 308-187.1.
- Pennie, Donald F. *See* Leib, Robert L., and Pennie. 2,731,614.
- Penning, Nicholas J. Ozone generator. 2,744,865, 5-8-56, Cl. 204-319.
- Pennington, Dave M. *See* Michael, Marie W. 2,755,804.
- Pennington, Eltona. Liquid wax applicator. 2,765,485, 10-9-56, Cl. 15-131.
- Pennington, William A. to Superior Railway Products Corp. Loading ramp. 2,759,207, 8-21-56, Cl. 14-72.
- Pennington, William O. Side bar lock decoder. 2,733,514, 2-5-56, Cl. 33-174.
- Pennock, Anthony P. *See* La Barre, Floyd, Jr., Churnell, Nagle, and Pennock. 2,749,623.
- Pennock, Milton F. Air cooled tire. 2,745,459, 5-15-56, Cl. 152-153.
- Pennock, Milton F. to Westinghouse Electric Corp. Approach light system. 2,734,180, 2-7-56, Cl. 340-26.
- Pennow, Willis A., to Westinghouse Electric Corp. Lamp supporting apparatus. 2,757,277, 7-31-56, Cl. 240-41.
- Pennow, Willis A., to Westinghouse Electric Corp. Luminaire. 2,773,171, 12-4-56, Cl. 240-1.2.
- Pennow, Willis A., to Westinghouse Electric Corp. Lighting unit. 2,773,172, 12-4-56, Cl. 240-1.2.
- Pennsylvania Flexible Metallic Tubing Co. *See* Weber, John G. 2,729,382.
- Pennsylvania Pump & Compressor Co. *See* Stewart, Warren A. 2,765,976.
- Pennsylvania Railroad Co. *See* Matteo, Joseph F. 2,732,169.
- Pennsylvania Range Boiler Co. *See* Douglas, Peyton W. 2,751,688.
- Pennsylvania Salt Mfg. Co. *See* Bahner, Carl T. 2,734,334.
- Gall, John F., and Miller. 2,739,114.
- Gall, John F., and Miller. 2,739,115.
- Goshorn, Roland H., and Levis. 2,766,223.
- Inman, Charles E. 2,746,974.
- Jaul, Ernest, and Levis. 2,767,212.
- Karr, Errol H. 2,772,222.
- La Lande, William A., Jr. 2,760,854.
- La Lande, William A., Jr., and Mockrin. 2,750,279.
- Levis, William W., Jr. 2,773,882.
- Lowdermilk, Ford R., and Bruce. 2,770,658.
- Mitchell, William F., and Grant-MacKay. 2,753,245.
- Miville, Maurice E. 2,766,293.
- Newcomer, Jack S. 2,731,381.
- Newcomer, Jack S. 2,749,268.
- Orozco, Gilbert H. 2,753,304.
- Spring, Samuel, and Blum. 2,760,931.
- Whitbeck, Roland A. 2,753,365.
- Zakheim, Murray. 2,772,199.
- Zakheim, Murray. 2,772,200.
- Pennybacker, Miles, and C. A. Simpson; said Simpson assor. to said Pennybacker. Machine for applying terminals to glass tubes. 2,763,998, 9-18-56, Cl. 49-2.
- Perdu, Creo L., and G. A. Power unit. 2,750,931, 6-19-56, Cl. 121-120.
- Penrod, Gertrude A. *See* Penrod, Creo L., and G. A. 2,750,931.
- Pensabene, Nicolò. Electric induction motor-pump. 2,730,953, 1-17-56, Cl. 193-87.
- Pensak, Louis, to Radio Corp. of America. Color television image reproducing systems. 2,754,357, 7-10-56, Cl. 178-5.4.
- Penta, Albert P. Method of making a sling. 2,753,751, 7-10-56, Cl. 87-8.
- Pentalone, Vincent R., to Federal Paper Board Co., Inc. Radio tube cartons. 2,732,996, 1-31-56, Cl. 229-39.
- Pentecost, George E. Body transfer hoist. 2,739,783, 3-27-56, Cl. 254-8.
- Pentland, Mary, and E. B. Banner, to Reeve & Mitchell Mfg. Co., Inc. Silver flatware case. 2,729,258, 1-3-56, Cl. 150-52.
- Pentler, Charles F., and F. Murayama. Application of hormones to the production of edible bean sprouts. 2,736,043, 2-28-56, Cl. 71-2-1.
- Peo, Howard J. Flea repelling animal collar. 2,734,483, 2-14-56, Cl. 119-160.
- People in the Territory of the United States, dedicated to the use of the: *See* Ringel, Samuel J., and Feinstein. 2,768,927.
- Speakes, Charles C., and Griffin. 2,747,234.
- Sullivan, William N., and Babers. 2,750,252.
- Peoples, John F., to the United States of America as represented by the Secretary of the Navy. Variable delay line. 2,758,254, 8-7-56, Cl. 333-31.
- Peoples National Bank of Washington: *See* Pritchard, Wilmot T. 2,738,813.
- Peoples Research and Mfg. Co. *See* Collins, Howard W. 2,744,045.
- Peoples, Virgil H., to O. M. Scott and Sons Co. Spreader control. 2,741,859, 7-31-56, Cl. 222-177.
- Peper, Henry M. Masonry block mortar strip gauging device. 2,750,790, 6-19-56, Cl. 72-120.
- Peper, Jan *See* De Gier, Johannes, and Peper. 2,730,643.
- De Gier, Johannes, and Peper. 2,738,942.
- Peper, Jan, to Hartford National Bank and Trust Co., trustee. Cathode-ray tube. 2,751,515, 6-19-56, Cl. 313-92.
- Peplin, Stephen C. *See* Parker, Frank H. 2,753,891.
- Peplin, Stephen C. to Lakewood Mfg. Co. Portable stove. 2,734,545, 12-18-56, Cl. 126-25.
- Peppard, Edwin F. Boat and paddle wheel steering system. 2,741,210, 4-10-56, Cl. 115-50.
- Peppel, William J., and R. S. Schiefelbein, to Jefferson Chemical Co., Inc. Orthosilicate esters. 2,752,381, 6-26-56, Cl. 260-48.8.
- Pepper, Guy J. Combined salt and pepper shaker. 2,743,040, 4-24-56, Cl. 222-142.4.
- Pepper, Robert K. Positive, self-locking clutch. 2,737,273, 3-6-56, Cl. 192-30.
- Pepper, Robert K. Positive clutch shaft coupling. 2,758,688, 8-14-56, Cl. 192-43.
- Pepsi-Cola Co. *See* Pickering, Lenox K. 2,756,961.
- Pe Queen, John D. Toolmaker's square. 2,745,183, 5-15-56, Cl. 33-15.
- Per Corp. *See* Hobson, Russell B., Jr. 2,774,727.
- Péras, Lucien, to Régie Nationale des Usines Renault. Suspension device for vehicles. 2,756,989, 7-31-56, Cl. 267-34.
- Péras, Lucien, to Régie Nationale des Usines Renault. Device for mounting transmission members or reduction gears on the chassis or body of motor vehicles. 2,758,662, 8-14-56, Cl. 180-70.
- Péras, Lucien, to Régie Nationale des Usines Renault. Internal combustion engines. 2,771,867, 11-27-56, Cl. 123-112.
- Péras, Lucien, to Régie Nationale des Usines Renault. Adjustable control device with timing system. 2,775,129, 12-25-56, Cl. 74-125.5.
- Perchonok, Eugene. Temperature ratio measurement means. 2,740,295, 4-3-56, Cl. 73-357.
- Percival, Isabel C., and J. E. Tierney. Seal. 2,755,123, 7-17-56, Cl. 26-31.
- Percival, William S., E. L. C. White, and E. M. Leyton, to Electric & Musical Industries Ltd. Band-pass circuit arrangements. 2,754,482, 7-10-56, Cl. 333-73.
- Percival, Worth H. *See* Deza, Robert L., and Percival. 2,741,333.
- Perdue, Robert J., to De Havilland Propellers Ltd. Mounting structure for windmill propeller. 2,767,798, 10-23-56, Cl. 170-62.
- Perella, Humberto, to F. E. Wolcott. Pressure applicator. 2,747,770, 5-29-56, Cl. 222-80.5.
- Perelman, Isaac. Headpiece. 2,753,566, 7-10-56, Cl. 2-171.5.
- Peretti, Leonard G. Soap bubble pipe. 2,739,413, 3-27-56, Cl. 46-7.
- Peretti, Leonard G., and J. J. Rath. Power tools. 2,735,908, 2-21-56, Cl. 200-61.92.
- Peretz, Richard, to Societe Anonyme "Electromecanique." Measuring and/or control installation for electric welding. 2,752,467, 6-26-56, Cl. 219-4.
- Perex Mfg. Co., Inc. *See* Gersbach, Herbert A., and Bacon. 2,742,966.
- Perex, Carlos P. Electric bell, buzzer or similar device. 2,757,365, 7-31-56, Cl. 340-393.
- Perez, Jose B. Portable electric cigarette lighter. 2,729,736, 1-3-56, Cl. 219-32.
- Perez, Willy M. Foot exerciser. 2,760,774, 8-28-56, Cl. 272-57.
- Perfect Circle Corp. *See* Brenneke, Arthur M. 2,737,429.
- Brenneke, Arthur M. 2,746,820.
- Brenneke, Arthur M. 2,766,086.
- Hill, Robert H. 2,736,825.
- Hill, Robert H. 2,737,119.
- Hill, Robert H. 2,739,650.
- Hill, Robert H. 2,749,992.
- Hill, Robert H. 2,752,861.
- Shirk, John F. 2,760,835.
- Small, William E. 2,742,279.

- Perfecting Service Co.: *See*—  
Shaw, Harmon L., and Frost. 2,760,133.  
Shaw, Harmon L., and Frost. 2,772,897.
- Perfogit Società per Azioni: *See*—  
Luzzatto, Ettore. 2,771,634.  
Münch, Werner. 2,771,635.  
Münch, Werner, Notarbartolo, and Spano. 2,772,302.  
Notarbartolo, Luigi, and Münch. 2,771,903.
- Perforating Guns Atlas Corp.: *See*—  
Castel, Jacques H., and Scherbatsky. 2,740,052.  
Castel, Jacques H., and Waters. 2,768,684.  
Scherbatsky, Serge A. 2,740,051.  
Scherbatsky, Serge A. 2,740,053.  
Scherbatsky, Serge A. 2,758,217.  
Scherbatsky, Serge A. 2,772,868.
- Pergumans, Sidney W., and L. F. Cowan, to International  
Cable Electric Corp. Humidifying process in electric  
cable insulation making. 2,770,565, 11-13-56, Cl. 154-2.24.  
Perham, James A., to Thor Power Tool Co. Multi-spindle  
portable power-operated tool. 2,742,797, 4-24-56, Cl.  
14-965.
- Perieres, René A., to La Societe Francaise dite Solumeta.  
Apparatus for the manufacture of red lead. 2,761,767,  
9-4-56, Cl. 23-262.
- Perilhon, Jean R., J. L. H. Jonker, and B. F. Juergens, to Hart-  
ford National Bank and Trust Co. as trustee. Cathode-ray  
tube. 2,736,837, 2-28-56, Cl. 315-21.
- Perilhon, Jean R., J. L. H. Jonker, and B. F. Juergens, to Hart-  
ford National Bank and Trust Co. as trustee. Color-televi-  
sion camera device. 2,736,890, 2-28-56, Cl. 340-369.
- Perilhon, Jean R., and J. L. H. Jonker, to Hartford National  
Bank and Trust Co. as trustee. Electron beam tube.  
2,748,313, 5-29-56, Cl. 315-25.
- Perilhon, Jean R., and J. L. H. Jonker, to Hartford National  
Bank and Trust Co. as trustees. Color-stripe pick-up tube.  
2,748,314, 12-18-56, Cl. 178-5.4.
- Perilhon, Pierre A., to Office National d'Etudes et de  
Recherches Aeronautiques. Signaling systems. 2,765,462,  
10-2-56, Cl. 343-106.
- Peritano, Peter: *See*—  
Palmeri, Joseph, and Peritano. 2,760,538.
- Perkin-Elmer Corp.: *The: See*—  
Baker, James G. 2,771,007.  
Scott, Larkin B., and Offner. 2,758,502.  
Watson, Emmett S., and Frey. 2,757,541.  
Woodhull, Elliot H. 2,767,321.  
Woodhull, Elliot H., Borden, and Montpas. 2,754,424.
- Perkins, Alfred J., to Perkins Pipe Linings, Inc. Pipe lining  
apparatus. 2,758,352, 8-14-56, Cl. 25-38.
- Perkins, B. F., & Son, Inc.: *See*—  
Stevens, Cyril J., and Butler. 2,753,591.
- Perkins, Cecil E. M. Automatic water attachment for fuel  
and heating oil burners. 2,736,370, 2-28-56, Cl. 158-74.
- Perkins, Charles M., to Fuller Mfg. Co. Automatic, speed  
responsive, transmission shifting apparatus. 2,737,059,  
3-6-56, Cl. 74-472.
- Perkins, Charles M., to Fuller Mfg. Co. Means limiting ener-  
gization of transmission shifting apparatus. 2,738,690,  
2-20-56, Cl. 74-473.
- Perkins, Charles M., and P. J. Visser, to Fuller Mfg. Co.  
Preselectable valve actuator. 2,763,290, 9-18-56, Cl.  
137-622.
- Perkins, Corles M.: *See*—  
Bennett, Alfred, and Perkins. 2,745,614.  
MacCallum, Alan M., Perkins, and Bennett. 2,775,712.
- Perkins, Corles M., to Bendix Aviation Corp. Servo system  
controlled by electrical signals. 2,729,772, 1-3-56, Cl.  
318-28.
- Perkins, Edward W., to Consolidated Electrodynamics Corp.  
Sampling device. 2,767,587, 10-23-56, Cl. 73-421.5.
- Perkins, George D.: *See*—  
Robinson, Charles F., Bell, Piccirillo, and Perkins.  
2,772,367.
- Perkins, George S., to National Equipment Corp. Pump con-  
struction. 2,764,322, 9-25-56, Cl. 222-255.
- Perkins, George S., to National Equipment Corp. Pump  
construction. 2,765,962, 10-9-56, Cl. 222-255.
- Perkins, George S., to National Equipment Corp. Pump con-  
struction for material depositing machine. 2,771,225,  
11-20-56, Cl. 222-255.
- Perkins, George T., and J. E. Colby, said Colby assor. to  
said Perkins. Electric thermometer. 2,753,714, 7-10-56,  
Cl. 73-362.
- Perkins, Harold E., Jr.: *See*—  
Hitchens, Aaron L., and Perkins. 2,759,419.
- Perkins, John L. Fish lure. 2,736,125, 2-28-56, Cl.  
43-42.34.
- Perkins, John L., to B. B. Chemical Co. Improved covers  
and cover materials for temporary protection of shoes.  
2,746,179, 5-22-56, Cl. 36-72.
- Perkins, Laurence M., to Allen-Bradley Co. Quick breaking  
electrical switch. 2,767,270, 10-16-56, Cl. 200-67.
- Perkins, Luther F. Oil gauge. 2,738,674, 3-20-56, Cl.  
73-313.
- Perkins, Milo. Treatment of live plants for shipping.  
2,739,422, 3-27-56, Cl. 47-58.
- Perkins, Myron A., Jr.: *See*—  
Newton, Charles G., Jr., and Perkins. 2,760,215.
- Perkins, Origen S., to Bucyrus-Erie Co. Hydraulic angling  
bulldozer. 2,766,536, 10-16-56, Cl. 37-144.
- Perkins Pipe Linings, Inc.: *See*—  
Perkins, Alfred J. 2,758,352.
- Perkins, Ralph E. Supporting frame for electric hand saws.  
2,765,820, 10-9-56, Cl. 143-6.
- Perkins, Roger T.: *See*—  
Seeton, Frederic E., Perkins, and Winslow. 2,760,282.
- Perkins, Roscoe. Measuring sifters. 2,740,524, 4-3-56, Cl.  
209-357.
- Perkins, Russell J. Combination lock. 2,737,800, 3-13-56,  
Cl. 70-312.
- Perkins, Theodore O.: *See*—  
Cassady, Walter G., and Perkins. 2,732,822.
- Perko, Frank J. Dumping-vehicle. 2,770,491, 11-13-56, Cl.  
298-10.
- Perkovich, Leo J. Driver's alarm. 2,747,038, 5-22-56, Cl.  
200-52.
- Perky, Scott H. Shredded dental apparatus. 2,736,275,  
2-28-56, Cl. 107-2.
- Perl, Helen. Great cover. 2,738,510, 3-20-56, Cl. 2-42.
- Perl, Richard L., to The Tappan Stove Co. Automatic ignition  
unit for gas burners. 2,750,662, 1-10-56, Cl. 317-83.
- Perla, Martin R., and E. L. Koenig, to The Singer Mfg. Co.  
Zigzag sewing machines. 2,756,703, 7-31-56, Cl. 112-158.
- Perlin, Fred, to Brown & Bigelow. Thermometers. 2,742,787,  
4-24-56, Cl. 73-367.
- Perlin, Fred, to The Parker Pen Co. Lighters. 2,746,277,  
5-22-56, Cl. 67-71.
- Perlin, Fred, to The Parker Pen Co. Lighters. 2,750,774,  
6-18-56, Cl. 67-71.
- Perlin, Fred, to The Parker Pen Co. Stereoscopic viewer.  
2,759,505, 8-14-56, Cl. 88-31.
- Perlin, Fred, to The Parker Pen Co. Smokers' lighters.  
2,769,326, 11-6-56, Cl. 67-71.
- Perlman, Samuel. Portfolio. 2,752,975, 7-3-56, Cl. 150-1.6.
- Perlis, David B., to Western Precipitation Corp. Means for  
stabilizing a moving body. 2,738,856, 3-20-56, Cl. 183-61.
- Perlman, David: *See*—  
Friel, Josef, Thoma, Perlman, and Gerke. 2,753,290.
- Perlman, David, and M. Matkovich, to B. Clayton, A. B. A.  
Refining, Unincorporated. Recovery of water soluble  
inositol compounds and sterol glycosides. 2,746,957,  
6-22-56, Cl. 260-210.5.
- Perlman, David R., Donovick, and A. F. Langlykke, to Olin  
Mathieson Chemical Corp. Use of cobalt-containing yeasts  
in production of cobalamines. 2,760,903, 8-28-56, Cl.  
195-80.
- Perman, Milton. Humidifiers having sloping wall adjust-  
ment. 2,749,933, 6-12-56, Cl. 137-408.
- Permacel Paper Co.: *See*—  
Bemmels, Cyrus W. 2,750,314.  
Bemmels, Cyrus W. 2,750,316.  
Tierney, Hubert J. 2,750,030.
- Permyer, Hubert J.: *See*—  
Weidner, Charles L., and Dunlap. 2,745,744.
- Permafuse Corp.: *The: See*—  
Tilden, Sydney G. 2,754,798.
- Pernann, Karl, to Shell Development Co. Radiant tubular  
heating and method of heating. 2,751,893, 6-26-56, Cl.  
122-275.
- Perma-Power Co.: *See*—  
Ackerman, Norman A. 2,757,316.
- Permo, Inc.: *See*—  
Andres, Lloyd J. 2,730,572.  
Andres, Lloyd J. 2,740,296.  
Andres, Lloyd J. 2,763,748.  
Andres, Lloyd J. 2,771,295.
- Permutit Co. Ltd.: *The: See*—  
Akeroyd, Ewart I. 2,754,261.  
Blight, Frank C. 2,774,732.  
Hedrich, Otto H., and O'Connor. 2,741,327.  
Pick, Eric. 2,743,016.
- Townend, Frank S. 2,731,413.
- Williams, Thomas H., and Solt. 2,758,968.
- Pernick, David, and F. L. Aibel. Switch for knitting machine  
stop mechanism. 2,752,767, 7-3-56, Cl. 66-163.
- Pernollet, Jean G., and Y. A. Boyer. Change speed devices.  
2,764,029, 9-25-56, Cl. 7-193.
- Peronti, Anthony, 1/2 to P. J. Mesi. Electrical connector  
having conductor sheath penetrating means. 2,769,153,  
10-30-56, Cl. 339-99.
- Perrault, Alvin C., and C. V. Harvey. Safety lock for electric  
plugs. 2,743,442, 4-24-56, Cl. 339-90.
- Perrault, Raymond O.: *See*—  
Spisak, Andrew A., and Perrault. 2,760,237.
- Perrault, Emile V., to Davol Rubber Co. Nursing nipple.  
2,737,180, 9-6-56, Cl. 128-252.
- Perrault, Emile V., to Davol Rubber Co. Nurse and feeding  
nipple therefor. 2,738,088, 3-13-56, Cl. 215-11.
- Perrelli, John: *See*—  
Perrelli, Joseph and J. 2,745,453.
- Perrelli, Joseph, to Filper Corp. Drupe pitter. 2,775,279,  
12-25-56, Cl. 146-28.
- Perrelli, Joseph and J. Freestone pitter. 2,745,453, 5-15-56,  
Cl. 146-28.
- Perri, Giovanni: *See*—  
Marullo, Gerlando, and Perri. 2,766,884.  
Marullo, Gerlando, and Perri. 2,766,885.
- Perri, Joseph M., and B. Sloviter, to National Foam System,  
Inc. Fire extinguishing foam-forming composition.  
2,748,078, 5-29-56, Cl. 252-8.05.
- Perri, Joseph M., and D. Y. Dollman, to National Foam Sys-  
tem, Inc. Foam-forming compositions. 2,758,969, 8-14-56,  
Cl. 252-8.
- Perri, Myron S. Supply of pressure-sensitive reinforcements  
for paper and the like. 2,764,501, 9-23-56, Cl. 117-25.
- Perrin, James B., to The De Villbiss Co. Lubricating system.  
2,729,307, 1-3-56, Cl. 184-11.



- Perrin, Rene, to Societe d'Electro-Chimie d'Electro-Metallurgie et des Acleries Electriques d'Ugine. Process for recovering manganese from basic open-hearth slags. 2,732,293, 1-24-56, Cl. 75-24.
- Perrin, Rene, to Societe d'Electro-Chimie d'Electro-Metallurgie et des Acleries Electriques d'Ugine. Process for extracting nickel from low grade ores. 2,750,285, 6-12-56, Cl. 75-133.
- Perrin, Rene, to Societe d'Electro-Chimie d'Electro-Metallurgie et des Acleries Electriques d'Ugine. Production of iron-nickel alloys from low grade ores. 2,750,286, 6-12-56, Cl. 75-133.
- Perrin, René, to Societe d'Electro-Chimie d'Electro-Metallurgie et des Acleries Electriques d'Ugine. Process for desilicizing and desulphurizing pig iron. 2,767,077, 10-16-56, Cl. 75-52.
- Perrin, René, to Societe d'Electro-Chimie d'Electro-Metallurgie et des Acleries Electriques d'Ugine. Process for desilicizing and desulphurizing pig iron. 2,767,078, 10-16-56, Cl. 75-54.
- Perrin, René, to Societe d'Electro-Chimie d'Electro-Metallurgie et des Acleries Electriques d'Ugine. Process for desilicizing and desulphurizing pig iron. 2,767,079, 10-16-56, Cl. 75-54.
- Perrin, Rene, and J. Lamberton, to Societe d'Electro-Chimie d'Electro-Metallurgie et des Acleries Electriques d'Ugine. Process for rapidly desulfurizing steel. 2,750,280, 6-12-56, Cl. 75-55.
- Perry, Tom S., to Diamond Alkali Co. Method of obtaining a chromium-containing tanning substance. 2,766,098, 10-9-56, Cl. 8-94.27.
- Perrine, Robert O., to Cutler-Hammer, Inc. Electric switches and parts therefor. 2,739,199, 3-20-56, Cl. 200-67.
- Perrine, Robert O., and J. B. Welch, to Cutler-Hammer, Inc. Electric resistor units. 2,740,033, 3-27-56, Cl. 201-74.
- Perron, Robert R.: See—
- O'Gorman, Vincent, and Perron. 2,739,249.
- Perron, Robert R., and E. W. Stacey, deceased (by H. M. Stacey, executrix), to United Shoe Machinery Corp. Sole fitting machines. 2,765,482, 10-9-56, Cl. 85-1.
- Perry, Albert F., and O. B. Robinson, to Western Electric Co., Inc. Cutoff and forming machine for resistors. 2,737,211, 3-6-56, Cl. 140-71.
- Perry, Blanchard A., and A. A. Schramm, to Westinghouse Electric Corp. Method and apparatus for exhausting incandescent lamps. 2,749,002, 6-5-56, Cl. 226-20.1.
- Perry, Charles A., to The Rola Co., Inc. Loud-speaker. 2,770,681, 11-13-56, Cl. 179-115.5.
- Perry, Clayton J.: See—
- Davies, Thomas D., and Perry. 2,745,664.
- Perry, Donald B., to American Telephone and Telegraph Co. Teletypewriter inventory control system. 2,734,936, 2-14-56, Cl. 178-2.
- Perry, Edmond S., and D. S. Cox, to Eastman Kodak Co. Vacuum distillation apparatus. 2,749,292, 6-5-56, Cl. 202-205.
- Perry, Edward G., Jr., and R. W. Olson, to Texas Instruments Inc. Electrical recorder movements. 2,769,142, 10-30-56, Cl. 324-76.
- Perry, Elijah R., and N. W. Morelli, to Allis-Chalmers Mfg. Co. Circuit breaker with hydraulic motor controlled by main and pilot valves. 2,730,589, 1-10-56, Cl. 200-82.
- Perry, Elijah R., and N. W. Morelli, to Allis-Chalmers Mfg. Co. Circuit breaker with hydraulic motor controlled by a hydraulically biased valve. 2,765,878, 10-2-56, Cl. 200-82.
- Perry, John A. Helicopter rotor structure. 2,735,500, 2-21-56, Cl. 170-160.25.
- Perry Knitting Co., The: See—
- Heilbronner, Harry S. 2,746,054.
- Perry, Leslie L.: See—
- Raimond, William A., and Perry. 2,733,269.
- Perry, Manuel S. Hip, ridge and valley roofing shingle. 2,730,969, 1-17-56, Cl. 108-24.
- Perry, Milton: See—
- Hagemeyer, Hugh J., Jr., and Perry. 2,759,979.
- Perry, Paul E., to Allegheny Ludlum Steel Corp. Method of forming insulating coat on steel and composition therefor. 2,733,282, 7-3-56, Cl. 148-6.16.
- Perry, Reginald J., to The Morgan Crucible Co. Ltd. Commutator and other electric current collectors. 2,758,229, 8-7-56, Cl. 310-231.
- Perry, Richmond E., to United States Pipe and Foundry Co. Beneficiation of iron ores. 2,769,541, 11-6-56, Cl. 209-166.
- Perry, Robert H., Jr.: See—
- Nicholson, Daniel E., and Perry. 2,775,628.
- Perry, Robert J.: See—
- Hodgson, Austin B., and Perry. 2,767,732.
- Perry, Roy R. Pipe organ improved Pitman windchests. 2,746,338, 5-22-56, Cl. 84-338.
- Perry, Stephen F., R. M. Bailly, and H. J. Zoeller, to Esso Research and Engineering Co. Manufacture of paraffin wax. 2,737,470, 3-6-56, Cl. 196-20.
- Perry, Stephen F., and H. J. Zoeller, to Esso Research and Engineering Co. Paraffin wax composition for paper coating and process of making same. 2,756,180, 7-24-56, Cl. 196-27.
- Perry, Thomas G. Signal for automatically warning the driver of a trailing vehicle that the speed of a leading vehicle is being retarded. 2,734,105, 2-7-56, Cl. 200-61.89.
- Perry, Thomas W., and L. P. Schubert, to Studebaker-Packard Corp. Stabilizer for tail gate doors mounted on laterally spaced hinges. 2,769,659, 11-6-56, Cl. 296-106.
- Perry, Winthrop L., to Abbott Worsted Mills, Inc. Slub catcher. 2,732,610, 1-31-56, Cl. 28-64.
- Persch, Walther, to Farbwerke Mainkur Aktiengesellschaft. Hypnotic drugs. 2,742,467, 4-17-56, Cl. 260-250.
- Perske, Walther, to Cassel Farbwerke Mainkur Aktiengesellschaft. Gentisic acid salts of aminoalkylphenothiazines. 2,752,345, 6-26-56, Cl. 260-243.
- Persico, Ralph W., and L. Cugini, to the United States of America as represented by the Secretary of the Army. Action front armored vest. 2,743,446, 5-1-56, Cl. 2-2.5.
- Persinger, Merle L., and D. P. Poma, to the United States of America as represented by the Secretary of the Army. Quick-applying cape and hood. 2,745,104, 5-15-56, Cl. 2-88.
- Persinger, Dick L.: See—
- Persinger, Marie L., and D. L. 2,768,042.
- Persinger, Merle L., and D. L., to Big Boy Mfg. Co. Table attachment for barbecue equipment. 2,768,042, 10-23-56, Cl. 311-17.
- Person, Lars B.: See—
- Von Sivers, Carl H., Wadö, Wickman, and Person. 2,768,552.
- Person, Lars B., C. H. Von Sivers, K. R. Wadö, and K. R. Wickman, to Telefonaktiebolaget L M Ericsson. Device for amplification of both voice and signalling voltages. 2,749,394, 6-5-56, Cl. 179-171.
- Person, Oscar P. Prefabricated fireplace. 2,737,944, 3-13-56, Cl. 129-130.
- Personal Products Corp.: See—
- Brownlee, Robert N., and Griswold. 2,773,503.
- Greacen, Edmund, Jr. 2,755,497.
- Thompson, Laurence P. 2,756,647.
- Persons-Majestic Mfg. Co.: See—
- Persons, Robert C. 2,739,811.
- Persons, Robert C., to Persons-Majestic Mfg. Co. Rotational amusement apparatus. 2,739,811, 3-27-56, Cl. 272-33.
- Persons, Robert W. Drum-carried terminal wiper. 2,741,683, 4-10-56, Cl. 200-166.
- Persson, Eric S. Locking mechanism. 2,745,692, 5-15-56, Cl. 292-263.
- Persson, Ernest, and M. L. Beyer, to International Postal Supply Co. Dual belt mail conveying systems. 2,737,885, 3-13-56, Cl. 101-236.
- Persson, Janne O., and K. R. Palmqvist, to Aktiebolaget Berg & Blom. Device for automatic weapons. 2,762,267, 9-11-56, Cl. 89-135.
- Persson, John A., to Union Carbide and Carbon Corp. Tungsten back-up bar. 2,741,689, 4-10-56, Cl. 219-10.
- Persson, John A., and J. M. Ruzek, to Union Carbide and Carbon Corp. High-speed tandem are working. 2,756,311, 7-24-56, Cl. 219-10.
- Persson, Nels L. Coupling for squeeze bottles. 2,773,521, 12-11-56, Cl. 141-5.
- Persson, Oscar, to Aktiebolaget Rosenblads Patent. Method of making heat exchangers. 2,749,600, 6-12-56, Cl. 29-157.3.
- Persson, Per W. S.: See—
- Nilsson, Hans R., and Persson. 2,755,990.
- Persson, Walther P. S., and K. S. Sverningsson, to Svenska Rotor Maskiner Aktiebolag. Air preheater sealing. 2,765,150, 10-2-56, Cl. 257-6.
- Pesch, Dindorf, to Chatham Controls Corp. Thermostatic switch. 2,773,962, 12-11-56, Cl. 200-138.
- Pertics, Elias P., and E. E. Shiftable cultivator. 2,764,077, 9-25-56, Cl. 97-43.
- Pertics, Emil E.: See—
- Pertics, Elias P., and E. E. 2,764,077.
- Peru, Donald E.: See—
- Emery, Herbert F., and Peru. 2,735,334.
- Perugia, André, to Anper, Inc. Method of making shoes. 2,730,736, 1-17-56, Cl. 12-142.
- Pervier, Charles F.: See—
- Glossop, Claude P., and Pervier. 2,742,769.
- Perzentka, Thomas R., and S. C. Pletner, to Bell & Howell Co. Photographic copying and viewing apparatus. 2,773,418, 12-11-56, Cl. 88-24.
- Pesaturo, Arthur A. Umbrella standard device. 2,759,486, 8-21-56, Cl. 135-46.
- Pesch, Edward B.: See—
- Loria, Anthony, and Pesch. 2,772,161.
- Pesch, Herman: See—
- Wilcox, Isaac L., Cole, and Pesch. 2,744,367.
- Peschke, Carl H. Process of preparing a packaged sausage product. 2,766,125, 10-9-56, Cl. 99-174.
- Pesek, Charles J.: See—
- Pesek, Rudolph E., and C. J. 2,756,719.
- Pesek, Rudolph E., and C. J. Protecting device for armature shafts. 2,756,719, 7-31-56, Cl. 118-503.
- Pesman, Gerard J.: See—
- Pink, Isadore L., Black, Preston, and Pesman. 2,737,249.
- Pesonen, Bruno W. Storm sash closing mechanism. 2,755,520, 7-24-56, Cl. 20-55.
- Pessel, Leopold, to the United States of America as represented by the Secretary of the Navy. Underwater acoustic diaphragm. 2,733,774, 2-7-56, Cl. 161-32.
- Pessel, Leopold, to Radio Corp. of America. Method of removal of thermo-plastic resins from conductors and tinning thereof. 2,734,000, 2-7-56, Cl. 117-51.
- Pessel, Leopold, to Radio Corp. of America. Synthetic resin enamel stripping compositions. 2,737,463, 3-6-56, Cl. 134-38.
- Pessel, Leopold, to Radio Corp. of America. Method of soldering printed circuits. 2,740,193, 4-3-56, Cl. 29-487.

- Pestorini, Joseph M. Electric power system for motors. 2,741,731, 4-10-56, Cl. 318-150.
- Pestorini, Joseph M. Variable speed power system. 2,761,074, 8-28-56, Cl. 307-84.
- Pestorini, Joseph M. Excitation system and control therefor. 2,769,952, 11-6-56, Cl. 322-24.
- Pest Control Ltd.: See—
- Harley, Gilbert S. 2,759,300.
- Pestell, Raymond H., E. I. du Pont de Nemours and Co. Fabric wrap. 2,772,773, 12-4-56, Cl. 206-59.
- Pet Products, Inc.: See—
- Duffey, Thomas E. 2,762,158.
- Petau, Erik, to Aerojet-General Corp. Nozzle. 2,772,706, 12-4-56, Cl. 143-33.
- Petch, Charles L., to Petch Mfg. Co. Block splitting machine. 2,746,447, 5-22-56, Cl. 125-23.
- Petch Mfg. Co.: See—
- Doutt, Kingsley A. 2,751,886.
- Petch, Charles L. 2,746,447.
- Peter, Albin: See—
- Bücheler, Paul, and Peter. 2,733,976.
- Bücheler, Paul and Peter. 2,759,939.
- Bücheler, Paul and Peter. 2,759,940.
- Frey, Wolfgang, and Peter. 2,729,629.
- Günthard, Jacques, and Peter. 2,734,060.
- Peter, Albin, and E. Wydlar, to Sandoz A. G. Sulfonic acid amides of the anthraquinone series. 2,731,476, 1-17-56, Cl. 260-371.
- Peter, Albin, and E. Wydlar, to Sandoz A. G. Dyes of the anthraquinone series which are fast to milling and process for their preparation. 2,736,731, 2-28-56, Cl. 260-374.
- Peter, Bud J., to American Tansul Co. Laundry starch. 2,745,760, 5-15-56, Cl. 106-214.
- Peter, Bud J., to American Tansul Co. Cooked laundry starch. 2,745,761, 5-15-56, Cl. 106-214.
- Peter, Charles R., to Allis-Chalmers Mfg. Co. Switch with reversible contacts and reversible contact carrier. 2,756,291, 7-24-56, Cl. 100-16.
- Peter, Josef. Device for examining the condition of the stomach. 2,729,211, 1-3-56, Cl. 128-2.1.
- Peter, Oskar E.: See—
- Kreissig, Ernst, and Peter. 2,772,100.
- Peter, Oskar E. and E. Kreissig. Composite crankshaft. 2,747,428, 5-29-56, Cl. 74-598.
- Peter, Oskar E., and E. Kreissig. Clamping means. 2,755,093, 7-17-56, Cl. 79-9.
- Peter, Robert G., to Reed Roller Bit Co. Drill bit. 2,749,092, 6-5-56, Cl. 255-315.
- Peter, Robert G., to Reed Roller Bit Co. Drill bit. 2,749,093, 6-5-56, Cl. 255-350.
- Peter, Robert G., to Reed Roller Bit Co. Drill bit. 2,759,706, 8-21-56, Cl. 255-350.
- Peter, Rolf W., to Radio Corp. of America. Electron beam tubes. 2,758,243, 8-7-56, Cl. 315-3.5.
- Peter, Rolf W., to Radio Corp. of America. Semiconductor velocity modulation amplifier. 2,760,012, 8-21-56, Cl. 179-171.
- Peter, Rolf W., to Radio Corp. of America. Semiconductor velocity modulation amplifier. 2,760,013, 8-21-56, Cl. 179-171.
- Peter, Rolf W., to Radio Corp. of America. Noise compensation in electron beam devices. 2,767,259, 10-16-56, Cl. 179-171.
- Peter, Rudolph A. Record filing jacket. 2,771,076, 11-20-56, Cl. 129-16.7.
- Petering, Harold G., to The Upjohn Co. Isoalloxazines. 2,766,241, 10-9-56, Cl. 260-251.5.
- Peterka, Joseph J.: See—
- Borth, Paul F., Peterka, and Wilson. 2,740,323.
- Peterlik, Leopold, and E. Uher: said Peterlik assor, to said Uher. Starting arrangement. 2,769,099, 10-30-56, Cl. 290-31.
- Peterlik, Leopold, and E. Uher. Method and apparatus for starting internal combustion engines. 2,769,100, 10-30-56, Cl. 290-38.
- Peterman, Earl A.: See—
- Brown, Gordon H. 2,771,843.
- Peterman, Earl A. High pressure centrifugal pump. 2,775,207, 12-25-56, Cl. 103-109.
- Peterman, Max. Pre-set boring tool. 2,729,991, 1-10-56, Cl. 17-58.
- Peters, Alfons: See—
- Meijer, Roelf J., and Peters. 2,762,668.
- Peters, Anthony, to Baldwin-Lima-Hamilton Corp. Apparatus for drawing sheet metal blanks. 2,756,707, 7-31-56, Cl. 113-44.
- Peters, Arthur C., to Cinch Mfg. Corp. Socket mounting base for tube shield. 2,770,787, 11-13-56, Cl. 339-143.
- Peters, Arthur W., to Surface Combustion Corp. Liquid heater. 2,751,200, 6-19-56, Cl. 257-241.
- Peters, Arthur W., to Surface Combustion Corp. Pump system. 2,764,943, 10-2-56, Cl. 103-87.
- Peters, Bernard, to the United States of America as represented by the United States Atomic Energy Commission. Calutron receiver. 2,753,213, 8-7-56, Cl. 250-41.9.
- Peters, Byron M. Starting system for two-cycle gas engines. 2,742,380, 4-17-56, Cl. 128-182.
- Peters, Byron M. Foldable three-wheel power driven vehicle. 2,771,145, 11-20-56, Cl. 180-26.
- Peters, Carl L., to Radio Corp. of America. Connector for two wire transmission lines. 2,742,549, 4-17-56, Cl. 201-63.
- Peters, Charles H. Saw table rip fence with pusher element. 2,739,625, 3-27-56, Cl. 143-81.
- Peters, Clifford M.: See—
- Garrett, Henry U., and Peters. 2,759,488.
- Garrett, Henry U., Peters, and McMurtry. 2,761,465.
- Peters, Edward J. Vehicle unloading apparatus. 2,760,656, 8-28-56, Cl. 214-46.
- Peters, Edwin F., to Standard Oil Co. Ethylation process. 2,773,105, 12-4-56, Cl. 260-671.
- Peters, Ernest: See—
- Dorfman, Oscar W., and Peters. 2,740,105.
- Peters, Faith P.: See—
- Berg, Elaine. 2,750,770.
- Peters, John C., to E. J. Tilton, to The Raymond Bag Co. Mechanism for inserting a sleeve in a bag valve. 2,729,148, 1-3-56, Cl. 93-8.
- Peters, Harry W.: See—
- Mecklenburgh, George K., Peters, and Shaw. 2,734,001.
- Peters, John C. Shockproof socket. 2,747,048, 5-22-56, Cl. 200-51.09.
- Peters, John G.: See—
- Cantrell, Troy L., and Peters. 2,773,032.
- Smith, Herschel G., Cantrell, and Peters. 2,736,702.
- Smith, Herschel G., Cantrell, and Peters. 2,736,703.
- Smith, Herschel G., Cantrell, and Peters. 2,742,498.
- Peters, Leo. Soft plastic food package. 2,745,752, 5-15-56, Cl. 99-171.
- Peters, Leo. Soft plastic food package. 2,749,245, 6-5-56, Cl. 99-171.
- Peters, Leo. Packaging and dispensing of soft plastic foods. 2,750,294, 6-12-56, Cl. 99-171.
- Peters, Leo. Soft plastic food package. 2,752,251, 6-26-56, Cl. 99-171.
- Peters, Leo. Soft plastic food package. 2,770,547, 11-13-56, Cl. 99-171.
- Peters, Melville F. Moisture-proof joints. 2,741,349, 4-10-56, Cl. 190-25.
- Peters, Melville F. Method of and means for forming bellows. 2,761,206, 9-4-56, Cl. 29-454.
- Peters, Melville F. Metal bellows formation. 2,771,095, 11-20-56, Cl. 137-796.
- Peters, Philip H., Jr.: See—
- Wilbur, Donald A., and Peters. 2,747,031.
- Peters, Philip H., Jr., to the United States of America as represented by the Secretary of the Army. Traveling wave magnetron circuits. 2,733,341, 1-31-56, Cl. 250-36.
- Peters, Philip H., Jr., to General Electric Co. High frequency power amplifier. 2,748,203, 5-29-56, Cl. 179-171.
- Peters, Philip H., Jr., and D. A. Wilbur, to General Electric Co. Method of varying the output frequency of magnetron oscillators. 2,774,039, 12-11-56, Cl. 332-5.
- Peters, Pneu Renovat K.: See—
- Reifenberger, Hubert. 2,760,541.
- Peters, Richard F. Air vent hood. 2,743,659, 5-1-56, Cl. 98-42.
- Peters & Russell, Inc.: See—
- Russell, Linus E. 2,747,536.
- Russell, Linus E. 2,772,692.
- Peters, Samuel E., to The Dumore Co. Terminal. 2,772,404, 11-27-56, Cl. 339-256.
- Peters, Theodore J., to Esso Research and Engineering Co. Method and apparatus for alkylation of phenols. 2,739,172, 3-20-56, Cl. 260-624.
- Peters, Theodore J., Jr., to Esso Research and Engineering Co. Stabilized organic sulfur-containing compounds. 2,767,163, 10-16-56, Cl. 260-137.
- Peters, Thomas B. R. Closures and seals for cartons. 2,738,916, 3-20-56, Cl. 229-7.
- Peters, Virgil N., to M. Henninger. Insecticide vaporizer. 2,733,331, 1-31-56, Cl. 219-45.
- Peters, William F., to Syntrol Co. Annulus vibratory feeder. 2,737,289, 8-5-56, Cl. 198-220.
- Petersen, Andrew. Debris collector for engines. 2,754,969, 7-17-56, Cl. 210-57.
- Petersen, Christian, to Petersen Mfg. Co., Inc. Welding clamp. 2,731,932, 1-24-56, Cl. 113-99.
- Petersen, Clifford W., to McGraw Electric Co. Remote controlled electric switch. 2,751,460, 6-19-56, Cl. 200-92.
- Petersen, Clifford W., to McGraw Electric Co. Pole band fittings for the attachment of guy wires to wood poles. 2,754,944, 7-17-56, Cl. 189-31.5.
- Petersen, Edgar G., to Whirlpool-Seeger Corp. Washing machine agitator. 2,741,905, 4-17-56, Cl. 68-154.
- Petersen, Eric G.: See—
- Valtersson, Per V., and Eklund. 2,751,154.
- Petersen, Gerald A. M. Pilot bit. 2,773,673, 12-11-56, Cl. 255-61.
- Petersen, Henry T. Road surface disintegrator. 2,751,205, 6-19-56, Cl. 262-9.
- Petersen, John L.: See—
- Buschwald, Erwin R., and Petersen. 2,756,898.
- Petersen, John S., to Simmons Co. Sofa bed. 2,749,559, 6-12-56, Cl. 5-13.
- Petersen, Lewis F.: See—
- Russell, Carman R., and Davis. 2,732,438.
- Petersen, Louis, to F. L. Smith & Co. Rotary kiln with integral preheating or cooling means. 2,740,620, 4-3-56, Cl. 263-33.
- Petersen, Louis, to F. L. Smith & Co. Apparatus for flash heating of pulverulent material. 2,750,182, 6-12-56, Cl. 263-32.



- Petersen, Louis, to F. L. Smidht & Co. Method for burning of materials with heat recovery. 2,757,921, 8-7-56, Cl. 133-5.
- Petersen, Lowell W., to Swift & Co. Vapor collecting and fluid preheating system for evaporators. 2,744,570, 5-8-56, Cl. 159-46.
- Petersen, Lowell W., to Swift & Co. Apparatus for concentrating heat sensitive liquids. 2,762,429, 9-11-56, Cl. 159-46.
- Petersen, Lowell W., to Swift & Co. Submerged combustion evaporation. 2,773,545, 12-11-56, Cl. 159-16.
- Petersen Mfg. Co., Inc.: *See—*
- Petersen, Christian, to A. B. Zeissler, to General Electric Co. Binding of rotor end turns. 2,747,119, 5-22-56, Cl. 310-270.
- Petersen Oven Co., The: *See—*
- Heide, Henry A., 2,739,696.
- Kleboe, John C., Krueger, and Wittenberger. 2,759,594.
- Waltman, Clifford G., 2,759,692.
- Petersen, Robert P.: *See—*
- Roberts, Richard B., Petersen, and Holliday. 2,773,732.
- Petersen, Siegfried: *See—*
- Gold, Heinrich, and Petersen. 2,764,582.
- Gold, Heinrich, and Petersen. 2,764,583.
- Petersen, Svend A., to Celanese Corp. of America. Mandrel. 2,733,873, 2-7-56, Cl. 242-72.
- Petersen, Svend A., and H. Chow, to Celanese Corp. of America. Textile device. 2,733,874, 2-7-56, Cl. 242-72.
- Petersen, Thorvald K., to Reed Mfg. Co. Pipe cutter. 2,739,381, 3-27-56, Cl. 30-101.
- Petersen, Thorvald, to Reed Mfg. Co. Pipe cutter. 2,739,382, 3-27-56, Cl. 30-102.
- Petersen, Thorvald, to Reed Mfg. Co. Chip clearing screw cutting die. 2,757,392, 8-7-56, Cl. 10-111.
- Petersen, Thorvald K., to Douglas Aircraft Co., Inc. Cargo hoist mechanism. 2,734,645, 2-14-56, Cl. 214-77.
- Petersilie, Hans H., and E. O. Zimmermann, to F. R. Lushas. Hardened molded article and method of forming same. 2,770,026, 11-13-56, Cl. 28-74.
- Petersen, A. W., & Sons Die Co., Inc.: *See—*
- Petersen, Everett A., to Douglas Aircraft Co. 2,758,631.
- Petersen, Adolphe C. Vehicle propulsion and transmission means. 2,730,184, 1-10-56, Cl. 180-54.
- Petersen, Adolphe C. Rotor and wing aircraft. 2,743,885, 5-1-56, Cl. 244-7.
- Petersen, Adolphe C. Vehicle power operated steering means. 2,740,719, 5-1-56, Cl. 60-52.
- Petersen, Adolphe C. Variable wing aircraft. 2,752,110, 6-26-56, Cl. 244-43.
- Petersen, Adolphe C. Tiltable rotor unit with counter-rotating propellers. 2,753,005, 7-3-56, Cl. 170-135.26.
- Petersen, Adolphe C. Internal combustion engine and gas turbine driving means. 2,735,618, 7-24-56, Cl. 60-13.
- Petersen, Adolphe C. Compound propulsion system for automotive vehicles. 2,758,661, 8-14-56, Cl. 180-54.
- Petersen, Albert C., to Union Special Machine Co. Garment band construction. 2,751,599, 6-26-56, Cl. 2-237.
- Petersen, Albert C., to Union Special Machine Co. Garment bands. 2,751,600, 6-26-56, Cl. 2-237.
- Petersen, Albin K. Stretching and forming apparatus. 2,759,217, 8-21-56, Cl. 18-1.
- Petersen, Albin K., to Longren Aircraft Co. Method and apparatus for straightening integrally reinforced metal structures. 2,747,787, 10-21-56, Cl. 153-90.
- Petersen, Alden W., to United States Steel Corp. Gripping apparatus for handling elongated objects. 2,749,173, 6-5-56, Cl. 294-113.
- Petersen, Alden W., to United States Steel Corp. Holder for hot-top supporting blocks. 2,751,649, 6-26-56, Cl. 22-147.
- Petersen, Aldon M. Artificial lure. 2,756,123, 2-28-56, Cl. 43-42.09.
- Petersen, Alf A. Variable speed drive and clutch. 2,735,308, 2-21-56, Cl. 74-230.17.
- Petersen, Arthur L. and O. E. Vacuum operated hand brake unit for vehicles. 2,752,008, 6-26-56, Cl. 188-152.
- Petersen, Axel H. Core making machine. 2,763,902, 9-25-56, Cl. 22-10.
- Petersen, Benjamin R., Jr.: *See—*
- Shiu, Thomas B., 2,761,613.
- Petersen, Carl A., and W. M. Clapp, to Sylvania Electric Products Inc. Trigger signal converter. 2,762,914, 9-11-56, Cl. 250-27.
- Petersen, Carl M. F., to The Wakefield Co. Combination luminous ceiling and air conditioning system. 2,730,942, 1-17-56, Cl. 98-40.
- Petersen, Carl O.: *See—*
- Spindler, Norman J., and Peterson. 2,758,744.
- Petersen, Charles D., to Universal Controls Corp. Diaphragm housing. 2,754,530, 2-14-56, Cl. 137-788.
- Petersen, Charles R., to Multiple Die Vise Co., Inc. Vise for irregularly shaped objects. 2,754,708, 7-17-56, Cl. 81-38.
- Petersen, Clifford C., to The Pyle-National Co. Multi-contact connector. 2,749,526, 6-5-56, Cl. 339-61.
- Petersen, Clifford E.: *See—*
- Michel, George H., Peterson, and Lockhart. 2,736,735.
- Petersen, Damon A.: *See—*
- Osborn, Kenneth R., Peterson, and Sloan. 2,767,061.
- Petersen, David C., to Stewart-Warner Corp. Apparatus for determining unbalance in rotary bodies. 2,754,684, 7-17-56, Cl. 73-466.
- Peterson, David C., and J. C. Bystricky, to Stewart-Warner Corp. Lubricant measuring valve for centralized lubricating system. 2,742,973, 4-24-56, Cl. 184-7.
- Peterson, David G.: *See—*
- Hodson, Peter, and Peterson. 2,751,779.
- Peterson, Durey H.: *See—*
- Murray, Herbert C., and Peterson. 2,735,800.
- Murray, Herbert C., and Peterson. 2,757,186.
- Murray, Herbert C., and Peterson. 2,762,747.
- Murray, Herbert C., and Peterson. 2,771,474.
- Peterson, Edward S.: *See—*
- Lichtenwalter, Myrl, Peterson, and Sacken. 2,769,016.
- Winn, John, and Peterson. 2,736,378.
- Peterson, Edward S., to Automatic Electric Laboratories, Inc. Remote control system for recorders. 2,765,372, 10-2-56, Cl. 179-100.1.
- Peterson, Edward T., to Birdsboro Steel Foundry and Machine Co. Approach table, apron and kick-off. 2,765,896, 10-9-56, Cl. 198-24.
- Peterson, Edwin F. Blow tube for core blowing machine. 2,761,186, 9-4-56, Cl. 22-10.
- Peterson, Edwin W. Multiple pilot controlled main valve. 2,758,811, 8-14-56, Cl. 251-29.
- Peterson, Elbert A.: *See—*
- Ballard, Samuel A., Finch, and Peterson. 2,767,221.
- Peterson, Elmer J.: *See—*
- Dawkins, Kenneth, and Peterson. 2,772,385.
- Peterson, Elmer T., to S. C. Unkefer. Pneumatically powered foot. 2,758,569, 8-14-56, Cl. 121-3.
- Peterson, Elwin H., and H. G. Luther, to Chas. Pfizer & Co., Inc. Process and injectable composition for treating poultry. 2,757,122, 7-31-56, Cl. 167-53.1.
- Peterson, Emil D.: *See—*
- Salmon, Gilmore A., and Peterson. 2,765,593.
- Peterson, Eric O.: *See—*
- Creiman, Lyle, and Peterson. 2,767,329.
- Peterson, Eric O. Floor polishing mop means. 2,738,533, 3-20-56, Cl. 15-227.
- Peterson, Everett A., and H. W. Peterson, to A. W. Peterson & Sons Die Co., Inc. Apparatus for making plastic covers. 2,758,631, 8-14-56, Cl. 154-42.
- Peterson, Gerald D., to Ferro Corp. Portable tunnel kiln. 2,729,872, 1-10-56, Cl. 25-144.
- Peterson, Fred W., to Radio Corp. of America. Indirectly heated electron emitter for power tubes and the like. 2,768,321, 10-23-56, Cl. 313-337.
- Peterson, Gale S., and C. J. Welsh, to Union Oil Co. of California. Process and injectable composition for treating granular solids. 2,751,257, 6-19-56, Cl. 302-17.
- Peterson, George. Lawn mower grass collector. 2,747,356, 5-29-56, Cl. 56-202.
- Peterson, George H. Gutter forming attachment for brakes. 2,767,767, 10-23-56, Cl. 153-16.
- Peterson, Gerald D. Weather stripping for a horizontal sash. 2,739,359, 8-27-56, Cl. 20-69.
- Peterson, Gerald D. Window construction. 2,747,240, 5-29-56, Cl. 20-52.
- Peterson, Gerald D. Coupling. 2,757,522, 8-7-56, Cl. 64-25.
- Peterson, Gerald D. Corner structure for a window sash. 2,763,344, 9-18-56, Cl. 189-64.
- Peterson, Gerald D. Closure panel mounting structure. 2,768,717, 10-30-56, Cl. 189-78.
- Peterson, Gerald H.: *See—*
- Park, Harwood E., 2,762,892.
- Peterson, Gerald D., to Surco, Inc. Multiple trace recorder. 2,775,503, 12-25-56, Cl. 346-109.
- Peterson, Harold E. Gate. 2,767,494, 10-23-56, Cl. 39-91.
- Peterson, Harold O., to Radio Corp. of America. Receiver for multiplex signals. 2,753,003, 2-14-56, Cl. 250-20.
- Peterson, Harold W.: *See—*
- Peterson, Everett A., and H. W. 2,758,631.
- Peterson, Henry. Mounting having a large central gem overlying adjacent small gems. 2,774,231, 12-18-56, Cl. 63-28.
- Peterson, Hubert C., Sr.: *See—*
- Pasmore, Carl H., Jr., and Peterson. 2,732,650.
- Peterson, James F., to N & P Enterprises, Inc. Lift cart. 2,743,833, 5-1-56, Cl. 214-651.
- Peterson, James F., to N & P Enterprises, Inc. Adjustable display basket. 2,743,838, 5-1-56, Cl. 220-6.
- Peterson, Joe G.: *See—*
- Kennedy, Ernest A., and Peterson. 2,764,619.
- Peterson, Joel D., to Bendix Aviation Corp. Air-fuel ratio control system for ram-jet engines. 2,765,619, 10-9-56, Cl. 60-39.28.
- Peterson, Kenneth E.: *See—*
- Nejststrom, Kenneth L., Peterson, and Evans. 2,772,715.
- Peterson, Kenneth E., to Aircraft-Marine Products Inc. Electrical connector. 2,735,997, 2-21-56, Cl. 339-253.
- Peterson, Lester C.: *See—*
- Ikanyan, Alfred N., Peterson, and Batts. 2,756,801.
- Ikanyan, Alfred N., Peterson, and Batts. 2,771,936.
- Peterson, Lester C., and H. J. Batts, to United States Rubber Co. Use of butyl rubber with a dimethyl phenyl chlorosulfonated polythene and a zinc compound, and product obtained thereby. 2,734,039, 2-7-56, Cl. 260-19.
- Peterson, Lester C., F. A. Mulbarger, and H. J. Batts, to United States Rubber Co. Inner tube. 2,760,542, 8-28-56, Cl. 152-351.
- Peterson, Marjorie A. Universally adjustable invalid chair. 2,769,483, 11-6-56, Cl. 155-28.
- Peterson, Merle E., to Bendix Aviation Corp. Automatic two-speed gearing for bicycles. 2,747,708, 5-29-56, Cl. 192-6.

- Peterson, Norman G. *See*—  
 Millar, Ronald L., Moore, and Peterson. 2,768,150.
- Peterson, Odell E. *See*—  
 Peterson, Arthur L. and O. E. 2,752,008.
- Peterson, Olaf J. Tractor fencer. 2,759,683, 8-21-56. Cl. 242-90.
- Peterson, Oliver H. *See*—  
 Zbornik, Thomas W., and Peterson. 2,748,051.
- Peterson, Paul F. To North American Aviation, Inc. Aircraft gun mount. 2,737,085, 3-8-56. Cl. 89-37.5.
- Peterson, Ray L. Incinerator. 2,749,854, 6-12-56. Cl. 110-18.
- Peterson, Raymond A., to United Geophysical Corp. Seismic wave filtering system. 2,757,367, 7-31-56. Cl. 340-15.
- Peterson, Reuben. Hay stack builder and mover. 2,743,114, 4-24-56. Cl. 280-34.
- Peterson, Reuben W. *See*—  
 King, Edward P. 2,775,486.
- Peterson, Robert A., to Caterpillar Tractor Co. Tractor with twin power plants. Re. 24,175, 7-8-56. Cl. 180-6.48.
- Peterson, Robert E. *See*—  
 Rively, Clair M., and Peterson. 2,739,268.
- Peterson, Robert E. Portable lighters. 2,732,698, 1-31-56. Cl. 67-7.1.
- Peterson, Robert E. Portable lighters. 2,734,364, 2-14-56. Cl. 67-7.1.
- Peterson, Robert E. Portable lighters. 2,759,345. Cl. 67-7.1.
- Peterson, Robert E., to Raytheon Mfg. Co. Acoustic log. 2,770,795, 11-13-56. Cl. 340-3.
- Peterson, Robert E., and R. S. Lancaster, to Repeter Products, Inc. Smoker's lighter. 2,732,697, 1-31-56. Cl. 67-7.1.
- Peterson, Robert J. Self-leveling lift. 2,770,324, 11-13-56. Cl. 187-34.
- Peterson, Robert L., to General Controls Co. Control system using two saturable reactors in a constant current circuit. 2,740,933, 4-3-56. Cl. 321-25.
- Peterson, Ruben O. *See*—  
 Nelson, Brooks E., and Peterson. 2,740,148.
- Nelson, Brooks E., and Peterson. 2,756,109.
- Peterson, Ruben O., to The Osborn Mfg. Co. Rotary brush. 2,759,429, 3-27-56. Cl. 51-193.
- Peterson, Ruben O., to The Osborn Mfg. Co. Rotary brush assembly. 2,744,277, 5-8-56. Cl. 15-181.
- Peterson, Ruben O., to The Osborn Mfg. Co. Brush construction. 2,748,412, 6-5-56. Cl. 15-129.
- Peterson, Ruben O., to The Osborn Mfg. Co. Buffing tool. 2,755,608, 7-14-56. Cl. 51-193.
- Peterson, Ruben O., to The Osborn Mfg. Co. Brush and method of making same. 2,757,400, 8-7-56. Cl. 15-179.
- Peterson, Ruben O., to The Osborn Mfg. Co. Rotary brush construction. 2,757,401, 8-7-56. Cl. 15-182.
- Peterson, Ruben O., to The Osborn Mfg. Co. Method and apparatus for conditioning metal sheets and the like. 2,757,486, 8-7-56. Cl. 51-23.
- Peterson, Ruben O., to The Osborn Mfg. Co. Rotary abrading tool. 2,760,564, 8-7-56. Cl. 51-193.
- Peterson, Ruben O., to The Osborn Mfg. Co. Brush assembly. 2,773,275, 12-11-56. Cl. 15-77.
- Peterson, Russell A. *See*—  
 Ackert, George F., and Peterson. 2,731,332.
- Peterson, Thomas F. Helically-preformed armor for linear bodies. 2,729,054, 1-3-56. Cl. 57-145.
- Peterson, Thomas F., to Preformed Line Products Co. Guy wire construction. 2,736,398, 2-28-56. Cl. 189-31.5.
- Peterson, Thomas F. Helically-preformed lashing for connecting cables to messenger strands. 2,744,707, 5-8-56. Cl. 248-61.
- Peterson, Thomas F. High temperature alarm. 2,750,482, 6-12-56. Cl. 201-63.
- Peterson, Thomas F., to Preformed Line Products Co. Dead end for cables. 2,761,273, 9-15-56. Cl. 57-145.
- Peterson, Thomas F., to Preformed Line Products Co. Method of protecting and connecting mating electrical conductor members. 2,760,157, 10-9-56. Cl. 154-222.
- Peterson, Victor W., to General Motors Corp. Hydraulic fluid system. 2,766,888, 4-25-56. Cl. 103-11.
- Peterson, Victor W., to General Motors Corp. Clutch with coolant metering. 2,775,331, 12-25-56. Cl. 192-113.
- Peterson, Walter E. *See*—  
 Laverty, Norman P., and Peterson. 2,755,380.
- Peterson, Walter H. *See*—  
 Sommer, Harry J., and Peterson. 2,730,454.
- Peterson, Walter H., and T. Skei, to Shell Development Co. Water-resistant non-soap grease containing alkaline agents. 2,748,081, 5-29-56. Cl. 252-28.
- Peterson, Warren J., to Cuyamco Industries, Inc. Chairs. 2,771,940, 11-27-56. Cl. 155-191.
- Peterson, William B., Jr., to Angelus Sanitary Can Machine Co. Can end feeder. 2,746,413, 5-22-56. Cl. 113-114.
- Peterson, William D., to North American Aviation, Inc. D-C amplifier. 2,744,969, 5-8-56. Cl. 179-171.
- Peterson, William F. *See*—  
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- Venner, William M., Bowser, and Peterson. 2,737,428.
- Peterson, William F., to Sterling Aluminum Products, Inc. Trunk piston. 2,737,426, 3-8-56. Cl. 309-13.
- Peterson, William H., to Pullman-Standard Car Mfg. Co. Vehicle floor. 2,735,517, 2-21-56. Cl. 189-34.
- Peterson, William R. *See*—  
 Moore, Edward B., Peterson, and Stack. 2,743,740.
- Parks, William W., and Peterson. 2,760,726.
- Peterson, William R., and C. E. Krupp, to Vapor Heating Corp. Hydraulic damper control. 2,729,394, 1-3-56. Cl. 236-13.
- Peterson, William R., C. E. Krupp, and A. Stack, to Vapor Heating Corp. Automatic hydraulic damper. 2,764,354, 9-25-56. Cl. 236-68.
- Peth, Robert, to Motorola, Inc. Oscillator circuit. 2,759,103, 8-14-56. Cl. 250-36.
- Peth, Robert, to Motorola, Inc. Switching system. 2,766,324, 10-9-56. Cl. 179-15.3.
- Pethes, Theodore J., to Western Electric Co., Inc. Release mechanism for meter-type relays. 2,760,125, 8-21-56. Cl. 317-13.
- Petick, Albert E. *See*—  
 Lewin, Leonard, Pethick, and Setchfield. 2,737,634.
- Pethybridge, Charles A. *See*—  
 Montgomery, Donald H., Pethybridge, and Lange. 2,765,916.
- Petion, Louis J. Measuring instruments. 2,747,287, 5-29-56. Cl. 33-141.
- Petit, Paul E. Apparatus for cleaning pipes and the like. 2,751,728, 6-26-56. Cl. 51-241.
- Petit, Roger M., to Société Dinar and 1/2 to Société Barfed. Typewriting device. 2,742,131, 4-17-56. Cl. 197-17.
- Petiteian, Charles *See*—  
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- Neier, Reinhard, Petiteian, and Wehrli. 2,775,581.
- Petituis, Claudi, to Chloro Lac. Devices for dyeing, bleaching, and cool wave permanent curling of hair. 2,775,244, 12-25-56. Cl. 132-33.
- Peto, Frank H. *See*—  
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- Petracek, Stephen E. *See*—  
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- Petre, John R. *See*—  
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- Petrie, John R., to The American Laundry Machinery Co. Proportional measuring timer. 2,743,920, 5-1-56. Cl. 270-80.
- Petre, John R., to The American Laundry Machinery Co. Pressing machine. 2,757,833, 8-7-56. Cl. 223-57.
- Petrina, James C., to Wright Machinery Co. Feed control means for weighing machines. 2,746,707, 5-22-56. Cl. 249-59.
- Petrella, Pasquale, and M. B. Robinson. Automobile signals. 2,750,578, 6-12-56. Cl. 340-66.
- Petri, Jan E., and B. P. and L. L. Gagnon, to American Optical Co. Rear vision mirrors. 2,758,508, 8-14-56. Cl. 88-93.
- Petric, Erwin, to Bohler & Weber K. G. Filtering mass carrier for filtration plant. 2,740,527, 4-3-56. Cl. 210-177.
- Petric, Erwin, to Bohler & Weber K. G. 2,749,592, guardian of said R. F. Petrick, incompetent. Soil treating and weed destroying apparatus. 2,775,174, 12-25-56. Cl. 97-10.
- Petrie, Eugene C. *See*—  
 Breidscheider, Kurt B., and Petrie. 2,750,955.
- Petrie, Peter S. *See*—  
 Britton, Edgar C., and Petrie. 2,745,857.
- Petrochko, John. Safety striking plate for door locks. 2,772,110, 11-27-56. Cl. 292-341.17.
- Petroff, Merlin O., to Stewart-Warner Corp. Vibration analyzing equipment. 2,754,679, 7-17-56. Cl. 73-70.
- Petroff, Merlin O., and T. E. Bjorn, to Stewart-Warner Corp. Electrical tachometer for internal combustion engines. 2,773,298, 12-4-56. Cl. 324-70.
- Petroleum Mechanical Development Corp. *See*—  
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- Jones, Marvin R. 2,746,781.
- Petroleum Systems, Inc. *See*—  
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- Petrolite Corp. *See*—  
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- De Groote, Melvin. 2,743,241-2,743,245.
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- De Groote, Melvin. 2,743,262.
- De Groote, Melvin. 2,743,293.
- De Groote, Melvin. 2,771,440-2,771,449.
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- De Groote, Melvin, and Keiser. 2,771,450.
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- De Groote, Melvin, and Shen. 2,771,451-2,771,455.
- Dickson, Woodrow J. 2,766,213.
- Eberz, William F. 2,737,978.
- Lissant, Kenneth J. 2,748,867.
- Lissant, Kenneth J. 2,749,322.
- Monson, Louis T. 2,748,085-9.
- Monson, Louis T., and Dickson. 2,766,292.
- Shen, Kwan-Ting. 2,771,462.
- Petropoulos, John C., to American Cynamid Co. Substituted indole and indole product with haloaldehyds. 2,754,285, 7-10-56. Cl. 260-47.
- Petroske, John J., to Patchogue-Plymouth Mills Corp. Pile rug and rug base. 2,750,652, 6-19-56. Cl. 28-80.
- Petroslan, George A. Engine oil checking rod. 2,756,716, 7-25-56. Cl. 156-118.
- Petrovich, Joseph G., and D. M. Leedy. Automatic plating current control system for electrolytic tinning apparatus. 2,757,137, 7-31-56. Cl. 204-211.
- Petrucelli, Vincent J. *See*—  
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- Brookhuysen, William C., and Petrucelli. 2,729,214.
- Gilman, Samuel, and Petrucelli. 2,745,411.



- Petry, Eduard C.: *See*—  
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- Petry, Howard J. Ferrous alloy. 2,759,811, 8-21-56, Cl. 75-128.
- Petry, Robert K., and J. B. Weaver, to Congoleum-Nairn Inc. Laminated covering and method and apparatus for making same. 2,757,711, 8-7-56, Cl. 154-20.
- Petsch, Gertrude H.: *See*—  
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- Pettersson, Eric A. E.: *See*—  
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- Pettibone Mulliken Corp.: *See*—  
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- Pettibone, Robert L., to Eaton Mfg. Co. 2,767,928.
- Kuehlthau, Hugo L. 2,731,687.
- Magnuson, Alfred V., and Kafka. 2,759,229.
- Pettibone, Robert L.: *See*—  
Goetzl, Claus G., and Pettibone. 2,765,227.
- Pettibone, Robert L., to Eaton Mfg. Co. Manufacture of composite ductile wire. 2,756,492, 7-31-56, Cl. 29-420.5.
- Pettibone, Robert L., to Eaton Mfg. Co. Process of producing heat treated powdered metal articles. 2,768,917, 10-30-56, Cl. 148-12.4.
- Pettigrew, F. L.: *See*—  
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- Pettit, Dorn L., to Square D Co. Electric contact mounting. 2,759,074, 8-14-56, Cl. 200-166.
- Pettit, Dorn L., to Square D Co. Swingout panel cabinet. 2,769,940, 11-6-56, Cl. 317-120.
- Pettit, Dorn L., to Square D Co. Adjustable voltage drive controller. 2,775,728, 12-25-56, Cl. 138-143.
- Pettit, George A., and R. A. Rusca, to the United States of America as represented by the Secretary of Agriculture. Card clothing stripper. 2,742,673, 4-24-56, Cl. 19-108.
- Pettit, Jack L., to Metalwash Machinery Co. Conveyor hanger. 2,760,588, 8-21-56, Cl. 193-31.
- Pettit, Lela B. Angle guide attachment for power drills and like tools. 2,756,512, 7-31-56, Cl. 33-207.
- Petts, Josephine M.: *See*—  
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- Pettus, James L.: *See*—  
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- Petty, Jack W.: *See*—  
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- Petty, Macon, to Hudson Engineering Corp. Variable pitch fan. 2,739,655, 3-27-56, Cl. 170-160.32.
- Petty, Olive S.: *See*—  
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- Mayne, William H. 2,732,906.
- Pettyjohn, Elmore S., and H. R. Linden, to Institute of Gas Technology. Method of making a fuel gas interchangeable with natural gas. 2,734,809, 2-14-56, Cl. 48-197.
- Pettyjohn, Elmore S., and H. R. Linden, to The Institute of Gas Technology. Method of making oil gas interchangeable with natural gas. 2,734,810, 2-14-56, Cl. 48-211.
- Pettyjohn, Elmore S., and H. R. Linden, to The Institute of Gas Technology. Method of making a fuel gas. 2,759,806, 8-21-56, Cl. 48-197.
- Pettyjohn, Elmore S., to Westinghouse Electric Corp. Voltage-responsive electrical measuring instruments. 2,756,391, 7-24-56, Cl. 324-104.
- Petzke, Franklin J. Adjustable plate hanger. 2,737,361, 3-6-56, Cl. 248-30.
- Peukert, Theodore J., Jr., and F. J. Hibbs, Sr. Fruit and vegetable. 2,748,576, 6-5-56, Cl. 62-169.
- Peyches, Ivan, to Societe Anonyme des Manufactures des Glaces et Produits Chimiques de St. Gobain, Chauny & Cirey. Method for extracting simple elements from fusible materials containing them. 2,752,233, 6-26-56, Cl. 75-10.
- Peyer, Frank, to Bethlehem Steel Co. Lifting tongs locking unit. 2,745,695, 7-15-56, Cl. 294-118.
- Peyrin, Henri: *See*—  
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- Peyrin, Henri, and S. X. Casaceli, to Etablissements Neyprie. Fluid transfer connection between a fixed fluid conduit and a rotating cylinder. 2,733,131, 11-24-56, Cl. 121-33.
- Peyrin, Henri, and S. X. Casaceli, to Etablissements Neyprie. Thrust bearings, especially for turbine and generator units. 2,738,892, 2-7-56, Cl. 253-148.
- Peyrin, Henri, and S. X. Casaceli, to Etablissements Neyprie. Distributor valve operating apparatus for hydraulic turbine. 2,746,713, 2-22-56, Cl. 253-155.
- Peyrin, Henri, and S. X. Casaceli, to Etablissements Neyprie. Flange retained key drive type of mechanical coupling. 2,768,847, 10-30-56, Cl. 285-368.
- Peyrot, Pierre P., and J. Proriot, to Societe des Usines Chimiques Rhone-Poulenc. Waterproofing compositions and their use in coating. 2,735,791, 2-21-56, Cl. 117-161.
- Peysson, Jean, to Compagnie Generale de Telegraphie Sans Fil. Adjustable tubular condenser. 2,758,268, 8-7-56, Cl. 317-249.
- Peyton, Edward S., 50% to J. F. Mazzel. Combination high chair and cradle. 2,770,288, 11-13-56, Cl. 155-17.
- Pezza, Mariana. Garment presser. 2,748,511, 6-5-56, Cl. 38-71.
- Pfaff, Elmer F., and R. J. Kopf, to Portable Industries, Inc. Safety and control ram. 2,767,398, 10-23-56, Cl. 1-44.5.
- Pfaff, G. M., A-G.: *See*—  
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- Kratz, Eugen, and Strauss. 2,755,753.
- Meissler, Ludwig. 2,742,006.
- Pfaff, Karl. 2,741,202.
- Zink, Hermann, and Wenz. 2,739,553.
- Zink, Hermann, and Wenz. 2,745,365.
- Pfaff, George C., to Koppers Co., Inc. Regenerative cyclic high B. T. oil gas process for carburated water gas set. 2,760,853, 8-25-56, Cl. 48-212.
- Pfaff, Karl, to G. M. Pfaff A-G. Driving gear frame engaged in shell section housing. 2,741,202, 4-10-56, Cl. 112-258.
- Pfaff, Peter: *See*—  
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- Pfaff, William A., to Diebold Inc. Portable microfilm camera. 2,771,816, 11-27-56, Cl. 88-24.
- Pfaller, George M., and A. A. Saul. Form clamp mechanism for presses. 2,730,045, 1-10-56, Cl. 101-250.
- Pfann, Joseph A. Glass trimming tool. 2,772,473, 12-4-56, Cl. 29-258.
- Pfann, William G., to Bell Telephone Laboratories, Inc. Segregation process. 2,739,045, 3-20-56, Cl. 23-309.
- Pfann, William G., to Bell Telephone Laboratories, Inc. Continuous process for separating fusible materials. 2,739,046, 3-20-56, Cl. 23-310.
- Pfann, William G., to Bell Telephone Laboratories, Inc. Process for controlling solute segregation by zone-melting. 2,739,088, 3-20-56, Cl. 148-1.5.
- Pfann, William G., to Bell Telephone Laboratories, Inc. Process for separating components of a fusible material. 2,732,262, 3-20-56, Cl. 23-310.
- Pfann, William G., to Bell Telephone Laboratories, Inc. Silicon translating devices and methods of manufacture. 2,750,544, 6-12-56, Cl. 317-240.
- Pfann, William G., to Bell Telephone Laboratories, Inc. Semiconductor signal translating devices. 2,763,731, 9-18-56, Cl. 179-11.
- Pfann, William G., to Bell Telephone Laboratories, Inc. Semiconductor translators containing enclosed active junctions. 2,770,761, 11-13-56, Cl. 317-235.
- Pfannmueller, Wilhelm: *See*—  
Johannsen, Adolf, Danz, Pfannmueller, and Wolf. 2,761,762.
- Johannsen, Adolf, Danz, Pfannmueller, and Wolf. 2,761,763.
- Johannsen, Adolf, Danz, Pfannmueller, and Wolf. 2,761,764.
- Johannsen, Adolf, Danz, Pfannmueller, and Wolf. 2,768,959.
- Pfarrwaller, Erwin, to Sulzer Freres, Societe Anonyme. Mechanical loom. 2,737,981, 3-13-56, Cl. 139-1.
- Pfarrwaller, Erwin, to Sulzer Freres, Societe Anonyme. Weft thread control in looms for weaving. 2,749,946, 6-12-56, Cl. 139-126.
- Pfarrwaller, Erwin, to Sulzer Freres, Societe Anonyme. Grip-ber shuttle having a thread clamp. 2,759,496, 8-21-56, Cl. 139-125.
- Pfaunder Co., The: *See*—  
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- Stigler, Joseph T. 2,759,649.
- Pfeffer, David and M. Interchangeable setting. 2,733,579, 2-7-56, Cl. 63-29.
- Pfeffer, Max: *See*—  
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- Pfeffer, Theophil, to Heinrich Ritter Aluminiumwarenfabrik. Pressure cooker. 2,772,806, 12-4-56, Cl. 220-44.
- Pfeffer, William E., to P. Mood, L. Vold, and W. E. Pfeffer, copartners trading under the name of The Electro-Mechanical Instrument Co. Electrical measuring instruments. 2,755,444, 11-27-56, Cl. 324-154.
- Pfeiffer, Otto T. Water reactive alloy. 2,731,342, 1-17-56, Cl. 75-134.
- Pfeifer, William J.: *See*—  
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- Pfeifer, Fred B. Conveyor and stretching means. 2,769,522, 11-6-56, Cl. 198-34.
- Pfeifer, Max, to M. Maul. Dividing machines. 2,750,112, 6-12-56, Cl. 235-61.7.
- Pfeiffer, Paul O., to The General Tire and Rubber Co. Anti-skid ice tire. 2,756,799, 7-31-56, Cl. 152-211.
- Pfeiffer, Paul O., C. O. Slemmons, and J. R. King, to The General Tire and Rubber Co. Pneumatic suspension system for vehicles. 2,756,048, 7-24-56, Cl. 267-65.
- Pfennig, Reuben F.: *See*—  
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- Pfenninger, Hans, to Aktiengesellschaft Brown, Boveri & Co. Gas turbine plant for use in metallurgical works. 2,758,827, 4-14-56, Cl. 263-19.
- Pfetzling, Henry V., to Kent-Moore Organization, Inc. Fitting for a gas exhaust system. 2,733,668, 2-7-56, Cl. 104-52.
- Pfetzling, Henry V., to Kent-Moore Organization, Inc. Unitary wrench and container oil filter remover. 2,746,330, 5-2-56, Cl. 81-53.
- Pfister Chemical Works, Inc.: *See*—  
Shulman, George. 2,763,621.
- Pfister, George J., and G. J. Pfister, Jr. Shear pin coupling. 2,739,463, 3-27-56, Cl. 64-28.
- Pfister, George J., Jr.: *See*—  
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- Pfister, Karl III.: *See*—  
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- Clark, Robert L., and Pfister. 2,741,616.
- O'Neill, Robert C., Basso, and Pfister. 2,755,285.
- Pfister, Karl III., and W. J. Leanza, to Merck & Co., Inc.  $\alpha$ -Methyltryptophane and salts thereof. 2,766,255, 10-9-56, Cl. 260-319.
- Pfistershammer, Joseph. Honeycomb-type structural materials and method of making same. 2,738,297, 3-13-56, Cl. 154-52.5.

- Pfizer, Christian C. : See—  
Maher, Richard A., and Pfizer. 2,745,899.
- Pfizer, Chas., & Co., Inc. : See—  
Agnello, Eugene J., and Laubach. 2,773,868.  
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Bavley, Abraham, and Hamilton. 2,758,998.  
Bavley, Abraham, Hamilton, and Kraus. 2,738,352.  
Bavley, Abraham, and Harfenist. 2,742,478.  
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Bavley, Abraham, Harfenist, and McLamore. 2,750,428.  
Bavley, Abraham, and Knuth. 2,773,897.  
Bavley, Abraham, and McLamore. 2,749,900.  
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- Pfeger, Frederick W. : See—  
Burkhart, William H. Fleming, and Pfeger. 2,769,592.
- Pfeger, Kenneth W. : Bell Telephone Laboratories, Inc. Variable bandwidth transmission system. 2,763,840. 9-18-56. Cl. 333-17.
- Pfeumer, Hans, to Rubatex Products, Inc. Expanded cellular rubber with elliptical cells and method of making. 2,769,205. 11-6-56. Cl. 18-53.
- Pfueger, Walter, and H. Augenstein. Comb. 2,762,353. 9-11-56. Cl. 132-135.
- Pfueger, Walter, and H. Augenstein. Comb. 2,772,682. 12-4-56. Cl. 132-135.
- Pfohl, Frank W., and V. P. Gregory, to Armour and Co. Method of protecting metal surfaces from corrosion and corrosion inhibitor compositions. 2,736,658. 2-28-56. Cl. 106-14.
- Pfount, Watson G. : See—  
Benefield, Edward N., and Pfounts. 2,772,619.
- Pfund, Charles E. : See—  
Crosby, Edward L., Jr., and Pfund. 2,751,443.
- Pfund, Charles E., to Development Engineering Service. Series tuned high frequency oscillators. 2,732,498. 1-24-56. Cl. 250-36.
- Pfund, Charles E., to Bendix Aviation Corp. Self-extinguishing dial light for TV tuner. 2,746,029. 5-15-56. Cl. 340-282.
- Phalen, Joseph L.,  $\frac{1}{2}$  to Eugene D. O'Sullivan. Fire extinguisher. 2,745,700. 5-15-56. Cl. 299-95.
- Phane, Walter J. : See—  
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- Phane, Walter J., to The Goodyear Tire & Rubber Co. Pneumatic fabric beam structure. 2,753,019. 7-3-56. Cl. 189-37.
- Phaneuf, Edgar A. : See—  
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- Phaneuf, Leo F. Switch control apparatus. 2,759,363. 8-21-56. Cl. 74-2.
- Phares, Thomas E. : See—  
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- Pharis, William W., to General Dynamics Corp. Multi-office telephone system. 2,744,963. 5-8-56. Cl. 179-27.
- Pharis, William W., to General Dynamics Corp. Conversation timing circuit. 2,747,016. 5-22-56. Cl. 179-7.1.
- Pharis, William W., to General Dynamics Corp. Busy verification. 2,753,401. 7-3-56. Cl. 179-27.
- Pharis, William W., to General Dynamics Corp. Guarding circuit for telephone systems. 2,765,369. 10-2-56. Cl. 179-18.
- Pharis, William W., to General Dynamics Corp. Tank circuit. 2,773,938. 12-11-56. Cl. 179-18.
- Pharma-Craft Corp., The : See—  
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- Pharris, John A., to E Z Painter Corp. Paint tray. 2,759,620. 8-21-56. Cl. 220-1.
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- Phelan, George A., to Bendix Aviation Corp. Voltage regulating system. 2,740,085. 3-27-56. Cl. 322-28.
- Phelisse, Jean A. : See—  
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- Phelon, Russell E. Breaker mechanism for a magneto. 2,752,436. 6-26-56. Cl. 200-30.
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- Phelps, Byron E., to International Business Machines Corp. Magnetic recording method. 2,774,646. 12-18-56. Cl. 346-74.
- Phelps, Charles F., to P. K. Becker, d. b. a. Sumersett Products, Inc. Apparatus for filling tubular containers. 2,760,701. 8-23-56. Cl. 226-24.
- Phelps, Clyde H., to Raydyn Corp. Balance testing means. 2,740,297. 4-3-56. Cl. 73-466.
- Phelps, Clyde H., to Raydyn Corp. Support means for balancing machines. 2,754,686. 7-17-56. Cl. 73-477.
- Phelps Dodge Copper Products Corp. : See—  
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- Phelps, Edwin H. : See—  
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- Phelps, Foster C. Sink mounting. 2,752,609. 7-3-56. Cl. 4-187.
- Phelps, Glen W. : See—  
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Messenger, Desmond, Withard, and Phelps. 2,735,730.
- Phelps, Henry V. Dipole antenna. 2,750,590. 6-12-56. Cl. 343-904.
- Phelps, James O. : See—  
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- Phelps, I. R., to The Texas Co. Pipe spacing device. 2,735,448. 2-21-56. Cl. 138-65.
- Phelps, Maurice V., to Allied Chemical & Dye Corp. Treatment of waste ammonium sulfate pulping liquors. 2,739,039. 8-23-56. Cl. 23-29.
- Phelps, Richard V., to Sperry Rand Corp. Private line communication system. 2,740,106. 3-27-56. Cl. 340-147.
- Phelps, Ross H. : See—  
Kishline, Floyd B., Phelps, and Voigt. 2,733,933.
- Phelps, William H. Drive mechanism for a power mower. 2,736,389. 2-28-56. Cl. 180-19.
- Phelps, William H. Reversible handle mounting for a mower. 2,763,492. 9-18-56. Cl. 280-47.36.
- Phelps, William H. Sharp-toothed tire engaging members for driving vehicle wheels. 2,771,959. 11-27-56. Cl. 180-74.
- Phelps, William T. : See—  
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- Phemister, Harry L., to American Cyanamid Co. Explosive package. 2,764,939. 10-2-56. Cl. 102-97.
- Phenol, Spencer, to American Cyanamid Co. Suspension for rocking chairs. 2,768,674. 10-30-56. Cl. 155-54.
- Phil Cord Corp. : See—  
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- Philadelphia Gear Works, Inc. : See—  
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- Philadelphia Pump & Machinery Co. : See—  
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- Philbrick, Frank H. Propelling mechanism for ballast handling machines. 2,740,358. 4-3-56. Cl. 105-30.
- Philbrick, George A. Delayed-recovery electric filter network. 2,730,679. 10-10-56. Cl. 333-70.
- Philbrick, Raymond D. Saw with carrying case handle. 2,735,463. 2-21-56. Cl. 145-31.
- Philco Corp. : See—  
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Philp, Lawrence A. : To Nash-Kelvinator Corp. Multiple temperature refrigerating apparatus. 2,730,868, 1-17-56, Cl. 62—6.  
Philipp, Lawrence A. : To Nash-Kelvinator Corp. Refrigerating system having defrosting arrangement. 2,737,030, 3-6-56, Cl. 62—116.  
Philipp, Lawrence A. : To Nash-Kelvinator Corp. Heating element control position indicator for electric range. 2,737,146, 3-6-56, Cl. 116—124.  
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Philipp, Lawrence A. : To American Motors Corp. Refrigerating apparatus. 2,738,653, 3-20-56, Cl. 62—3.  
Philipp, Lawrence A. : To Nash-Kelvinator Corp. Plural compartment refrigerating apparatus. 2,738,656, 3-20-56, Cl. 62—117,25.  
Philipp, Lawrence A. : To American Motors Corp. Defrosting refrigerating apparatus. 2,745,255, 5-15-56, Cl. 62—3.  
Philipp, Lawrence A. : To Nash-Kelvinator Corp. Refrigerating apparatus with moisture control means. 2,754,662, 7-17-56, Cl. 62—89.  
Philipp, Lawrence A. : To Nash-Kelvinator Corp. Refrigerator insulation drying arrangement. 2,761,290, 9-4-56, Cl. 62—89.  
Philipp, Lawrence A. : To Nash-Kelvinator Corp. Cooling condensing unit in refrigerating apparatus. 2,768,512, 10-30-56, Cl. 62—117,45.  
Philipp, John, and G. W. Robbins, to Air Reduction Co., Inc. Self-leveling tray for operating tables. 2,739,858, 3-27-56, Cl. 311—10.  
Philippović, Joachim W. : To Syntroon Co. Device for continuous weighing. 2,746,739, 5-22-56, Cl. 265—28.  
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Phillips, Alexander, to the United States of America as represented by the Secretary of the Navy. Magnetron tuner. 2,753,486, 7-3-56, Cl. 315—39.61.  
Phillips, Alexander A., and W. A. Smith, Jr., to Raytheon Mfg. Co. Demountable magnetron with metal-to-metal vacuum tight joint. 2,733,880, 1-31-56, Cl. 315—39.53.  
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Phillips, Andrew T., and R. J. Collins. Tile removing tools. 2,769,236, 11-6-56, Cl. 30—169.  
Phillips, Arthur E., to The Coleman Co., Inc. Atomizing bonderizing of cement lined tank. 2,730,463, 1-10-56, Cl. 117—96.  
Phillips, Arthur P., and A. L. Wnuck, to Burroughs Wellcome & Co. (U. S. A.), Inc. Invertin amides and method of making. 2,759,941, 8-21-56, Cl. 260—294.  
Phillips, Benjamin, and P. S. Starcher, to Union Carbide and Carbon Corp. Diepoxides. 2,745,847, 5-15-56, Cl. 260—348.

Phillips, Benjamin, and P. S. Starcher, to Union Carbide and Carbon Corp. Diepoxides. 2,750,395, 6-12-56, Cl. 260—348.  
Phillips, Benjamin F. Shoe heel construction. 2,738,599, 3-20-56, Cl. 36—35.  
Phillips, Bernard C., to The Tillotson Mfg. Co. Charge forming device. 2,733,902, 2-7-56, Cl. 261—41.  
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Phillips, Chester S., to The Emerson Electric Mfg. Co. Brush holder mechanism. 2,755,399, 7-17-56, Cl. 310—244.  
Phillips, Clay E. Ceiling jacks. 2,765,201, 10-2-56, Cl. 304—9.  
Phillips, Clifton H., to Shell Development Co. Clamps with pre-stressed and pre-set flexible grab arms. 2,739,009, 3-20-56, Cl. 294—88.  
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Dieterich, Richard E., and Werstein. 2,767,988.  
Phillips Edward E., and J. V. Shattling, to United States Steel Corp. Automatic stop mechanism for wire drawing machine. 2,744,692, 5-3-56, Cl. 242—78.  
Phillips, Edward H. : *See*—  
Phillips, William. 2,743,649.  
Phillips, Edwin D. : *See*—  
Phillips, William. 2,743,649.  
Phillips, Edwin N., to Collins Radio Co. Tester for directional couplers. 2,742,603, 4-17-56, Cl. 324—58.  
Phillips, Edwin N., to Collins Radio Co. Standing wave device. 2,748,345, 5-29-56, Cl. 324—58.  
Phillips, Edwin W. : *See*—  
Fessler, Frank. 2,762,375.  
Phillips, Ellis H. : *See*—  
Purdy, Harold C. 2,733,994.  
Phillips, Eric T. A., and H. G. C. Botting, to Muirhead & Co. Ltd. Methods of providing a modulated carrier signal. 2,768,309, 10-23-56, Cl. 250—209.  
Phillips, Everett D., deceased; R. W. Phillips, executrix. Uniform air control for burners. 2,754,845, 7-17-56, Cl. 137—608.  
Phillips, Freeman J., to United States Steel Corp. Ferritic stainless steel. 2,736,649, 2-28-56, Cl. 75—124.  
Phillips, Freeman J., and R. Smith, to United States Steel Corp. Steel alloy tanks for glass-to-metal seal. 2,745,738, 5-15-56, Cl. 75—126.  
Phillips, Freeman J., and C. O. Tarr, to United States Steel Corp. Steel glass seals and steel therefor. 2,745,739, 5-15-56, Cl. 75—128.  
Phillips, Garnet P., to International Harvester Co. Apparatus for making liner sleeves and refractory shell type molds. 2,770,855, 11-20-56, Cl. 22—9.  
Phillips, George N. Cutoff controls for automobile hydraulic brakes. 2,730,410, 1-10-56, Cl. 303—84.  
Phillips, Gerard D., Jr., to American Radiator & Standard Sanitary Corp. Mixing valve operation. 2,775,135, 12-25-56, Cl. 74—478.  
Phillips, Harold P., to Hastings Mfg. Co. Internal combustion engine valve assemblies having oil shields. 2,732,836, 1-31-56, Cl. 123—188.  
Phillips, Harold P., to Hastings Mfg. Co. Piston ring assembly. 2,742,334, 4-17-56, Cl. 309—29.  
Phillips, Hector M. M. : *See*—  
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Phillips, Henry F., to Floseal Corp. Pouring spout structure for cartons. 2,760,708, 8-28-56, Cl. 229—17.

- Phillips, J. A., and Co. Ltd.: *See*—  
 Millward, Edward A. 2,770,980.  
 Phillips, James M., to Salem-Brosius, Inc. Pallet with a collapsible container. 2,756,894. 7-31-56. Cl. 220—6.  
 Phillips, James M., to Saleen-Brosius, Inc. Material handling container. 2,775,360. 12-23-56. Cl. 220—4.  
 Phillips, Jesse N., Jr.: *See*—  
 Myers, Jack E., and Phillips. 2,732,662.  
 Phillips, John D.: Fire extinguisher for tires. 2,756,829. 7-31-56. Cl. 169—2.  
 Phillips, John J., to Titeflex, Inc. Shielded waterproof electrical connectors. 2,740,098. 3-27-56. Cl. 339—94.  
 Phillips-Jones Corp.: *See*—  
 Golden, Thomas H. 2,753,989.  
 Phillips, Joseph F., to The Buckeye Incubator Co. Tobacco curing system. 2,733,907. 2-7-56. Cl. 263—19.  
 Phillips, Josephine B.: *See*—  
 Phillips, William. 2,743,649.  
 Phillips, Kenneth A.: *See*—  
 Wilkins, Richard A., and Phillips. 2,754,196.  
 Phillips, Leonard R.: *See*—  
 Kurth, Franz J., Phillips, Waeldner, and Wallen. 2,737,875.  
 Phillips, Leonard R., and W. J. Waeldner, to Anemostat Corp. of America. Valve device. 2,759,490. 8-21-56. Cl. 137—607.  
 Phillips, Leonard R., and W. J. Waeldner, to Anemostat Corp. of America. Air outlet device for ventilating apparatus. 2,772,623. 12-4-56. Cl. 98—40.  
 Phillips, Lily E.: *See*—  
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 Phillips, Louis E.: Vertically and angularly adjustable lamp. 2,740,039. 3-27-56. Cl. 240—81.  
 Phillips, Lyman W., G. H. Fox, and W. L. Bostwick, to Petroleum Systems, Inc. Overflow float valves. 2,731,030. 1-17-56. Cl. 137—413.  
 Phillips, Michael D.: *See*—  
 McMaster, Robert C., and Phillips. 2,774,887.  
 Phillips, Oris E.: *See*—  
 Phillips, Dana E. and O. E. 2,751,579.  
 Phillips Petroleum Co.: *See*—  
 Ackerman, Joseph I., Jr. 2,758,108.  
 Alleman, Carl E. 2,759,975.  
 Alleman, Carl E. 2,741,547.  
 Arnett, Raymond L., and Buell. 2,760,638.  
 Atkinson, Robert G. 2,731,328.  
 Axe, William N. 2,737,508.  
 Ayers, Arnold L., and Karsel. 2,738,341.  
 Barr, William E. 2,760,918.  
 Barrett, Herbert M. 2,739,940.  
 Bearer, Louis C. 2,744,732.  
 Bearer, Louis C. 2,752,231.  
 Bearer, Louis C. 2,757,320.  
 Bearer, Louis C. 2,756,130.  
 Bearer, Louis C. 2,767,130.  
 Bearer, Louis C. 2,769,693.  
 Bearer, Louis C. 2,775,635.  
 Becker, Charles E. 2,743,835.  
 Begley, John W. 2,751,211.  
 Begley, John W. 2,756,030.  
 Begley, John W., and McIntire. 2,735,880.  
 Benz, George R., and Bearer. 2,738,262.  
 Bergman, William E. 2,735,858.  
 Blue, Richard W., and Holm. 2,755,318.  
 Bost, Howard W. 2,751,322.  
 Brandt, Carl T. 2,772,868.  
 Britton, Sylvester C. 2,729,936.  
 Broerman, Arthur B. 2,756,305.  
 Brooke, Jesse M. 2,742,505.  
 Brooke, Jesse M., and Waldbey. 2,763,516.  
 Brosamer, Robert J. 2,754,246.  
 Brous, Jack C. 2,742,784.  
 Brownlow, Cecil L. 2,766,427.  
 Brownlow, Cecil L. 2,769,868.  
 Bubb, Frank W. 2,742,227.  
 Bubb, Frank W. 2,759,429.  
 Burk, Marvin C., and Karsel. 2,761,974.  
 Burns, William E. 2,757,130.  
 Burns, William E. 2,769,773.  
 Burton, Joe M. 2,769,304.  
 Buttolph, Doyle D. 2,757,516.  
 Carney, Samuel C. 2,733,755.  
 Carpenter, Paul G. 2,735,269.  
 Carpenter, Paul G. 2,746,395.  
 Carpenter, Paul G. 2,749,890.  
 Carter, Norman C., and Cromeans. 2,747,004.  
 Carter, Norman C., and Cromeans. 2,775,631.  
 Cines, Martin R., and Roach. 2,760,908.  
 Clark, Alfred. 2,741,646.  
 Clark, Alfred, and Cromeans. 2,742,519.  
 Cottle, John E. 2,772,927.  
 Crawford, Francis W. 2,769,919.  
 Cronch, Willie W., and Howe. 2,765,295.  
 De Roisblanc, Deslonde R. 2,730,896.  
 De Roisblanc, Deslonde R. 2,741,918.  
 De Roisblanc, Deslonde R. 2,742,756.  
 De Roisblanc, Deslonde R. 2,769,341.  
 De Vault, Albert N. 2,760,996.  
 Dixon, Roland E. 2,759,032.  
 Dixon, Roland E., and Kelley. 2,764,624.  
 Doan, Richard L. 2,736,197.  
 Downs, George F., Jr. 2,733,697.  
 Dutcher, Harris A., and Sailors. 2,744,887.  
 Earley, George C. 2,740,762.  
 Phillips Petroleum Corp.: *See*—Continued  
 Eberle, Jack F. 2,771,333.  
 Eddy, William R. 2,754,841.  
 Edmonds, James T., Jr. 2,731,454.  
 Elgin, Joseph C. 2,736,756.  
 Engle, Charles J. 2,759,890.  
 Engle, Charles J. 2,764,546.  
 Evans, Edmund W. 2,757,771.  
 Fanning, Robert J. 2,735,836.  
 Fanning, Robert J., and Dees. 2,750,352.  
 Fanning, Robert J., and Louthan. 2,742,447.  
 Ferro, Bernardo J., Jr. 2,749,281.  
 Fetscher, John. 2,750,432.  
 Findlay, Robert A. 2,731,149.  
 Findlay, Robert A. 2,731,468.  
 Findlay, Robert A. 2,752,280.  
 Findlay, Robert A. 2,758,141.  
 Findlay, Robert A. 2,768,420.  
 Findlay, Robert A. 2,768,221.  
 Fisher, Henry B. 2,743,233.  
 Forkel, Curt E. 2,729,548.  
 Forkel, Curt E. 2,750,158.  
 Fox, Homer M. 2,770,086.  
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 Fryling, Charles F. 2,739,954.  
 Gagle, Duane W., and Defabagh. 2,775,530.  
 Gilmore, Forrest E. 2,760,447.  
 Gilmore, Forrest E. 2,760,851.  
 Gilmore, Forrest E. 2,766,104.  
 Gilmore, Forrest E. 2,774,715.  
 Goins, Robert R. 2,774,572.  
 Gomory, Paul C. 2,757,772.  
 Goodhue, Lyle D. 2,768,926.  
 Goodhue, Lyle D. 2,770,921.  
 Goodhue, Lyle D., and Mahan. 2,735,225.  
 Green, Richard M. 2,765,921.  
 Hachmuth, Karl H. 2,731,810.  
 Hachmuth, Karl H. 2,743,996.  
 Hachmuth, Karl H. 2,755,282.  
 Hachmuth, Karl H. 2,760,352.  
 Hachmuth, Karl H. 2,764,878.  
 Hall, Dick S. 2,772,122.  
 Hartmann, William A. 2,758,470.  
 Haskell, Donald M., and McKay. 2,768,169.  
 Hebard, Glen G., and Miles. 2,753,941.  
 Heffner, Robert E. 2,731,566.  
 Hepp, Harold J. 2,730,420.  
 Hepp, Harold J. 2,762,693.  
 Hettick, George R. 2,764,522.  
 Hettick, George R. 2,769,853.  
 Hewitt, William C. 2,745,823.  
 Hill, Gooch. 2,759,800.  
 Hillyer, John C. 2,760,632.  
 Hillyer, John C. 2,760,946.  
 Hillyer, John C. 2,766,216.  
 Hillyer, John C., and Dees. 2,756,267.  
 Hillyer, John C., and Edmonds. 2,731,475.  
 Himel, Chester M., and Edmonds. 2,775,559.  
 Howe, Jack L. 2,756,965.  
 Hudson, Paul S., Potts, and Smith. 2,773,874.  
 Hudson, Paul S., and Smith. 2,764,589.  
 Hunter, Loy R. 2,749,714.  
 Hutchins, Joseph W. 2,764,536.  
 Hutchins, Joseph W., and Miller. 2,765,409.  
 Hurto, John F., and Axe. 2,757,194.  
 Jones, Rufus V., and Canterino. 2,731,439.  
 Kahmann, Anthony R., and Martin. 2,770,533.  
 Kamenjar, Joseph L., and Anfle. 2,739,036.  
 Kaveler, Herman H. 2,771,953.  
 Kelley, Carl S. 2,739,144.  
 Kilpatrick, Myron O. 2,747,003.  
 Kilpatrick, Myron O. 2,747,680.  
 Kilpatrick, Myron O. 2,749,590.  
 King, William R. 2,741,796.  
 King, William R. 2,746,083.  
 Kleiss, Louis D., and Adams. 2,767,232.  
 Koble, Robert A., and Sherck. 2,775,103.  
 Krejci, Joseph C. 2,750,434.  
 Lanning, William C., and Hogan. 2,775,637.  
 Leonard, Ancel B., and Hettick. 2,764,623.  
 Leonard, Nelson J. 2,757,120.  
 Long, Loren L. 2,749,923.  
 Lupfer, Dale E., and Broerman. 2,769,912.  
 Lynch, Charles S. 2,740,619.  
 Lynch, Charles S. 2,770,603.  
 MacSporran, Charles. 2,731,802.  
 Mahan, John E. 2,742,474.  
 Mahan, John E. 2,758,916.  
 Mahan, John E. 2,769,811.  
 Mahan, John E. 2,775,596.  
 Mahan, John E., and Becker. 2,766,248.  
 Mahan, John E., and Potts. 2,732,377.  
 Mahan, John E., and Stahl. 2,769,690.  
 Mahan, John E., and Steens. 2,749,348.  
 Malick, Emil. 2,743,577.  
 Malick, Emil. 2,761,284.  
 Malick, Emil A. 2,772,728.  
 Marsden, Ross S., Jr. 2,737,643.  
 Marsden, Ross S., Jr. 2,753,822.  
 Marsden, Ross S., Jr. 2,753,934.  
 Marsden, Ross S., Jr. 2,766,440.  
 Marsden, Ross S., Jr. 2,768,266.  
 Massey, Phillip S., and Reilly. 2,769,455.  
 Mayland, Bertrand J. 2,756,194.



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 McIntire, Robert L. 2,750,881.  
 McKay, Dwight L. 2,740,697.  
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 McKnight, Charles B. 2,753,294.  
 McMillan, Fred L., Jr. 2,742,605.  
 Meade, Leonard C. 2,745,656.  
 Mengelkamp, Richard A., and Grantham. 2,767,691.  
 Mertz, Clyde W. 2,745,834.  
 Mertz, Clyde W. 2,764,588.  
 Miles, Theodore. 2,747,840.  
 Miller, Elmer C. 2,750,511.  
 Miller, Elmer C. 2,764,842.  
 Miller, Elmer C. 2,764,692.  
 Miller, Elmer C., and Berger. 2,771,149.  
 Morgan, Thomas D. 2,732,834.  
 Morris, William L. 2,767,909.  
 Moyer, Golden A. 2,755,504.  
 Moyer, Golden A. 2,774,723.  
 Myers, John W. 2,767,124.  
 Nash, Martin E. 2,768,119.  
 Nelson, William T. 2,736,691.  
 Nelson, William T. 2,737,538.  
 Nelson, William T. 2,762,900.  
 Nelson, William T. 2,753,381.  
 Nowlin, Gene. 2,749,350.  
 Nowlin, Gene. 2,775,634.  
 Oberlin, Lyman M. 2,742,598.  
 Olson, Frank W., Jr. 2,769,395.  
 Owen, Charles H., and Slover. 2,756,186.  
 Pankratz, Howard J. 2,740,418.  
 Parsons, James R., and Fluegel. 2,775,708.  
 Piety, Raymond G. 2,729,094.  
 Piety, Raymond G. 2,729,783.  
 Piety, Raymond G. 2,735,295.  
 Piety, Raymond G. 2,754,000.  
 Piety, Raymond G., and Wiley. 2,741,917.  
 Pitzer, Emory W. 2,739,996.  
 Pitzer, Emory W. 2,755,323.  
 Pollock, Lyle N. 2,732,334.  
 Posey, Robert L., and Reese. 2,745,284.  
 Post, Carl A. 2,742,406.  
 Potts, Mack F., and Hudson. 2,767,159.  
 Potts, Mack F., Hudson, and Smith. 2,775,594.  
 Prentiss, Spencer S. 2,741,085.  
 Prentiss, Spencer S. 2,758,666.  
 Prentiss, Spencer S. 2,762,219.  
 Pritchard, James E. 2,746,943.  
 Pritchard, James E. 2,769,802.  
 Pritchard, James E., and Myers. 2,751,323.  
 Province, John H. 2,730,910.  
 Province, John H. 2,773,872.  
 Quigg, Donald J. 2,750,512.  
 Quigg, Donald J., Scarth, and Stewart. 2,739,877.  
 Ransier, Robert M., and Way. 2,729,789.  
 Reed, Edwin E. 2,731,803.  
 Reed, Edwin E. 2,760,343.  
 Regier, Robert B. 2,739,035.  
 Reusser, Robert E., and Schnitzer. 2,761,864.  
 Reynolds, William B. 2,773,795.  
 Reynolds, William B. 2,774,703.  
 Rice, Robert B., and Elliott. 2,735,503.  
 Richardson, Harold M. 2,731,520.  
 Richardson, Harold M. 2,754,169.  
 Ringham, Clarence R. 2,729,388.  
 Rush, Elton E. 2,751,890.  
 Rush, Elton E. 2,753,856.  
 Rush, Elton E. 2,759,699.  
 Samuels, Sherwood C., Jr. 2,741,579.  
 Scarth, Virgil. 2,775,589.  
 Schirmer, Robert M. 2,745,251.  
 Schirmer, Robert M. 2,766,583.  
 Schulze, Walter A., and Hillery. 2,738,100.  
 Scott, Cleveland R., and Ayers. 2,771,738.  
 Scott, Cleveland R., and Mahan. 2,771,737.  
 Selim, Floyd E. 2,765,801.  
 Shelman, Cecil B. 2,772,365.  
 Shelton, Russell O. 2,754,342.  
 Shobe, Henry E. 2,767,133.  
 Shotton, James A. 2,741,397.  
 Simmons, Bill J. 2,739,392.  
 Simms, Russell K. 2,734,566.  
 Smith, Warren L., Potts, and Hudson. 2,748,131.  
 Stalder, William L., and Dale. 2,772,269.  
 Stanley, Clyde P., and Weeks. 2,762,761.  
 Stewart, John M. 2,743,287.  
 Stewart, John M. 2,744,794.  
 Stoops, Charles E., and Becker. 2,745,833.  
 Stoops, Forrest D. 2,732,414.  
 Stoops, Forrest D., and Fox. 2,758,793.  
 Tissot, Carolyn E., and Goodhue. 2,746,899.  
 Tumble, Harold M., and McReynolds. 2,761,770.  
 Tucker, Charles M., and Chapman. 2,763,635.  
 Turner, Marshall C., and Miles. 2,747,511.  
 Turner, Will J., and Cole. 2,750,007.  
 Ura-neck, Carl A., and Sonnenfeld. 2,761,853.  
 Ventrain, Lucien H., and Strunk. 2,773,920.  
 Voetelink, Gustaf A. 2,758,366.  
 Wagner, Cary R. 2,732,376.  
 Webber, Ludwig A. 2,748,180.  
 Weber, Louis J. 2,736,686.  
 Weber, Louis J. 2,755,174.  
 Weber, Louis J. 2,764,253.

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 Weedman, John A. 2,755,843.  
 Weedman, John A. 2,747,001.  
 Weedman, John A. 2,766,300.  
 Weedman, John A. 2,771,494.  
 White, Donald H. 2,766,107.  
 White, Roy L. 2,753,885.  
 Whitney, William B. 2,738,880.  
 Whitney, William B. 2,758,069.  
 Whitney, William B. 2,771,465.  
 Whitney, William B., and Axe. 2,773,038.  
 Wicklatz, John E., and Howe. 2,735,832.  
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 Wiley, Bruce F. 2,729,101.  
 Wiley, Bruce F. 2,731,826.  
 Wiley, Bruce F. 2,757,533.  
 Wiley, Bruce F., and Clark. 2,741,918.  
 Wise, William T. 2,756,258.  
 Wood, James Q. 2,735,828.  
 Word, James C., Jr. 2,774,310.  
 Worth, William G. 2,729,102.  
 Phillips, Rodney W., to Stoner Mfg. Corp. Apparatus for dispensing powdered material. 2,753,089, 7-3-56, Cl. 222-227.  
 Phillips, Roy. Brake adjustment mechanism. 2,775,321, 12-25-56, Cl. 188-196.  
 Phillips, Ruby W. : *See*—  
 Phillips, Everett D. 2,754,845.  
 Phillips, Stanley H. : *See*—  
 Farley, Walter M., Kellogg, and Phillips. 2,742,004.  
 Phillips, Stanley L., to Wedge Protectors, Inc. Thread protectors. 2,730,136, 1-10-56, Cl. 138-96.  
 Phillips, Stanley L., to Wedge Protectors, Inc. Welding ring. 2,751,933, 1-24-56, Cl. 113-111.  
 Phillips, Thomas D. Quick-setting vise clamp. 2,735,323, 2-21-56, Cl. 81-17.  
 Phillips, Vernon B., J. G. Everett, and R. P. Hoekema. Implement for dispensing frozen comestibles. 2,740,365, 4-3-56, Cl. 107-48.  
 Phillips, Violet A., and I. F. Green. Heels for footwear. 2,734,288, 2-14-56, Cl. 30-36.  
 Phillips, William, 1/4 to B. M. Phillips, 1/4 to E. H. Phillips, 1/4 to E. D. Phillips, and 1/4 to J. B. Phillips. Ophthalmic lenses. 2,743,649, 5-1-56, Cl. 88-54.  
 Phillips, William E., to Leeds and Northrup Co. Load control systems for generating units. 2,754,429, 7-10-56, Cl. 307-57.  
 Phillips, William N., to Gray Tool Co. Pressure actuated seal between concentric pipes. 2,754,136, 7-10-56, Cl. 285-106.  
 Philofsky, Harold M. : *See*—  
 Berberich, Leo J., and Philofsky. 2,763,315.  
 Lewis, Daniel W., and Philofsky. 2,739,638.  
 Philos, Nicholas : *See*—  
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 Phinney, Robert E., to Monroe Calculating Machine Co. Two-color ribbon control for listing calculators. 2,734,455, 2-14-56, Cl. 101-336.  
 Phipps, Clarence R. Heated fishing rod handle. 2,758,592, 8-14-56, Cl. 126-208.  
 Phipps, Cornelius M., and D. R. Zimmerman, to Marathon Corp. Bag and closure therefor. 2,765,974, 10-9-56, Cl. 229-62.  
 Phipps, George A., to Guest Keen & Nettlefolds (South Wales) Ltd. Shearing machines. 2,756,821, 7-31-56, Cl. 164-66.  
 Phipps, John G. Air brake safety mechanism. 2,768,712, 10-30-56, Cl. 188-106.  
 Phipps, Orville. Two-arm rotary drill bit. 2,740,612, 4-3-56, Cl. 255-61.  
 Phoenix Industries Inc. : *See*—  
 Abrams, Norman H. 2,759,656.  
 Photo Research Corp. : *See*—  
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 Schumichen, Karl. 2,766,395.  
 Phythian, Thomas E., and W. D. Lawson, to R. Hoe & Co. Inc. Inkling mechanism for printing machines. 2,731,914, 1-24-56, Cl. 101-365.  
 Pjia, Joseph S. Line holding device for fishing rods. 2,761,237, 9-4-56, Cl. 43-25.  
 Pianfetti, John A., M. Y. Eaton, and D. Williams, to Food Machinery and Chemical Corp. Hexachlorocyclohexane product. 2,759,982, 8-21-56, Cl. 260-648.  
 Planka, Max, to The Murphy Chemical Co. Ltd. Synergistic bis-(dimethylamino)-fluorophosphine oxide insecticidal compositions. 2,765,252, 10-2-56, Cl. 167-22.

- Piatt, Ralph E. Undertaking appliance for covering portions of the torso. 2,730,788, 1-17-56, Cl. 27-21.
- Piatt & Smilie Chemicals, Inc. See—  
Smilie, Winston B., and Rainey. 2,768,400.
- Piazza, Thomas E., to Continental Can Co., Inc. Container opening and filling mechanism. 2,753,764, 8-14-56, Cl. 226-59.
- Piazza, Thomas E., to Continental Can Co., Inc. Vibrator mechanism for bag filling and closing machine. 2,758,707, 8-14-56, Cl. 226-72.
- Piazza, Thomas E., to Continental Can Co., Inc. Method and apparatus for packaging merchandise in flexible containers. 2,759,648, 8-21-56, Cl. 226-61.
- Piazza, Thomas E., to Continental Can Co., Inc. Transfer mechanism. 2,760,320, 8-28-56, Cl. 53-183.
- Piazza, Thomas E., to Continental Can Co., Inc. Bagmaking. 2,771,010, 11-20-56, Cl. 93-35.
- Piazza, Thomas E., and D. C. McCluskey, to Continental Can Co., Inc. Bag making machine. 2,749,817, 6-12-56, Cl. 93-8.
- Pickard, Thomas E., and T. R. Baxter, to Continental Can Co., Inc. Method of making sterile containers. 2,773,285, 12-11-56, Cl. 18-47.5.
- Picard, John B., to The National Supply Co. Shoe for friction clutch. 2,764,271, 9-25-56, Cl. 192-113.
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- Pick, Gunter J. Coin sorting device. 2,764,990, 10-2-56, Cl. 133-3.
- Pick, Leo L. Skirt hanger. 2,753,093, 7-3-56, Cl. 223-95.
- Pickands Mather & Co. See—  
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- Pickavance, William T., to National Cooperatives, Inc. Milk line releasing apparatus. 2,775,223, 12-25-56, Cl. 119-14.07.
- Pickell, Clark A., to General Railway Signal Co. Ground detecting apparatus. 2,735,059, 2-14-56, Cl. 340-255.
- Pickell, Marion W., to Kerr-McGee Oil Industries, Inc. Composition and method for extending drying oils. 2,748,011, 5-29-56, Cl. 106-246.
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- Pickels, Edward G., and P. F. Seefeld, to Beckman Instruments, Inc. High speed driving mechanism. 2,765,665, 10-9-56, Cl. 74-206.
- Pickens, Howard A. Liquid spray means for mowing devices. 2,740,248, 4-3-56, Cl. 56-229.
- Pickens, Joseph B. Napkin packaging. 2,750,033, 6-12-56, Cl. 206-63.2.
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- Pickering, Dorothy F. See—  
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- Pickering, Harold L. See—  
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- Pickering, James T. Pick-up device. 2,737,007, 3-6-56, Cl. 56-348.
- Pickering, Joseph, to The British Xylonite Co. Ltd. Apparatus for forming joints between thermoplastic sheets. 2,730,160, 1-10-56, Cl. 154-42.
- Pickering, Lloyd B., to Pepsi-Cola Co. Valves. 2,756,961, Cl. 251-151.
- Pickett, David C. Offset door hinge. 2,739,342, 3-27-56, Cl. 16-128.
- Pickett, Roy L. Photographic ferrotyping process. 2,760,883, 8-14-56, Cl. 117-64.
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- Pickles, Joseph, to Hupp Corp. Construction of gear teeth. 2,760,331, 8-28-56, Cl. 74-458.
- Pickles, Joseph, to Ferro Stamping Co. Power operated mechanism for vehicle body ventilator windows. 2,772,877, 12-4-56, Cl. 268-120.
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- Pieper, Arthur O., to Heany Industrial Ceramic Corp. Process of making refractory material. 2,770,552, 11-13-56, Cl. 108-44.
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- Pierce, Fred J.: *See*—  
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- Pierce, Gus S.,  $\frac{3}{4}$  to B. Dohrmann, and  $\frac{1}{4}$  to L. H. Bishop. Tag, patching and punching machine. 2,752,831, 7-3-56, Cl. 93—92.
- Pierce, Harold C. Boxed produce loads and spacing units. 2,733,672, 2-7-56, Cl. 105—369.
- Pierce, Harold C. Suspension of spacers in boxed produce load. 2,760,444, 8-28-56, Cl. 105—367.
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- Pierce, John R., to Bell Telephone Laboratories, Inc. Microwave amplifier. 2,730,647, 1-10-56, Cl. 315—3.
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- Pierce, Lawrence: *See*—  
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- Pierce, Norton T.: *See*—  
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- Pierce, R. H., Mfg. Co.: *See*—  
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- Pierces, Raymond C. Brake rotor. 2,765,881, 10-9-56, Cl. 188—218.
- Pierce, Raymond C. Axle assembly. 2,769,631, 11-6-56, Cl. 267—57.1.
- Pierce, Robert B. Internal bone fixation apparatus. 2,760,488, 8-28-56, Cl. 128—92.
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- Pierce, Robert C., to National-Standard Co. Coil lifter. 2,752,191, 6-26-56, Cl. 294—93.
- Pierce, Robert G. Device for use in measuring pitch diameters of threads. 2,741,035, 4-10-56, Cl. 33—199.
- Pierce, Stanley A. Extensible and retractable coat hanger. 2,754,039, 7-10-56, Cl. 223—94.
- Pierce, Stanley W., to American Can Co. Adhesive composition. 2,752,263, 6-26-56, Cl. 100—230.
- Pierce, William C., to Warner Electric Brake & Clutch Co. Electromagnetic friction device. 2,765,878, 10-9-56, Cl. 188—164.
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- Piersall, James W. Portable drill press. 2,737,065, 3-6-56, Cl. 77—7.
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- Pierwood Plastics Ltd.: *See*—  
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- Pierz, Othmar W., W. H. Middendorf, and C. F. Evert, Jr., said Pies assor. to Aqua Survey & Instrument Co. Valve locating device. 2,775,736, 12-25-56, Cl. 324—48.
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- Pifke, Edgar A., to General Electric Co. Drawout switchgear mechanism. 2,768,294, 10-23-56, Cl. 200—50.
- Pigache, Pierre G. M. A. Dry process for the recovery of sulfur from gases. 2,747,968, 5-29-56, Cl. 23—178.
- Pigford, John D.: *See*—  
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- Pigford, John D., to Northrop Aircraft Inc. Cable slack compensator. 2,744,420, 5-8-56, Cl. 74—501.5.
- Pigg, Robert F. Method of molding tapered rods. 2,768,921, 10-30-56, Cl. 154—91.
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- Pilger, Paul J. Propulsion head for glass grinding machines. 2,745,227, 5-1-56, Cl. 51—216.
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- Pilkington, Richard. Lawn edger attachment for a lawn mower. 2,734,380, 2-14-56, Cl. 56—251.
- Pill, Max. Skiving tool. 2,735,180, 2-21-56, Cl. 30—283.
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- Pilling, Frank E., and R. Baverstock. Gas carburetor. 2,763,538, 9-18-56, Cl. 48—184.
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- Pillsbury, Mary E., and J. H. Shelley; said Pillsbury assor. to O. C. Pillsbury. Light-reflective warning signalling means for conveyances, 2,753,850, 7-10-56, Cl. 116—37.
- Pillsbury Mills, Inc.: *See*—  
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- Pinke, August H., K. H. Meeker, J. E. Oys, and R. C. Hudson, to H. D. Hudson Mfg. Co. Spraying device, 2,748,992, 6-5-56, Cl. 222—10.
- Pinkel, Isadore I., D. O. Black, G. M. Preston, and G. J. Pesman, to the United States of America as represented by the Secretary of the Navy. Crash-fire ignition source inerting system, 2,752,249, 3-6-56, Cl. 169—2.
- Pinkerton, Dale F. One man automobile cover, 2,751,977, 6-26-56, Cl. 160—368.
- Pinkerton, Harold R.,  $\frac{1}{4}$  to A. T. Ridgeway,  $\frac{1}{4}$  to E. H. O'Boyle, and  $\frac{1}{4}$  to J. W. Ballack. Pipe holding vise with increasing clamping action under torsional influence, 2,754,528, 7-17-56, Cl. 10—107.
- Pinkham, Clarence A., and B. A. Holohan, to Nelpin Mfg. Co., Inc. Razors, 2,748,469, 6-5-56, Cl. 30—68.
- Pinkos, Alfons M., N. E. Wilson, and R. W. Schroeder, to The Glenn L. Martin Co. Air intake system for an aircraft, 2,755,040, 7-17-56, Cl. 244—53.
- Pinkowski, Reinhold, to Ernst Leitz, G. m. b. H. Phase contrast microscope, 2,766,655, 10-16-56, Cl. 58—39.
- Pinkross, Berthold P., to The Singer Mfg. Co. Sewing machine feed wheel constructions, 2,755,755, 7-24-56, Cl. 112—214.
- Pinner, Walter L., and O. D. Hoxie, to Houdaille-Hershey Corp. Method of improving the uniformity of corrosion of welded nickel anodes, 2,729,580, 1-3-56, Cl. 148—13.
- Pinney, Harold E., to General Electric Co. System for remote selection of voltage level, 2,747,157, 5-22-56, Cl. 323—43.5.
- Pinney, Harold E., to General Electric Co. Parallel operation of transformers, 2,735,467, 7-3-56, Cl. 307—51.
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- Pinney, Paul O., to J. H. Kenney & Co., Inc. Dispensing apparatus for granular material, 2,771,914, 11-27-56, Cl. 141—82.
- Pino, Manuel A.: *See*—  
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- Pino, Manuel A., to California Research Corp. Oxidizing agent, 2,749,317, 6-3-56, Cl. 252—186.
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- Pinotti, Primo L., to California Research Corp. Compression ignition engine fuel system, 2,758,579, 8-14-56, Cl. 123—32.
- Pinsenschaum, Edwin C., to The Denison Engineering Co. Hydraulic apparatus for molding liners in jar closures, 2,738,946, 1-3-56, Cl. 18—20.
- Pinsker, Albert, to Apex Accessories Co., Inc. Expanding chains for wrist bands, 2,741,084, 4-10-56, Cl. 59—79.
- Pinson, Alfred, to Apex Accessories Co., Inc. Expanding chains for wrist bands, 2,759,325, 8-21-56, Cl. 59—79.
- Pintarelli, Ralph. Heating system, 2,735,622, 2-21-56, Cl. 123—32.
- Pinto, Alex V. Crib rocking device, 2,765,478, 10-9-56, Cl. 5—104.
- Pinto, Silvio. Method of printing on plastic films, 2,733,180, 1-31-56, Cl. 151—95.
- Pinto, Silvio. Extensible partitions for drawers and the like, 2,743,774, 5-1-56, Cl. 160—351.
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- Pioch, Richard P., to Eli Lilly & Co. Preparation of lysergic acid amides, 2,736,728, 2-28-56, Cl. 260—285.5.
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- Pioneer Gen-E-Motor Corp.: *See*—  
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- Pioneer Mounting & Finishing Co., Inc.: *See*—  
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- Pioneer Parachute Co., Inc.: *See*—  
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- Pioneer Toledo Corp.: *See*—  
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- Piontkowski, Genevieve A. Decorative valances, 2,763,875, 9-25-56, Cl. 5—333.
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- Pipe-Pac Tobacco Corp.: *See*—  
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- Piper, Carl F. Hydraulic ship propulsion apparatus, 2,730,065, 1-10-56, Cl. 115—14.
- Piper, Frank R., and J. M. Gardner, to West Point Mfg. Co. Method of embroidering and clipping terry cloth, 2,747,534, 5-29-56, Cl. 112—266.
- Piper, Ronald N.: *See*—  
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- Piperoux, René F., A. P. Berger, and F. P. Diemer, to Celanese Corp. of America. The Punc process for automatically locating apertures in a jet-cup, 2,730,175, 1-10-56, Cl. 164—87.
- Pipes, George R.: *See*—  
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- Pipes, George R., to Eaton Mfg. Co. Vehicle air intake structure, 2,775,184, 12-25-56, Cl. 98—2.
- Pippig, Heinz. Process for the recovery of elementary sulfur from gases containing hydrogen sulfide, 2,772,146, 1-31-56, Cl. 23—25.
- Piquerer, Ervin. Fluidtight winder for a timepiece, 2,736,164, 2-28-56, Cl. 58—90.
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- Piquerer, Ervin. Fluid-tight case for watches, 2,737,009, 3-6-56, Cl. 58—90.
- Piquerer, Ervin. Fluidtight casing for watches, 2,737,010, 3-6-56, Cl. 58—90.



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- Pirillo, Santo. Ozone producing device. 2,769,117, 10-30-56, Cl. 315-99.
- Pirkner, Ignaz, to Maschinenfabrik Andritz Actiengesellschaft. Device for retouching profiled pulleys. 2,748,642, Cl. 56, Cl. 52-87.
- Pirnie, Malcolm, to Research Corp. Treatment of sewage by bio-chemical action. Re. 24,219, 9-18-56, Cl. 210-2.
- Pirolì, Pietro: See—  
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- Pirone, Frank J., and H. K. Hamann, to Geriatric Utility Bed Corp. Invalid beds. 2,761,152, 9-4-56, Cl. 5-65.
- Piros, Robert J., Jr., to The United States of America as represented by the United States Atomic Energy Commission. Method of solubilizing and recovering metal values by means of ammonium acid sulfate. 2,767,046, 10-16-56, Cl. 25.
- Pirot, Ernst, and E. Hantelmann, to Vereinigte Glanzstoff-Fabriken A. G. Preparation of spinnable solutions of polyacrylonitrile and related polymerisates. 2,773,047, 12-4-56, Cl. 260-32.6.
- Pirrone, Anthony L. M. Cigarette holder, protecting shield and automatic lighter. 2,761,456, 9-4-56, Cl. 131-175.
- Pirson, Sylvain J., to Stanolind Oil and Gas Co. Auto-radiography of wells. 2,733,353, 1-31-56, Cl. 250-65.
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- Pirle, John C. Tower agitation system. 2,773,749, 12-11-56, Cl. 23-271.
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- Pirz, Joseph J. Combined rotisserie and broiler. 2,729,160, 1-3-56, Cl. 99-421.
- Pisanello, A.: See—  
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- Pisarra, Francis J. Device for indicating rhythmic cycle. 2,755,998, 7-24-56, Cl. 235-86.
- Pisciotta, Immacolata C. Drapery and curtain brackets. 2,765,000, 10-9-56, Cl. 248-263.
- Pisciotta, Andrew E., Jr., and S. L. Ring fastener assemblies. 2,730,105, 1-10-56, Cl. 129-8.
- Pisciotta, Salvatore L.: See—  
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- Pistey, John M., to General Electric Co. Fluorescent lamp-holder with quick-connect terminals. 2,729,799, 1-3-56, Cl. 339-52.
- Pistey, John M., to General Electric Co. Compressible lamp-holder with torsion spring contacts for double ended discharge lamps. 2,742,620, 4-17-56, Cl. 339-50.
- Pistey, John M., to General Electric Co. Compressible lamp-holders with recessed contacts for double ended discharge lamps. 2,742,621, 4-17-56, Cl. 339-50.
- Pistor, Hans J., to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Production of isobutyl alcohol. 2,753,366, 7-3-56, Cl. 260-449.
- Pistorius, Otto, and L. Weber. Heating apparatus for ores. 2,754,105, 7-10-56, Cl. 263-33.
- Pitcairn, Harold F., and H. S. Campbell, to Autogiro Co. of America. Mechanism for balancing single blade aircraft rotor. 2,742,095, 4-17-56, Cl. 170-159.1.
- Pitcher, Harlan E.: See—  
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- Pitcoff, Robert, to Epoch Products Corp. Retractable window enclosure. 2,769,491, 11-6-56, Cl. 160-23.
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- Pitt, Paul A., and M. E. Nelson, to Solar Aircraft Co. Variable nozzle and sealing means therefor for jet engine. 2,746,243, 5-23-56, Cl. 60-35.6.
- Pittinger, Abraham L. Explosion proof acoustic device. 2,756,281, 7-24-56, Cl. 179-115.5.
- Pittman, George F., Jr., R. O. Decker, and R. L. Bright, to Westinghouse Electric Corp. Pulse-shaping circuits. 2,760,088, 8-21-56, Cl. 307-106.
- Pittman, Robert R.: See—  
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- Pittman, William S.: See—  
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- Pitts, James N., Jr.: See—  
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- Pittsburgh Coke & Chemical Co.: See—  
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 Plath, Robert, to Boeing Airplane Co. Automatic partial deflating apparatus for vehicle tires. 2,737,223, 3-6-56, Cl. 152-415.  
 Platt, John B., to Chrysler Corp. High torque V-8 engines. 2,759,463, 8-21-56, Cl. 123-52.  
 Plattner, John B., and C. D. Moore, to Chrysler Corp. High output engine. 2,766,743, 10-16-56, Cl. 123-55.  
 Platson, Francis C., to Mojonner Bros. Co. Separable hinge and latch for container lid. 2,752,628, 7-3-56, Cl. 16-143.  
 Platt, J. W. & H., Ltd.: *See*—  
 Aphorpe, Alan E., and Morel. 2,731,676.  
 Platt, John G., to Flex-O-Lators, Inc. Armrest structure for furniture. 2,771,129, 11-20-56, Cl. 155-198.  
 Platt, Lavinia E. Pan handle. 2,733,947, 2-7-56, Cl. 294-34.  
 Platt, Lester B., Jr., to The Sheffield Tube Corp. Container closure. 2,750,068, 6-12-56, Cl. 220-27.  
 Platt Luggage, Inc.: *See*—  
 Platt, Paul, and Umbenhauer. 2,765,106.  
 Platt, Paul, and D. F. Umbenhauer, to Platt Luggage, Inc. Hand luggage. 2,765,106, 10-2-56, Cl. 223-71.  
 Platt, Robert G., to Century Display Mfg. Co. Article display board. 2,730,243, 1-10-56, Cl. 211-37.  
 Platt, Samuel, to United Paper Box Co. Cover for carrying a pair of upright rectangular cartons as a unit. 2,753,993, 7-10-56, Cl. 206-65.  
 Platte, William N., and W. L. Roberts, to Westinghouse Electric Corp. Resistance welding current indicating device. 2,748,880, 5-29-56, Cl. 340-253.  
 Plattner, Sybil E. Infant's overall garment. 2,735,102, 2-21-56, Cl. 2-80.  
 Platz, Elwood C., and J. Messing, to Bulldog Electric Products Co. Switches. 2,740,011, 3-27-56, Cl. 200-67.  
 Platzke, Emil. Attachment for lead pencils. 2,747,548, 5-29-56, Cl. 120-38.  
 Plauka, John W., and R. E. Parry, to Johns-Manville Corp. Calcereous matrix body coated with reaction product of an alkali metal boro-phosphate and a metal silicofluoride. 2,766,140, 10-9-56, Cl. 117-123.  
 Plax Corp.: *See*—  
 Bailey, James. 2,753,596.  
 Du Bois, John H. 2,731,590.  
 Du Bois, John H. 2,761,591.  
 Loukowsky, Serge A. 2,767,103.  
 Sprankle, Cortes N. 2,772,742.  
 Pleants, William W., to The Atlantic Refining Co. Storage tank overflow alarm. 2,742,014, 4-17-56, Cl. 116-109.  
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 Berger, Frank M., and Plechner. 2,734,847.  
 Pledger, Dennis J., and D. J. Pledger, Jr. Tiller blade and standard. 2,739,519, 3-27-56, Cl. 97-198.  
 Pledger, Dennis J., Jr.: *See*—  
 Pledger, Dennis J., and D. J. Pledger, Jr. 2,739,519.  
 Pledger, Huey, Jr.: *See*—  
 Kridiger, Donald G., and Pledger. 2,745,884.  
 Pledger, S. E.: *See*—  
 Pledger, William A. 2,746,449.



- Pledger Ventilator Co., The: *See—*  
Pledger, William A., 2,746,449.
- Pledger, William A., to S. E. Pledger, d. b. a. The Pledger Ventilator Co. Kitchen stove ventilator, 2,746,449, 5-22-56, Cl. 126—301.
- Pleisgen, Max G., and E. M. Klaus, to Betombau Gesellschaft mit beschränkter Haftung. Girder, and truss variable in length made therefrom, 2,741,343, 4-10-56, Cl. 189—37.
- Plemeng, Gordon J. Frameless plate glass door hanger, 2,754,535, 7-17-56, Cl. 16—87.
- Plescica, Otto J.: *See—*  
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- Plessey Co., Ltd. The: *See—*  
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- Pletcher, Clarence B. Tube cleaning, 2,735,122, 2-21-56, Cl. 15—104.3.
- Pletcher, Clarence B. Method of cleaning and sterilizing tubular members, 2,735,794, 2-21-56, Cl. 134—24.
- Plettner, Stuart C.: *See—*  
Perzenta, Thomas R., and Plettner, 2,773,418.
- Plewes, Arstyle C.: *See—*  
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- Pliszczak, Karl B., and B. T. Pilzak. Lock mounting for articles with pins, 2,749,588, 6-12-56, Cl. 24—104.
- Plitz, Heinrich, 2,749,588, 6-12-56, Cl. 24—104.
- Bergholtz, Willy, and Plitschka, 2,744,160.
- Plitt, Jerome E., to American Cyanamid Co. Citrus meal carrier for hygroscopic vitamins, 2,765,231, 10-2-56, Cl. 99—2.
- Plizak, Bruno T.: *See—*  
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- Ploberger, Friedrich. Roll mill for grinding liquid and paste material, 2,754,068, 7-10-56, Cl. 241—222.
- Plockelman, Emil O. Choke convertor, 2,737,825, 3-13-56, Cl. 74—301.
- Ploeger, Clyde E., to Servel, Inc. Refrigeration, 2,741,424, 10-56, Cl. 230—206.
- Plos, Otto G.: *See—*  
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- Plotkin, Joseph H., to Oshkosh Trunks and Luggage Co. Two-way handle for hat boxes, 2,745,524, 5-15-56, Cl. 190—57.
- Plotkin, Theodore. Paper stapling machine, 2,755,094, 2-21-56, Cl. 1—3.
- Plott, Robert F., to the United States of America as represented by the United States Atomic Energy Commission. Leakage testing apparatus, 2,751,780, 6-26-56, Cl. 73—49.2.
- Plucknett, William K., to the United States of America, as represented by the United States Atomic Energy Commission. Separation of hafnium and zirconium salts, 2,741,928, 4-10-56, Cl. 260—429.3.
- Plüddemann, Edwin P., to Allied Chemical & Dye Corp. Stabilization of aromatic chlorosilanes, 2,739,165, 3-20-56, Cl. 260—448.2.
- Plum, Jan, H. Sipkes, and A. G. van Steeden, to A. S. Norduco. Apparatus for crystallizing and separating slightly soluble substances from relatively large quantities of liquid, 2,733,986, 2-7-56, Cl. 23—273.
- Plumb, Donald E.: *See—*  
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- Plumb, Donald E., to Westinghouse Electric Corp. Permanent magnet rotor, 2,739,253, 3-20-56, Cl. 310—156.
- Plumb, Robert F., to Iowa Mfg. Co. of Cedar Rapids, Iowa. Mineral filler feeder, 2,758,700, 8-14-56, Cl. 198—57.
- Plummer, Arthur W.: *See—*  
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- Plummer, Charles H.: *See—*  
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- Plummer, Harry D. Hand puppet, 2,751,708, 6-26-56, Cl. 46—154.
- Plummer, Herbert L., and D. L. Irwin. Arrangement for fixing corrugated sheets in position, 2,748,727, 6-5-56, Cl. 108—33.
- Plummer, Reginald A. Manure distributor, 2,753,085, 7-3-56, Cl. 222—177.
- Plunkett, Cyril J. Frost casings for the riser pipes of elevated water tanks, 2,741,263, 4-10-56, Cl. 138—63.
- Plusquellic, Louis, to National Dairy Research Laboratories, Inc. Mold filling mechanism, 2,749,005, 6-5-56, Cl. 226—95.
- Plusquellic, Louis, to National Dairy Research Laboratories, Inc. Method and apparatus for opening and emptying paper containers, 2,772,009, 11-27-56, Cl. 214—305.
- Plymouth Cordage Co.: *See—*  
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- Plymouth Stamping Co.: *See—*  
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- Plympton, Leon W., Jr., and H. C. Jones, to New England Helicopter Service, Inc. Speed indicating device, 2,740,108, 3-27-56, Cl. 340—263.
- Pneumafil Corp.: *See—*  
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- Pneumatic Drop Hammer Co.: *See—*  
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Haygarth, Edward D., 2,738,119.  
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Knobel, Max, 2,755,057.  
Vergobbi, John G., 2,744,491.  
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- Poarch, Arthur E., and P. E. Harrison, to Avoset Co. Lever type dispenser system for pressurized containers, 2,772,819, 12-4-56, Cl. 222—394.
- Pobanz, Clifford S.: *See—*  
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- Pobanz, Wilbur T.: *See—*  
Pobanz, Clifford I. and W. T., 2,748,745.
- Pochapsky, Harry V.: *See—*  
Schaefer, Ralph A., Pochapsky, and Sedusky, 2,751,340.
- Poché, Le Roy. Pecan picker, 2,749,697, 6-12-56, Cl. 56—328.
- Pocock, Lyndall C., and A. C. Beadle, to International Standard Electric Corp. Telephone subscriber sets, 2,775,649, 12-25-56, Cl. 179—81.
- Pocrass, Bernard: *See—*  
Pocrass, Irving F., Syak, and B. Pocrass, 2,731,009.
- Pocrass, Irving F., C. W. Syak, and B. Pocrass, to The Bica Co. Portable fuel burning space heater, 2,731,009, 1-17-56, Cl. 126—85.
- Podbielniak, Walter J., ½ to W. G. Podbielniak. Centrifugal countercurrent exchange device, 2,758,783, 8-14-56, Cl. 233—15.
- Podbielniak, Walter J. and W. G., and C. M. Doyle: said Doyle assor. to W. J. and W. G. Podbielniak. Centrifugal countercurrent exchange device, 2,758,784, 8-14-56, Cl. 233—15.
- Podbielniak, Wladzia G.: *See—*  
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- Podbielniak, Walter J. and W. G., and Doyle, 2,758,784.
- Podell, Howard I. Current failure indicator, 2,774,960, 12-18-56, Cl. 3—250.
- Podgor, Joseph E. Squeezee supporting device for stencil printing machine, 2,764,084, 9-25-56, Cl. 101—126.
- Podmorski, Gustave, to Air Associates, Inc. Personal relief device, 2,745,111, 5-15-56, Cl. 4—110.
- Podolsky, Boris. Electrolytic acceleration sensing device, 2,735,949, 2-21-56, Cl. 810—2.
- Podolsky, Leon, and S. O. Dorst, to Sprague Electric Co. Electrical resistance elements, 2,730,397, 1-10-56, Cl. 201—63.
- Podzus, Emil. Apparatus for the production of finely divided materials, 2,764,360, 9-25-56, Cl. 241—34.
- Poe, Lloyd R.: *See—*  
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- Poe, Lloyd R., to C. and E. M. Hartwell, copartners d. b. a Hartwell Aviation Supply Co. Flush hinge, 2,732,582, 1-31-56, Cl. 16—179.
- Poeder, Jan. Wind operable wiper for use with a face protector, 2,737,658, 3-13-56, Cl. 2—9.
- Poelman, Armand J. J., to Etablissements R. Schneider. Breathing apparatuses, 2,751,035, 6-19-56, Cl. 183—4.8.
- Poeltl, Henry L. Work-holding clamps for gauges, 2,752,960, 7-3-56, Cl. 143—157.
- Poepping, John B.: *See—*  
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- Poeschl, Rudolf and W. Rockers, 2,731,222, 1-17-56, Cl. 248—23.
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- Poffenbarger, Helen W.: *See—*  
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- Poffenbarger, Perry S., ½ to H. W. Poffenbarger. Cabinet with warm air circulating means, 2,756,754, 7-31-56, Cl. 128—373.
- Poffenbarger, Everett: *See—*  
Odermann, Charles R., and Poffenbarger, 2,750,908.
- Poffenberger, Noland: *See—*  
Horsley, Lee H., Morello, and Poffenberger, 2,770,644.
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- Poggi, Giovanni. Double-framed windows, 2,739,355, 3-27-56, Cl. 20—53.
- Pohl, Ernest F.: *See—*  
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- Weller, James O., 2,770,286.
- Pohl, Ernst. Connecting device for bone fractures in the neighborhood of joints, 2,772,676, 12-4-56, Cl. 128—92.
- Pohl, Ernst E.: *See—*  
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- Pohl, Wadsworth E., to Technicolor Motion Picture Corp. Photographic printing with traveling mattes, 2,740,712, 4-3-56, Cl. 95—5.
- Pohl, Walter: *See—*  
Brendelin, Heinrich, and Pohl, 2,749,370.
- Pohl, Walter, to Deutsche Gold- und Silber-Scheideanstalt vormals Roessler. Process for heating up apparatus for carrying out exothermic gas reactions, 2,746,737, 5-22-56, Cl. 269—52.
- Pohl, Walter M., to Foote Bros. Gear and Machine Corp. Hydro-kinetic braking systems, 2,750,009, 6-12-56, Cl. 188—90.

- Pohl, Walter M., to Foote Bros. Gear & Machine Corp. Torque transmitting coupling. 2,754,948, 7-17-56, Cl. 192—105.
- Pohland, Albert, to USA Chemical Solvents Corp. 3-isoxazolidones, derivatives and process. 2,762,815, 9-11-56, Cl. 260—307.
- Pohland, Albert, to Eli Lilly and Co. Hydrogenating ketimino-magnesium halide intermediates with lithium aluminum hydride to produce amines. 2,772,311, 11-27-56, Cl. 260—570.
- Pohlemann, Heinz: See—
- Krakalla, Hans, and Pohlemann. 2,736,729.
- Pohmann, Robert, to USA Ultrashall A. G. Body attaching means for ultrasonic apparatus. 2,752,914, 7-3-56, Cl. 128—24.
- Poinot, William B. Cartridge projecting and retracting mechanism for ball point pens. 2,773,478, 12-11-56, Cl. 120—42.03.
- Point, Marcel: See—
- Felici, Noel, and Point. 2,756,352.
- Point, Marcel, to Societe Anonyme de Machines Electrostatiques. Electrostatic machine generating different potentials. 2,754,433, 7-10-56, Cl. 310—6.
- Pointer, Robert W., to The General Tire and Rubber Co. Deformable cushion suspension for vehicles. 2,742,301, 4-17-56, Cl. 280—104.5.
- Pointer, Robert W., to The General Tire and Rubber Co. Arm and pin for connecting a vehicle axle and frame. 2,742,302, 4-17-56, Cl. 280—124.
- Poirette Corsets, Inc.: See—
- Laguzzi, Mario. 2,762,599.
- Poirette, Paul, to Societe Industrielle d'Achats et de Constructions Somarac. Photo-electric exposure meters. 2,730,009, 1-10-56, Cl. 88—23.
- Poirier, George H., and H. J. Pelchat. Cord structure. 2,737,075, 3-6-56, Cl. 87—6.
- Poirier, Maurice. Pneumatic wheel suspension. 2,756,068, 7-24-56, Cl. 280—104.5.
- Poirier, Suzanne, and I. M. Juzenka. Elastic belt. 2,754,517, 7-17-56, Cl. 2—43.
- Poitras, Edward J. Fluid dispensing apparatus. 2,734,658, 2-14-56, Cl. 222—2.
- Pokorny, Odirich S., to Esso Research and Engineering Co. Lubricants for heavy journal bearings operating at elevated temperatures. 2,730,499, 1-10-56, Cl. 252—49.8.
- Pokorny, Odirich S., and G. A. Speer, to Esso Research and Engineering Co. Methylcetyl ketone dewaxing process. 2,740,746, 4-3-56, Cl. 196—18.
- Pokorny, Odirich S., and M. H. Farmer, to Esso Research and Engineering Co. Liquid-liquid contacting apparatus. 2,768,071, 10-23-56, Cl. 23—270.5.
- Pokorny, Stephen S. Post hole driller. 2,734,722, 2-14-56, Cl. 235—19.
- Pokorny, Stephen S. Position holder for vehicle engine speed controls. 2,763,349, 9-18-56, Cl. 192—3.
- Pokrykie, John A., to W. D. Allen Mfg. Co. Hose rack. 2,733,142, 7-3-56, Cl. 248—92.
- Polack, Joseph A.: See—
- Billosy, Julius P., Hunter, Polack, and Segura. 2,732,349.
- Billosy, Julius P., Polack, and Segura. 2,767,147.
- Polad, Thomas H., to Rust Mfg. Co. Tube enveloping plate condenser having rolled ends, and method of its construction. 2,772,077, 11-27-56, Cl. 257—266.
- Polak, Albert V. Motor mixer. 2,750,166, 6-12-56, Cl. 259—179.
- Polak, Ernest H., to Polak's Fruit Works, Inc. Process of producing indanes from para-cymene. 2,752,404, 6-26-56, Cl. 260—668.
- Polak's Fruit Works, Inc.: See—
- Fuchs, Kurt. 2,759,022.
- Polak, Ernest H. 2,752,404.
- Polance, Anthony F.: See—
- Chase, William S., and Polance. 2,742,804.
- Polard Electronics Corp.: See—
- Skwarek, Frank J. 2,774,243.
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- Bachelder, Albert J. 2,759,212.
- Bachelder, Albert J., and McCune. 2,740,714.
- Bing, Herbert A., Erlichman, and Hunter. 2,740,338.
- Bing, Herbert A., and Hunter. 2,740,340.
- Bing, Herbert A., and Lothrop. 2,740,342.
- Bishop, Donald R., Fairbank, McCune, and Pierce. 2,759,404.
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- Eloranta, Vaito K. 2,747,076.
- Fairbank, Murry N. 2,740,897.
- Fairbank, Murry N. 2,752,834.
- Fairbank, Murry N., and Shurcliff. 2,747,103.
- Govatsos, Charles. 2,768,403.
- Land, Edwin H. 2,740,343.
- Land, Edwin H. 2,740,715.
- Land, Edwin H. 2,759,825.
- Land, Edwin H. 2,765,240.
- Land, Edwin H. 2,768,664.
- Land, Edwin H., and Morse. 2,774,667.
- Land, Edwin H., and Wolff. 2,750,075.
- McCune, William J., Jr. 2,740,341.
- Rogers, Howard G. 2,774,343.
- Shurcliff, William A. 2,730,625.
- Shurcliff, William A. 2,750,515.
- Wolff, Otto E. 2,759,519.
- Polasek, Karl, and K. A. Jonsson. Alternating current generating arrangement for constant frequency. 2,747,107, 5-22-56, Cl. 307—43.
- Polay, Harvey H. Display device. 2,731,748, 1-24-56, Cl. 40—153.
- Polch, Frank J., to Norton Co. Grinding wheels. 2,769,699, 11-6-56, Cl. 51—298.
- Polcuch, Alexander F. G., to Boeing Airplane Co. Electrical conductor continuity test apparatus. 2,744,237, 5-1-56, Cl. 324—31.
- Poldervaart, Jacob L.: See—
- Van Amerongen, Gerrit J., Poldervaart, and Schreuder. 2,736,758.
- Poldervaart, Gerrit J., P. J. H. Janansen, and H. J. Gits, to Hartford National Bank and Trust Co. Circuit-arrangement for silent tuning in a frequency-modulation receiver. 2,773,182, 12-4-56, Cl. 250—27.
- Poleschuk, Nick. Pickup and amplifier apparatus. 2,773,943, 5-1-56, Cl. 324—31.
- Poleschuk, Stephen, to Youngstown Foundry & Machine Co. Extrusion press. 2,753,043, 7-3-56, Cl. 207—2.
- Polfuss, Lester W., to Gibson, Inc. Combined bridge and tail piece for stringed instruments. 2,737,842, 3-13-56, Cl. 84—209.
- Poilemus, Von D., and M. Ruegg, to General Motors Corp. Leaf spring suspension for vehicles. 2,762,445, 9-11-56, Cl. 180—73.
- Poilemus, Von D., and L. M. Forbush, to General Motors Corp. Stereoscopic display devices. 2,773,990, 12-11-56, Cl. 250—71.
- Poliansky, Alejandro. Gas compressor. 2,732,124, 1-24-56, Cl. 230—55.
- Policansky, Hyman, to Industrial Machinery Co. Ltd. Means for the production of filter tip cigarettes. 2,742,906, 4-24-56, Cl. 131—61.
- Policansky, Hyman, to Industrial Machinery Co. Ltd. Means for the production of filter-tip cigarettes. 2,742,907, 4-24-56, Cl. 131—61.
- Polich, Anthony Jr.: See—
- Talburt, Austin G., and Polich. 2,760,784.
- Polincovsky, Jack. Combination knife. 2,749,924, 6-12-56, Cl. 132—76.2.
- Pollock, Vernon G., R. L. Early, and V. J. Van Meter, to Owens-Illinois Glass Co. Glass wall-thickness gauging machine. 2,755,703, 7-24-56, Cl. 88—14.
- Polivka, John N., and G. T. Scharfenberg, to General Mills, Inc. Casing for food mixer. 2,765,676, 10-9-56, Cl. 7—606.
- Polk, Charles, to Radio Corp. of America. Wide band coaxial transmission line. 2,752,577, 6-26-56, Cl. 333—96.
- Polk, Ellsworth M. Packing seal. 2,733,969, 2-7-56, Cl. 309—25.
- Polk, Emory S. Pocket knives. 2,774,139, 12-18-56, Cl. 30—161.
- Polk, Ralph, Jr. Juice extractor. 2,750,878, 6-19-56, Cl. 100—37.
- Polk, William E. Movable toy bird. 2,729,022, 1-3-56, Cl. 124—4.
- Polk, William E. Activated toy bird. 2,741,871, 4-17-56, Cl. 46—124.
- Polk, William E. Electro-mechanical bird device. 2,770,918, 1-20-56, Cl. 46—245.
- Poll, Benjamin. Plant-carrying arm for a transplant. 2,739,548, 3-27-56, Cl. 111—8.
- Pollack, Martin. Test pencil. 2,760,921, 8-28-56, Cl. 204—1.
- Pollack, Maxwell A. Polyamino acids. 2,754,291, 7-10-56, Cl. 260—89.7.
- Pollak, Felix: See—
- July, George, Knott, and Pollak. 2,732,316.
- Pollak, Geza. Dispensing apparatus. 2,743,847, 5-1-56, Cl. 222—133.
- Pollak, Joseph, Corp.: See—
- Hasselbaum, Oscar H. 2,763,753.
- Pollan, David, J. Halahan, and F. A. Lyon, and T. F. Aronson, to Viewlex, Inc. Remote control slide projector. 2,748,653, 6-9-56, Cl. 88—27.
- Pollard, Brian W., and R. Stuart-Williams, to National Research Development Corp. Information translating apparatus. 2,757,864, 8-7-56, Cl. 235—61.6.
- Pollard, Charles E., Jr.: See—
- Brown, John F. L., and Pollard. 2,769,875.
- Pollard, Charles E., Jr., to Bell Telephone Laboratories, Inc. Means for preventing contact sticking in mercury contact switches. 2,732,459, 1-24-56, Cl. 200—112.
- Pollard, Floyd A. Metal strip can opener. 2,738,896, 3-20-56, Cl. 220—52.
- Pollard, Gerald M. Sand blasting apparatus. 2,766,557, 10-16-56, Cl. 51—8.
- Pollard, John M. Blade for rotary mower. 2,764,865, 10-2-56, Cl. 56—295.
- Pollard, Joseph W., to Nu Arc Co., Inc. Arc lamp control system. 2,754,446, 7-10-56, Cl. 314—65.
- Pollard, Leon G., G. H. Ridge, and A. Hofer, to The Western Union Telegraph Co. Stylus facsimile recorders. 2,739,029, 2-20-56, Cl. 346—24.
- Pollet, René M. A. J.: See—
- Remané, Roger. 2,746,797.
- Pollard, Thomas C., to Northrop Aircraft, Inc. Hole bore angle duplicator. 2,732,734, 1-31-56, Cl. 77—5.
- Pollitz, Harold C., to Iowa Mfg. Co. of Cedar Rapids, Iowa. Vibrating finishing machine. 2,757,588, 8-7-56, Cl. 94—48.
- Pollitz, Harold C., to Iowa Mfg. Co. of Cedar Rapids, Iowa. Screen clamping mechanism. 2,774,477, 12-18-56, Cl. 209—403.



- Pollnow, William F., to Vestal Laboratories, Inc. Flexible dispensing container supportable for bottom discharge with internally extending outlet pipe having a trap forming loop. 2,763,404, 9-18-56, Cl. 222-211.
- Pollock, Frank S., Jr., to E. I. du Pont de Nemours and Co. Yarn travel control apparatus. 2,767,828, 10-25-56, Cl. 203-320.
- Pollock, Halford P. Advertising device for motor vehicles. 2,741,047, 4-10-56, Cl. 40-123.
- Pollock, Helen: *See—*  
Rachlin, Max. 2,761,642.
- Pollock, James A.: *See—*  
Clifford, Emma D., and Pollock. 2,757,595.
- Pollock, Latham, and J. S. Appleton, to North American Aviation, Inc. Machine tool. 2,730,020, 1-10-56, Cl. 90-13.
- Pollock, Leon J. Combination guide and portable support for power saws. 2,770,265, 11-13-56, Cl. 143-6.
- Pollock, Lyle W., Phillips Petroleum Co. Removal of liquids from underground storage free of dissolved impurities. 2,732,334, 1-24-56, Cl. 202-75.
- Pollock, Mark W.: *See—*  
Goldstein, Herman B., Pollock, and Zerner. 2,756,175.
- Pollock Paper Corp.: *See—*  
Bronberg, Edward. 2,735,365.
- Pollock, William E., to Librascope, Inc. Sine-cosine mechanism. 2,746,303, 5-22-56, Cl. 74-62.
- Pollopass Patents Ltd.: *See—*  
Burg, Hans. 2,738,776.
- Polon, Victor P. Window guard. 2,762,644, 9-11-56, Cl. 232-288.
- Polson, Paul. Combination paraffin scraper and rod guide. 2,772,741, 12-4-56, Cl. 166-176.
- Polster, Norman E., to Leeds and Northrop Co. Spectrograph system with motor controlled dispersing element. 2,735,330, 9-11-56, Cl. 88-14.
- Poltorak, Emil J., to Johns-Manville Corp. Gaskets. 2,766,055, 10-9-56, Cl. 288-23.
- Poly Choke Co., Inc., The: *See—*  
White, Ezekiel F. 2,768,743.
- Polychrome Corp.: *See—*  
Halpern, Gregory, and Gambinner. 2,766,688.
- Polydoroff, Vladimir J. Antenna systems. 2,748,386, 5-29-56, Cl. 343-787.
- Polye, William R., to Bendix Aviation Corp. Thermal control device. 2,754,472, 7-10-56, Cl. 323-69.
- Polye, William R., to Bendix Aviation Corp. Method for fabricating pressure sensitive devices. 2,770,932, 11-20-56, Cl. 53-6.
- Polye, William R., and A. P. Viret, to Bendix Aviation Corp. Miniature variable resistor. 2,740,025, 3-27-56, Cl. 201-418.
- Polye, William R., and A. Viret, to Bendix Aviation Corp. Method for lighting indicating devices. 2,768,606, 10-30-56, Cl. 116-129.
- Polygram Casting Co. Ltd.: *See—*  
Jenkins, Gwynville, and Taylor. 2,751,645.
- Polykranz, Gwynville, Taylor, and Fallows. 2,755,526.
- Polykranz, William G. Hair curlers. 2,747,584, 5-29-56, Cl. 132-33.
- Polykranz, William G. Hair wavers. 2,754,831, 7-17-56, Cl. 132-39.
- Polymer Corp.: *See—*  
Davis, William J., and Koch. 2,736,057.
- Koch, Robert B., and James. 2,747,222.
- Koch, Robert B., and James. 2,747,224.
- Montross, Eugene B. 2,757,416.
- Stott, Louis L., and Hervey. 2,742,440.
- Polymer Corp. Ltd.: *See—*  
Bowell, Stephen T., Rush, and Watson. 2,734,883.
- Reilly, Park M., Carwardine, and Finlagan. 2,739,176.
- Williams, Harry L., and Davidson. 2,749,313.
- Williams, Harry L., and Fordham. 2,753,327.
- Williams, Harry L., and Fordham. 2,759,911.
- Polytechnic Institute of Brooklyn: *See—*  
Weber, Ernst, and Ebert. 2,731,603.
- Polytechnic Research and Development Co. Inc.: *See—*  
Deutsch, Sid. 2,771,548.
- Deutsch, Sid, and Finke. 2,772,355.
- Finke, Herbert A., and Deutsch. 2,752,494.
- Gaffney, Francis J., and Finke. 2,748,276.
- Polzer, John O., to A. O. Smith Corp. Belt grinding apparatus. 2,751,724, 6-26-56, Cl. 51-141.
- Polzgruber, Franz: *See—*  
Dick, Adolf, and Polzgruber. 2,769,216.
- Polzin, Edwin A.: *See—*  
Brunjten, Herman A. 2,743,663.
- Pomazal, Jesse W., and E. J. Corcoran, to Harnischfeger Corp. Magnetic core assembly. 2,762,988, 9-11-56, Cl. 334-210.
- Pomerleau, Edward. Mixer for solids and liquids. 2,746,728, 5-22-56, Cl. 259-4.
- Pomernacki, Henry, to Illinois Tool Works. Automatic gear size checking apparatus. 2,761,560, 9-4-56, Cl. 209-88.
- Pomernacki, Henry, to Illinois Tool Works. Gear testing apparatus. 2,775,041, 12-25-56, Cl. 33-179.5.
- Pomeroy, Clyde D. Well screen washer. 2,762,439, 9-11-56, Cl. 166-147.
- Pomeroy, S. H., Co., Inc.: *See—*  
Knebel, Herman C. 2,775,325.
- Pominski, Joseph, and H. L. E. Vix, to the United States of America as represented by the Secretary of Agriculture. Rice wash extraction. 2,759,956, 8-21-56, Cl. 260-412.8.
- Pompa, Dominic: *See—*  
Persico, Ralph W., and Pompa. 2,745,104.
- Pompa, Dominic, and L. Cugini, to the United States of America as represented by the Secretary of the Army. Closure for protective suit. 2,773,263, 12-11-56, Cl. 2-96.
- Pomper, Anthony W., to John Waldron Corp. Web roll replenisher. 2,775,409, 12-25-56, Cl. 242-58.
- Pomper, Anthony W., and C. J. Vaechter, to John Waldron Corp. Web cutting and sheet delivery and stacking mechanism. 2,769,495, 11-6-56, Cl. 164-68.
- Pompetti, John P., and M. B. Tatonetti, to Cybertronic Corp. of America. Photo-transistor control system. 2,765,986, 10-16-56, Cl. 256-69.
- Pomyskal, Edmund S. Method and apparatus for making artificial rain. 2,740,663, 4-3-56, Cl. 299-28.
- Pomykala, Edmund S. Separation and purification of nitrogen and other insoluble gases from flue gases. 2,740,693, 4-3-56, Cl. 23-220.
- Pon, Wing G.: *See—*  
Cravens, Richard B., Gow, Pon, and Ruby. 2,764,707.
- Ponce, Lucien G.: *See—*  
Mazur, Ferdinand J., and Ponce. 2,746,353.
- Ponce, Lucien G., to Libbey-Owens-Ford Glass Co. Mounting for rear view mirrors. 2,747,467, 5-29-56, Cl. 88-77.
- Pond, Benjamin S., to Chicago Pneumatic Tool Co. Roof bolting drill. 2,771,273, 11-20-56, Cl. 255-51.
- Ponder, Raymond E., and L. G. P. Hafner; said Ponder assor. to Quirk Machinery Co. Machine for breasting Louis heels. 2,739,324, 3-27-56, Cl. 12-123.3.
- Ponder, Walter P., to E. A. and E. A. Beckelhymer, Jr. Adjusting supporting and clamping device. 2,740,530, 4-3-56, Cl. 211-64.
- Poniatowski, Ladislaus W. Fishing bait. 2,752,718, 7-3-56, Cl. 43-26.2.
- Pons, Benjamin, to Alba Hosiery Mills, Inc. Boarding form for full-fashioned panties. 2,739,743, 3-27-56, Cl. 223-72.
- Ponsar, Yves M. Arrangement for adjusting a flow of liquid. 2,745,426, 5-15-56, Cl. 137-143.
- Ponsar, Yves M. Siphons for the regulation of the upstream level of a liquid. 2,762,202, 9-11-56, Cl. 61-18.
- Ponsell, Athalia. Handle grip for cleaning devices. 2,752,625, 3-16-56, Cl. 12-123.3.
- Pontl, Joseph V. Master cylinder pressure cartridge unit. 2,759,329, 3-27-56, Cl. 60-54.6.
- Ponticelli, Pasco. Voltage dropping resistor. 2,759,077, 8-14-56, Cl. 201-48.
- Ponting, Fred W. Conduit and tubing offset bending apparatus. 2,740,157, 1-10-56, Cl. 153-46.
- Ponting, Fred W. Lapidary template and dop-stick. 2,735,246, 2-21-56, Cl. 51-229.
- Pontius, George W., III, to Bendix Aviation Corp. Brake adjuster. 2,774,445, 12-18-56, Cl. 188-79.5.
- Pontius, Paul E.: *See—*  
Shenck, Robert H., and Pontius. 2,771,794.
- Pontius, Paul E., to J. A. Zurn Mfg. Co. Indicating means. 2,767,681, 10-23-56, Cl. 116-125.
- Pool, Charles H., to Philco Corp. Electro-chemical treatment. 2,763,608, 9-18-56, Cl. 204-143.
- Pool, Charles H., to Philco Corp. Method of depositing particles on a cathode ray tube screen structure. 2,769,733, 11-6-56, Cl. 117-211.
- Pool, Stuart D., to International Harvester Co. Ammonia metering pump. 2,747,509, 5-29-56, Cl. 103-38.
- Pool, Stuart D., and E. K. Karlsson, to International Harvester Co. Stalk pick-up device for harvesters. 2,738,638, 3-30-56, Cl. 56-119.
- Pool, Stuart D., and E. K. Karlsson, to International Harvester Co. Rotary cutting assembly with torque control for driving and positioning cutting assembly. 2,748,552, 5-5-56, Cl. 56-15.
- Pool, Stuart D., and E. K. Karlsson, to International Harvester Co. Cane harvesting machine. 2,762,491, 9-11-56, Cl. 198-102.
- Pool, William, and A. McGill, to Celanese Corp. of America. Production of textile materials. 2,737,687, 3-13-56, Cl. 19-41.
- Poole, Arthur B., to Haydon Mfg. Co., Inc. Reversible direct-current motor. 2,747,116, 5-22-56, Cl. 310-128.
- Poole, David E.: *See—*  
Lewis, Charles J., and Poole. 2,733,023.
- Poole, Forrest R., and D. M. Clark; said Poole assor. to said Clark. Brassiere and bust cup therefor. 2,760,198, 8-28-56, Cl. 2-42.
- Poole, Foster M., to C. Casey. Densimeter. 2,754,676, 7-17-56, Cl. 73-32.
- Poole, Randolph S., Jr. Low-frequency oscillator. 2,735,937, 2-21-56, Cl. 255-51.
- Poole, William D., to Bethlehem Steel Co. Treatment of tin-plate. 2,775,535, 12-25-56, Cl. 148-6.2.
- Pooley, Robert W., to United States Rubber Co. Foam from a vinyl chloride polymer, butadiene-acrylonitrile rubber and a plasticizer. 2,757,147, 7-31-56, Cl. 260-2.5.
- Pooley, Robert W., to United States Rubber Co. Shoe sole and method of making same. 2,772,196, 11-27-56, Cl. 154-106.
- Pooley, Robert W., and R. C. Kohnr, to United States Rubber Co. Practice or play ball and method of making same. 2,743,931, 5-1-56, Cl. 273-199.

- Poor & Co.: *See—*  
 Chester, Allan E. 2,730,492.  
 Chester, Allan E. 2,734,026.  
 Chester, Allan E. 2,739,980.  
 Chester, Allan E. 2,768,904.  
 Chester, Allan E., and Irwin. 2,771,411.  
 Chester, Allan E., and Irwin. 2,771,412.  
 Ruppert, Max K. 2,771,670.
- Poor, Erston R.: *See—*  
 Johnson, John E., and Poor. 2,753,248.
- Poor, Henry I. Fluid control and distributor unit. 2,741,265, 4-10-56, Cl. 137-625.11.
- Poor, John, to Van Der Horst Corp. of America. Electroplating with iron. 2,745,800, 5-15-56, Cl. 204-48.
- Poor, Johannes J.: *See—*  
 Van Doorn, Hubertus J., and Pop. 2,729,501.
- Pope, Alfred W. Control for the engine and starting circuits of a motor vehicle. 2,739,247, 3-20-56, Cl. 290-38.
- Pope, Arthur J. Trigger and seal control mechanism. 2,751,820, 6-26-56, Cl. 89-140.
- Pope, Arthur T. Collapsible leaf basket and burner for attachment to wheelbarrows. 2,768,022, 10-23-56, Cl. 296-27.
- Pope, Arthur W., Jr., to Waukesha Motor Co. Engine governor utilizing plural rate spring. 2,739,802, 3-27-56, Cl. 264-3.
- Pope, Douglas H. Apparatus for wrapping magazines. 2,747,347, 5-29-56, Cl. 53-52.
- Pope, Henry, Jr., to The Davis Co. Method of knitting and the product thereof. 2,769,957, 4-10-56, Cl. 66-4852.
- Pope, Lewis J. Elevator door bridge. 2,739,354, 3-27-56, Cl. 20-19.
- Pope, Louis A. Black-out flashlight. 2,738,415, 3-13-56, Cl. 240-10.6.
- Pope, Lyman B., and J. W. Sjostrom, to Pope Machinery Corp. Method of making an interchangeable extension arbor. 2,732,617, 1-31-56, Cl. 29-406.
- Pope Machinery Corp.: *See—*  
 Kempton, Albert E. 2,745,026.  
 Pope, Lyman B., and Sjostrom. 2,732,617.
- Pope, William P., to Paramount Textile Machinery Co. Fabric-treating cabinet. 2,767,568, 10-23-56, Cl. 68-5.
- Popino, Robert P.: *See—*  
 Skol, Herman, and Popino. 2,733,183.
- Popkin, Alexander H., to Esso Research and Engineering Co. Combustion test. 2,761,766, 9-4-56, Cl. 23-230.
- Popkin, Alexander H., to Esso Research and Engineering Co. Pour deaerant-detergent additive combination. 2,762,774, 9-11-56, Cl. 252-42.7.
- Popovac, Daniel O.: *See—*  
 Luntz, Horace E., and Popovac. 2,768,199.
- Popp, Charles L. Method for closing and preventing leaks in gas mains. 2,758,917, 8-14-56, Cl. 48-194.
- Popp, Joseph A. Harvesting container. 2,764,328, 9-25-56, Cl. 224-28.
- Popp, Michael B. Electrical switching apparatus. 2,768,234, 10-23-56, Cl. 179-1.
- Popp, Rudolph, to McGill Mfg. Co., Inc. Electric switch and socket. 2,769,871, 11-6-56, Cl. 200-51.06.
- Popp, Rudolph, to McGill Mfg. Co., Inc. Electrical receptacles. 2,769,898, 11-6-56, Cl. 240-81.
- Poppe, George W., to Equitable Paper Bag Co., Inc. Latch formed by superimposed sheets. 2,756,923, 7-31-56, Cl. 224-77.
- Porath, Joseph A.: *See—*  
 Eaton, William J., and Porath. 2,762,585.
- Porem, Antonio M., to P. Santos Gil & Cia Limitada. Nut husking machine having small diameter opposed cutter discs. 2,764,198, 9-25-56, Cl. 146-10.
- Portland, Kjeld. Electric switch with tilting movement. 2,740,857, 4-3-56, Cl. 200-67.
- Porret, Daniel, to Ciba Ltd. Method of purifying a cuprous salt catalyst in the synthesis of acrylonitrile. 2,763,676, 9-18-56, Cl. 260-465.3.
- Porsche, Ferdinand A. E.: *See—*  
 Reimspies, Franz X., and Porsche. 2,730,375.
- Porsche, Ferdinand A. E., to Dr. Ing. h. c. F. Porsche K.-G. Door handle lifting fixture for automotive vehicles. 2,760,050, 8-21-56, Cl. 240-2.13.
- Porsche, Ferdinand A. E., and R. Binder, to Dr. Ing. h. c. F. Porsche K.-G. Internal-combustion engine auxiliary shafts for driving auxiliary engine units. 2,731,008, 1-17-56, Cl. 123-195.
- Porsche, Ferdinand A. E., and E. Fuhrmann, to Dr. Ing. h. c. F. Porsche K.-G. Cam shaft drives for the valve gear of multibank internal combustion engines. 2,749,893, 6-12-56, Cl. 123-90.
- Porsche, Ferdinand A. E., and E. Fuhrmann, to Dr. Ing. h. c. F. Porsche K.-G. Independent wheel suspensions for power driven vehicles. 2,756,067, 7-24-56, Cl. 280-96.2.
- Porsche, Ferdinand A. E., and R. Binder, to Dr. Ing. h. c. F. Porsche K.-G. V-type internal combustion engine and intake manifold therefor. 2,771,863, 11-27-56, Cl. 123-52.
- Porsche, Jules D., J. B. Lesh, and M. D. Grossnickle, to Armour and Co. Recovery of serum albumin. 2,765,299, 10-2-56, Cl. 260-122.
- Port, William S.: *See—*  
 Swern, Daniel, and Port. 2,756,222.
- Portable Balers Ltd.: *See—*  
 Wilson, Robert A., and Barlow. 2,757,603.
- Portable Electric Tools, Inc.: *See—*  
 Davis, Robert K., and Dudek. 2,759,507.  
 Lindee, Carl F., Jr. 2,733,737.  
 Lindee, Carl F., Jr. 2,733,741.  
 McCabe, Joseph A. 2,730,653.  
 Wilber, Evan W. 2,759,665.
- Portable Industries, Inc.: *See—*  
 Kopf, Rowland J., and Marsh. 2,770,194.  
 Kopf, Rowland J., and Marsh. 2,771,696.  
 Pfaff, Elmer F., and Kopf. 2,767,398.  
 Williams, Jesse E., and De Caro. 2,761,348.
- Portasillo Ltd.: *See—*  
 Shepherd, Donald W. 2,749,076.
- Porte, Eugene F. Volumetric rotary machine operating in a continuous stream of fluid. 2,734,461, 2-14-56, Cl. 103-12.
- Portell, James V. Hair curler. 2,769,449, 11-6-56, Cl. 132-42.
- Porter, Allan W. H.: *See—*  
 Garner, Stanley, Banks, and Porter. 2,741,107.  
 Robertson, Andrew, and Porter. 2,738,565.
- Porter, Allan W. H., to F. N. F. Ltd. Knitting machine. 2,733,583, 2-7-56, Cl. 66-86.
- Porter, Arthur C. Ledger and statement collating means. 2,747,895, 5-29-56, Cl. 281-1.
- Porter, Burnie.: *See—*  
 Dow, Willard M., and Porter. 2,755,851.
- Porter-Cable Machine Co., The.: *See—*  
 Bruck, John P. 2,737,984.  
 Emmons, Arthur N. 2,774,198.  
 Emmons, Arthur N. 2,774,199.  
 Emmons, Arthur N. 2,774,399.  
 Emmons, Arthur N., and Papworth. 2,751,942.  
 Fredrick, Lars. 2,742,428.  
 Hartmann, Eric. 2,764,191.  
 Hartmann, Eric. 2,774,292.  
 Hartmann, Eric, and Papworth. 2,765,824.
- Porter, Charles A., and M. E. Marks, to The Pure Oil Co. Method of conducting treatment of petroleum products. 2,753,292, 7-3-56, Cl. 196-32.
- Porter, Clarence M., and W. H. Rearview mirror assembly for automotive vehicles. 2,737,852, 3-13-56, Cl. 88-98.
- Porter, Clemmon.: *See—*  
 Gooding, William M., Melucci, and Porter. 2,757,102.
- Porter, Clinton D., to The Miner Rubber Co. Ltd. Manufacture of footwear. 2,772,489, 12-4-56, Cl. 36-72.
- Porter, Donald C.: *See—*  
 Seibert, George B., and Porter. 2,752,730.
- Porter, Donald C., to Dubi Des Engineering Corp. Heat transfer unit. 2,743,347, 4-24-56, Cl. 219-19.
- Porter, Ernest A., to Bonton Electronics Corp. Probe for grid dip meters. 2,736,807, 2-28-56, Cl. 250-36.
- Porter, Ernest A., to Bonton Electronics Corp. Wreath making machine. 2,767,499, 10-23-56, Cl. 41-3.
- Porter, Firmin D.: *See—*  
 Blackmon, Truett M., and Porter. 2,759,356.  
 Ward, George C., Porter, and Seymour. 2,741,533.
- Porter, Frederick W. B., to The British Petroleum Co. Ltd. Hydro-deasulphurisation of cracked petroleum naphtha and straight run naphtha. 2,749,283, 6-5-56, Cl. 196-28.
- Porter, Frederick W. B., and R. P. Northcott, to The British Petroleum Co. Ltd. Removal of vanadium and/or sodium from petroleum and petroleum products with titania on alumina and hydrofining. 2,730,487, 1-10-56, Cl. 196-24.
- Porter, Frederick W. B., and A. H. Richardson, to The British Petroleum Co. Ltd. Catalytic desulphurisation of petroleum hydrocarbons. 2,749,282, 6-5-56, Cl. 196-28.
- Porter, Frederick W. B., and R. P. Northcott, to The British Petroleum Co. Ltd. Treatment of petroleum residues to obtain increased yield of gas oil improved diesel index. 2,752,287, 6-26-56, Cl. 196-24.
- Porter, Frederick W. B., and J. W. Hyde, to The British Petroleum Co. Ltd. Treatment of crude petroleum. 2,755,225, 7-17-56, Cl. 196-24.
- Porter, Frederick W. B., and R. P. Northcott, to The British Petroleum Co. Ltd. Stripping hydrocarbon sulphide from hydrofined petroleum hydrocarbons with an inert gas. 2,767,127, 7-17-56, Cl. 196-40.
- Porter, Frederick W. B., and J. W. Hyde, to The British Petroleum Co. Ltd. Removal of vanadium and/or sodium from petroleum by hydrogenation in the presence of bauxite. 2,758,650, 8-7-56, Cl. 196-35.
- Porter, Frederick W. B., and R. P. Northcott, to The British Petroleum Co. Ltd. Removal of vanadium and/or sodium from petroleum and petroleum products with alumina and iron oxide. 2,764,525, 9-25-56, Cl. 196-24.
- Porter, Frederick W. B., and R. P. Northcott, to The British Petroleum Co. Ltd. Removal of vanadium and/or sodium from petroleum and petroleum products with fuller's earth. 2,766,183, 10-9-56, Cl. 196-35.
- Porter, Frederick W. B., and R. P. Northcott, to The British Petroleum Co. Ltd. Process for the recovery of vanadium from carbon- and vanadium-contaminated catalysts. 2,769,687, 11-6-56, Cl. 21-140.
- Porter, Frederick W. B., and J. N. Haresnape, to The British Petroleum Co. Ltd. Hydrodesulfurizing petroleum with desulphurization catalysts on calcined trihydrate bauxite. 2,769,755, 11-6-56, Cl. 196-28.
- Porter, Frederick W. B., and J. S. Isitt, to The British Petroleum Co. Ltd. Hydrodesulfurizing crude petroleum with a desulfurizing catalyst on trihydrate bauxite. 2,769,756, 11-6-56, Cl. 196-28.



- Porter, Frederick W. B., and J. S. Isitt, to The British Petroleum Co. Ltd. Removal of sodium and vanadium from petroleum hydrocarbons followed by catalytic desulphurisation of said petroleum hydrocarbons. 2,769,758, 11-6-56, Cl. 196-28.
- Porter, Frederick W. B., and J. W. Hyde, to The British Petroleum Co. Ltd. Catalytic desulphurisation of motor fuels containing benzole. 2,771,400, 11-20-56, Cl. 196-28.
- Porter, George F.: *See—*
- Hawkswell, John S., and Porter, 2,743,128.
- Porter, George K. Apparatus for shaping glass tubes. 2,754,626, 7-17-56, Cl. 49-7.
- Porter, George S., and E. N. Corby, to American Viscose Corp. Replaceable thread guide. 2,768,799, 10-30-56, Cl. 242-157.
- Porter, Gilbert E. Assister unit for hydraulic brake systems. 2,770,948, 11-20-56, Cl. 60-54.5.
- Porter, H. K., Co., Inc. of Pittsburgh: *See—*
- Dorman, Elwood H., 2,766,577.
- Porter, H. K., Inc.: *See—*
- Ferguson, Robert N., 2,748,637.
- Porter, Harrison T. Ice fishing apparatus. 2,752,716, 7-3-56, Cl. 43-16.
- Porter, Henry: *See—*
- Streefer-Amet Co. Motion weighing apparatus. 2,764,399, 9-25-56, Cl. 265-5.
- Porter, Henry L. Drill pipe finger. 2,738,076, 3-13-56, Cl. 211-60.
- Porter, Herbert C., to General Motors Corp. Damper winding for D. C. motor. 2,768,317, 10-23-56, Cl. 310-183.
- Porter, Ian S. Looms for weaving. 2,750,965, 6-19-56, Cl. 139-42.
- Porter, James T. Adjustable sprinkler. 2,763,512, 9-18-56, Cl. 299-69.
- Porter, John N., G. C. Krupka, and N. Bohonos, to American Cyanamid Co. Paromycin and preparation of same. 2,763,642, 9-18-56, Cl. 260-211.5.
- Porter, John R.: *See—*
- Newcomb, Charles E., Porter, and Darby. 2,733,912.
- Newcomb, Charles E., Porter, Darby, and Vordahl. 2,762,856.
- Porter, John S. Sampling tube with drain valve. 2,751,787, 6-26-56, Cl. 73-425.4.
- Porter, Lee M.: *See—*
- Rust, Frederick F., and Porter. 2,755,322.
- Porter, Lee M., and F. F. Rust, to Shell Development Co. Preparation of diallylic compounds. 2,730,559, 1-10-56, Cl. 260-680.
- Porter, Leo F. Rotary-turbine-explosion type engine. 2,742,882, 4-24-56, Cl. 123-13.
- Porter, Louis S. Ophthalmic devices. 2,735,338, 2-21-56, Cl. 84-52.
- Porter, Omar J., and R. S. McKesson, said McKesson to said Porter. Oscillating wheel and axle assembly. 2,740,337, 4-3-56, Cl. 94-50.
- Porter, Ralph B.: *See—*
- Francis, Charles B., and Porter. 2,749,609.
- Porter, Reese W. Tool for positioning matched planking. 2,743,902, 5-1-56, Cl. 254-15.
- Porter, Rotheus B., Jr.: *See—*
- Pullman, Joseph C., and Porter. 2,758,032.
- Porter, Rotheus B., Jr., to American Cyanamid Co. Method of making a wax and clay dispersion. 2,764,499, 9-25-56, Cl. 27-22.
- Porter, Spiers (Leicester) Ltd.: *See—*
- Boynton, Thomas E., and Turnbull. 2,745,309.
- Porter, Wellington W. Pickup with belt stripping means. 2,729,049, 1-3-56, Cl. 56-364.
- Porter, William C., and W. E. Ramsey, to the United States of America as represented by the Secretary of the Navy. Geiger-Müller counter circuits. 2,764,695, 9-25-56, Cl. 250-83.6.
- Porter, William H.: *See—*
- Porter, Clarence M., and W. H. 2,737,852.
- Porter, William H. Balanced well pump. 2,744,468, 5-8-56, Cl. 103-183.
- Porter, William L.: *See—*
- Nagshi, Joseph, Willits, Porter, and White. 2,760,870.
- Porter, William M. Grave markers. 2,774,162, 12-18-56, Cl. 40-124.5.
- Porter, Wm. S. M., and E. E. Smith, to Brite-Lite Corp. of America. Electric control mechanism. 2,744,172, 5-1-56, Cl. 200-46.
- Porterfield, Cecil P., to The Method X Co. Apparatus for electrically eroding materials. 2,730,602, 1-10-56, Cl. 2-25.
- Porterfield, Jack N. Collapsible tube transfer mechanism. 2,770,347, 11-13-56, Cl. 198-25.
- Porterfield, John M., Jr., and W. P. Orchard cultivator. 2,756,654, 7-31-56, Cl. 97-40.
- Porterfield, Wendell P.: *See—*
- Forerfield, John M., Jr., and W. P. 2,756,654.
- Portl, Carl J. Variable action bait. 2,731,757, 1-24-56, Cl. 43-42.52.
- Portias, Socrates G. Shirt collar stay. 2,744,255, 5-8-56, Cl. 2-132.
- Portland Machine Tool Works Inc.: *See—*
- Bentley, Arthur. 2,767,620.
- Porwancher, Samuel R., and D. Weissman, to Drying Systems, Inc. Smoke generator. 2,732,837, 1-31-56, Cl. 126-59.5.
- Porzellanfabrik Weiden Gebrüder Bauscher, Ziegelniederlassung der Lorenz Hutschenreuther Aktiengesellschaft in Selb: *See—*
- Achtziger, Christoph. 2,770,956.
- Posch, Oskar: *See—*
- Fuchs, Richard, and Posch. 2,758,471.
- Poschel, Alfred B., to The Meyercoord Co. Apparatus for coating printing cylinders. 2,766,719, 10-16-56, Cl. 118-53.
- Possey, Robert L., and H. E. Reese, to Phillips Petroleum Co. Pycnometer for volatile liquids. 2,746,284, 5-22-56, Cl. 73-82.
- Posn—
- William T.: *See—*
- Macemon, Herbert J., and Posey. 2,769,876.
- Posin, Daniel Q., to the United States of America as represented by the Secretary of the Navy. Tuning element for a cavity resonator. 2,761,106, 8-28-56, Cl. 333-83.
- Pospie, Thaddeus J. Carrying case for arrows. 2,734,790, 2-14-56, Cl. 312-352.
- Poss, Wilfred A. Universally adjustable double drilling and forming machine. 2,764,192, 9-25-56, Cl. 144-112.
- Posschl, John H., Jr.: *See—*
- Conroy, John F., Lewis, and Posschl. 2,753,189.
- Post, Benjamin G., to Shell Development Co. Process for the preparation of paraffin wax products. 2,761,814, 9-4-56, Cl. 196-17.
- Post, Carl A., to Phillips Petroleum Co. Method of compensating for uneven coke deposition in the catalyst bed in a hydrocracking process. 2,742,406, 4-17-56, Cl. 196-53.
- Post, Carl B., and W. S. Eberly, to The Carpenter Steel Co. Glass sealing alloy. 2,730,443, 1-10-56, Cl. 75-123.
- Post, Daniel H. Portable walker, car seat and high chair combination. 2,731,072, 1-17-56, Cl. 155-38.
- Post Glover Electric Co., The: *See—*
- Vinget, Paul V. 2,770,916.
- Post, Louis, to Flexigrip, Inc. Actuator for zippers and pouch embodying the same. 2,772,712, 12-4-56, Cl. 150-3.
- Post Machinery Co.: *See—*
- Pergami, Walter P. 2,733,643.
- Wisen, Henry F. 2,765,714.
- Postal, Robert: *See—*
- Kelly, Frederick G., and Postal. 2,740,874.
- Postal, Robert H., to Thomas A. Edison, Inc. Resistance type fire detector cable. 2,764,659, 9-25-56, Cl. 201-63.
- Postel, Charles E., and M. W. to H. F. Miller, d. b. a. Stenotopy, California. Transcription boxes. 2,732,828, 1-31-56, Cl. 120-29.
- Postel, Kenneth L., and E. L. Shaw, to Vickers Inc. Power transmission. 2,741,989, 4-17-56, Cl. 103-38.
- Postel, Kenneth L., and W. S. Bobier, Jr., to Vickers Inc. Power transmission. 2,768,636, 10-30-56, Cl. 137-51.
- Postel, Marion W.: *See—*
- Postel, Charles E., and M. W. 2,732,828.
- Posten, David J.: *See—*
- Feild, Theophilus A., Jr., Duggan, and Posten. 2,761,515.
- Poster Products, Inc.: *See—*
- Engert, Caspar F. 2,765,998.
- Posthauer, Vincent P., Sr. Adjustable pitch for leveling instruments. 2,743,528, 5-1-56, Cl. 33-207.
- Posting Equipment Corp.: *See—*
- Lear, Joseph D. 2,733,718.
- Lear, Joseph D. 2,733,719.
- Postlewaite, William R., to California Research Corp. In-jector. 2,758,754, 8-14-56, Cl. 222-155.
- Potash Co. of America: *See—*
- Douglass, Emory W., and Dunn. 2,771,853.
- Portt, John G., and Hawes. 2,757,107.
- Schoed, Edmund A., and Eghom. 2,734,002.
- Schoed, Edmund A., Fritschy, and Nelson. 2,757,796.
- Potasse & Engrais Chimiques: *See—*
- Andrés, Louis E., and Berquin. 2,769,703.
- Andrés, Louis E., and Pagny. 2,739,054.
- Potdevin Machine Co.: *See—*
- Bechle, Rudolph P. 2,731,890.
- Potente, James V. Hair cutting device. 2,765,797, 10-9-56, Cl. 132-45.
- Pott, Leslie. Thermal control fuses. 2,772,333, 11-27-56, Cl. 200-117.
- Potter & Brumfield: *See—*
- Romer, Jan A. 2,744,978.
- Potter, Donald A., and H. A. Geisler, to Stewart-Warner Corp. Purging gas generator. 2,759,802, 8-21-56, Cl. 23-281.
- Potter, Joseph V., to Esso Research and Engineering Co. Chemical process. 2,741,654, 4-10-56, Cl. 260-139.
- Potter, Frederick M., to Bendix Aviation Corp. Current regulator. 2,746,005, 5-15-56, Cl. 322-27.
- Potter, Frederick M., to Bendix Aviation Corp. Ball bearing retaining means. 2,762,686, 9-11-56, Cl. 308-184.
- Potter, Frederick M., to Bendix Aviation Corp. Three point support brush holder design. 2,769,107, 10-30-56, Cl. 310-239.
- Potter-Horn, Inc.: *See—*
- Horn, Frank W., and Hiller. 2,762,406.
- Pott, Howell L., to The Fafnir Bearing Co. Bearing lubricant means. 2,731,310, 1-17-56, Cl. 308-187.
- Potter, Howell L., to The Fafnir Bearing Co. Bearing. 2,740,676, 4-3-56, Cl. 308-236.
- Potter Instrument Co., Inc.: *See—*
- Dumey, Arnold I. 2,757,605.
- Potter, James L., to Bell Telephone Laboratories, Inc. Electromagnetic apparatus. 2,747,159, 5-22-56, Cl. 323-92.
- Potter, Kenneth F., to American Hoist & Derrick Co. Laterally adjustable treads for crawler cranes. 2,763,330, 9-18-56, Cl. 180-41.
- Potter, Kenneth G., to Northrop Aircraft, Inc. Trigonometry function calculator. 2,736,491, 2-28-56, Cl. 235-61.

- Potter, Kenneth P., and G. R. Stutzman. Multiple temperature control device. 2,770,420, 11-13-56, Cl. 236-15.
- Potter, Lee R. Method for making two piece rod end. 2,728,975, 1-3-56, Cl. 249-14.5.
- Potter, Leon M., and W. M. Willett, to James Mfg. Co. Feed trough and distributing system. 2,742,138, 4-17-56, Cl. 198-78.
- Potter, Marion G., to Westinghouse Electric Corp. Vertical dynamo-electric machine. 2,743,885, 4-24-56, Cl. 310-157.
- Porter, Ralph B. Inflatable streamlining apparatus for vehicle bodies. 2,737,411, 3-6-56, Cl. 290-1.
- Porter, Ralph B. Pressure juice extractor. 2,766,792, 10-16-56, Cl. 146-3.
- Porter, Ralph B. Closure mechanism. 2,766,822, 10-16-56, Cl. 160-201.
- Porter, Raymond L., and H. F. Hostetler, to The Standard Oil Co. Internal combustion engine misfire analysis. 2,766,616, 10-16-56, Cl. 73-116.
- Potter, Rodney K., to United States Steel Corp. Axle and method of making the same. 2,736,673, 2-28-56, Cl. 148-12.
- Potter, Stewart H., and J. M. Nuding, to North American Aviation, Inc. Automatic electric welder. 2,761,956, 9-4-56, Cl. 219-130.
- Potter, Thomas W., to Journal Box Servicing Corp. Means for preparing and proportionally adding new waste to reclaimed journal box waste. 2,748,584, 6-5-56, Cl. 68-1.
- Potter, Whitney W.: See—  
Herbert, Earl. 2,731,598.
- Potter, Wilfred C., to Wagner Electric Corp. Portable dielectric tester. 2,757,334, 7-31-56, Cl. 324-30.
- Potthoff, Kurt T., and J. Elmstedt, to U. S. Galvanizing & Plating Equipment Corp. Apparatus for handling pipe and similar articles. 2,763,058, 7-3-56, Cl. 214-130.
- Potter, Ralph P., and American Can Co. Container with improved attachable ball ear. 2,747,765, 5-29-56, Cl. 220-91.
- Pottmeyer, Edward W., to Blaw-Knox Co. Valve assembly for metallurgical furnaces or the like. 2,767,738, 10-23-56, Cl. 137-625.44.
- Potts, Bobby C.: See—  
Gunkler, Albert A., Lake, and Potts. 2,746,999.
- Potts, Charles R. Fence and fence post structure. 2,744,729, 5-8-56, Cl. 256-59.
- Potts, Ernest H., to Guy Atkinson Co. Adjustable shear type coupling. 2,748,788, 6-5-56, Cl. 64-28.
- Potts, Ernest L., to C. C. Brown. Releasable coupling devices. 2,736,384, 2-28-56, Cl. 166-220.
- Potts, Ernest L., to C. C. Brown. Hydraulic motors for pump apparatus. 2,762,343, 9-11-56, Cl. 121-164.
- Potts, Helen V.: See—  
Potts, Thomas A., and H. V. 2,745,118.
- Potts, John T., to The Galigher Co. Impeller-stator combination for flotation machines. 2,767,964, 10-23-56, Cl. 261-57.
- Potts, Mack F.: See—  
Hudson, Paul S., Potts, and Smith. 2,773,874.  
Mahan, John E., and Potts. 2,732,377.
- Smith, Warren L., Potts, and Hudson. 2,748,131.
- Potts, Mack F., and American Can Co. Catalysts for the polymerization of polymerizable heterocyclic nitrogen compounds. 2,767,159, 10-16-56, Cl. 260-88.3.
- Potts, Mack F., P. S. Hudson, and W. L. Smith, to Phillips Petroleum Co. Stabilization of polymerizable heterocyclic nitrogen compounds. 2,775,594, 12-25-56, Cl. 260-283.
- Potts, Robert W., 25% to T. Weiner and J. H. Snowden. Sanitary closet. 2,732,564, 1-31-56, Cl. 4-131.
- Potts, Thomas A., and H. V. Potts; H. V. Potts, executrix of T. A. Potts, deceased. Catamaran. 2,745,118, 5-15-56, Cl. 9-2.
- Potvin, Raoul, to Joy Mfg. Co. Coal mining apparatus with relatively movable cutter bars. 2,735,667, 2-21-56, Cl. 262-29.
- Porzin, Richard J. Method of making moccasin shoes. 2,757,396, 8-7-56, Cl. 12-142.
- Pouderies Reunis de Belgique: See—  
Diels, Albert, and Orth. 2,761,768.
- Powell, Harry E., to Pouell Mfg. Co. Vehicle coil spring tension ring. 2,754,112, 7-10-56, Cl. 267-60.
- Pouell Mfg. Co.: See—  
Powell, Harry E. 2,754,112.
- Poulan Mfg. Corp.: See—  
Garrett, Ernest D. 2,739,581.
- Pouliart, Willy, to International Standard Electric Corp. Impulse register-translator arrangement. 2,749,540, 6-5-56, Cl. 340-347.
- Poulot, Paul: See—  
Fortin, Charles A. 2,747,571.
- Poulos, Harry, to The Denison Engineering Co. Axial piston pumps. 2,733,666, 2-7-56, Cl. 103-162.
- Poulston, Bernard V., and E. R. Shepherd, to Shell Development Co. Combustion apparatus with toroidal eddy flame stabilizer. 2,765,621, 10-9-56, Cl. 60-39.72.
- Poulter, John W., to Koehring Co. Carbody. 2,739,716, 3-27-56, Cl. 212-69.
- Poundstone, William N., to Pittsburgh Consolidation Coal Co. Spring biased safety valve with spring bias relieving means. 2,742,054, 4-17-56, Cl. 137-522.
- Poundstone, William N., to Pittsburgh Consolidation Coal Co. Spoiled ribbon supported extensible belt conveyor. 2,774,602, 12-18-56, Cl. 198-139.
- Poundstone, William W., to Pittsburgh Plate Glass Co. Method of forming fused bifocal lens blanks. 2,734,315, 2-14-56, Cl. 49-82.1.
- Poupitch, Ouglesja J., to Illinois Tool Works. Hub cap clip. 2,730,780, 1-17-56, Cl. 24-73.
- Poupitch, Ouglesja J., to Illinois Tool Works. Scrap eliminating lock washer having biting teeth. 2,731,057, 1-17-56, Cl. 151-35.
- Poupitch, Ouglesja J., to Illinois Tool Works. Lock washer with biting teeth. 2,735,470, 2-21-56, Cl. 151-37.
- Poupitch, Ouglesja J., to Illinois Tool Works. Thread cutting screw. 2,738,698, 3-20-56, Cl. 85-47.
- Poupitch, Ouglesja J., to L. O. Holmberg. Can carrier device. 2,740,657, 4-3-56, Cl. 294-87.2.
- Poupitch, Ouglesja J., to Illinois Tool Works. Method of making preassembled washers and rotary fasteners. 2,746,065, 5-22-56, Cl. 10-386.
- Poupitch, Ouglesja J., to Illinois Tool Works. Screw and washer assembly. 2,746,506, 5-22-56, Cl. 151-37.
- Poupitch, Ouglesja J., to Illinois Tool Works. Sheet material clip. 2,748,840, 6-5-56, Cl. 155-184.
- Poupitch, Ouglesja J., to Illinois Tool Works. Cam actuated biting tooth nut locking means. 2,754,872, 7-17-56, Cl. 151-37.
- Poupitch, Ouglesja J., to Illinois Tool Works. Fastener comprising a threaded receptacle, co-operating threaded stud and spring detent locking means thereon. 2,758,625, 8-7-56, Cl. 151-37.
- Poupitch, Ouglesja J., to Illinois Tool Works. Headed screw fastener and resilient sheet metal retainer therefor. 2,760,540, 8-28-56, Cl. 151-41.75.
- Poupitch, Ouglesja J., to Illinois Tool Works. Helical split lock washer comprising interconnected helical flange means. 2,765,834, 10-9-56, Cl. 151-37.
- Poupitch, Ouglesja J., to Illinois Tool Works. Resilient splitting lock washer having substantially U-shaped cross section. 2,766,799, 10-16-56, Cl. 151-37.
- Poupitch, Ouglesja J., to Illinois Tool Works. Lock washer with unequally projecting teeth. 2,770,277, 11-13-56, Cl. 151-35.
- Poux, Noel J., to Talon, Inc. Combination lock slider. 2,741,414, 10-15-56, Cl. 70-58.
- Powder Power Tool Co.: See—  
Broughton, Sidney H., and Erickson. 2,773,259.  
Phillips, Daniel T., and Erickson. 2,740,965.  
Webber, Charles R., and Erickson. 2,760,401.
- Powell, Alfred A. Eye exercising device. 2,735,423, 2-21-56, Cl. 128-16.7.
- Powell, Burnet J., to Houdaille Industries, Inc. Hand brake pull rod assembly. 2,751,795, 6-26-56, Cl. 74-503.
- Powell, Carroll F.: See—  
Campbell, Ivor E., Gosner, and Powell. 2,771,666.
- Powell, Charles L. Dirigible wheel suspension means. 2,767,988, 10-23-56, Cl. 250-96.2.
- Powell, Charles S., Jr. Electronic coupling to parallel vacuum tubes. 2,760,010, 8-21-56, Cl. 179-171.
- Powell, Donald A. Track structure for track-laying vehicles. 2,735,728, 2-21-56, Cl. 305-10.
- Powell, Edward R.: See—  
Hahn, William P., and Powell. 2,756,158.
- Pow, Ernest F.: See—  
Morton, Geoffrey F., Chittieburgh, and Powell. 2,750,792.
- Powell, George W., to Pangborn Corp. Centrifugal blasting apparatus. 2,732,666, 1-31-56, Cl. 51-9.
- Powell, Gordon F. W.: See—  
Molins, Desmond W., and Powell. 2,737,186.
- Powell, Gordon F. W., to Molins Machine Co. Ltd. Devices for fixing cigarette rods. 2,757,675, 8-7-56, Cl. 131-80.
- Powell, Harry. Billfold. 2,746,504, 5-22-56, Cl. 150-38.
- Powell, Horace M., to Eli Lilly and Co. Rabies vaccine production. 2,773,800, 12-18-56, Cl. 167-78.
- Powell, Paul R., to Western Electric Co., Inc. Apparatus for removing jacket sections from jacketed articles. 2,743,633, 5-1-56, Cl. 81-9.51.
- Powell, Paul R. Floor drain. 2,770,314, 11-13-56, Cl. 182-14.
- Powell, Paul R. Drain with valved trap. 2,770,315, 11-13-56, Cl. 182-15.
- Powell Pressed Steel Co.: See—  
Johnson, Richard C. 2,762,529.
- Powell, Raymond E., to Western Electric Co., Inc. Electric welder. 2,756,308, 7-24-56, Cl. 219-4.
- Powell, Robert J., to Continental Motors Corp. Wrist pin assembly. 2,770,511, 11-13-56, Cl. 309-19.
- Powell, Robert J., and J. E. Champion, to Continental Motor Co. Fuel injection system. 2,759,468, 8-21-56, Cl. 123-139.
- Powell, Robert L.: See—  
Alpert, Marshall B., and Powell. 2,741,588.
- Powell, Vernon W. Fluid drain connectors for use in photographic developing tanks. 2,768,566, 10-30-56, Cl. 95-89.
- Power, Basil D., to Edwards High Vacuum Ltd. Vacuum power pumps. 2,734,679, 2-14-56, Cl. 230-101.
- Power Brake Equipment Co.: See—  
Fishwood, Rollin W., and Williams. 2,772,926.
- Power Brake Parts Mfg. Co.: See—  
Kogney, Hawkin H. 2,752,890.
- Power, Douglas M., and N. A. Hurst, to Dunlop Tire and Rubber Corp. Cutting machine having photoelectric detectors for severing strips of fabric of predetermined width from a length thereof. 2,738,007, 3-13-56, Cl. 164-76.
- Power Equipment Co.: See—  
Bixby, William H. 2,733,402.  
Bixby, William H. 2,732,551.  
Bixby, William H. 2,774,930.



- Power, James A., and J. S. Hollowell, to Interwoven Stocking Co. Display package for stretch socks. 2,748,930, 6-5-56, Cl. 206-46.
- Power, James H., to Lockheed Aircraft Corp. Aircraft sealed cockpit movable canopy mounting. 2,731,220, 1-17-56, Cl. 244-121.
- Power, Ruth M., to Arthur D. Little, Inc. Salt substitute and method of preparing the same. 2,742,366, 4-17-56, Cl. 99-143.
- Power Jets (Research and Development) Ltd.: See—
- Ashwood, Peter F., and Crosse, 2,774,554.
- Ashwood, Peter F., and Fletcher. 2,770,095.
- Biggs, Raymond H. 2,747,463.
- Cohen, Henry, and Darth. 2,747,363.
- Cox, Martin, and Steyer. 2,747,843.
- Davidson, Irv W. C. 2,756,005.
- Feilden, Geoffrey, B. R. Simons, and Holl. 2,753,883.
- Grey, John C. 2,743,051.
- Grey, John C. 2,767,560.
- Grey, John C. 2,770,968.
- Hodge, James. 2,738,958.
- Hodge, James. 2,742,760.
- Lees, George. 2,773,169.
- Smith, Austin G. 2,750,147.
- Stephenson, Robert A. 2,753,764.
- Powerpak Equipment Co.: See—
- Clapper Preston S. 2,740,230.
- Powers Chemco, Inc.: See—
- Anander, Andrew K. 2,741,962.
- Anander, Andrew K. 2,741,963.
- Anander, Andrew K. 2,753,181.
- Anander, Andrew K. 2,762,151.
- Powers, Donald H. Means for re-circulating heating air. 2,765,726, 10-9-56, Cl. 98-38.
- Powers, Donald W., to Roanwell Corp. Snap switch. 2,774,836, 12-18-56, Cl. 200-67.
- Powers, Dudley P.: See—
- Mosley, Earl J. 2,762,634.
- Powers, Harold O.: See—
- Hansen, Ralph C., Powers, and Thwaites. 2,738,058.
- Powers, James H., to General Electric Co. Rotary cutting apparatus. 2,747,436, 5-29-56, Cl. 77-2.
- Powers, John B., to Union Carbide and Carbon Corp. Process for flame spraying plastisol. 2,746,883, 5-22-56, Cl. 117-103.
- Powers, John J. Utility truck-body. 2,746,717, 5-22-56, Cl. 254-139.1.
- Powers, John M.: See—
- Wright, Robert, and Hunt. Powers, and speed. 2,766,310.
- Powers, Kenneth J. to Borg-Warner Corp. Deburring machine. 2,769,279, 11-6-56, Cl. 51-7.
- Powers, Milton A., to Skuttile Mfg. Co. Humidifier apparatus. 2,740,396, 4-3-56, Cl. 126-113.
- Powers, Milton A. Glass float. 2,753,886, 7-10-56, Cl. 137-452.
- Powers, Myron J.: See—
- Talbut, William F., and Powers. 2,752,253.
- Powers, Richard, to Bulletin Co. Deflector for use with conveyor. 2,769,550, 11-6-56, Cl. 198-188.
- Powers, Richard E., to Chicago Railway Equipment Co. Railway car door structure. 2,741,807, 4-17-56, Cl. 20-23.
- Powers, Robert P., to The Firestone Tire & Rubber Co. Sealing strip for tubeless tires. 2,731,063, 1-17-56, Cl. 152-363.
- Powers, Robert P., to The Firestone Tire & Rubber Co. Tire and rim. 2,731,064, 1-17-56, Cl. 152-378.
- Powers, Robert P., to The Firestone Tire & Rubber Co. Tubeless truck tire rim and valve. 2,731,065, 1-17-56, Cl. 152-427.
- Powers-Samas Accounting Machines Ltd.: See—
- Baldwin, Richard E. 2,763,431.
- Baldwin, Richard E. 2,772,051.
- Guttridge, Eric J. 2,771,293.
- Guttridge, Eric J., Lucas, and Yandell. 2,764,346.
- Holden, Norman G. 2,737,305.
- Johnson, William E. 2,753,185.
- Jones, Charles T., to Air Reduction Co. 2,731,936, Cl. 219-10.
- Jones, Charles T. A. 2,739,867.
- Lambert, Donald R. 2,773,443.
- Lambert, Donald R., and Jones. 2,744,685.
- Lambert, Donald R., and Piper. 2,761,623.
- Marples, Bernard P., and Davy. 2,761,624.
- Rhodes, Frederick S. 2,765,038.
- Rose, Frank J. 2,739,534.
- Thomas, Arthur. 2,747,669.
- Thomas, Arthur. 2,757,928.
- Thomas, Arthur, and Rhodes. 2,742,966.
- Thomas, Arthur, and Rhodes. 2,760,577.
- Powers, Walter H., to Walker Mfg. Co. of Wisconsin. Muffler. 2,739,661, 3-27-56, Cl. 181-59.
- Powers, William R., to E. I. du Pont de Nemours and Co. Hollow carboxymethyl cellulose bead and method for making. 2,773,027, 12-4-56, Cl. 210-8.5.
- Powischill, John W.: See—
- Senior, John H., and Powischill. 2,737,691.
- Powischill, John W., and E. M. Hyde, to Proctor & Schwartz, Inc. Apparatus for applying liquids and tints to textile fibers. 2,749,736, 6-12-56, Cl. 68-205.
- Powley, Richard A., to Air Reduction Co., Inc. Method for arc welding. 2,745,935, 5-1-56, Cl. 219-10.
- Poyner, Russell R., to International Harvester Co. Hopper extension. 2,738,904, 3-20-56, Cl. 222-386.
- Pozaryski, Jan., to Westinghouse Electric Corp. Induction apparatus. 2,757,347, 7-31-56, Cl. 336-180.
- Poznik, William. Protective automatic circuit breaking arrangement for automobiles. 2,758,218, 8-7-56, Cl. 307-10.
- Prager, Cyril, to Société Sitrac. Control means for clutches in motor vehicles. 2,760,610, 8-28-56, Cl. 192-052.
- Practical Electric Products, Inc.: See—
- Barkin, Aaron. Re. 24,196.
- Praeg, Delbert H.: See—
- Curado, Joseph G., and Praeg. 2,750,296.
- Praeg, Walter S., to National Broach & Machine Co. Gear finishing. 2,733,641, 2-7-56, Cl. 90-1.
- Praeg, Walter S., to National Broach & Machine Co. Tool for finishing gears. 2,738,569, 3-20-56, Cl. 29-103.
- Praeg, Walter S., to National Broach & Machine Co. Inserted blade gear shaving cutter. 2,758,362, 8-14-56, Cl. 29-106.
- Prager, Hans, and W. Dale, to Radio Corp. of America. Construction of gas-filled tubes, particularly shielding. 2,770,751, 11-13-56, Cl. 313-193.
- Pragst, Ernest L. Reeled-steel feed for screw machines. 2,739,425, 3-27-56, Cl. 51-75.
- Pranauser, Heinrich, to Maschinenfabrik Heid Aktiengesellschaft. Device for producing an intermittent movement, particularly the feeding movement in connection with machine tools. 2,756,643, 7-31-56, Cl. 90-49.
- Prahl, Frederick A., Jr.: See—
- Moran, Paul E., Morris, and Prahl. 2,754,119.
- Prahl, Frederick A., Jr., to Bradley Container Corp. Container. 2,753,088, 7-3-56, Cl. 222-215.
- Prange, Alfons F., deceased, M. Prange, executrix. Work stop mechanism. 2,756,820, 7-31-56, Cl. 164-59.
- Prange, Mary: See—
- Prange, Alfons F. 2,756,820.
- Prashaw, Cecil J.: See—
- Evans, Jesse L., and Prashaw. 2,758,197.
- Prasse, Herbert F., to Thompson Products, Inc. Piston ring. 2,729,524, 1-3-56, Cl. 309-44.
- Prasse, Herbert F., and A. A. Armstrong, to Thompson Products, Inc. Cast valve seat insert. 2,742,556, 4-17-56, Cl. 75-171.
- Prasz, Ove F., to Mikroværk A/S. Foldable mould for automatic chocolate moulding plants. 2,760,448, 8-28-56, Cl. 107-19.
- Pratt, Floyd G. Condition responsive draft assembly with snubbing means. 2,768,837, 10-30-56, Cl. 280-446.
- Prater Pulverizer Co.: See—
- Thomas, George F. 2,738,876.
- Pratts, Francisco R., II.: See—
- Pratts, Jose R., and F. R. 2,770,239.
- Pratts, Jose R., and F. R. Process of treating tobacco. 2,770,239, 11-13-56, Cl. 131-142.
- Pratt, Alan H., to Electric & Musical Industries Ltd. Protection circuits for cathode ray tubes. 2,743,380, 4-24-56, Cl. 315-20.
- Pratt, Amasa, to North American Aviation, Inc. Folded wave guide. 2,740,740, 9-25-56, Cl. 303-11.
- Pratt, Burt C., to E. I. du Pont de Nemours and Co. 1,4-disubstituted-2-cyano-1,3-butadienes. 2,773,857, 12-11-56, Cl. 260-88.5.
- Pratt, Cameron. Baled hay loader for trucks. 2,732,087, 1-24-56, Cl. 214-75.
- Pratt, Chester A.: See—
- Paley, Joseph L., and Pratt. 2,765,948.
- Pratt, Francis L.: See—
- Cunningham, James M., Pratt, and Kovach. 2,747,717.
- Pratt, Henry, Co.: See—
- Schwenk, Henry C. 2,740,603.
- Pratt, James H., to Girling Ltd. Vehicle brakes. 2,730,204, 1-10-56, Cl. 188-152.
- Pratt, John G., Jr., and J. N. Limbach, Jr., to Shell Development Co. Dewaxing oils with periodic changes in solvent composition. 2,738,306, 3-13-56, Cl. 196-18.
- Pratt, John W.: See—
- Choice, Frank C., and Pratt. 2,740,144.
- Pratt, John W., to United Shoe Machinery Corp. Diaphragms for fluid-filled pad boxes. 2,733,462, 2-7-56, Cl. 12-38.
- Pratt, Robert H., and W. C. Karch, to General Controls Co. Thermostat. 2,740,865, 4-3-56, Cl. 200-140.
- Pratt, Robert S.: See—
- Mantell, Russell M., Plescia, and Pratt. 2,753,300.
- Pratt, Russell G.: See—
- Goodbar, Mayo A., and Pratt. 2,730,038.
- Pratt, Thomas W., to The M. W. Kellogg Co. Preparation of catalytic cracking feed. 2,770,576, 11-13-56, Cl. 196-14.46.
- Pratt, Verneur E., and G. F. Gray, to Diebold, Inc. Microfilm reader. 2,746,344, 5-22-56, Cl. 88-24.
- Pratt & Whitney Co., Inc.: See—
- Chandler, Milton E. 2,737,168.
- Drummond, Arthur P. 2,733,562.
- Drummond, Arthur P. 2,757,580.
- Jaeger, Jacob I. 2,747,151.
- Lee, Leighton, II. 2,731,983.
- Lee, Leighton, II. 2,751,026.
- Mueller, Paul M. 2,775,208.
- Soule, Harold B., and Smithson. 2,734,156.
- Tinker, Wayne E. 2,746,287.
- Wright, Alexander M. 2,737,015.
- Pratt, Willard E., and J. W. Hendrickson, Jr., to Container Corp. of America. Display box. 2,732,062, 1-24-56, Cl. 206-45.31.
- Pray, Blaine O., and D. N. Sukow, to Columbia-Southern Chemical Corp. Sulphur dioxide chlorination of phenol. 2,759,981, 8-21-56, Cl. 260-623.

- Pray, Fred J. Speed plier means. 2,737,983, 3-13-56, Cl. 140-118.
- Pray, Harold L., to Kelsey-Hayes Wheel Co. Molding machine. 2,767,446, 10-23-56, Cl. 22-38.
- Pray, James B., to K. and Preble. 2,735,468.
- Palmer, Edward D., and Pray. 2,750,132.
- Pray, Lester W., to Saco-Lowell Shops. Textile drawing roll. 2,749,574, 6-12-56, Cl. 19-141.
- Prayer, Stanley J., *See*—  
Puzarowski, Stanley J. 2,770,866.
- Preble, Harry, Jr., *See*—  
Gilbert, Jack, and Preble. 2,769,289.  
Gilbert, Jack, and Preble. 2,771,786.  
Green, Xan B. K., and Preble. 2,735,134.  
Green, Xan B. K., and Preble. 2,735,468.  
Green, Xan B. K., and Preble. 2,748,820.  
Green, Xan B. K., and Preble. 2,748,907.  
Green, Xan B. K., and Preble. 2,749,954.  
Green, Xan B. K., and Preble. 2,758,589.
- Prebol, Evelyn and T. J. Luggage illuminator. 2,774,860, 12-18-56, Cl. 240-6-45.
- Prebol, Theodore J., *See*—  
Prebol, Evelyn and T. J. 2,774,860.
- Prebsa, A. G. Rechenmaschinenfabrik: *See*—  
Müller, Ernst. 2,746,385.
- Precision Apparatus Co., Inc., *See*—  
Futterman, Julius. 2,732,526.
- Precision Building System, Inc., *See*—  
Zagray, Harold F. 2,749,339.
- Precision Developments Co. Ltd., *See*—  
Olah, George. 2,737,964.
- Precision Diamond Products Ltd., *See*—  
Teather, Harry G., and Talmage. 2,741,241.
- Precision Flexpress Corp., *See*—  
Forkner, Ewell W. 2,739,019.
- Precision Grinding Ltd., *See*—  
Dwyer, James H. 2,766,529.
- Precision Rubber Products Corp., *See*—  
Neft, Minor F. 2,737,382.
- Precision Scientific Co., *See*—  
McDonald, Hugh J., and Williamson. 2,768,948.
- Preco Inc., *See*—  
Beemer, Paul K. 2,734,957.  
Beemer, Paul K., Fuchs, and Anderson. 2,757,619.  
Stelle, Allen M., Beemer, and Fuchs. 2,741,904.  
Stelle, Allen M., Beemer, and Fuchs. 2,742,318.
- Preeman, Marvin B., to Standard Steel Corp. Apparatus and method for processing asphalt. 2,735,625, 2-21-56, Cl. 241-18.
- Preferred Utilities Mfg. Corp., *See*—  
Breed, Bowman K. 2,735,381.
- Lake, Harry E. 2,765,842.
- Preformed Lins Products Co., *See*—  
Peterson, Thomas F. 2,738,398.  
Peterson, Thomas F. 2,761,273.  
Peterson, Thomas F. 2,766,157.
- Preis, Oscar K. Suction and hot air pressure massage applicator. 2,759,586, 2-24-56, Cl. 128-241.
- Preis, Paul. Vacuum cleaners. 2,743,054, 4-24-56, Cl. 230-127.
- Preisner, Herman S. Bilge keel anode. 2,762,771, 9-11-56, Cl. 204-197.
- Preisner, Joseph O., to Radio Corp. of America. Frequency selective circuits. 2,742,615, 4-17-56, Cl. 333-72.
- Preisner, Joseph O., to Radio Corp. of America. Adjustable voltage supply. 2,745,986, 5-15-56, Cl. 315-22.
- Preisner, Joseph O., to Radio Corp. of America. Regulated high voltage supplies. 2,749,474, 6-5-56, Cl. 315-14.
- Preisner, Joseph O., and A. A. Barco, to Radio Corp. of America. Field identification apparatus. 2,742,523, 4-17-56, Cl. 178-5-4.
- Preisinger, Siegfried R., *See*—  
Eckardt, Wolfgang M. J., and Preisinger. 2,769,748.
- Preisler, Richard E. Oar holder. 2,734,205, 2-14-56, Cl. 9-1.
- Prell, Hugh A. Jewelers boring tool. 2,729,993, 1-10-56, Cl. 81-8.
- Preload Co., Inc., *The*, *See*—  
Chiverton, Thomas J. 2,747,249.
- Premier-Hall Mfg. Co., *See*—  
Berger, Irvin E. 2,763,527.
- Premier Research Laboratories, Inc., *See*—  
Font, Ramon. 2,732,463.  
Font, Ramon, and Herman. 2,748,328.
- Premo Pharmaceutical Laboratories, Inc., *See*—  
Blackman, Seymour N. 2,767,710.
- Prendergast, Charles S., to H. Gordon. Pump or motor. 2,731,919, 1-24-56, Cl. 103-120.
- Prendergast, Charles S.,  $\frac{1}{2}$  to H. Gordon. Pumps and motors. 2,754,762, 7-17-56, Cl. 103-4.
- Prendergast, Edward H. Storage structure having roof opening and closures therefor. 2,773,457, 12-11-56, Cl. 108-1.
- Prendergast, James J., to General Electric Co. Coolant system. 2,729,203, 1-3-56, Cl. 123-4112.
- Prendergast, James J., to General Electric Co. Piping system. 2,741,434, 4-10-56, Cl. 237-67.
- Prenner, Jerome S., *See*—  
Beutler, Carollee C., and Prenner. 2,755,255.
- Prenner, Jerome S., to General Electric Co. Electroluminescent materials and method of preparation. 2,731,423, 1-17-56, Cl. 252-301.
- Prentice, G. B., Mfg. Co., *The*, *See*—  
Legat, Robert C. 2,741,820.
- Prentice Machine Works, Inc., *See*—  
Anderson, Victor E., and Burger. 2,758,649.
- Prentiss, Kenneth R., *See*—  
Baker, Charles R., and Prentiss. 2,753,950.
- Prentiss, Spencer S., to Phillips Petroleum Co. Safety device, including fusible member for rocket engine starting control. 2,741,085, 4-10-56, Cl. 60-39-09.
- Prentiss, Spencer S., to Phillips Petroleum Co. Carbon black separation. 2,758,666, 8-14-56, Cl. 183-7.
- Prentiss, Spencer S., to Phillips Petroleum Co. Tackmeter for determining tack of rubber and like materials. 2,762,219, 9-11-56, Cl. 150-150.
- Prentiss, William C., A. H. Davis, L. A. Wetzel, and V. N. Sheets, to Rohm & Haas Co. Process for coating metals and the products obtained. 2,760,886, 8-28-56, Cl. 117-72.
- Prenville, Donald E., *See*—  
Gaubert, Rene J., and Prenville. 2,768,673.
- Prenville, Donald E., to Farmco Enterprises, Ltd. Carrot-length grader. 2,755,929, 7-24-56, Cl. 209-99.
- Prenville, Donald E., and A. H. Storch, Jr., to Food Machinery and Chemical Corp. Pressure sealing apparatus. 2,729,270, 1-3-56, Cl. 154-42.
- Prepo Corp., *See*—  
Falligant, Louis A. 2,744,809.
- Prepp, Robert J., and G. W. Patterson. Typewriter ribbon. 2,737,283, 3-6-56, Cl. 197-172.
- Prescott, George M., *See*—  
Spears, Jess W. 2,738,201.
- Prescott, William A. Egg cooker. 2,743,666, 5-1-56, Cl. 173-173.
- President and Directors of the Manhattan Co., *See*—  
Schlauch, Herman. 2,745,286.  
Schlauch, Herman. 2,754,580.  
Schlauch, Herman. 2,755,127.
- Presler, James I. Dump chute for wagons. 2,774,456, 12-18-56, Cl. 193-4.
- Presnell, Frank G. Fuel distributing system. 2,730,339, 1-10-56, Cl. 261-19.
- Press, Meyer, *See*—  
Arnold, Charles E., and Press. 2,764,682.  
Hirsch, Charles J., and Press. 2,735,015.
- Pressed and Welded Steel Products Co., Inc., *See*—  
Haskin, Walter E. 2,733,717.  
Haskin, Walter E. 2,770,813.  
Haskin, Walter E. 2,771,075.
- Pressler, Charles K., and J. H. Weaver. Heat and wear resisting material and article formed thereof. 2,774,077, 12-18-56, Cl. 2-167.
- Pressler, Ralph B., to Rowser, Inc. Sampler mechanism. 2,749,755, 6-12-56, Cl. 73-422.
- Pressnall, Charles A., *See*—  
Hagerity, Andrew T., and Pressnall. 2,763,038.
- Pressner, Samuel. Detergent and brightening composition. 2,730,503, 1-16-56, Cl. 262-153.
- Pressure Dispensers, Inc., *See*—  
Collins, Leonard M., and George. 2,772,035.
- Prest, Stanley E.,  $\frac{1}{2}$  to A. T. Kryzan. Illuminated shrine. 2,745,948, 5-15-56, Cl. 240-10.
- Prestige, Harry T., *See*—  
Strafford, Frederick R. W., and Prestige. 2,738,396.
- Prestole Corp., *See*—  
Collins, Coy W. 2,745,155.  
Jaworski, Leonard S. 2,762,597.
- Partee, Alexander S. 2,743,118.
- Preston, Benjamin R., and D. A. Richmond. Method and apparatus for casting printing plates. 2,748,433, 6-5-56, Cl. 22-58.
- Preston, Carl G., 50% to R. P. Brunsman. Closure device for openings in buildings. 2,772,447, 12-4-56, Cl. 20-40.
- Preston, Evelyn, *See*—  
Fish, Richard H. 2,746,794.  
Fish, Richard H. 2,761,731.
- Preston, Frank S., and B. Wadel, to Norden-Ketay Corp. Electrical elevation angle computer. 2,738,924, 3-20-56, Cl. 235-61.
- Preston, Frederick A., to Deering Milliken Research Corp. Clearer for textile machines. 2,741,802, 4-17-56, Cl. 19-13.
- Preston, George M., *See*—  
Pinkel, Isadore I., Black, Preston, and Pesman. 2,737,249.
- Preston, John, *See*—  
Olson, Harry F., and Preston. 2,734,591.  
Olson, Harry F., and Preston. 2,751,441.  
Olson, Harry F., and Preston. 2,773,130.
- Preston, John S., to National Research Development Corp. Method of making transparent conducting films by cathode sputtering. 2,769,778, 11-6-56, Cl. 204-192.
- Prestressing, Inc., *See*—  
Brandt, Fred H. 2,759,379.
- Prettyman, Irven R., *See*—  
Lyons, Williams J., and Prettyman. 2,755,214.
- Preus, Irving J. Garden sprinkler control system. 2,761,733, 9-4-56, Cl. 299-58.
- Previti, Alfred E. Bill denomination indicator for cash registers. 2,736,011, 2-21-56, Cl. 340-223.
- Prevost, Bruno E., to John W. Bolton & Sons Inc. Multiple synchronized pneumatic paper stock control device. 2,729,147, 1-3-56, Cl. 92-46.
- Prevost, Bruno E., and M. G. Smith, to John W. Bolton & Sons, Inc. Jordan plug, and method of making the same. 2,758,516, 8-14-56, Cl. 92-27.
- Prew, Howard A., to Pru-Lesco, Inc. Hinge and rim for a box. 2,735,609, 2-21-56, Cl. 229-44.



- Preway Inc.: *See—*  
 Jensen, Kenneth S. 2,741,243.  
 Jensen, Kenneth S. 2,759,411.  
 Jensen, Kenneth S., and Nelson. 2,732,891.  
 Prewett, Vervlyn M. Tire truing machine. 2,749,979, 6-12-56, Cl. 164—10.2.  
 Prewitt, Richard H. Method and apparatus for fabricating airframes. 2,762,419, 9-11-56, Cl. 154—1.8.  
 Prewitt, Thomas A., to General Motors Corp. Automatic coil adjusting system. 2,766,384, 10-9-56, Cl. 250—40.  
 Pribis, Herman K. Collapsible gun rest. 2,774,563, 12-18-56, Cl. 248—127.  
 Pribis, Herman K., Jr. Self-storing tool for small arm weapons. 2,737,676, 3-13-56, Cl. 15—104.165.  
 Pribitzer, Hans: *See—*  
 Weber, Josef, Grab, and Pribitzer. 2,757,050.  
 Pribyl, Edward J.: *See—*  
 Krapcho, John, Pribyl, and Bernstein. 2,733,256.  
 Price, Arthur W.: *See—*  
 Martin, Charles A. 2,753,129.  
 Price Battery Corp.: *See—*  
 Vieth, Albert B. 2,762,094.  
 Price, Bernard A.: *See—*  
 Nichols, William N., and Price. 2,754,282.  
 Price, Berry G., to Tuboscope Co. Inductive electromagnetic inspection. 2,746,012, 5-15-56, Cl. 324—37.  
 Price, Berry G., to Tuboscope Co. Caliper having magnetically controlled recorder. 2,746,160, 5-22-56, Cl. 35—178.  
 Price Brothers, Inc.: *See—*  
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 Price Building Specialties Co.: *See—*  
 Du Plessis, Milton P. 2,747,237.  
 Price, Carl, Insulator. 2,754,354, 7-10-56, Cl. 174—158.  
 Price, Charles C., to The General Tire and Rubber Co. Method of preparing 2-hydroxy-methyl-2-butenonitrile and the dimer of 2-cyanoprene. 2,735,863, 2-21-56, Cl. 260—464.  
 Price-Driscoll Corp.: *See—*  
 Barth, Robert M. 2,765,128.  
 Price, Earl K., to Bendix Aviation Corp. Transmission operating mechanism. 2,774,251, 12-18-56, Cl. 74—365.  
 Price, Fraser P., to General Electric Co. Combined heating and thermosensitive heating control units. 2,745,944, 5-15-56, Cl. 219—46.  
 Price, Harvey N., to General Electric Co. Single-ended thyatron discharge device. 2,747,120, 5-22-56, Cl. 313—33.  
 Price, James R., to Simonds Abrasive Co. Abrasive article. 2,729,553, 1-3-56, Cl. 51—298.  
 Price, Joel S. Obstetrical instrument. 2,775,241, 12-25-56, Cl. 128—352.  
 Price, John A.: *See—*  
 Price, James, Joseph J., Price, and Booth. 2,739,168.  
 Price, John A., to American Cyanamid Co. Method of preparing a copolymer of 2-chloroacrylamide and methacrylonitrile. 2,731,451, 1-17-56, Cl. 260—85.5.  
 Price, John A., to American Cyanamid Co. Acrylonitrile-acrylylcarbamate copolymers and products. 2,736,722, 2-26-56, Cl. 260—77.5.  
 Price, Kenneth A., and R. E. Slater, to Northrop Aircraft, Inc. Quick-release door latch. 2,730,394, 1-10-56, Cl. 292—256.  
 Price, Leo. Gauge mounting assembly. 2,775,038, 12-25-56, Cl. 33—174.  
 Price, Leo. Guillotine gauge. 2,775,039, 12-25-56, Cl. 33—174.  
 Price, Lewis T. Folding ladder. 2,749,009, 6-5-56, Cl. 228—19.2.  
 Price, Nathan C., to Lockheed Aircraft Corp. Gaseous fuel turbine power plant having parallel connected compressors. 2,730,863, 1-17-56, Cl. 60—39.15.  
 Price, Nathan C., to Lockheed Aircraft Corp. Turbine machine having high velocity blading. 2,738,950, 3-20-56, Cl. 253—39.15.  
 Price, Nathan C., to Lockheed Aircraft Corp. Vertically rising road operable aircraft. 2,762,584, 9-11-56, Cl. 244—12.  
 Price, R. K., Associates, Inc.: *See—*  
 De Mastri, Stefano. 2,730,382.  
 Price, Raymond M., and A. F. Roche, to The Dow Chemical Co. Color stabilization process for polymers containing acrylonitrile. 2,739,140, 1-10-56, Cl. 260—80.5.  
 Price, Robert W., to Westinghouse Electric Corp. Automatic welder. 2,752,469, 6-26-56, Cl. 219—8.  
 Price, Russell W. Conductive foot covering. 2,745,041, 5-8-56, Cl. 317—2.  
 Prichard, Arthur C., to the United States of America as represented by the Secretary of the Army. Crystal detwinning. 2,767,067, 10-16-56, Cl. 23—295.  
 Prichard, Reno W.: *See—*  
 Grinstead, Carl E., and Prichard. 2,774,063.  
 Prichard, William W., to E. I. du Pont de Nemours and Co. Acrylation of aromatic compounds. 2,729,673, 1-3-56, Cl. 260—515.  
 Prichard, William W., to E. I. du Pont de Nemours and Co. Carbonylation of azo compounds and products. 2,769,003, 10-30-56, Cl. 260—244.  
 Prickett, Alfred D., to Joseph Lucas (Industries) Ltd. Electric switch for controlling a flashing-signal lamp. 2,754,391, 7-10-56, Cl. 200—113.  
 Pride Products Co.: *See—*  
 Brinkman, John K. 2,751,603.  
 Pridmore, Thomas C.: *See—*  
 Crandon, Lawrence H., Ley, and Pridmore. 2,760,144.  
 Priebe, Clarence A. Vehicle light construction. 2,752,480, 6-26-56, Cl. 240—8.2.  
 Priebe, William A. Door holder. 2,774,622, 12-18-56, Cl. 292—288.  
 Pries, John E. Scouring device. 2,761,259, 9-4-56, Cl. 51—205.  
 Priest, Homer F., to the United States of America as represented by the United States Atomic Energy Commission. Process of treating steel. 2,759,886, 8-21-56, Cl. 204—39.  
 Priest, Homer F., to the United States of America as represented by the United States Atomic Energy Commission. Process for production of uranium hexafluoride. 2,761,756, 9-4-56, Cl. 23—14.5.  
 Priest, William J., to Eastman Kodak Co. Copolymers of vinyl esters with N-allyl urethanes and hydrolysis products thereof. 2,748,103, 5-29-56, Cl. 260—77.5.  
 Priest, William J., and C. F. H. Allen, to Eastman Kodak Co. Modification of hydroxyl containing polyvinyl resin treated with an amino acetal as a silver halide binder. 2,739,059, 8-20-56, Cl. 95—7.  
 Priest, William M. Clothesline reel. 2,747,813, 5-29-56, Cl. 242—102.  
 Priestley, Kenneth D. Disc harrow. 2,743,566, 5-1-56, Cl. 58—83.  
 Priestman, Bewley D., to General Motors Corp. Lift bolt for door lock remote locking mechanism. 2,751,242, 6-19-56, Cl. 292—229.  
 Prill, Edward A., to Boyce Thompson Institute for Plant Research, Inc. Organic compounds and insecticidal compositions. 2,773,062, 12-4-56, Cl. 260—247.2.  
 Prill, Erhard J., to Monsanto Chemical Co. Making diaryl ethanes. 2,773,914, 12-11-56, Cl. 260—668.  
 Prima Industries Ltd.: *See—*  
 Wilson, Charles L. 2,736,531.  
 Prime Mfg. Co.: *See—*  
 Pehrson, Manfred E. 2,736,675.  
 Pehrson, Manfred E. 2,748,404.  
 Primor, Theodore. Sectional septic tank. 2,764,545, 9-25-56, Cl. 210—6.  
 Primrose, Charles L., to The Venture Corp. Silver alloys. 2,772,156, 11-27-56, Cl. 75—173.  
 Prince, Charles A., to The Dow Chemical Co. Method of cleaning the inside of pipe. 2,745,231, 5-15-56, Cl. 51—219.  
 Prince, David C. Variable capacity compressor. 2,761,615, 9-4-56, Cl. 230—21.  
 Prince, David C. Circuit breaker. 2,761,935, 9-4-56, Cl. 200—148.  
 Prince, John, Jr. Drill rig for hard rock mining. 2,765,148, 10-2-56, Cl. 255—51.  
 Prince, John M., to Productive Inventions, Inc. Soap dispenser. 2,751,128, 6-19-56, Cl. 222—447.  
 Prince, John M., to Productive Inventions, Inc. Method of connecting a grommet to a support. 2,759,255, 8-21-56, Cl. 299—106.  
 Prince, Richard, and M. J. Massiello, to Ekco-Alcoa Containers Inc. Folding device for container closures. 2,767,537, 10-23-56, Cl. 53—366.  
 Prince Castle Mfg. Div., Inc.: *See—*  
 Brown, Le Roy A. 2,742,194.  
 Brown, Le Roy A., and Brotheridge. 2,774,579.  
 Prince Fair Blouse, Inc.: *See—*  
 Saccoccio, Mario G. 2,774,075.  
 Principale, Christy: *See—*  
 Hammond, Titus, and Principale. 2,760,084.  
 Prindle, Cecil M. Top cylinder lubricator. 2,737,172, 3-6-56, Cl. 123—106.  
 Prindle, Quentin T.: *See—*  
 Twiehaus, Robert C., and Prindle. 2,744,145.  
 Prindle, Robert F., and V. M. Blackard, to Strong Cobb and Co., Inc. Stable aqueous injectable procaine hydrochloride aminopyrine preparation. 2,741,574, 4-10-56, Cl. 167—58.  
 Pringle, Edward T., Jr. Box having dispensing means. 2,741,413, 4-10-56, Cl. 229—7.  
 Pringle, William L., to Rockwell Spring and Axle Co. Sealed brake. 2,750,011, 6-12-56, Cl. 188—218.  
 Pringle, William L., to Rockwell Spring and Axle Co. Shift control mechanism. 2,754,695, 7-17-56, Cl. 74—745.  
 Printing Arts Research Laboratories, Inc.: *See—*  
 Marx, Walter S., Jr. 2,770,534.  
 Printing Machinery Co. The: *See—*  
 Noell, Elmer F. 2,768,547.  
 Printz, Ernst, Jr.: *See—*  
 Printz, Ernst, Sr., and E. Printz, Jr. 2,754,737.  
 Printz, Ernst, Sr., and E. Printz, Jr. Means for coupling alternatively employed soil cultivating implements or the like to a tractor or the like. 2,754,737, 7-17-56, Cl. 97—29.  
 Prioleau, Philip F. Tensioning roller for developing tank and control therefor. 2,757,590, 8-7-56, Cl. 95—90.5.  
 Prior, William G. Rotatable figs. 2,732,926, 1-31-56, Cl. 198—33.  
 Prior Products, Inc.: *See—*  
 Doyle, Arthur J., and Whalen. 2,758,845.  
 Prior, William C., and G. R. Ord. Hydraulically actuated diaphragm pump. 2,752,854, 7-3-56, Cl. 103—44.  
 Priscu, John C., and J. W. Whitney, to National Lead Co. Apparatus for production of titanium metal. 2,766,033, 10-9-56, Cl. 266—17.  
 Priser, Stanley W.: *See—*  
 Feit, Arthur J. Re. 24,108.  
 Pristsak, Gustav W., to Siemens-Schuckertwerke Aktiengesellschaft. Alternating-current circuit interrupters. 2,729,723, 1-3-56, Cl. 200—147.

- Pritchard, Arnold J. Steering idler support. 2,773,697, 12-11-56, Cl. 280-95.
- Pritchard, Arnold J., and W. A. Rowlette. Vehicle drive shaft sleeve bearing. 2,758,896, 8-14-56, Cl. 308-237.
- Pritchard, Dalton H., to Radio Corp. of America. Color television matrix system. 2,732,425, 1-24-56, Cl. 178-5.4.
- Pritchard, Dalton H., to Radio Corp. of America. Signal operated automatic control circuit. 2,752,417, 6-26-56, Cl. 178-5.4.
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- Pritchard, Howard A.: *See—*
- Wood, William H., and Pritchard. 2,753,796.
- Wood, William H., and Pritchard. 2,761,382.
- Pritchard, Inez S.: *See—*
- Pritchard, Wilmot T. 2,738,813.
- Pritchard, J. F., Co.: *See—*
- Glick, Joseph F. 2,766,597.
- Pritchard, James E., to Phillips Petroleum Co. Polymer compositions and methods for producing the same. 2,746,943, 5-22-56, Cl. 260-29.6.
- Pritchard, James E., to Phillips Petroleum Co. Polymers of divinyl sulfide and methods for their production. 2,769,802, 11-6-56, Cl. 260-79.
- Pritchard, James E., and P. L. Q. Myers, to Phillips Petroleum Co. Laminated products and method of producing the same. 2,751,323, 6-19-56, Cl. 154-140.
- Pritchard, John O. Folding drafting table. 2,772,130, 11-27-56, Cl. 814-31.
- Pritchard, Robert L., to General Electric Co. Direct current amplifier. 2,750,453, 6-12-56, Cl. 179-171.
- Pritchard, Thomas R., to Taura Mfg. Co. Measuring valve closure. 2,747,775, 5-29-56, Cl. 222-400.7.
- Pritchard, Wilbur L., to Raytheon Mfg. Co. Microwave ovens. 2,763,757, 9-18-56, Cl. 219-10.55.
- Pritchard, Wilmot T., deceased; Peoples National Bank of Washington and I. S. Pritchard, executors. Method of planing and edge jointing lumber stock and a planing machine for carrying out said method. 2,738,813, 3-20-56, Cl. 144-36.
- Pritchett, David E.: *See—*
- Stevens, Jesse W., and Pritchett. 2,764,486.
- Pritchett, John L., to Highland Container Co., Inc. Container. 2,759,752, 3-27-56, Cl. 219-37.
- Pritchett, John L., and R. N. Markham, to Highland Container Co., Inc. Yarn packaging pad and shipping container using same. 2,739,705, 3-27-56, Cl. 206-65.
- Pritts, Henry E., to Raytheon Mfg. Co. Wire straightening tool. 2,740,435, 4-3-56, Cl. 140-147.
- Privitera, Francesco. Hand router and cutter tool. 2,730,146, 1-10-56, Cl. 145-121.
- Pro, George M.: *See—*
- Andrews, Boley A., and Pro. 2,739,273.
- Prober, Maurice, to General Electric Co. Method for preparing phenyltrifluoroethylene. 2,752,400, 6-26-56, Cl. 260-651.
- Probst & Clem, *See—*
- Reith, Walter. 2,749,053.
- Probst, Clemens, to Siemens-Schuckertwerke Aktiengesellschaft. Immersion devices for treating liquids. 2,775,434, 12-25-56, Cl. 259-1.
- Prociario, Justino, and P. F. Ball washing apparatus. 2,744,274, 5-5-56, Cl. 15-97.
- Prociario, Paul F.: *See—*
- Prociario, Justino and P. F. 2,744,274.
- Procedo G. m. b. H.: *See—*
- Dillenburger, Albert, and Ley. 2,753,957.
- Process Chemicals Co.: *See—*
- Katzman, Morris. 2,757,143.
- Process Engineering Inc.: *See—*
- Austin, Ralph W. 2,751,025.
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- Kelly, Earl M. 2,772,234.
- Kelly, Earl M., and Kivari. 2,775,556.
- Process Evaluation and Development Corp.: *See—*
- Birney, Clarence, and Steck. 2,771,361.
- Process Machinery Co., Inc.: *See—*
- Beery, John C. 2,761,221.
- Processed Metals Corp.: *See—*
- Touceda, Enrique G. 2,759,830.
- Prochaska, Robert J., to General Electric Co. Carboxymethylhexamethyldiethylenetrioxane. 2,763,675, 9-18-56, Cl. 260-448.2.
- Procos, Steve J. Master bomb rainer. 2,741,159, 4-10-56, Cl. 89-1.5.
- Procter, Bryant S. Golf club, bag and accessory cart. 2,764,139, 1-10-56, Cl. 290-47.23.
- Procter & Gamble Co., The: *See—*
- Anderson, Donald C. 2,746,363.
- Bckey, Eddy W. 2,739,942.
- Hawley, Harold K., and Dobson. 2,733,251.
- Head, Robert C. 2,748,070.
- Holman, George W., Leacock, and Wille. 2,738,278.
- Korpi, Edwin O., and Whyte. 2,742,433.
- McCune, Homer W. 2,739,943.
- Sanders, Judson H. 2,751,328.
- Procter, Samuel A. Television sweep circuit. 2,742,591, 4-17-56, Cl. 315-27.
- Proctor Drying and Freezing Corp.: *See—*
- Colton, Ralph F. 2,751,762.
- Colton, Ralph F. 2,751,762.
- Proctor Electric Co.: *See—*
- Clapp, Daniel E. 2,749,406.
- Davis, Charles. 2,746,184.
- Kulicke, Frederick W., Jr. 2,748,512.
- Lawser, John J. 2,747,072.
- Vogelsberg, Walter H. 2,740,015.
- Wagner, Robert J. 2,748,305.
- Proctor, Hobart H.: *See—*
- Oglesby, La Grande, and Proctor. 2,750,318.
- Proctor, Peter G.: *See—*
- Goodlife, Arthur W., and Proctor. 2,731,280.
- Proctor & Schwartz, Inc.: *See—*
- Black, Harold G. 2,732,631.
- Fleming, Myron T. 2,746,171.
- Franklin, John J. 2,753,706.
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- Glassford, Donald C., and Redman. 2,773,295.
- Powischill, John W., and Hyde. 2,749,736.
- Senior, John H., and Powischill. 2,737,691.
- Thygeson, John R. 2,736,088.
- Thygeson, John R. 2,743,488.
- Wilson, Jack P., and Marshall. 2,746,170.
- Proctor, Sidney E., to Austin Hoy and Co. Ltd. Tool-carrying chains having ball and socket connections between links. 2,733,965, 2-7-56, Cl. 262-33.
- Proctor, Sidney E., to Austin Hoy and Co. Ltd. Coal cutting machine having a vertically movable cutter chain. 2,755,077, 7-17-56, Cl. 262-30.
- Proctor, Sidney E., to Austin Hoy and Co. Ltd. Tool carrying chains for use on coal cutters and the like. 2,773,394, 12-11-56, Cl. 74-246.
- Production Lathe, Inc.: *See—*
- Morgan, William S. 2,762,129.
- Production Machine Co.: *See—*
- Fuller, Rufus W., and Cole. 2,754,632.
- Fuller, Rufus W., and Cole. 2,754,640.
- Production and Marketing Co.: *See—*
- Sidenius, Widmer C. 2,771,229.
- Productive Equipment Co.: *See—*
- Lehman, Lewis H. 2,759,391.
- Productive Inventions, Inc.: *See—*
- Anderson, John W. 2,767,733.
- Anderson, John W. 2,767,734.
- Krohm, Fred A. 2,728,934.
- Krohm, Fred A. 2,730,078.
- Krohm, Fred A. 2,757,403.
- Krohm, Fred A. 2,761,168.
- Krohm, Fred A. 2,761,169.
- Krohm, Fred A. 2,761,429.
- Prince, John M. 2,751,128.
- Prince, John M. 2,759,255.
- Smulski, Theodore J. 2,749,158.
- Products Development Co.: *See—*
- Bond, Lewis W. 2,740,826.
- Products & Licensing Corp.: *See—*
- Toulon, Pierre M. G. 2,736,235.
- Toulon, Pierre M. G. 2,738,442.
- Toulon, Pierre M. G. 2,744,158.
- Toulon, Pierre M. G. 2,744,919.
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- Toulon, Pierre M. G. 2,760,119.
- Proell, Wayne A., to Standard Oil Co. Preparation of thiamines. 2,754,328, 7-10-56, Cl. 260-583.
- Proffitt, John R. Mold holder having clamping jaws. 2,735,126, 2-21-56, Cl. 15-147.
- Profit Machinery Co., Inc.: *See—*
- Bruneau, Louis O., and Boudreau. 2,750,186.
- Profit, William B. Fuel purifier. 2,755,983, 7-24-56, Cl. 210-51.
- Proffitt, Ira J. Combined soap and razor blade receptacle. 2,745,211, 5-15-56, Cl. 45-28.
- Profos, Paul, to Sulzer Freres, Societe Anonyme. Method for degasifying water. 2,747,731, 12-18-56, Cl. 210-13.
- Progress Mfg. Co., Inc.: *See—*
- Lane, David. 2,737,635.
- Progressive Engineering, Inc.: *See—*
- Swanson, Kenneth P. 2,735,234.
- Prohaska, Charles T. Miniature road builder. 2,734,664, 2-14-56, Cl. 222-176.
- Prohaska, James J.: *See—*
- Hensgen, Bernard T., Reichel, and Prohaska. 2,755,731.
- Prohaska, James J., to Swift & Co. Packaging apparatus. 2,730,281, 1-10-56, Cl. 226-56.
- Promo Corp.: *See—*
- Wood, Robert C. 2,761,457.
- Promundo: *See—*
- Handschin, Max G. 2,766,323.
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- Handschin, Max G., and Spiesser. 2,766,328.
- Proniecki, Eugene F. Fluid pump or motor. 2,730,956, 1-17-56, Cl. 103-125.
- Pronluk, George: *See—*
- Ochepintti, Rosario, Giardinelli, and Pronluk. 2,747,075.
- Pro-Nyl Chemicals, Inc.: *See—*
- Hendrix, Palmer G. 2,763,618.
- Propack, Inc.: *See—*
- Eaton, Mark S. 2,735,195.
- Pro-Phy-Incitic Brush Co.: *See—*
- Maynard, Charles E. 2,760,827.
- Proportioners, Inc.: *See—*
- Munroe, Henry F. 2,749,122.



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 Prosek, John R., to Whirlpool-Seeger Corp. Four way reversing valve. 2,758,447, 8-14-56, Cl. 62-4.  
 Prosek, John R., and J. S. Palmer, to Whirlpool-Seeger Corp. Air conditioning systems for automatically heating and cooling an enclosed air space. 2,771,748, 11-27-56, Cl. 62-4.  
 Prosen, Emil M., to Nobilium Products, Inc. Centrifugal casting machine for making dental castings. 2,749,585, 6-28-56, Cl. 250-65.1.  
 Proskauer, Richard: *See—*  
   Vacquier, Victor, Cope, and Proskauer. 2,729,108.  
 Pross, William C., and A. H. Ryon, to Bendix Aviation Corp. Pressure indicating device. 2,761,411, 9-4-56, Cl. 116-34.  
 Prosser, Louis F., to Celanese Corp. of America. Cartons. 2,764,285, 9-25-56, Cl. 206-65.  
 Prosser, Clinton D., to International Harvester Co. Wagon elevator throwout clutch for agricultural implements. Re. 24,151, 5-15-56, Cl. 56-15.  
 Prosser, Thomas W. Protective housing for instruments. 2,773,388, 12-17-56, Cl. 73-431.  
 Prot, Marcel, to Societe Industrielle de Liaisons Electriques. Elastic clamp for fixation of rails. 2,772,835, 12-4-56, Cl. 238-349.  
 Protect-ears, Inc.: *See—*  
   Kindel, Elmore A. 2,754,519.  
 Protection Equipment Co., Inc.: *See—*  
   Hanson, Edward C. 2,763,446.  
   Jones, Earle M. 2,751,838.  
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   Gross, Arthur G. 2,758,805.  
 Protectoseal Co. The: *See—*  
   Anschütz, Rudolph J. 2,732,972.  
   Lisciani, Constantine. 2,755,971.  
   Lisciani, Constantine. 2,758,018.  
   Lisciani, Constantine. 2,764,317.  
   Lisciani, Constantine. 2,764,318.  
   Lisciani, Constantine. 2,770,390.  
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   Cohn, Edwin J. 2,770,616.  
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   Christensen, Olaf. 2,740,172.  
 Protz, Edward H., to Carter Parvett Co. Electrical receptacle. 2,736,875, 2-28-56, Cl. 339-198.  
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   Judd, Sebastian F., and Protzeller. 2,747,850.  
 Protzman, Thomas F., to Rohm & Haas Co. Acceleration of Polymerization of acrylate esters with a thiophenol, a diacyl peroxide, and a tertiary amine. 2,744,586, 5-8-56, Cl. 260-89.5.  
 Protzmann, Donald E., to General Electric Co. Dial illuminator. 2,745,946, 5-15-56, Cl. 240-2.1.  
 Protzmann, Donald E., E. A. Phaneuf, and M. G. Doyle, to General Electric Co. Timing device. 2,765,332, 10-23-56, Cl. 317-99.  
 Proud, Ralph A. Machine for cutting slide fastener strips. 2,754,908, 7-17-56, Cl. 164-49.  
 Prough, James L. Vehicle jack. 2,730,327, 1-10-56, Cl. 254-133.  
 Prouty, Myron R. Marbling attachment unit for batch-type ice-cream freezer. 2,762,813, 9-11-56, Cl. 107-1.  
 Provenzano, Gaetano. Safety door for aeroplanes. 2,754,904, 7-17-56, Cl. 160-371.  
 Province, John H., to Phillips Petroleum Co. Air actuated control system. 2,730,910, 1-17-56, Cl. 74-472.  
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 Prucknicki, Andrew H., F. P. Hennessy, and W. J. Berrigan, to General Electric Co. Hobbing type apparatus and method for grinding gears. 2,729,033, 1-3-56, Cl. 51-32.  
 Pruehn, Glenn L.: *See—*  
   Allerton, George L., and Pruehn. 2,752,661.  
 Pruehs, Leslie L., to General Electric Co. Temperature control for auxiliary compartments for refrigerators. 2,758,821, 8-14-56, Cl. 257-9.  
 Pruitt, Albert P., to Westinghouse Electric Corp. Temperature-compensated inductor. 2,769,092, 10-30-56, Cl. 250-40.  
 Pruitt, Harvey E. Grinding machine. 2,741,072, 4-10-56, Cl. 51-101.  
 Pruitt, Rodman C., to Seymour Tool & Engineering Co., Inc. Fabricated metal ironing table. 2,766,537, 10-16-56, Cl. 38-123.  
 Pruitt, Selma. Continuous supply paint roller. 2,751,618, 6-26-56, Cl. 15-128.  
 Pru-Lesco, Inc.: *See—*  
   Prew, Howard A. 2,735,609.  
 Prupis, Robert I., to Conmar Products Corp. Manufacture of sliders for slide fasteners. 2,756,491, 7-31-56, Cl. 29-409.  
 Prusick, Jan H., and V. P. Gregory, to Armour and Co. Chemical treatment of flood waters used in secondary oil recovery. 2,733,206, 1-31-56, Cl. 252-8.55.  
 Prusinski, Stanley. Flexible hand saw. 2,752,964, 7-3-56, Cl. 250-143.  
 Prust, Alvin F.: *See—*  
   Loveland, Theron A., Jr., and Prust. 2,769,774.  
 Prutton, Carl F., W. S. Miller, and L. C. Hirdler, to Olin Mathieson Chemical Corp. The separate recovery of ammonia and hydrogen chloride from ammonium chloride. 2,739,749, 2-21-56, Cl. 23-154.  
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   Margueron, Donald L., and Pryga. 2,767,395.  
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   Pryne, Ralph. 2,741,972.  
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   Douglas, Bradley C., and Pryor. 2,745,482.  
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 Przybelski, Andrzej B.: *See—*  
   Hupert, Julius J., Przybelski, and Ringer. 2,770,727.  
 Przybyski, Daniel F. Grave digger. 2,754,977, 7-17-56, Cl. 212-67.  
 Przybyski, Daniel F. Offset boom for digging machines. 2,754,985, 7-17-56, Cl. 214-147.  
 Przybyski, Daniel F. Boom and boom-operating means for dipper stick. 2,770,379, 11-13-56, Cl. 214-147.  
 Przysiecki, Theodore I., to Teletype Corp. Answer back device for printing telegraph systems. 2,752,414, 6-26-56, Cl. 178-4.  
 Psenka, Joseph A.: *See—*  
   Anthony, Russell W., and Psenka. 2,730,793.  
 Psoras, Dennis J., and W. C. Brown. Automatic headlight control. 2,729,767, 1-3-56, Cl. 315-83.  
 Psychological Research Associates Corp.: *See—*  
   Parsons, Henry M. 2,735,127.  
 Psezgon, Walter. Gauge. 2,733,518, 2-7-56, Cl. 33-197.  
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   Sullivan, Vincent A., Jr., and Ptasinski. 2,768,957.  
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   Beroza, Morton. 2,764,517.  
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   Fleischel, Gaston. 2,738,683.  
   Fleischel, Gaston. 2,738,968.  
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   Lorenzsonn, Eugen H. 2,745,596.  
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   Orlesbach, Gilbert O. 2,769,979.  
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 Pucci, Joseph, S. Bobb, and I. B. Rachman, to P. B. R. Mfg. Co. Folding sectional top table. 2,755,153, 7-17-56, Cl. 311-90.  
 Puccinelli Packing Co.: *See—*  
   Puccinelli, Romolo L. 2,755,835.  
 Puccinelli, Romolo L., to Puccinelli Packing Co. Vertical axis disc onion slicer. 2,755,835, 7-24-56, Cl. 146-78.  
 Puccinelli, Sylvio: *See—*  
   De Back, William, Puccinelli, and McCloud. 2,738,819.  
 Pucel, Edward L.: *See—*  
   Schmidt, Edward C., Jr. 2,764,447.  
 Pucher, Leo E., and J. F. Szabo, to The Electric Storage Battery Co. Battery and method of manufacture. 2,742,520, 4-17-56, Cl. 136-111.  
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   Wallace, Halbert C., and Puckering. 2,731,246.  
 Puckett, Robert L., ½ to Gunter & Zimmerman Const. Div., Inc. Stud welder. 2,745,933, 5-15-56, Cl. 219-4.  
 Puckette, Walter W. Turkey caller. 2,745,215, 5-15-56, Cl. 46-180.  
 Puddington, Ira E., A. F. Sirianni, and J. R. Farnand, to National Research Council. Translucency of lubricating oils. 2,767,122, 10-16-56, Cl. 196-42.  
 Puddy, Leo C. Tool boxes. 2,747,780, 5-29-56, Cl. 224-42.  
 Puerner, George O., and J. R. Twinam, to P. R. Mallory & Co., Inc. U. H. F. tuner. 2,759,158, 8-14-56, Cl. 836-87.  
 Puetzer, Bruno, L. Katz, and L. Horwitz, to Schenley Industries, Inc. Process for the production of n-vinylpyrrolidone-2. 2,775,599, 12-25-56, Cl. 260-326.5.  
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   Stein, Sidney J., and Pugh. 2,769,944.  
 Pugh, James E., Jr. Nut holder with resilient fingers. 2,768,543, 10-30-56, Cl. 81-13.  
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   Hoglan, Forest A., and Pugh. 2,751,408.  
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   Hawkins, James E., and Pugh. 2,757,750.  
 Pugliesi, Alphonse, and R. S. Komarnitsky, to Rockwell Spring and Axle Co. Mount for metallographic specimens. 2,746,704, 5-22-56, Cl. 243-175.  
 Pugsley, Donald J. D., to Pye Ltd. Synchronizing arrangement particularly for television apparatus. 2,752,423, 6-26-56, Cl. 178-69.5.  
 Pugsley, Donald J. D., to Pye Ltd. Synchronizing arrangement particularly for television apparatus. 2,752,424, 6-26-56, Cl. 178-69.5.

- Pugsley, Donald J. D., to Pye Ltd. Television waveform generator. 2,766,379, 10-9-56, Cl. 250-36.
- Puhl, John M. Pouring holders for milk cartons. 2,757,034, 7-31-56, Cl. 294-31.
- Puhr-Westerheide, Jürgen, to The Babcock & Wilcox Co. Tube surface cleaning apparatus for tubular heat exchangers. 2,762,610, 9-11-56, Cl. 257-1.
- Puhr-Westerheide, Jürgen, to The Babcock & Wilcox Co. Device for uniform distribution of material over a horizontal cross-sectional area of a vertically extending zone. 2,765,588, 10-9-56, Cl. 51-9.
- Pujol y Font, Juan L. Machine for closing ampoules. 2,729,378, 1-3-56, Cl. 226-82.2.
- Pullard, Kenneth B., to United Shoe Machinery Corp. Cement lasting machines. 2,768,395, 10-30-56, Cl. 12-8.8.
- Pull, Burnard T., G. A. Fahlberg, and L. E. Hayne. Machine for and method of cleaning rugs. 2,729,536, 1-3-56, Cl. 8-149.3.
- Pullen, Alfred N. D., and E. D. Swann, to The British Aluminium Co. Ltd. Treatment of the surfaces of aluminum or aluminum alloys. 2,750,509, 6-12-56, Cl. 134-42.
- Pullen, Alfred N. D., to The British Aluminium Co. Ltd. Apparatus for continuous electrolytic treatment of articles. 2,764,542, 9-25-56, Cl. 204-211.
- Pullen, Edward A., to See—  
Backlund, Peter S., and Pullen. 2,748,056.
- Pullen, Fred W., to Bissell Carpet Sweeper Co. Carpet sweeper and brush cleaning combs therefor. 2,770,825, 11-20-56, Cl. 15-48.
- Pullen, Raymond R. Combination salt and pepper shaker. 2,735,584, 2-21-56, Cl. 222-142.1.
- Pullen, Raymond R. Heat saving unit. 2,764,391, 9-25-56, Cl. 257-166.
- Pullers (Aust.) Ltd., to See—  
Arthur, John L. 2,764,896.
- Pulliam, Dudley C. Method of assembling a filament and support. 2,731,707, 1-24-56, Cl. 29-155.5.
- Pullin, Cyril, to Rotorgiro Co. of America. Helicopter rotor control mechanism. 2,761,521, 9-4-56, Cl. 170-160.26.
- Pullman, Joseph C., to See—  
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- Pullman, Joseph C., and R. B. Porter, Jr., to American Cyanamid Co. Antioxidant wrapper for foods. 2,758,032, 8-7-56, Cl. 99-179.
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Adler, Franklin P. 2,759,432.  
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Murphy, Frank L., Haman, and Kay. 2,732,814.  
Norby, Harold L. 2,731,924.  
Osner, Clarence W. 2,740,154.  
Osner, Clarence W. 2,746,063.  
Peterson, William H. 2,735,517.  
Shaver, William R. 2,756,465.
- Pullum, Cecil R., and T. R. Harvey, to Olin Mathieson Chemical Corp. Packaging of explosives. 2,734,623, 2-14-56, Cl. 206-3.
- Pulman, William E. R., to C. V. A. Jigs, Moulds & Tools Ltd. Operating mechanism for chucks, clutches and like devices. 2,730,371, 1-10-56, Cl. 279-50.
- Pulman, William E. R., to C. V. A. Jigs, Moulds & Tools Ltd. Operating mechanism for reciprocating turret slides and indexing the turret thereon in machine tools. 2,735,161, 2-21-56, Cl. 29-44.
- Pulman, William E. R., to C. V. A. Jigs, Moulds & Tools Ltd. Gear transmissions. 2,748,451, 6-5-56, Cl. 29-46.
- Pulman, William E. R., to C. V. A. Jigs, Moulds & Tools Ltd. Indexing mechanism for the turrets of automatic machine tools. 2,734,699, 1-1-56, Cl. 74-81.3.
- Pulman, William E. R., to C. V. A. Jigs, Moulds & Tools Ltd. Work feeding mechanism for automatic machine tools. 2,763,365, 9-18-56, Cl. 203-150.
- Pulmosan Safety Equipment Corp., to See—  
Garelick, Judith J. 2,733,776.
- Pulp and Paper Research Institute of Canada, to See—  
Ross, James H. 2,749,240.
- Pulp-Reproduction Co., to See—  
Nelson, Arthur J. 2,748,260.  
Risch, Arthur H. 2,732,119.
- Puls, Alfred E., and D. R. Hoag, to Babee-Tenda License Corp. Adjustable canopy. 2,772,684, 12-4-56, Cl. 135-5.
- Pul, Erich, to Automatic control device for the gear transmission of an internal combustion engine. 2,737,058, 3-6-56, Cl. 74-472.
- Pulsford, Edgar W., to National Research Development Corp. Logarithmic pulse rate meter. 2,762,974, 9-11-56, Cl. 324-78.
- Pulsifer, Clarence D., to See—  
Montgomery, Donald H., and Pulsifer. 2,771,181.
- Pulsifer, Marie. Discardable underwear garment shield. 2,747,193, 5-29-56, Cl. 2-56.
- Pulver, Lynn E. Fishing lure. 2,774,171, 12-18-56, Cl. 43-42.19.
- Pulver, Willis C., to See—  
Velten, Frank X., and Pulver. 2,753,039.
- Pumpelly, Charles T., to The Dow Chemical Co. Partial esters of the aliphatic polyhydric alcohols with  $\alpha,\alpha$ -dichloropropionic acid. 2,734,076, 2-7-56, Cl. 260-487.
- Pumphrey, Howard F., to See—  
Jenkins, Herbert B. L., and Pumphrey. 2,742,943.
- Punch Engineering Pty. Ltd., to See—  
Skillman, Thomas S. 2,733,833.  
Skillman, Thomas S. 2,738,867.
- Punte, William F., to Continental Can Co., Inc. Combined cover and lever-operated clamping ring for drums. 2,753,203, 7-3-56, Cl. 292-256.69.
- Punte, William F., to Continental Can Co., Inc. Toggle-operated closure fastener. 2,772,907, 12-4-56, Cl. 292-256.69.
- Puranen, Maunu, and A. A. Kahma, to Canadian Airborne Geophysics Ltd. Method for inductive prospecting. 2,741,736, 4-10-56, Cl. 324-4.
- Purcell, Edward M., to the United States of America as represented by the Secretary of the Navy. Wave polarization measuring system. 2,775,737, 12-25-56, Cl. 324-58.
- Purcell, Edward M., D. D. Montgomery, and C. G. Montgomery, deceased (by D. D. Montgomery, administratrix), to the United States of America as represented by the Secretary of the Navy. Wave polarization discriminating duplexing system. 2,761,059, 8-28-56, Cl. 250-13.
- Purcell, Howard M. Hydraulic accumulator. 2,731,038, 1-17-56, Cl. 138-30.
- Purcell, Robert B., to See—  
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- Purchas, John G., to See—  
Houlderfort, Peter T., and Purchas. 2,730,646.
- Purchas, William J., Jr., to General Motors Corp. Hydraulic valve lifter. 2,766,745, 10-16-56, Cl. 123-30.
- Purchas, William J., Jr., and E. Orent, to General Motors Corp. Adjustable spray nozzle. 2,751,253, 6-19-56, Cl. 299-118.
- Purchas, William J., Jr., and J. R. Vickers, to General Motors Corp. Fuel injection device. 2,762,654, 9-11-56, Cl. 299-107.2.
- Purchase, Earl R., to E. I. du Pont de Nemours and Co. Vapor drying of cellulose. 2,773,865, 12-11-56, Cl. 260-29.
- Purdie, William H., P. Jackson, and J. G. Gunn, to William Dofxord and Sons Ltd. Fuel injection systems for internal-combustion engines. 2,734,492, 2-14-56, Cl. 123-41.
- Purdie, William H., and P. Jackson, to William Dofxord and Sons Ltd. Opposed piston two-stroke cycle internal combustion engines. 2,737,162, 3-6-56, Cl. 123-41.
- Purdie, William H., and P. Jackson, to William Dofxord and Sons Ltd. Fuel injection systems for internal combustion engines. 2,754,813, 7-17-56, Cl. 123-139.
- Purdie, William H., and P. Jackson, to William Dofxord and Sons Ltd. Fuel injection systems for internal combustion engines. 2,760,334, 8-28-56, Cl. 60-16.
- Purdie, William H., and P. Jackson, to William Dofxord & Sons Ltd. Means for supplying combustion air to internal combustion engines. 2,769,302, 11-6-56, Cl. 60-13.
- Purdie Research Foundation, to See—  
Baranaukas, Charles F., and McBee. 2,767,225.  
Data, John B., and Sutton. 2,764,615.  
George, Roscoe H. 2,737,588.  
Irkhorovitz, Karl, and Whaley. 2,745,046.  
Shreve, Randolph N., and Charlesworth. 2,744,116.  
Sperandio, Glen J., and Ward. 2,742,396.  
Whaley, Randall M., and Andrews. 2,763,935.
- Purdie University, to See—  
Hawkins, George A. 2,774,281.
- Purdy, Berton A., to Klekhafer Corp. Breaker adjustment for magnetos. 2,752,437, 6-26-56, Cl. 200-31.
- Purdy, Chester A., to Western Electric Co., Inc. Tension control apparatus for thermal vaporizing coating device. 2,750,921, 6-19-56, Cl. 138-11.
- Purdy, Frederick A. Door-operators. 2,758,836, 8-14-56, Cl. 268-59.
- Purdy, Harold C., to H. C. Purdy and E. H. Phillips. Method of photographic duplicating using print-out emulsions. 2,759,994, 2-7-56, Cl. 93-5.
- Purdy, Kenneth C. Extension blade guard attachment for double edge safety razors. 2,745,175, 5-15-56, Cl. 30-31.
- Purdy, Kenneth D., to See—  
Kurth, Clarence F., and Purdy. 2,765,395.
- Pure Oil Co., to See—  
Annable, Weldon G. 2,769,764.  
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Annable, Weldon G., and Haines. 2,769,759.  
Annable, Weldon G., and Haines. 2,769,763.  
Annable, Weldon G., Haines, and Lucas. 2,755,226.  
Annable, Weldon G., Hutchings, and Lucas. 2,769,760.  
Annable, Weldon G., Hutchings, and Lucas. 2,769,761.  
Annable, Weldon G., Hutchings, and Lucas. 2,769,762.  
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Barnes, W., and George. 2,761,823.  
Beber, Oral L., and Woertz. 2,746,561.  
Bond, Donald C. 2,742,092.  
Bond, Donald C. 2,761,512.  
Bond, Donald C. 2,765,551.  
Bond, Donald C. 2,762,951.  
Bond, Donald C., and Holbrook. 2,772,737.  
Bond, Donald C., and Lorenz. 2,765,039.  
Boxell, Samuel E., Richter, R. E. and C. R. Hall, and Dane. 2,750,815.  
Cook, George R., and Manteuffer. 2,764,549.  
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- Pure Oil Co. The: *See*—Continued  
 Pierce, William L., and Crosby. 2,769,768.  
 Polkins, Hillis O., and Kempf. 2,769,766.  
 Holbrook, Orin C. 2,742,425.  
 Hutchings, Le Roi E. 2,761,815.  
 Hutchings, Le Roi E., and Marisc. 2,769,753.  
 Irion, Daniel P. 2,741,914.  
 Lucas, Kenneth. 2,753,227.  
 Marisc, Milton M., and Hennig. 2,764,622.  
 Marsh, Glenn A. 2,755,166.  
 Marshall, William A., and Steinger. 2,751,349.  
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 Matthews, Thomas A., II. 2,761,765.  
 Millikan, Allen F. 2,773,919.  
 Moennig, William K., and Holbrook. 2,769,335.  
 Moritz, Roy W. 2,746,163.  
 Porter, Charles A., and Marx. 2,753,292.  
 Sandner, Walter J., and Fiers. 2,775,545.  
 Strucker, Joseph B., and Brennan. 2,755,305.  
 Stucker, Joseph B., and Fronczak. 2,755,248.  
 Stucker, Joseph B., Williams, and Wolfram. 2,764,550.  
 Thodos, George, and Stutzman. 2,753,012.  
 Purcell, Mario J. Method of operating a purse seine with a power block unit. 2,733,530, 2-7-56, Cl. 43-8.  
 Poretic, Mario J. Net handling apparatus. 2,733,531, 2-7-56, Cl. 43-8.  
 Purex Corp. Ltd.: *See*—  
 Verserstein, Robert M. 2,773,904.  
 Purifoy, George R., and F. H. Fowler, to Westinghouse Electric Corp. Traction motor control. 2,748,335, 5-29-56, Cl. 318-274.  
 Purington, Ellison S., to J. H. Hammond, Jr. Reactance networks with structural symmetry. 2,762,018, 9-4-56, Cl. 333-75.  
 Purington, Ellison S., to J. H. Hammond, Jr. Television transmission system. 2,764,630, 9-25-56, Cl. 178-5.8.  
 Puritan Compressed Gas Corp.: *See*—  
 Vitchea, James F., and Hemeney. 2,771,308.  
 Purkert, Fred L., to Purkert Mfg. Co. Laundry pre-drying, skatout and conditioning tumbler. 2,768,451, 10-30-56, Cl. 34-87.  
 Purkert Mfg. Co.: *See*—  
 Purkert, Fred L. 2,768,451.  
 Purl, John H. Altitude controller. 2,756,009, 7-24-56, Cl. 24-77.  
 Purnall, Alfred. Stop member for locating an end tab in position to be severed from a strip of tabs. 2,766,823, 10-16-56, Cl. 164-44.  
 Purnort, Louis E. Filter leaves. 2,731,156, 1-17-56, Cl. 210-195.  
 Purnort, Louis E. Filter. 2,731,157, 1-17-56, Cl. 210-200.  
 Purnort, Louis E. Filter. 2,765,083, 10-2-56, Cl. 210-182.  
 Purnell, James T.: *See*—  
 Yeandle, William W., Carter, and Purnell. 2,770,008.  
 Purolator Products, Inc.: *See*—  
 McCoy, Marion C. 2,733,339.  
 McCoy, Marion M. 2,733,855.  
 Kovacs, Julius P. 2,743,017.  
 Kovacs, Julius P. 2,743,019.  
 Wilhelm, John R. 2,751,084.  
 Purpura, August C. Timing mechanism for a cooking vessel. 2,752,424, 10-16-56, Cl. 95-338.  
 Purpura, August C. Aircraft having feathering airfoils. 2,739,768, 8-27-56, Cl. 244-4.  
 Pursche, Harry A. Rear wheel assembly for two-way plow. 2,760,420, 8-28-56, Cl. 97-26.  
 Pursa, John H.: *See*—  
 Schoonover, Archie G., Feild, and Pursa. 2,743,991.  
 Schoonover, Archie G., Feild, and Pursa. 2,743,992.  
 Purviance, Nathan M. Building block construction. 2,735,146, 2-21-56, Cl. 20-92.  
 Purvis, Joseph T., to A. V. Roe Canada Ltd. Rotor blade locking device. 2,761,648, 9-4-56, Cl. 253-77.  
 Purvis, Lafayette M.: *See*—  
 Stansbury, William M. 2,772,491.  
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 Dilworth, John P., and Puryear. 2,755,256.  
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 Puse, Valentin C., and H. Lawry, to The Goodyear Tire & Rubber Co. Brake having coil spring fastener therein. 2,756,847, 7-31-56, Cl. 188-234.  
 Puste, Joseph. Fish lure. 2,750,703, 6-19-56, Cl. 43-42.21.  
 Puster, Louis M., to Robertshaw-Fulton Controls Co. Fluid mixing device. 2,752,095, 6-26-56, Cl. 236-12.  
 Puster, Louis M., to Robertshaw-Fulton Controls Co. Temperature regulator. 2,765,984, 10-9-56, Cl. 236-34.  
 Puster, Louis M., to Robertshaw-Fulton Controls Co. Thermocouple locking device. 2,765,985, 10-9-56, Cl. 238-68.  
 Putifer, Robert E. Uniform seed cover attachment for listers. 2,771,044, 11-20-56, Cl. 111-85.  
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 Putman, Lawson H. Yarn stripper. 2,736,962, 3-6-56, Cl. 30-294.  
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 Putnam, Frank R. Cotton picker. 2,774,208, 12-18-56, Cl. 56-48.  
 Putnam, Tracy J. Device for training animals. 2,741,224, 4-10-56, Cl. 119-29.  
 Putt, James W. Manufacture of alkyl aryl sulfonates. 2,773,896, 12-11-56, Cl. 260-305.  
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 Schmidt, Karl, Müller, Pütter, Suckfüll, and Dittmar. 2,753,344.  
 Putterman, Lucy. Collapsible utility cart with removable container. 2,733,930, 2-7-56, Cl. 250-41.  
 Puttman, Ernest G., to Kaiser Steel Corp. Cooling device. 2,738,886, 3-20-56, Cl. 214-17.  
 Putzer, Hans: *See*—  
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 Puzarowski, Stanley J., now by change of name to Stanley J. Prazer, to G. Miller. Reverse flow cleanable aquarium filter. 2,770,366, 11-13-56, Cl. 210-98.  
 Pyciak, Roman J., to Kent-Moore Organization, Inc. Carbon blaster mechanism. 2,730,842, 1-17-56, Cl. 51-8.  
 Pye, David J., to The Dow Chemical Co. Oxychlorination of hydrocarbons. 2,752,402, 6-26-56, Cl. 260-659.  
 Pye, David J., to The Dow Chemical Co. Preparation of ethylene glycol. 2,770,656, 11-13-56, Cl. 260-635.  
 Pye, Donald G.: *See*—  
 O'Flynn, Denis J., and Pye. 2,739,058.  
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 Cope, John E., and Fisher. 2,774,865.  
 Edwards, Baden J. 2,756,364.  
 Fuller, Dennis Q. 2,747,165.  
 Fuller, Dennis Q. 2,771,561.  
 Gregory, William L., and Holmes. 2,743,324.  
 Jackson, Donald. 2,762,860.  
 Lawrence, Nathaniel O. 2,753,395.  
 Lax, Ladislav. 2,762,922.  
 Parr, William G. 2,749,437.  
 Pugsley, Donald J. D. 2,752,423.  
 Pugsley, Donald J. D. 2,752,424.  
 Pugsley, Donald J. D. 2,766,379.  
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 Theile, Richard. 2,738,440.  
 Theile, Richard. 2,755,408.  
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 Pyes, Richard S. Rear tire carrier. 2,733,847, 2-7-56, Cl. 224-42.21.  
 Pyk, Herman T., to Atlas Copco Aktiebolaget. Hammer pistons for percussion apparatuses. 2,765,776, 10-9-56, Cl. 121-31.  
 Pyle, Cyrus: *See*—  
 Colburn, Allan P., Jones, and Pyle. 2,747,849.  
 Pyle, George H., to Hercules Powder Co. Cellulose derivatives and their method of preparation. 2,746,958, 5-22-56, Cl. 2-232.  
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 Fogg, Daniel A. 2,736,451.  
 Howard, John G. 2,736,855.  
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 Petersen, Clifford. 2,749,828.  
 Pyle, Patrick. Safety release clutch. 2,757,767, 8-7-56, Cl. 192-56.  
 Pyle, William D., 1/2 to E. C. Tharp. Watchmaker's oil cup. 2,738,031, 3-13-56, Cl. 184-1.  
 Pyral, Raymond E., to Beaumont Birch Co. Continuous operation cyclone receiver. 2,760,595, 8-28-56, Cl. 183-37.  
 Pyrate Sales, Inc.: *See*—  
 Kennedy, Merritt T., Jr., and Allen. 2,747,078.  
 Pyrene Co. Ltd. The: *See*—  
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 Allen, Scott E. 2,741,318.  
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 Pyruo, John W.: *See*—  
 Waterhouse, Charles L., Pyruo, and Thoms. 2,733,096.  
 Pyzel, Robert. Process for manufacturing hydraulic cement in rotary kilns. 2,758,828, 8-14-56, Cl. 263-53.  
 Q'Part, John H. Dispensing carton for pills or other small articles. 2,774,470, 12-18-56, Cl. 206-56.  
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 Quackebush, Robert C. Adjustable rotary shears. 2,728,985, 1-3-56, Cl. 30-265.  
 Quadbeck, Günter: *See*—  
 Kuhn, Richard, and Quadbeck. 2,751,409.  
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 Quaely, Martin F., to Westinghouse Electric Corp. Electroplating chromium-nickel alloy coatings. 2,739,108, 3-20-56, Cl. 204-43.  
 Quaely, Martin F., to Westinghouse Electric Corp. Black chromium-nickel-vanadium electrodeposits. 2,739,109, 3-20-56, Cl. 204-43.

- Quaely, Martin F. and W. C. Lillendahl, to Westinghouse Electric Corp. Protection of molybdenum and tungsten at high temperatures. 2,772,227, 11-27-56, Cl. 204-82.
- Quaglia, Lawrence T.: *See*—  
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- Quaglieri, Dario A.: *See*—  
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- Quakenbush, Howard M., to National Furniture Mfg. Co., Inc. Reclining chair. 2,749,970, 6-12-56, Cl. 155-106.
- Quaker Chemical Products Corp.: *See*—  
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- Quaker Oats Co.: *See*—  
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- Quaker Rubber Corp.: *See*—  
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- Qualitrol Corp.: *See*—  
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- Quality Park Box A, Inc.: *See*—  
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- Quam, Harold F. Discharge valves for pressure jugs. 2,770,402, 11-15-56, Cl. 222-400.7.
- Quarmby, Robert C., to United Shoe Machinery Corp. Nail distributor. 2,734,191, 2-14-56, Cl. 1-39.1.
- Quarmby, Robert C., to United Shoe Machinery Corp. Nail loaders. 2,768,377, 10-30-56, Cl. 1-100.
- Quartier, Harry C. Self-wetting wick composition. 2,753,705, 7-10-56, Cl. 1-71.1.
- Quasebarth, Edmund A., Jr. Tube packaged merchandising dispenser. 2,762,525, 9-11-56, Cl. 222-95.
- Quast, Gilbert W., to Chain Belt Co. Apparatus for kitchen waste grinders. 2,750,122, 6-12-56, Cl. 241-32.5.
- Quattlebaum, Joseph M.: *See*—  
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- Quayle, Arthur J. Hollow headed gavel with telescopic handle sections. 2,755,835, 7-24-56, Cl. 145-36.
- Quayle, George F., to Yale & Towne Mfg. Co. Caster wheel mounting for corner drive truck. 2,753,946, 7-10-56, Cl. 180-21.
- Quebec Iron and Titanium Corp.: *See*—  
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- Quebec Metallurgical Industries Ltd.: *See*—  
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Lichty, Lyall J., and Rasmussen. 2,772,959.  
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- Queen, Gladys H. 2,732,968, 1-3-56, Cl. 36-2.
- Queen Stove Works, Inc.: *See*—  
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- Queen's University: *See*—  
Butler, Roger M., and Plewes. 2,760,375.
- Queer, William C., Sr., to Inland Steel Co. Metal coating apparatus. 2,742,019, 4-17-56, Cl. 118-122.
- Queer, William C., Sr., to Inland Steel Co. Bearing construction. 2,753,229, 7-3-56, Cl. 308-121.
- Queisser, Roger J.: *See*—  
Geisler, Henry A., and Queisser. 2,746,245.
- Queneau, Augustin L. J. Method of chloridizing sintering of zinciferous materials with elimination of lead and similar contaminants. 2,756,136, 7-24-56, Cl. 75-5.
- Queneau, Augustin L. J. Method and apparatus for magnetic separation of ores. 2,766,888, 10-16-56, Cl. 209-219.
- Queneau, Augustin L. J. Apparatus for magnetic separation of ores. 2,772,777, 12-4-56, Cl. 209-219.
- Querccetti, Louis C., F. A. Palladino, and A. J. Marino. Tube flaring pliers. 2,736,360, 2-28-56, Cl. 153-79.
- Quest, J. F. Foundry Co.: *See*—  
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- Quest, John F., to J. F. Quest Foundry Co. Outlet box closure. 2,729,231, 1-3-56, Cl. 137-371.
- Quick, Robert C., to the United States of America as represented by the Secretary of the Navy. Sensitive time delay relay. 2,745,024, 5-8-56, Cl. 307-132.
- Quicktech (1928) Ltd.: *See*—  
Nasmyth, Alfred J. 2,731,118.
- Quigley, Donald G., to Phillips Petroleum Co. Pebble heater. 2,750,181, 6-12-56, Cl. 263-19.
- Quigg, Donald J., V. Scarth, and T. S. Stewart, to Phillips Petroleum Co. Conversion of hydrocarbons and recovery of conversion products. 2,739,877, 3-27-56, Cl. 23-260.
- Quillen, John D. Cylinder lock. 2,739,473, 8-27-56, Cl. 70-383.
- Quillinan, Michael J. Sput connection for flexible plate. 2,747,896, 5-29-56, Cl. 285-38.
- Quilter, Anthony R. J.: *See*—  
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- Quilter, John R. C. Parachute apparatus for retarding aircraft. 2,729,408, 1-3-56, Cl. 244-113.
- Quimby, Harvey. Cravat clasp. 2,732,602, 1-31-56, Cl. 24-49.
- Quimby, Ralph A., to The Heald Machine Co. Internal grinding machine. 2,758,427, 8-14-56, Cl. 51-95.
- Quin, James P.: *See*—  
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- Quinche, Albert, and E. Lecluyse. Apparatus for heat sealing the open end of flexible thermoplastic tubing. 2,762,421, 9-11-56, Cl. 154-42.
- Quinlan, Frank B., to United States of America as represented by the United States Atomic Energy Commission. Inspection conveying apparatus. 2,758,706, 8-14-56, Cl. 203-75.
- Quinlan, John F.: *See*—  
Lewis, Frederick J., Jr., and Quinlan. 2,745,391.
- Quinlan Pretzel Co., Inc.: *See*—  
Gipe, Harrison S. 2,736,276.
- Quinn, Edwin I. 2,739,944.  
Groff, Edwin I. 2,747,523.  
Groff, Edwin I. 2,747,524.
- Quinn, Bernard O., to Stewart-Warner Corp. Pulse frequency divider. 2,702,922, 9-15-56, Cl. 25-156.
- Quinn, Bert A. Stop for pneumatic door check. 2,753,587, 7-10-56, Cl. 16-66.
- Quinn, Clark E.: *See*—  
Martin, Edward J., and Quinn. 2,754,381.
- Quinn, Charles E. Artificial nest eggs. 2,771,057, 11-20-56, Cl. 119-45.
- Quinn, Edward, to United Shoe Machinery Corp. Machines for operating on the heel end portions of shoes. 2,740,138, 7-3-56, Cl. 12-12.
- Quinn, Edward, to United Shoe Machinery Corp. Slip-lasted shoe sewing machines. 2,742,005, 4-17-56, Cl. 112-36.
- Quinn, Edward, P. W. Senfelsen, and E. W. Stacey, deceased, by H. M. Stacey, executrix, to United Shoe Machinery Corp. Heel end lasting machines. 2,759,204, 8-21-56, Cl. 12-12.
- Quinn, Frederic R., to General Electric Co. Metal sulfide resistance elements. 2,740,030, 3-27-56, Cl. 201-63.
- Quinn, Harold E. Water gun and target. 2,759,731, 8-21-56, Cl. 12-12.
- Quinn, Jack H. Aqua disk. 2,762,063, 9-11-56, Cl. 9-21.
- Quinn, James E., to Streeter-Amet Co. Weight and center of gravity computing apparatus. 2,735,291, 2-21-56, Cl. 73-65.
- Quinn, Paul J., and W. H. Clark, Jr., to Curtiss-Wright Corp. Speed control system. 2,738,183, 3-13-56, Cl. 204-9.
- Quinn, William M.: *See*—  
Wester, Ralph C. 2,743,932.
- Quinn, William P. Pontics for dental bridges. 2,774,141, 12-18-56, Cl. 1-39.1.
- Quinones, Julio R., Jr. Double bucket. 2,738,893, 3-20-56, Cl. 220-23.4.
- Quinones, Luis, and R. Rodriguez, 33% to H. Jacobson, 33% to said Quinones, 33% to said Rodriguez, and 1% jointly. Combined spectacle and dangling ornaments. 2,766,541, 10-16-56, Cl. 41-34.
- Quintilian, Bartholomew F., to Gerotor May Corp. of Maryland. Pump or motor. 2,753,810, 7-10-56, Cl. 103-126.
- Quinton, Wayne E.,  $\frac{1}{2}$  to R. W. Wells and  $\frac{1}{2}$  to O. Bardahl. Methods and means for indicating contamination of lubricating oil. 2,752,566, 6-26-56, Cl. 324-65.
- Quiquerez, Joseph: *See*—  
Gislon, André, and Quiquerez. 2,759,874.
- Quirin, Edward J., to Frederic R. Harris, Inc. Sectional floating dry dock and coupling means therefor. 2,732,818, 1-31-56, Cl. 114-46.
- Quirk, Justin P., and L. G. P. Hafner, to Quirk Machinery Co. Shoe heel surfacing machine. 2,752,735, 7-3-56, Cl. 51-145.
- Quirk Machinery Co.: *See*—  
Babunovic, Momir, and Dalton. 2,771,108.  
Ponder, Raymond E., and Hafner. 2,739,324.
- Quirk, Justin P., and Hafner. 2,752,735.
- Quist, Clifford M. Arrow detching device. 2,742,064, 4-17-56, Cl. 144-289.
- Quist, Harold A., to Sun Oil Co. Tank float. 2,730,123, 1-10-56, Cl. 137-452.
- Quist, Harold A., to Sun Oil Co. Apparatus for determination of average temperature of fluids in storage. 2,746,293, 5-22-56, Cl. 73-353.
- Quist, Harold A., to Sun Oil Co. Pressure responsive liquid supply for breather valve. 2,747,601, 5-29-56, Cl. 13-253.
- Quist, Harold A., to Sun Oil Co. Liquid level and temperature indicator. 2,760,373, 8-28-56, Cl. 73-317.
- Quist, Harvey L. Calf delivering instrument. 2,774,353, 12-18-56, Cl. 128-552.
- Quist, Oscar, to Union-Sisal Machine Co. Sewing machines. 2,749,861, 6-12-56, Cl. 112-213.
- Quitmeyer, John W. Tuning devices. 2,761,994, 9-4-56, Cl. 315-76.
- Quittner, Victor, to General Radiological Ltd. Operation of X-ray tubes. 2,730,623, 1-10-56, Cl. 250-103.
- Quixel Products Co., Inc.: *See*—  
Rotheraier, Jerome H. 2,738,537.
- Quoniam, Jean M., to Saarbergwerke. Machine for installing metal mine props. 2,729,946, 1-10-56, Cl. 61-93.
- R. B. Mfg. Corp.: *See*—  
Kofoid, Orville. 2,746,795.
- R. K. Mfg. Co., Inc.: *See*—  
Kline, John T. 2,756,917.
- R-S Products Corp.: *See*—  
Hopkins, David W. 2,761,424.
- RTC Shipbuilding Corp.: *See*—  
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- R T & B Corp.: *See*—  
Link, Edwin A. 2,753,412.
- Raab, Edward L., and F. C. Gorsline, to General Electric Co. Treatment of halogenated insulating liquids. 2,734,926, 2-14-56, Cl. 260-649.
- Ranch, Francis A., Sr. Sorting aid. 2,765,925, 10-9-56, Cl. 211-11.



- Rabaseda, Juan C. Valve cap. 2,774,385, 12-18-56, Cl. 135-59.5.
- Rabb, Lionel, to Merit Mfg. Co., Inc. Temple hinge construction. 2,745,314, 5-15-56, Cl. 88-53.
- Rabbitt, Milton, and C. F. Binder, to Fram Corp. Combination seal and gasket for end of plated cartridge. 2,732,031, 1-24-56, Cl. 183-69.
- Rabushka, Joseph C., to National Container Corp. Box with readily attachable end closure. 2,736,485, 2-28-56, Cl. 229-23.
- Rabby, Joseph G., to National Container Corp. Box with inwardly telescoping cover. 2,736,486, 2-28-56, Cl. 229-43.
- Rabe, Karl, to Dr. Ing. h. c. F. Porsche K. G. Internally expanding shoe brakes. 2,758,680, 8-14-56, Cl. 188-152.
- Rabe, Karl, to Dr. Ing. h. c. F. Porsche K. G. Hydraulic clutch-actuating mechanism more particularly for motor vehicles. 2,758,686, 8-14-56, Cl. 192-35.
- Rabe, Karl, and L. Schmidt, to Dr. Ing. h. c. F. Porsche K. G. Lindependent wheel suspension for the steering wheels of automotive vehicles. 2,768,002, 10-23-56, Cl. 280-124.
- Rabenda, Edward J.: *See—*  
Koehler, Robert B., and Rabenda. 2,767,348.  
Mills, Albert W., Furman, and Rabenda. 2,734,610.
- Rabenda, Edward J., to International Business Machines Corp. Magnetic core converter and storage unit. 2,774,429, 12-18-56, Cl. 164-115.
- Rabenda, Edward J., and G. E. Whitney, to International Business Machines Corp. Intermediate magnetic core storage. 2,750,580, 6-12-56, Cl. 340-174.
- Rabeyzina, Hector. Spinning reel. 2,734,693, 2-14-56, Cl. 242-84.4.
- Rabeyzina, Hector. Sewing machines. 2,739,551, 3-27-56, Cl. 112-220.
- Rabeyzina, Hector. Sewing machine. 2,742,010, 4-17-56, Cl. 112-256.
- Rabeyzina, Hector. Sewing machine. 2,760,457, 8-28-56, Cl. 112-221.
- Rabeyzina, Hector. Sewing machine hook and bobbin race assembly. 2,773,464, 12-11-56, Cl. 112-228.
- Rabideau, Raymond J. Snow scoop. 2,742,719, 4-24-56, Cl. 123-123.
- Rabin, Stanley F., and M. Scisorek,  $\frac{1}{2}$  to J. Bayard,  $\frac{1}{2}$  to said Rabin, and  $\frac{1}{2}$  to said Scisorek. Flavored drinking straw machine and method. 2,753,267, 7-3-56, Cl. 99-138.
- Rabinovitch, Benjamin, and A. Rothgart, said Rabinovitch assor. to H. I. Sobel. Body supporting device. 2,769,486, Cl. 155-182.
- Rabinovitz, Isidor. Stocking welt. 2,729,083, 1-3-56, Cl. 66-172.
- Rabinow, Jacob. Automatic headlight dimmer insensitive to ordinary lights. 2,730,654, 1-10-56, Cl. 315-83.
- Rabinow, Jacob, to the United States of America as represented by the Secretary of Commerce. Selective multiple punch for card perforating. 2,732,900, 1-31-56, Cl. 164-111.
- Rabinow, Jacob, to Eaton Mfg. Co. Self-excited magnetic clutch. 2,732,921, 1-31-56, Cl. 192-215.
- Rabinow, Jacob. Bright-spot sensitive headlight dimmer. 2,734,149, 2-7-56, Cl. 315-83.
- Rabuse, George R., to Minnesota Mining & Mfg. Co. Tape roll and core. 2,772,774, 12-4-56, Cl. 206-59.
- Raby, Raymond: *See—*  
Lavalley, Leonard, and Raby. 2,764,353.
- Race, Austin T., Jr., and N. C. Heck, to Race & Race, Inc. Pipe guiding ribbed apron for irrigation pipe. 2,746,772, 5-22-56, Cl. 285-1.
- Race & Race, Inc.: *See—*  
Race, Austin T., Jr., and Heck. 2,746,772.
- Rachford, Henry H., Jr., to Esso Research and Engineering Corp. Fracturing subsurface formations and well stimulation. 2,766,828, 10-16-56, Cl. 166-36.
- Rachlin, Albert I.: *See—*  
Goldberg, Moses W., and Rachlin. 2,768,202.
- Rachlin, Eva: *See—*  
Rachlin, Max. 2,761,642.
- Rachlin, Max, deceased; H. Pollock and E. Rachlin, executors. Nail supported gutter hanger. 2,761,642, 9-4-56, Cl. 248-48.1.
- Rachman, Isadore B.: *See—*  
Fucci, Joseph, Bobb, and Rachman. 2,755,153.
- Rachman, Isadore B., and S. Bobb, to P. B. R. Mfg. Co. Collapsible stool. 2,759,528, 8-21-56, Cl. 155-137.
- Racine Hydraulics & Machinery Inc.: *See—*  
Kind, Frederick H. 2,759,455.
- Miller, George B., and Rynders. 2,764,941.
- Miller, Harold G., and Mourning. 2,764,801.
- Racine, Wallace N. Soap holder. 2,768,470, 10-30-56, Cl. 45-28.
- Racker, Frederick C., to The Jakes Foundry Co. Collapsible tow truck. 2,751,283, 6-19-56, Cl. 280-41.
- Raczynski, Walter A., to Hercules Powder Co. Preparation of acrylic anhydride. 2,738,368, 2-12-56, Cl. 260-546.
- Radack, Harry E., to Circle F Mfg. Co. Wire connector. 2,746,025, 5-15-56, Cl. 339-272.
- Radar Pneumatics & Engineering Co. Ltd.: *See—*  
Smith, William. 2,772,124.
- Rader, Arthur E., to Alan Wood Steel Co. Distillation of coal tar. 2,748,063, 5-29-56, Cl. 196-76.
- Radcliffe, Arthur J., Jr., to International Telephone and Telegraph Corp. Telephone system providing time-delayed distinctive call signalling. 2,736,886, 2-28-56, Cl. 340-286.
- Radcliffe, Arthur J., Jr., to International Telephone and Telegraph Corp. Compressor-expander volume-range control device. 2,757,246, 7-31-56, Cl. 179-171.
- Radcliffe, George E.: *See—*  
Pieschel, Walter L., and Radcliffe. 2,767,948.
- Raddatz, Howard W.: *See—*  
Schmitt, Roland G., Raddatz, and Swedberg. 2,765,234.
- Radde, Erich M. H. Carboxylic acids of the dicyclohexyl ethane series, and a process of making same. 2,773,893, 12-11-56, Cl. 260-178.
- Radde, Erich M. H. Dicyclohexyl ethane compounds, and a process of making same. 2,773,894, 12-11-56, Cl. 260-488.
- Radel, Aaron A., and P. W. Katz, to Globe Venetian Blind Corp. Unitary structures for Venetian blinds. 2,756,816, 7-31-56, Cl. 160-173.
- Rademaker, Raymond W.: *See—*  
Grzenkowski, Alfred E., and Rademaker. 2,748,736.
- Rademakers, Adriaan, and H. G. Bruyning, to Hartford National Bank and Trust Co., as trustee. Inductance assembly such as a transformer, for the transmission of pulses. 2,774,935, 12-18-56, Cl. 323-56.
- Rader, Donald A., to the United States of America as represented by the Secretary of the Navy. Support assembly. 2,756,957, 7-31-56, Cl. 248-185.
- Rader, James C. Non-sag gate latch. 2,746,783, 5-22-56, Cl. 129-173.
- Rader, William H.: *See—*  
Smith, Brook I., and Rader. 2,755,297.
- Radermacher, Karl, to L. & C. Stainmuller G. m. b. H. Stoking devices for fire grates. 2,751,060, 6-19-56, Cl. 198-50.
- Radiant-Aire Corp.: *See—*  
Whitney, Nicholas E. 2,734,445.
- Radiation, Inc.: *See—*  
Bennett, Alec R. 2,757,521.
- Bruck, George. 2,730,420.
- Radiator Specialty Co.: *See—*  
Dowell, Alvis V. 2,756,032.
- Radich, George, to Shell Development Co. Conveyor apparatus for containers. 2,765,898, 10-9-56, Cl. 198-32.
- Radin, Bernard G., to Ford Motor Co. Headlight dimmer. 2,763,809, 9-18-56, Cl. 315-83.
- Radio Corp. of America: *See—*  
Abbott, Roy C. 2,738,464.
- Abbott, Roy C. 2,747,029.
- Achenbach, John C., and Tourshow. 2,750,450.
- Albrecht, Harold D., Harralson, and Fricke. 2,759,135.
- Allen, Horace C. 2,738,503.
- Allwine, Harrison S. 2,747,134.
- Anderson, Earl I. 2,750,534.
- Anderson, Earl I. 2,756,284.
- Andrews, Dallas R. 2,751,274.
- Andrews, Dallas R. 2,760,063.
- Andrews, Dallas R. 2,760,137.
- Andrews, Kenneth E. 2,740,832.
- Anthony, Willard E. 2,767,342.
- Arams, Frank R. 2,770,734.
- Arbuckle, Frederick M. 2,750,498.
- Armstrong, Lorne D. 2,735,050.
- Armstrong, Lorne D., and Jenny. 2,750,542.
- Armstrong, Lorne D., and Panthechnikoff. 2,758,261.
- Artzt, Maurice. 2,769,856.
- Ayres, Jay J., and Shamin. 2,730,683.
- Ayres, William R. 2,767,244.
- Bach, Henry M. 2,756,283.
- Baer, John S. 2,730,309.
- Baer, John S. 2,751,458.
- Baer, John S. 2,762,297.
- Baker, Richard E., and Coveley. 2,774,964.
- Barco, Allen A. 2,742,527.
- Barco, Allen A. 2,750,438.
- Barco, Allen A. 2,762,874.
- Barkow, William H. 2,761,989.
- Barton, Loy E. 2,761,916.
- Barton, Loy E. 2,764,674.
- Batzle, William K., and Dale. 2,753,480.
- Bauer, Andrew. 2,752,675.
- Beard, Arthur D. 2,730,922.
- Beard, Arthur D. 2,734,134.
- Beard, Arthur D. 2,757,280.
- Beard, Arthur D., and Eberhard. 2,735,017.
- Bedford, Alda V. 2,735,010.
- Bedford, Alda V. 2,750,442.
- Bedford, Alda V. 2,757,286.
- Beers, George L. 2,763,524.
- Bendell, Sidney L. 2,763,805.
- Black, Otis D., and Walsh. 2,758,074.
- Bollinger, Waldon P. 2,774,067.
- Bradbury, Hollis D. 2,739,801.
- Bradley, George G., and Berge. 2,761,060.
- Briggs, George S., and Donahue. 2,757,108.
- Brockwell, Lloyd A., and Moule. 2,762,881.
- Brown, Barremore B., Kovach, and Seachrist. 2,768,326.
- Brumbaugh, John M. 2,763,833.
- Buder, Spurgeon H. 2,753,511.
- Burns, Leslie L., Jr. 2,759,102.
- Burns, Leslie L., Jr., and Roberts. 2,750,567.
- Burnside, Don G. 2,767,085.
- Burton, Lockwood D. 2,751,439.
- Byrd, John F., and Phyle. 2,774,824.
- Campanella, Matthew J. 2,756,741.
- Canfora, Arthur E. Re. 24,240.
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- Canfora, Arthur E., Liguori, Shenk, and Kishi. 2,744,955.

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 Chandler, Charles H. 2,732,013.  
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 Crawford, Carl F. 2,729,816.  
 Crooks, Horatio N., and Hobbs. 2,737,583.  
 Crosby, Gilmore E., and Edwards. 2,758,941.  
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 Del Valle, Guillermo A., and Jones. 2,733,062.  
 Denton, Bethel E. 2,772,371.  
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 Dibbins, Walter W. 2,768,244.  
 Dietch, Leonard. 2,729,796.  
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 Ditrick, Norman H. 2,761,800.  
 Dobosy, Joseph F. 2,751,445.  
 Dods, Wellesley J. 2,768,244.  
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 Donahue, Daniel J. 2,762,762.  
 Donal, John S., Jr. 2,756,392.  
 Dow, Orville E. 2,744,871.  
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 Eckert, James E. 2,740,889.  
 Endres, Richard O. 2,750,509.  
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 Faulkner, Richard D. 2,753,073.  
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 Fiet, Owen O. 2,763,839.  
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 Finch, James L., and Knn. 2,774,041.  
 Fischer, John T. 2,762,875.  
 Flory, Leslie E. 2,733,364.  
 Forgue, Stanley V. 2,744,837.  
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 Fredendall, Gordon L. 2,729,698.  
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 Friedl, Robert, Jr. 2,752,743.  
 Friend, Albert W. 2,743,392.  
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 Garner, Lloyd P., and Parker. 2,733,340.  
 George, Ralph W. 2,762,985.  
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 Goodale, Elmer D. 2,734,938.  
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 Gore, Ernest M. 2,753,396.  
 Goshaw, Irl R. 2,756,278.  
 Gray, George W. 2,750,502.  
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 Green, Milton W. 2,768,242.  
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 Greig, Harold G. 2,730,023.  
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 Greig, Harold G., and Young. 2,735,784.  
 Griffith, Brooks D. 2,745,960.  
 Grimm, Albert C., and Grimes. 2,733,366.  
 Hackley, Reginald A., and Rogers. 2,738,487.  
 Hall, James R. 2,752,570.  
 Hansell, Clarence W. 2,742,567.  
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 Hanthorn, Horace F. 2,752,499.  
 Harbaugh, Willis E. 2,761,197.  
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 Harlow, Loraine C., and Smith. 2,743,478.  
 Harris, James S. 2,741,701.  
 Harris, James S. 2,760,122.  
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 Hathaway, Jarrett L., and Lafferty. 2,751,585.  
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 Heath, Alfred E. 2,735,763.  
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 Hersberger, William D. 2,743,366.  
 Herzog, Gerald B. 2,742,571.  
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 Herzi, George G. 2,749,781.  
 Hillier, James. 2,753,761.  
 Hittle, Carl E. 2,733,761.  
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 Hobbs, Linder C. 2,760,062.  
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 Hoover, Merle V. 2,734,144.  
 Horowitz, Leopold A., and Hermeling. 2,750,496.  
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 Isom, Warren R. 2,771,814.  
 Jenny, Dietrich A. 2,748,325.  
 Jenny, Hans K. 2,759,122.  
 Jenny, Hans K. 2,759,123.  
 Jensen, Arthur S. 2,770,747.  
 Johnson, Curtis R. A. 2,762,627.  
 Johnson, Edward O. 2,740,089.  
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 Keizer, Eugene O. 2,756,327.  
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 Kell, Ray D. 2,733,291.  
 Kell, Ray D. 2,736,762.  
 Kell, Ray D. 2,750,439.  
 Kelly, Gordon E. 2,751,430.  
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 Kennedy, Charles J. 2,757,753.  
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 Kidd, Marshall C. 2,734,954.  
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 Kihn, Harry. 2,744,155.  
 Kirkwood, Lore R., and Lorree. 2,758,155.  
 Koch, Winfield R. 2,739,189.  
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 Kolar, Robert F., and Callaghan. 2,756,420.  
 Korus, Leslie L. 2,738,422.  
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 Kroger, Marlin G. 2,752,495.  
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 Lafferty, Raymond E. 2,767,254.  
 Lande, Homer A. 2,758,423.  
 Lappin, Lester S. 2,740,083.  
 Larach, Simon. 2,742,376.  
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 Larky, Norbert D. 2,757,229.  
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 Law, Russell R. 2,742,522.  
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 Leary, Angelo G., and Mackey. 2,742,627.  
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 Leslie, Edward S., and Pettus. 2,740,005.  
 Leverenz, Humboldt W. 2,748,041.  
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 Liggett, John A. 2,751,926.  
 Liguori, Anthony. 2,769,857.  
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 Lind, Edward L. 2,757,144.  
 Lindenblad, Nils E. 2,729,949.  
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- Rachrs, Emery C., and W. D. Averill, to The Cincinnati Milling Machine Co. Process of machining, 2,747,271, 5-29-56, Cl. 29-558.
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Carey, George F., Rakoff, and Saars. 2,736,965.
- Rale, Ralph E.: *See—*  
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- Raley, Charles F., Jr., W. J. Burkett, and J. S. Swearingen, to Gasoline Research, Industrial and Commercial Co. (Garico), Inc. Encapsulating method and apparatus. 2,766,478, 10-16-56, Cl. 18-1.
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- Ralls, Jack W., to G. D. Searle & Co. 3-ethylene mercaptols of 11-oxygenated derivatives of 17,21-dihydroxy-4-pregnene-3,20-diones. 2,744,108, 5-1-56, Cl. 260-239.5.
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- Ralston, John F. Tree lifter. 2,766,535, 10-16-56, Cl. 37-2.
- Ralston Purina Co.: *See—*  
Hale, Douglas, and Carpenter. 2,743,685.
- Loufek, Louis F. 2,731,778.
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Bryer, John F. 2,733,493.  
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- Ramadanoff, Dimitri, to Union Carbide and Carbon Corp. Electric contact brush. 2,731,371, 1-1-56, Cl. 117-228.
- Ramadanoff, Dimitri, and C. C. Jones, to Union Carbide and Carbon Corp. Impregnated electrical contact brush and method of producing the same. 2,754,231, 7-10-56, Cl. 117-216.
- Ramage, William W.: *See—*  
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- Rambausek, Josef: *See—*  
Gerber, Adolf, Leschhorn, Muller, and Rambausek. 2,761,880.
- Lammerz, Ernst, and Rambausek. 2,729,980
- Ramberg, Einar M., to Fels & Co. Method of producing pressure containers for fluids. 2,744,043, 5-1-56, Cl. 154-83.
- Rambosek, George M., and R. F. Vandaveer, to Stanolind Oil and Gas Co. Process for partial oxidation of hydrocarbons. 2,767,203, 10-16-56, Cl. 260-451.
- Rambusch Decorating Co.: *See—*  
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- Ramen, Torsten. Processes for concentrating liquids containing incrustation-forming substances. 2,754,897, 7-17-56, Cl. 159-47.
- Ramey, Robert A.: *See—*  
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- Ramey, Robert A., Jr. Magnetic delay line. 2,770,737, 11-13-56, Cl. 307-88.
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- Ramirez, Carmen L.: *See—*  
McKee, John F., Hartzler, Young, Ramirez, and George. 2,759,226.
- Ramore, John W.: *See—*  
Shannon, Sam H., Ramore, and Hughes. 2,770,961.
- Ramos, William: *See—*  
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- Ramrath, Joseph M.: *See—*  
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- Ramsay, John F.: *See—*  
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- Ramsey, John F., to Marconi's Wireless Telegraph Co. Ltd. Aerials. 2,755,465, 7-17-56, Cl. 343-767.
- Ramsay, William H. W., Jr.: *See—*  
Gibson, George T., and Ramsay. 2,730,255.
- Ramsberger, Harry F., to Research Corp. Liquid control device for dust type precipitators. 2,748,890, 6-5-56, Cl. 183-13.
- Ramsden, Hugh E.: *See—*  
Church, James M., Ramsden, and Hirschland. 2,743,257.  
Weinberg, Elliott L., and Ramsden. 2,746,946.
- Ramsden, Hugh E., to Metal & Thermit Corp. Organotin derivatives of glyceryl mono-esters. 2,744,876, 5-8-56, Cl. 260-23.
- Ramsour, Walter G. Drain opener. 2,736,906, 3-6-56, Cl. 4-256.
- Ramsey Corp.: *See—*  
Marien, Melvin W. 2,744,803.  
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Quade, Hadley A. 2,754,165.
- Ramsey, Julian A., Sr. Marking device. 2,728,932, 1-3-56, Cl. 15-227.
- Ramsey, Robert A., Jr. Magnetic coincidence detector. 2,763,421, 10-9-56, Cl. 323-59.
- Ramsey, Robert B., Jr.: *See—*  
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- Ramsey, Robert C. Device for facilitating mounting automobile wheels. 2,770,873, 11-20-56, Cl. 29-273.
- Ramsey, Vernon G. Seed planting attachment for a hoe. 2,767,821, 10-23-56, Cl. 193-2.
- Ramsey, William M.: *See—*  
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- Ramsey, Willis E.: *See—*  
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Fickel, Lester E. 2,770,693.  
Greenawalt, Frederick A. 2,775,667.  
Liebermann, John. 2,729,718.
- Raney, Estel C. 2,744,337.
- Raney, Estel C. 2,744,389.
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- Rand Corp.: *See—*  
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- Rand Development Corp.: *See—*  
Rand, Henry J. 2,764,101.
- Rand, Edwin H. Mechanical animal. 2,738,199, 3-13-56, Cl. 280-1-82.
- Rand Goetze Corp.: *See—*  
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- Rand, Henry J., to Rand Development Corp. Helical pump. 2,764,101, 9-25-56, Cl. 103-131.
- Rand, Henry J., to Magic Seal, Inc. Multiple seal valve. 2,770,443, 11-13-56, Cl. 251-333.
- Rand, Jennie A.,  $\frac{1}{2}$  to C. R. Fay. Seam construction. 2,741,203, 4-10-56, Cl. 112-262.

- Rand, Kenneth R., and E. Brandenberger, to American Machine & Foundry Co. Unloading device. 2,773,583, 12-11-56, Cl. 198-21.
- Rand McNally & Co.: See—
- Baker, Albert H. 2,740,231.
- Rand, Woodford M. Submarine trim indicator. 2,773,382, 12-11-56, Cl. 73-178.
- Randall, Alvin J. Convertible playpen and bed guard construction. 2,774,080, 12-18-56, Cl. 5-93.
- Randall, Clarence H. Device for use in glazing doughnuts. 2,731,943, 1-24-56, Cl. 118-31.
- Randall, Clifton O. W. P. Weathersby, and L. D. Zepernick, to Vector Mfg. Co. Geophone cable. 2,754,489, 7-10-56, Cl. 339-161.
- Randall, David I.: See—
- Hoefle, Milton L., Randall, and Renfrew. 2,730,534.
- Martin, Tellis A., Randall, and Taras. 2,767,197.
- Schmidt-Nickels, Wilhelm, and Randall. 2,772,272.
- Randall, David I., and J. Taras, to General Aniline & Film Corp. Vat grey to blue dyes of the dibenzanthrone series. 2,739,973, 3-27-56, Cl. 260-354.
- Randall, David I., and E. E. Renfrew, to General Aniline & Film Corp. Chloromethyl derivatives of substituted trimes. 2,742,466, 4-17-56, Cl. 260-249.5.
- Randall, David I., and E. E. Renfrew, to General Aniline & Film Corp. Chloromethylated aryl imides. 2,742,473, 4-17-56, Cl. 260-281.
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- Randall, Herman P.,  $\frac{1}{2}$  each to Dr. T. J. Wright, E. D. Siddall, and W. Howell. Lock nut with thread gripping pins. 2,758,627, 8-14-56, Cl. 151-21.
- Randall, Jack H. Lock nut handle for box wrenches. 2,733,642, 5-1-56, Cl. 181-177.
- Randall, John F., to Ford Motor Co. Beam member. 2,734,117, 2-7-56, Cl. 219-10.
- Randall, John W., to John Dickinson & Co. Ltd. Method of manufacturing tubular bags, envelopes, and like containers with folded ends. 2,737,860, 3-13-56, Cl. 93-35.
- Randall, John W., to John Dickinson & Co. Ltd. Method of and means for producing machine-made tubular bags with gusset-folded ends. 2,742,826, 4-24-56, Cl. 93-20.
- Randall, John W., to John Dickinson & Co. Ltd. Manufacture of self-sealing bags, envelopes, and like containers. 2,759,400, 8-21-56, Cl. 93-18.
- Randall, Kenneth B.: See—
- Welch, Douglas H., Randall, and Strang. 2,751,750.
- Randall, Norman G.: See—
- Davidson, Douglas H. M., and Barltrop. 2,730,166.
- Randall, Ralph B. Apparatus for coating with dry dust. 2,768,664, 8-14-56, Cl. 118-309.
- Randall, Ralph B., to Dulac Engineering Co. Braking arrangement for dual wheels with non-torque-equalizing differential means. 2,773,723, 12-11-56, Cl. 301-6.
- Randall, Walter H., to Keyes Fibre Co. Container for fragile articles. 2,759,050, 8-25-56, Cl. 229-2.5.
- Randall, Walter H., to Keyes Fibre Co. Serving holder. 2,766,919, 10-16-56, Cl. 229-2.5.
- Randall, Walter H., and R. L. Emery, to Keyes Fibre Co. Apparatus for drying and finishing pulp articles. 2,752,830, 7-3-56, Cl. 92-59.
- Randels, William C.: See—
- Gilvary, John J., Gore, Augenstein, and Randels. 2,736,015.
- Randle, Mason M.: See—
- Adams, Richard P., and Randle. 2,766,019.
- Randol, Glenn T. Automotive variable-ratio power transmission. Re. 24,122, 2-21-56, Cl. 192-073.
- Randol, Glenn T. Automotive friction clutch. 2,739,679, 3-27-56, Cl. 192-075.
- Randol, Glenn T. Mechanical self-adjusting valve lifter. 2,743,715, 5-1-56, Cl. 123-90.
- Randol, Glenn T. Automotive transmission control system and mechanism. 2,758,683, 8-14-56, Cl. 192-048.
- Randol, Glenn T. Compensating valve lifter mechanism for internal-combustion engines. 2,765,783, 10-9-56, Cl. 123-90.
- Randol, Glenn T. Safety razor. 2,768,436, 10-30-56, Cl. 30-64.
- Randol, Glenn T. Power-assisted operating mechanism for hydraulic pressure systems. 2,770,949, 11-20-56, Cl. 60-54.6.
- Randolph, Gerald L.: See—
- Melcher, Robert J. 2,755,331.
- Melcher, Robert J. 2,762,025.
- Randolph, William J., Jr.: See—
- Dickey, John W., and Randolph. 2,764,098.
- Raney, Charles W. Level. 2,748,494, 6-5-56, Cl. 33-213.
- Raney, Estel C., to Ranco Inc. Control apparatus. 2,744,337, 5-8-56, Cl. 34-45.
- Raney, Estel C., to Ranco Inc. Defroster control for refrigerating systems. 2,744,389, 5-8-56, Cl. 62-4.
- Raney, Estel C., to Ranco Inc. Control apparatus. 2,758,190, 8-7-56, Cl. 219-20.
- Raney, Estel C., to Ranco Inc. Air conditioning control. 2,770,100, 11-13-56, Cl. 62-4.
- Raney, Marjorie E. Expandable foot covering. 2,756,518, 7-31-56, Cl. 9-9.
- Raney, Russell R., E. F. Huddle, and J. H. Bing, to International Harvester Co. Self-unloading vehicle. 2,756,887, 7-31-56, Cl. 214-519.
- Raney, William E. Reversing valve for cylinders and the like. 2,757,642, 8-7-56, Cl. 121-46.5.
- Ranger, Arthur L., J. C. Stevens, and M. Leupold, to Leupold & Stevens Instruments, Inc. Measuring apparatus. 2,730,709, 1-10-56, Cl. 340-345.
- Ranger, Eugene, to The Robert Mitchell Co. Ltd. Convertible wheel type chair bed. 2,753,920, 7-10-56, Cl. 155-30.
- Ranger, Richard H. Magnetic sound recording and reproducing apparatus. 2,757,242, 7-31-56, Cl. 179-100.2.
- Ranieri, George B., to Piedmont Shirt Co. Shirt construction. 2,747,194, 5-29-56, Cl. 2-119.
- Ranke, Fritz, to Gesellschaft für Linde's Eismaschinen Aktiengesellschaft. Process of operating regenerator pairs in gas separating installations. 2,730,875, 1-17-56, Cl. 62-175.5.
- Rankin, Bayard H., to the United States of America as represented by the United States Atomic Energy Commission. Particle trajectory plotter. 2,751,273, 6-19-56, Cl. 346-8.
- Rankin, Clarence S.: See—
- Hartley, Henry J., and Rankin. 2,744,477.
- Rankin, Clarence S., to Pacific Foundry Co., Ltd. Rotary furnace. 2,739,850, 3-27-56, Cl. 263-33.
- Rankin, Dan R., to Food Machinery and Chemical Corp. Mechanism for controlling the rotation of a pump shaft. 2,748,896, 6-5-56, Cl. 188-82.5.
- Rankin, Dan R., to Food Machinery and Chemical Corp. Mechanical seal. 2,770,477, 11-13-56, Cl. 286-11.15.
- Rankin, Edward C., to Brook & Rankin, Inc. Book backbone structure with concealed rivet means and method of making same. 2,772,427, 12-4-56, Cl. 11-2.
- Rankin, James J., to St. Joseph Lead Co. Fungistatic pigment and coating composition. 2,769,716, 11-6-56, Cl. 106-15.
- Rankin, John C. High frequency attenuating device. 2,741,746, 4-10-56, Cl. 333-81.
- Rankin, William W., to Union Carbide and Carbon Corp. Process of producing acrylonitrile-containing textile articles. 2,743,993, 5-1-56, Cl. 8-55.
- Ranney Method Water Supplies, Inc.: See—
- D'Auffreter, Adolph A., and Reimund. 2,740,476.
- D'Auffreter, Adolph A., and Reimund. 2,756,020.
- Ranney, Neil J., to Wean Equipment Corp. Reeling mechanism. 2,756,941, 7-31-56, Cl. 242-78.
- Ranney, Neil J., to Wean Equipment Corp. Mechanism for handling elongated material. 2,771,984, 11-27-56, Cl. 203-8.
- Ranney, Neil J., to Wean Equipment Corp. Barb wire manufacture. 2,773,519, 12-11-56, Cl. 140-60.
- Ranney, Rufus P., and D. H. Reese, to California Research Corp. Cap fastener. 2,731,185, 1-17-56, Cl. 226-88.
- Ransburg, Edwin M., to Ransburg Electro-Coating Corp. Electrostatic coating apparatus. 2,729,191, 1-3-56, Cl. 118-51.
- Ransburg, Edwin M., to Ransburg Electro-Coating Corp. Apparatus and method for electrostatic coating. 2,733,171, 1-31-56, Cl. 117-93.
- Ransburg, Edwin M., and E. P. Miller, to Ransburg Electro-Coating Corp. Method and apparatus for repositioning coating atomizer means. 2,736,671, 2-28-56, Cl. 117-93.
- Ransburg, Edwin M., to Ransburg Electro-Coating Corp. Method and apparatus for spray coating of articles. 2,754,227, 7-10-56, Cl. 117-93.
- Ransburg Electro-Coating Corp.: See—
- Curtis, Norman S., 2,752,883.
- Curtis, Norman S., and Juvinal. 2,751,851.
- Juvinal, James W. 2,744,053.
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- Juvinal, James W. 2,769,728.
- Juvinal, Robert C., and Smart. 2,759,764.
- Marsh, James C. 2,731,589.
- Marsh, James C. 2,751,564.
- Miller, Emery P. 2,741,218.
- Miller, Emery P. 2,748,018.
- Miller, Emery P. 2,770,210.
- Ransburg, Edwin M. 2,729,191.
- Ransburg, Edwin M. 2,733,171.
- Ransburg, Edwin M. 2,764,727.
- Ransburg, Edwin M. 2,769,728. 2,736,671.
- Ransburg, Harold P. 2,730,460.
- Starkey, William A. 2,730,988.
- Watver, John E. 2,730,461.
- Williams, Herschel H. 2,761,544.
- Ransburg, Harold P., to Ransburg Electro-Coating Corp. Electrostatic method and apparatus. 2,730,460, 1-10-56, Cl. 117-93.
- Ransier, Robert M., and G. B. Way, to Phillips Petroleum Co. Galvanometer. 2,729,789, 1-3-56, Cl. 324-147.
- Ranshoff, N. Inc.: See—
- Ranshoff, Nathan. 2,739,427.
- Ranshoff, Nathan. 2,753,977.
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- Ranshoff, Nathan, to N. Ranshoff, Inc. Feeding apparatus for nail weighing machines. 2,753,977, 7-10-56, Cl. 198-56.
- Ransom, Donald J.: See—
- Nicholson, James F., and Ransom. 2,750,587.
- Ransom, George P.: See—
- Deane, John, Ransom, and Unger. 2,763,252.
- Ransom, Henry M.,  $\frac{1}{2}$  to J. Copozola. Protective device for a tank contents gauging system. 2,767,588, 10-23-56, Cl. 73-302.
- Ransom, Richard B. Rotary motion resisting device. 2,743,792, 5-1-56, Cl. 188-90.



- Ransom, Russell A. Pulling tool. 2,763,327, 9-18-56, Cl. 166-98.
- Ransome Co.: *See*—  
Golden, Carl E. 2,756,040.
- Ranson, Harry L. Electrical razor. 2,773,306, 12-11-56, Cl. 19-70.
- Ranson, Lloyd R., to The Clark Controller Co. Electro-magnetic timing devices. 2,734,152, 2-7-56, Cl. 317-178.
- Räntsch, Kurt, to C. Zeiss. Interference microscope. 2,741,946, 4-17-56, Cl. 88-39.
- Rap, Joseph, to Coupling. 2,739,966, 7-10-56, Cl. 192-58.
- Rapaport, Myron S. Camera shutter and film release. 2,769,380, 11-6-56, Cl. 95-31.
- Raper, George F., to T. M. M. (Research) Ltd. Apparatus for detecting and correcting irregularities of thickness of a textile sliver. 2,745,083, 5-22-56, Cl. 19-70.
- Rapha, Walter, to General Patent Production Co. Container lock. 2,731,166, 1-17-56, Cl. 215-52.
- Rapids-Standard Co., Inc., The: *See*—  
McGow, Thomas C. 2,751,057.  
Timmons, James K., and Sebastian. 2,759,585.
- Rapisarda, Edward D., to Gilbert & Barker Mfg. Co. Hose guide for fluid dispensing apparatus. 2,770,499, 11-13-56, Cl. 299-77.
- Rapizzi, Gaetano, to Officine Elettromeccaniche F. Rapizzi & Figli, di Gaetano Rapizzi. Automatic switches. 2,735,313, Cl. 200-89.
- Rapkin, Edward, to Armour and Co. Extraction of animal glue in presence of insoluble basic substance. 2,740,774, 4-3-56, Cl. 260-118.
- Rapp, George M., to Houdaille Industries, Inc. Ceiling plenum and air conditioning system. 2,751,198, 6-19-56, Cl. 257-12.
- Rapp, Gustav W. Reaction product of copper gluconate and alkali metal salt of N-lauroyl sarcosine. 2,767,200, 10-16-56, Cl. 260-404.
- Rapp, Howard C., to Belden Mfg. Co. Electric cable. 2,732,428, 1-24-56, Cl. 174-121.
- Rapp, Stanley: *See*—  
Mattis, George, and Rapp. 2,743,861.
- Rappaport, Paul, to Radio Corp. of America. Radioactive battery employing intrinsic semiconductor. 2,745,973, 5-15-56, Cl. 310-3.
- Rappaport, Paul, to the United States of America as represented by the Secretary of the Air Force. Controllable radioactive voltage charging devices. 2,768,313, 10-23-56, Cl. 310-3.
- Rappen, Friedrich, and H. Kolling, to Ruhrchemie Aktien-gesellschaft. Preparation of pure white alkyl aryl sul-tonates. 2,740,807, 4-3-56, Cl. 260-505.
- Rare Earths Inc.: *See*—  
Harnam, Cameron G., and Rose. 2,744,001.
- Rasch, Arthur A., J. I. Crabtree, and R. W. Henn, to Eastman Kodak Co. Single purpose photographic developers contain-ing hydroquinone. 2,739,894, 3-27-56, Cl. 95-88.
- Raschig, Dr. F., G. m. b. H.: *See*—  
Mathes, Wilhelm, and Sauermilch. 2,749,351.  
Thönnessen, Karl. 2,743,282.
- Rasco, Malcolm P. Framing square attachment. 2,749,622, 6-15-56, Cl. 33-180.
- Rasowski, Jacob J.: *See*—  
Schwarzkopf, Otto. 2,761,887.
- Raser, William H., Jr. Resilient variable pitch rotor blade mount. 2,739,656, 3-27-56, Cl. 170-160.53.
- Rasero, Lawrence J., to The Russell Mfg. Co. Woven ladder tape and method of and apparatus for making the same. 2,768,419, 10-30-56, Cl. 28-72.
- Raskin, Betty L., and A. W. Morton, to Burns and Russell Co. Surface finished masonry construction unit. 2,752,275, 6-26-56, Cl. 154-45.9.
- Raskin, Seymour H. Device for vaporizing liquid intermit-tently. 2,763,246, 9-18-56, Cl. 122-489.
- Rasmussen, Arne P., to Westinghouse Electric Corp. Fail safe power boost system. 2,773,660, 12-11-56, Cl. 244-85.
- Rasmussen, Arnold R. Field marker. 2,747,494, 5-29-56, Cl. 97-230.
- Rasmussen, Arthur W. and G. A. Corn cracking apparatus with a yieldingly mounted roll for the passage of foreign objects. 2,774,544, 12-18-56, Cl. 241-232.
- Rasmussen, Chris M. Dish cloth holder having spring wire and runner. 2,730,746, 1-17-56, Cl. 15-154.
- Rasmussen, Clarence R.: *See*—  
Rasmussen, and Thayer. 2,775,266.
- Rasmussen, Clarence T., and W. S. Tsuchiya, to John Deere Killifer Co. Control means for tractor supported offset disk harrows. 2,759,312, 8-21-56, Cl. 55-83.
- Rasmussen, Ervin F. Rotary snowplow attachment for power tractors. 2,731,740, 1-24-56, Cl. 37-43.
- Rasmussen, George A.: *See*—  
Rasmussen, Arthur W. and G. A. 2,774,544.
- Rasmussen, Gustav. Apparatus for axially feeding and rotat-ing cylindrical articles. 2,753,040, 7-3-56, Cl. 203-75.
- Rasmussen, Luther A., to Gibson Refrigerator Co. Door ten-sioning and wringing device. 2,741,808, 4-17-56, Cl. 20-38.
- Rasmussen, Olaf, and R. C. Rike, to General Motors Corp. Brake slack adjuster. 2,736,396, 2-28-56, Cl. 188-196.
- Rasmussen, Robert T. C.: *See*—  
Lichty, Lval J., and Rasmussen. 2,772,959.
- Rasmussen, Robert T. C. Electric smelting process for pro-duction of silicon-aluminum alloys. 2,753,178, 7-17-56, Cl. 75-10.
- Rasmussen, Ross H. Container opener. 2,760,714, 8-28-56, Cl. 229-51.
- Rasmussen, Walter V. Cemetery vase. 2,754,625, 7-17-56, Cl. 47-41.
- Rasoletti, Julius E.: *See*—  
Johnson, Clarence, and Rasoletti. 2,755,081.
- Raspa, Francisco. Thread-waxing apparatus. 2,730,975, 1-17-56, Cl. 112-42.
- Raspani, Matthew. Scroll saw blade holding means. 2,735,457, 2-21-56, Cl. 143-73.
- Raspet, Thomas. Reversible pawl nut locking means. 2,766,793, 10-16-56, Cl. 151-11.
- Rataiczak, Francis I., to General Motors Corp. Refrigerating apparatus. 2,760,649, 8-28-56, Cl. 211-143.
- Ratcliff, Walter F., to Esso Research and Engineering Co. Acid decabating of oxo products. 2,757,204, 7-31-56, Cl. 260-604.
- Ratcliffe, Auburn P. Fender for tractors. 2,774,610, 12-18-56, Cl. 280-152.
- Ratcliffe, George L., to National Lead Co. Printing inks. 2,739,067, 3-20-56, Cl. 106-30.
- Ratcliffe, Stanley, to National Research Development Corp. Automatic frequency control system. 2,754,420, 7-10-56, Cl. 350-36.
- Ratcliffe, Stanley, to National Research Development Corp. Automatic frequency control. 2,759,100, 8-14-56, Cl. 250-36.
- Ratcliffe, Temple W.: *See*—  
Harter, Isaac, I. Harter, Jr., and Ratcliffe. 2,767,448.  
Harter, Isaac, I. Harter, Jr., Ratcliffe, and Armstrong. 2,769,218.  
Harter, Isaac, Jr., and Ratcliffe. 2,770,021.
- Ratcliffe, Temple W., to The Babcock & Wilcox Co. Rotary fluid stirring device with independently driven fan. 2,746,792, 5-1-56, Cl. 13-26.
- Ratcliffe, Temple W., to The Babcock & Wilcox Co. Control system for continuous casting. 2,746,105, 5-22-56, Cl. 22-57.2.
- Rath, Joseph J.: *See*—  
Peretti, Leonard G., and Rath. 2,735,908.
- Rath, Karl: *See*—  
Rossmann, Peter F., and Rath. 2,771,789.
- Rath, Michael B., to The Standard Oil Co. Simultaneously-operated liquid and gas valve valves. 2,748,799, 6-5-56, Cl. 137-587.
- Rath, Hermann, to Maschinenfabrik Augsburg-Nürnberg, A. G. Ceramic product. 2,751,188, 6-19-56, Cl. 253-77.
- Rath, William C. Tear strip guides. 2,741,394, 4-10-56, Cl. 220-52.
- Rathbun, Harold J.: *See*—  
Myles, Asa H., and Rathbun. 2,766,416.
- Rathburn, George: *See*—  
Thomas, David F., and Rathburn. 2,750,893.  
Thomas, David F., and Rathburn. 2,750,894.
- Rathenau, Gerhart W.: *See*—  
Gorter, E. Willem, Rathenau, and Stuys. 2,762,778.
- Rathenau, Gerhart W., to Hartford National Bank and Trust Co. As trustee, Soling method and soldering device. 2,762,898, 9-11-56, Cl. 219-28.
- Rathenau, Gerhart W., H. J. Roosdorp, and J. M. Cluven, to Hartford National Bank and Trust Co. as trustee. Tem-perature measuring device. 2,756,595, 7-31-56, Cl. 73-330.
- Rathoon Mfg. Co.: *See*—  
Sandock, Jules. 2,745,972.
- Ratigan, J. P., Inc.: *See*—  
Ratigan, James P. 2,743,122.  
Ratigan, James P. 2,760,749.
- Ratigan, James P., to J. P. Ratigan, Inc. Lubricated stuffing box for polish rod. 2,743,122, 4-24-56, Cl. 286-16.
- Ratigan, James P., to J. P. Ratigan, Inc. Composite block for shut-off mechanism. 2,760,749, 8-28-56, Cl. 251-2.
- Ratkowski, Jack: *See*—  
Merriman, Frederick C., and Ratkowski. 2,760,557.
- Ratley, Presto W.: *See*—  
Flanagan, James J. 2,773,616.
- Ratliff, Robert L. Fountain brush. 2,736,914, 3-6-56, Cl. 15-138.
- Ratliff, Wayne. Garment bagging means. 2,751,734, 6-26-56, Cl. 15-138.
- Rätsch, Kurt, to Carl Zeiss. Interference microscope for ex-amination of the surface quality of solid bodies. 2,732,700, 1-31-56, Cl. 88-30.
- Ratte, Heinrich, and J. Geller, to Rütterswerke-Aktiengesell-schaft. Continuous distillation of lignite and coal tars. 2,766,190, 10-9-56, Cl. 106-76.
- Ratte, Joseph P. G. Quadruple seasoning shaker. 2,746,649, 5-22-56, Cl. 222-142.9.
- Rattenbury, David J.: *See*—  
Riddell, Cyrus M., and Rattenbury. 2,765,012.
- Rattenbury, Kenneth H.: *See*—  
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- Ratti, Mario, to Kahle Engineering Co. Pin sorter. 2,736,430, 2-28-56, Cl. 209-82.
- Ratzer, Arthur F., and D. Levin, to Pyrene Mfg. Co. Fire extinguishing compositions. 2,767,141, 10-16-56, Cl. 252-8.05.
- Rau, Frank J., and K. Losch, to Westinghouse Electric Corp. Control circuit. 2,760,083, 8-21-56, Cl. 307-57.
- Rau, Harry A.: *See*—  
Wilckens, Elbe A., Rau, and Seifert. 2,749,868.
- Rau, John A.: *See*—  
Lynn, Joseph C., and Rau. 2,767,627.
- Rau, Karl L.: *See*—  
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- Raub, Samuel H. S.: *See*—  
Kerr, Karl K., Kleber, and Raub. 2,744,269.
- Rauch, Ernst F.: *See*—  
Guarnaschelli, Vincent, and Rauch. 2,764,942.
- Rauch, William: *See*—  
Keem, August, and Geisler. 2,740,542.
- Rauh, Cornelius A. Process for pickling metal. 2,741,250, 4-10-56, Cl. 134-13.
- Rauh, Cornelius A. Method and apparatus for concentrating liquids. 2,740,444, 9-25-56, Cl. 159-18.
- Rauh, Cornelius A. Process for producing anhydrous hydrogen chloride gas. 2,764,532, 9-25-56, Cl. 202-40.
- Rauland-Borg Corp.: *See*—  
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- Rauland Corp.: *See*—  
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Harder, Arthur J., Jr. 2,731,771.  
Harder, Arthur J., Jr. 2,731,947.  
Kaplan, Sam H. 2,732,314.  
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- Reed, William O. 2,734,145.
- Reed, William O. 2,739,245.
- Reed, William O. 2,741,719.
- Reed, William O. 2,741,724.
- Snyder, Russell B. 2,734,857.
- Szegho, Constantin S. 2,758,240.
- Raumaker, William L., and E. T. Palmer. Conversion attachment for combine. 2,765,612, 10-9-56, Cl. 56-97.
- Raunecker, Richard H.: *See*—  
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- Rauner, Aron. Serving dish for fruits. 2,733,746, 2-7-56, Cl. 146-3.
- Rausch, Burdette L. Method of relief or embossed printing. 2,734,452, 2-14-56, Cl. 101-32.
- Rausch, Clifford E.: *See*—  
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Reynolds, Kenneth W., Billson, and Rausch. 2,764,992.
- Rausch, John T., to General Motors Corp. Air flow control means. 2,734,525, 2-14-56, Cl. 137-480.
- Rauscher, William H.: *See*—  
MacPeck, Donald L., and Rauscher. 2,729,676.
- Rauscher, William V.: *See*—  
Muto, Peter A., and Rauscher. 2,762,929.
- Rausing, Ruben, to Hermorion Ltd. Apparatus for continuous production of filled and sealed tetrahedral packages of paper or the like. 2,741,079, 4-10-56, Cl. 53-180.
- Rauter, Frederick W., to A. O. Smith Corp. Method of making profiling machine models. 2,755,510, 7-24-56, Cl. 18-47.5.
- Rauterberg, Hilbert F., to N. O. G. Hokanson. Double duty dolly. 2,739,007, 9-20-56, Cl. 294-15.
- Rauth, John D.: *See*—  
Bitner, John D., Merrill, Rauth, and Richardson. 2,768,801.
- Rauth, William R., Jr.: *See*—  
Rowley, Lothair H., and Rauth. 2,767,372.
- Rava, Alexander, deceased, by W. A. McDonald, administrator. Electric arc torch apparatus. 2,768,279, 10-23-56, Cl. 219-75.
- Raven, Robert S., and H. C. Moses, to the United States of America as represented by the Secretary of the Navy. Two speed control circuit. 2,735,971, 2-21-56, Cl. 318-30.
- Ravenscroft, Philip H.: *See*—  
Dieman, Edgar A., and Ravenscroft. 2,771,371.
- Ravich, Leonard E., to Brown-Allen Chemicals, Inc. Photomechanical multicolor printing of textile and the like. 2,756,144, 7-24-56, Cl. 95-6.
- Ravigneaux, Pol. Epicyclic change-speed gear. 2,761,333, 9-4-56, Cl. 74-759.
- Rawden, Cecil E.: *See*—  
Haynes, Alex L., Rawden, and Van Wicklin. 2,773,396.
- Rawe, Martin. Staggered sheet feeder. 2,748,917, 6-5-56, Cl. 198-35.
- Rawitzer, William J.: *See*—  
Olson, Elmer T. 2,752,801.
- Rawley, Ralph A., to Bomac Laboratories Inc. Radio frequency shielded container for electronic devices. 2,766,920, 10-16-56, Cl. 229-3.5.
- Rawlings, Frank N.: *See*—  
Anderson, Philip C., and Rawlings. 2,748,001.
- Rawlins, Charlotte M.: *See*—  
Wallace, James M., and Rawlins. 2,763,749.
- Rawlins, Herbert L.: *See*—  
Wallace, James M., and Rawlins. 2,763,749.
- Rawlins, Herbert L., J. M. Wallace, and A. W. Ogg, to Westinghouse Electric Corp. Circuit interrupters. 2,752,452, 6-26-56, Cl. 200-89.
- Rawls, Frederick, to Bendix Aviation Corp. Gas discharge tube. 2,739,954, 9-21-56, Cl. 313-216.
- Rawls, Vaughn, 30% to R. W. LaWarre, and 10% to W. O. Lones. Method of and apparatus for rebuilding pneumatic tires. 2,734,553, 2-14-56, Cl. 154-9.
- Rawson, Emanuel, and M. M. Pellar, to Package Machinery Co. Adjustable biased claw support. 2,775,224, 12-25-56, Cl. 119-14.13.
- Rawson, J. & Sons Ltd.: *See*—  
Freeland, Charles A. 2,751,160.
- Rawson, Paul O.: *See*—  
Shalvoy, John G., and Rawson. 2,769,996.
- Ray, Felbert A. Awning structure. 2,736,932, 3-6-56, Cl. 20-57.5.
- Ray, Floyd A., to Mid-West Bottle Cap Co. Bottle cap feeding mechanism. 2,734,674, 2-14-56, Cl. 226-88.1.
- Ray, Frank. Window washer. 2,741,789, 4-17-56, Cl. 15-126.
- Ray, Frederick E.: *See*—  
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- Ray, Frederick E., to Socony Mobil Oil Co., Inc. Method and apparatus for supplying liquid charge to hydrocarbon reactors. 2,771,406, 11-20-56, Cl. 196-52.
- Ray, Frederick E., and R. D. Drew, to Socony Mobil Oil Co., Inc. Method of operating a pneumatic lift used to transport granular solids in a hydrocarbon conversion process. 2,770,584, 11-13-56, Cl. 196-52.
- Ray, Howard M.: *See*—  
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- Ray, Kenneth B.: *See*—  
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- Ray, Robert L. Bed rail attachment. 2,728,925, 1-3-56, Cl. 3-318.
- Ray, Robert T. Wall structure for buildings. 2,732,705, 1-31-56, Cl. 72-24.
- Ray, William A., to General Controls Co. Shut-off valve system. 2,729,285, 1-3-56, Cl. 158-129.
- Ray, William A., to General Controls Co. Four way balanced slide valve. 2,732,860, 1-31-56, Cl. 137-623.
- Ray, William A., to General Controls Co. Gas-burner control system. 2,734,564, 2-14-56, Cl. 158-130.
- Ray, William A., to General Controls Co. Valve structure. 2,735,447, 2-21-56, Cl. 137-630.19.
- Ray, William A., to General Controls Co. Handle connection for plug valve. 2,738,805, 3-20-56, Cl. 137-560.
- Ray, William A., to General Controls Co. Electromagnetically operated balanced pilot valve. 2,742,919, 4-24-56, Cl. 13-15.
- Ray, William A., to General Controls Co. Radiation thermocouple. 2,744,947, 5-8-56, Cl. 136-4.
- Ray, William A., to General Controls Co. Hydraulic motor system. 2,751,752, 6-26-56, Cl. 50-52.
- Ray, William A., to General Controls Co. Gas-burner control system. 2,753,931, 7-10-56, Cl. 158-123.
- Ray, William A., to General Controls Co. Valve structure. 2,754,846, 7-17-56, Cl. 137-614.17.
- Ray, William A., to General Controls Co. Control system for heating liquids. 2,757,869, 8-7-56, Cl. 236-20.
- Ray, William A., to General Controls Co. Mercury switch bimetal thermostat. 2,759,070, 8-14-56, Cl. 200-138.
- Ray, William A., and E. W. Rossow, to General Controls Co. Relief valve. 2,756,445, 2-21-56, Cl. 137-620.
- Ray, William A., E. J. Davidson, W. F. Keller, and A. P. Swift, to General Controls Co. Circuit controller for air heating control system. 2,774,847, 12-18-56, Cl. 200-139.
- Raybestos-Manhattan, Inc.: *See*—  
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Adams, James, Jr., and Marton. 2,758,334.  
Ciley, Osborn H., Moore, and Novak. 2,772,157.  
Horvath, Guy E. 2,762,640.
- Rayburn, Allen T., to V. M. Carter. Latch mechanism. 2,730,391, 1-10-56, Cl. 292-169.
- Rayburn, Vincent A., to Western Electric Co., Inc. Material handling apparatus. 2,737,302, 3-6-56, Cl. 214-16.
- Rayburn, Vincent A., to Western Electric Co., Inc. Apparatus for feeding granular materials. 2,737,319, 3-6-56, Cl. 222-312.
- Rayburn, Vincent A., to Western Electric Co., Inc. Electrolytic apparatus. 2,737,487, 3-6-56, Cl. 204-206.
- Rayburn, Vincent A., to Western Electric Co., Inc. Apparatus for making metal pellets. 2,739,348, 3-27-56, Cl. 18-2.5.
- Rayburn, Vincent A., to Western Electric Co., Inc. Method of and apparatus for uncoiling paramagnetic filamentary material. 2,739,766, 3-27-56, Cl. 242-128.
- Raydine Corp.: *See*—  
Phelps, Clyde H. 2,740,297.  
Phelps, Clyde H. 2,754,686.
- Rayette, Inc.: *See*—  
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- Rayman, Charles J.: *See*—  
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- Raymer, Robert C. Metallic film potentiometer. 2,760,036, 8-21-56, Cl. 201-55.
- Raymond, Albert R.: *See*—  
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- Raymond Bag Co.: *See*—  
Peters, Harry, and Tilton. 2,729,148.
- Raymond, Clifford H. Hydraulic crane device. 2,774,483, 12-18-56, Cl. 212-35.
- Raymond Concrete Pile Co.: *See*—  
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- Riker, Warren N. 2,741,093.
- Raymond Corp.: *See*—  
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- Raymond, David L., and R. C. Spooner, to Hupp Corp. Liquid fuel fired heating apparatus for use, especially on automotive conveyances. 2,775,293, 12-25-56, Cl. 158-91.
- Raymond De-Icer and Engineering Co., Inc.: *See*—  
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- Raymond Engineering Laboratory, Inc.: *See*—  
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Raymond, Horace H., and Sargent. 2,752,800.
- Raymond, Francois H.: *See*—  
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- Raymond, François H., to Societe d'Electronique et d'Automatisme. Coded pulse circuits for multiplication. 2,771,244, 11-20-56, Cl. 235-61.
- Raymond, Horace H., to Veeder-Root Inc. Magnetically indexed rotating chance device. 2,775,458, 12-25-56, Cl. 273-143.
- Raymond, Horace H., and H. H. Sargent, Jr., to Raymond Engineering Laboratory, Inc. Reversible drive mechanism. 2,752,800, 7-3-56, Cl. 734-361.
- Raymond, Jerry W., Air cleaner. 2,766,845, 10-16-56, Cl. 183-40.
- Raymond, Lambert L. Ornament for Christmas tree. 2,762,152, 9-11-56, Cl. 41-10.
- Raymond, Lambert L. Ornamental reflector. 2,762,910, 9-11-56, Cl. 240-103.
- Raymond, Norton G.: *See*—  
Monroe, Charles Z., and Raymond. 2,748,833.
- Raymond, Richard F., and E. A. Fusca, to Pittsburgh Plate Glass Co. Safety glass construction. 2,758,042, 8-7-56, Cl. 154-271.
- Raymond, Roger A. Purse light. 2,736,793, 2-28-56, Cl. 240-106.
- Raymond, Samuel. Apparatus for fractionating colloid dispersions. 2,758,966, 8-11-56, Cl. 204-301.
- Rayner, George A., Jr. Dual action valve. 2,732,166, 1-24-56, Cl. 251-88.
- Rayner, George A., Jr. Quick-attaching coupler-valve. 2,756,075, 7-24-56, Cl. 284-17.
- Raynes, Bertram C., and M. E. Sibert, to Horizons Titanium Corp. Removal of oxygen from metals. 2,773,023, 12-4-56, Cl. 204-140.
- Raynes, Burt F., to Rohr Aircraft Corp. Method of forming a smooth welded seam. 2,741,832, 4-17-56, Cl. 29-493.
- Raynes, Burt F., to Rohr Aircraft Corp. Stretch forming machine. 2,753,915, 7-10-56, Cl. 153-48.
- Raynor, Arthur E.: *See*—  
Rowand, Will H., Raynor, and Woolley. 2,737,930.
- Raynor, Charlie J. Emergency switch. 2,734,103, 2-7-56, Cl. 200-61.5.
- Raynor, Charlie J. Trash remover. 2,743,484, 5-1-56, Cl. 19-56.
- Raynsford, Charles K., to Vitro Corp. of America. Means for minimizing electrostatic voltages in a flowmeter. 2,741,121, 4-10-56, Cl. 73-194.
- Raynsford, Charles K., and R. W. Buntentbach, to Vitro Corp. of America. Means for rejecting no-flow signals in a flowmeter. 2,729,103, 1-3-56, Cl. 73-194.
- Raynsford, Charles K., C. Green, and A. R. Soffel, to Vitro Corp. of America. Grounding means for a flowmeter. 2,766,621, 10-16-56, Cl. 73-194.
- Rayonier Inc.: *See*—  
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- Gray, Kenneth R., Crosby, and Steinberg. 2,772,965.
- Gray, Kenneth R., Holloway, and Thomas. 2,767,169.
- Hooper, John F., and Briggs. 2,747,995.
- Schlosser, Paul H., and Mitchell. 2,744,292.
- Schlosser, Paul H., Mitchell, and Bampton. 2,762,795.
- Van Blicom, Lloyd E., and Gray. Re. 24,213.
- Van Blicom, Lloyd E., and Gray. 2,732,352.
- Ray-O-Vac Co.: *See*—  
Herbert, William S. 2,768,229.
- Herbert, William S. 2,775,534.
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- Sese, Carroll G., and Oakley. 2,740,823.
- Rays, Ralph J.: *See*—  
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- Raytheon Mfg. Co.: *See*—  
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- Bastow, Wendell R. 2,730,616.
- Beloungie, Lawrence W. 2,765,115.
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- Brown, William C. 2,735,958.
- Burdge, Ben H. 2,774,032.
- Burns, Lloyd E. 2,757,439.
- Calosi, Carlo L. 2,753,600.
- Calosi, Carlo L., and Carwile. 2,748,298.
- Carr, Amos J., Jr. 2,753,468.
- Dawson, John W. 2,766,382.
- Dench, Edward C. 2,775,721.
- Dench, Edward C., and Dombrowski. 2,745,987.
- De Turk, John E., MacNee, and Gibbs. 2,751,440.
- Omenichini, Carlo F., and Thomas. 2,735,071.
- Duncan, Nesbit L., and St. Jean. 2,760,127.
- Ellis, Ray C., Jr. 2,736,639.
- Ellis, Ray C., Jr. 2,738,259.
- Ellis, Ray C., Jr. 2,739,882.
- Forsberg, Kenneth E. 2,735,939.
- Freedman, George. 2,732,519.
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- Fryklund, Robert A. 2,729,910.
- Fryklund, Robert A. 2,750,574.
- Fryklund, Robert A. 2,759,168.
- Fryklund, Robert A. 2,762,031.
- Fryklund, Robert A. 2,762,040.
- Fryklund, Robert A. 2,769,160.
- Gardner, Bernard C. 2,750,568.
- Gardner, Bernard C., and Unger. 2,747,085.
- Geier, Leonard W. 2,733,381.
- Haagens, Robert G., and Katz. 2,770,785.
- Haagens, Duane B. 2,748,277.
- Haagens, Duane B. 2,750,506.
- Haagens, Duane B. 2,774,068.
- Hall, William M. 2,760,186.
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- Raytheon Mfg. Co.: *See*—Continued  
Harrison, Bertram M. 2,729,803.
- Harvey, Winston S., and Eisler. 2,762,005.
- Hoeppner, Conrad H. 2,751,437.
- Kather, Erich N. 2,735,959.
- Kather, Erich N., and Gross. 2,750,555.
- Kennedy, David P. 2,774,941.
- Kilbey, Alfred R., and Tucker. 2,745,959.
- Levy, Irving E. 2,747,124.
- Marholz, Richard C. 2,750,494.
- Mercer, William R., Wimberly, and St. Jean. 2,750,565.
- Moore, John F. 2,736,052.
- Moore, John F., and Torrey. 2,742,639.
- Moore, Roy C. 2,769,139.
- Morris, John D. 2,733,294.
- Peterson, Robert E. 2,770,795.
- Phillips, Alexander A., and Smith. 2,733,380.
- Pritchard, Wilbur L. 2,763,757.
- Reed, John. 2,762,986.
- Riblet, Henry J. 2,735,069.
- Riblet, Henry J. 2,735,070.
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- Reed, Henry E., Jr. 2,762,039.
- Richmond, Martin R. 2,753,551.
- Richmond, Martin R. 2,755,338.
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- Richmond, Martin R., and Blitz. 2,774,035.
- Rymes, William H. 2,753,543.
- Sanders, Royden C., Jr., and Blitz. 2,740,294.
- Segerstrom, Carl A. 2,748,284.
- Skowron, John F. 2,766,403.
- Smith, Charles G. 2,773,923.
- Spanos, John. 2,731,704.
- Spencer, Percy L. 2,730-83.
- Thomas, Harry J. 2,769,087.
- Turner, Edwin E., Jr. 2,750,247.
- Vosburgh, Malcolm C. 2,757,279.
- Well, Thomas A. 2,762,920.
- Wescott, Vernon C., Katz, and Schiff. 2,750,566.
- Wild, Norman R., and Cockrill. 2,729,786.
- Williams, Louis A. 2,733,650.
- Wimberly, Floyd T. 2,729,814.
- Wimberly, Floyd T. 2,762,042.
- Wisenbaker, Thomas C., Richmond, and Cole. 2,739,191.
- Wolsky, Sumner P. 2,734,806.
- Wrenn, John C. 2,759,180.
- Wrenn, John C. 2,759,181.
- Razlag, Emil W., to Continental Radiant Glass Heating Corp. Radiant heaters. 2,770,704, 11-13-56, Cl. 219-34.
- Rea, Edgar J., Hook for binder chains. 2,759,235, 8-21-56, Cl. 2-230.5.
- Rea, George A., to The Heil Co. Fluid pressure operated telescopic hoists. 2,730,401, 1-10-56, Cl. 298-22.
- Rea, Stanley: *See*—  
Campbell, Robert L., and Rea. 2,773,160.
- Rea, Stanley E., to Boeing Airplane Co. Extensometers. 2,744,131, 8-1-56, Cl. 201-83.
- Rea, Stanley E., to Northrop Aircraft, Inc. Method of heading a hollow rivet. 2,759,082, 8-14-56, Cl. 219-2.
- Rea, Stanley E., to Northrop Aircraft, Inc. Blind type fastener having adjustable tapered expansion means. 2,760,399, 8-28-56, Cl. 85-1.
- Rea, Wilton T., to Bell Telephone Laboratories, Inc. Power supply system. 2,744,229, 5-1-56, Cl. 321-15.
- Reach, Milton B. Anti-nicking golf club. 2,774,600, 12-18-56, Cl. 273-174.
- Reaction Motors, Inc.: *See*—  
Gould, Jack R. 2,754,177.
- Gould, Jack R. 2,765,312.
- Munger, William P. 2,754,656.
- Read, Arthur, to Floseal Corp. Pouring spout for containers. 2,735,005, 2-21-56, Cl. 229-7.
- Read, Arthur E., Jr., to The General Tire & Rubber Co. Carrying cases. 2,748,050, 8-24-56, Cl. 220-21.
- Read, Charles E.: *See*—  
Smith, Charles J., and Read. 2,755,627.
- Read, Charles E., to Monroe Auto Equipment Co. Combination sway bar lateral strut and axle stabilizer for vehicles. 2,753,007, 8-1-56, Cl. 180-56.
- Read, Chester L., to Esso Research and Engineering Co. Solvent dewaxing process. 2,772,210, 11-27-56, Cl. 196-19.
- Read, Clyde M. Folding game table. 2,772,935, 12-4-56, Cl. 311-89.
- Read, Francis E.: *See*—  
Johnson, Robert G., and Read. 2,754,550.
- Read, Grantly D. Maternity belt. 2,765,470, 10-9-56, Cl. 2-41.
- Read, Harold L.: *See*—  
Furman, Frank J., Kistner, Read, and Wagner. 2,745,493.
- Read, Herbert L.: *See*—  
Read, Norman K., and H. L. 2,738,532.
- Read, Norman K., and H. L., to Fancy Metal Goods Ltd. Improvements in hair and clothes brushes for toilet use. 2,738,532, 8-20-56, Cl. 15-176.
- Read Standard Corp.: *See*—  
Cook, John V. 2,762,321.
- Davis, Lewis B., and Paulsen. 2,744,620.
- Duval, Montague M., and Vitz. 2,741,384.
- Ferro, Anthony J. 2,736,419.
- Jorgenson, Gerald A. 2,747,753.
- Rhodes, Herbert C. 2,758,741.

- Read Standard Corp. : *See*—Continued  
Rhodes, Herbert C. 2,742,807.  
Temple, Hiram E. 2,732,057.  
Temple, Hiram E. 2,734,617.  
Temple, Hiram E. 2,736,418.  
Temple, Hiram E. 2,732,944.  
Temple, Hiram E. 2,737,049.  
Temple, Hiram E. 2,762,487.  
Tench, George E., and Williams. 2,741,214.  
Whitfield, Joseph E. 2,732,232.
- Reade, Carleton W., to Dechow Wheel Co. Wheel and bearing assembly. 2,751,261, 6-19-56, Cl. 308-16.  
Reade, Gerald L., and C. Ekle. Corn saver attachment. 2,751,744, 6-26-56, Cl. 56-119.  
Reader, Joseph J. : *See*—  
Butler, Robert P. 2,742,233.  
Realex Microprint Corp. : *See*—  
Boni, Albert. 2,733,655.  
Ready, Inc. : *See*—  
Belsky, Robert C. and T. B., and Klarfeld. 2,764,774.  
Ready-Power Co., The : *See*—  
Gumpper, Harold D., and Marsh. 2,738,655.  
Reagan, Leon H., to General Dynamics Corp. Starting next idle register. 2,730,568, 1-10-56, Cl. 179-18.  
Reagan, Leon H., to General Dynamics Corp. Toll switch-board. 2,744,964, 5-8-56, Cl. 179-27.  
Reagan, Leon H., to General Dynamics Corp. Means for reducing contact capacitance. 2,744,967, 5-8-56, Cl. 179-78.  
Reagan, Leon H., to General Dynamics Corp. Manual telephone system. 2,749,389, 6-5-56, Cl. 179-41.  
Reale, Lucio. Process for preserving bananas. 2,741,560, 4-10-56, Cl. 99-193.  
Realistic Co., The : *See*—  
Schneidman, Earl E. 2,764,333.  
Real View, Inc. : *See*—  
Leslie, Howard O. 2,768,554.  
Ream, Donald F. Target hit indicator. 2,749,123, 6-5-56, Cl. 273-102.  
Ream, Donald F. Dueling target indicator. 2,749,124, 6-5-56, Cl. 273-102.2.  
Ream, Donald F. Target indicating apparatus. 2,749,125, 6-5-56, Cl. 273-102.2.  
Ream, Fred H. Rotating cutting disc type mower. 2,767,543, 10-23-56, Cl. 56-249.  
Reams, Hunter. Supporting and closing means for collapsible tubes. 2,730,262, 1-10-56, Cl. 220-18.  
Reamtown Products Co. : *See*—  
Knapp, Walter. 2,729,758.  
Knapp, Walter. 2,744,550.  
Knapp, Walter. 2,752,959.  
Reamy, Kenneth P. Door operating device. 2,756,990, 7-31-56, Cl. 268-55.  
Rear, James C., to The Union Ice Co. Vacuum produce cooler. 2,770,111, 11-13-56, Cl. 262-169.  
Reardon, Robert E. Decapper adapting mechanism. 2,761,486, 9-4-56, Cl. 153-44.  
Rearick, John S., and F. Schaaf, to The M. W. Kellogg Co. Process for polymerizing CFCFCI in slurry system. 2,742,454, 4-17-56, Cl. 260-92.1.  
Reasenberg, Julian R., to Mizzy, Inc. Beta (N-propylamino) beta, beta-dimethyl ethyl benzoate and its water-soluble salts. 2,767,207, 10-16-56, Cl. 260-47.  
Reaser, Marshall. Padlock opener. 2,756,618, 7-31-56, Cl. 81-3.  
Reason, Richard E., to Kapella Ltd. Spindle mountings. 2,741,517, 4-10-56, Cl. 308-140.  
Reason, Richard E., J. R. Adams, and K. R. Coleman, to Kapella Ltd. Optical projection systems. 2,741,153, 4-10-56, Cl. 88-24.  
Reaves, A. C. Broken circle ratchet wrench. 2,757,564, 8-7-56, Cl. 81-58.2.  
Reaves, Bessie L. : *See*—  
Reaves, Ellis G. 2,738,801.  
Reaves, Ellis G., deceased; B. L. Reaves, administratrix. Float valve assembly for flush tanks. 2,738,801, 3-20-56, Cl. 137-426.  
Reaves, Robert S. : *See*—  
Tanke, Willard H., and Reaves. 2,732,784.  
Reavis, William J., to The Comfy Mfg. Co. Fastener for slip covers. 2,759,236, 8-21-56, Cl. 24-152.  
Rebecchini, Eugene, to Schutter Candy Co. Food cooking apparatus. 2,753,158, 7-3-56, Cl. 257-78.  
Rebenstorf, Melvin A., to The Upjohn Co. Preparation of N-N-dibenzylethylenediamine. 2,773,098, 12-4-56, Cl. 260-570.9.  
Reber, Carroll J., Jr., to Philco Corp. Refrigerating system. 2,733,574, 4-10-56, Cl. 62-3.  
Rebichon, André, to J. Rebichon (born Meyronneine). Clasp for uniting the ends of strip ions encircling parcels. 2,746,601, 5-22-56, Cl. 206-65.  
Rebichon, Juliette : *See*—  
Rebichon, André. 2,746,601.  
Rebuffoni, Martin : *See*—  
Bichsel, Harry J., and Rebuffoni. 2,734,981.  
Rechler, Morton D., to Rexart Metal Industries, Inc. Folding chair. 2,729,277, 4-10-56, Cl. 155-148.  
Rechler, Morton D., to Rexart Metal Industries, Inc. Folding steamer chair. 2,761,492, 9-4-56, Cl. 155-139.  
Rechten, Adolf W., and B. M. Bellman, to British Telecommunications Research Ltd. Magnetic amplifier. 2,733,388, 1-31-56, Cl. 317-148.  
Rechten, Adolf W., and B. M. Bellman, to British Telecommunications Research Ltd. Apparatus for detecting the movement of objects of magnetic material. 2,760,182, 8-21-56, Cl. 340-38.  
Rechtin, Eberhardt C., to Bethlehem Steel Co. Offshore drilling barge. 2,771,747, 11-27-56, Cl. 61-46.5.  
Reck, Frank, to Bell Telephone Laboratories, Inc. Wire connecting tool. 2,743,502, 5-1-56, Cl. 29-33.  
Reck, Frank, to Bell Telephone Laboratories, Inc. Means for stripping insulated wire. 2,765,684, 10-9-56, Cl. 81-9.5.  
Reck, Richard A. : *See*—  
Gaar, Fielding S., and Reck. 2,759,021.  
Reckendorf, Frank F. G., deceased; J. Zupce, administratrix. Row boat anchor. 2,741,209, 4-10-56, Cl. 114-207.  
Reker, Richard F. Fishing arrow. 2,753,643, 7-10-56, Cl. 43-6.  
Reckhow, Robert W., to Western Electric Co., Inc. Apparatus for removing scrap wire from spools. 2,760,570, 8-28-56, Cl. 164-47.  
Reconstruction Finance Corp. : *See*—  
Couse, Kibbey W. 2,751,234.  
Hudson, George G. 2,773,661.  
McGregor, Eugene R. 2,750,993.  
Record Files, Inc. : *See*—  
Regenhardt, Hans W. 2,740,407.  
Regenhardt, Hans W. 2,767,715.  
Regenhardt, Hans W. 2,771,335.  
Records, Chester E. Cemented gravel filter block. 2,732,078, 1-24-56, Cl. 210-171.  
Records Service Corp. : *See*—  
Urban, Julius C., and Harvey. 2,763,182.  
Rector, Charles H., Jr., to Monsanto Chemical Co. Method of aggregating soils. 2,757,161, 7-31-56, Cl. 260-41.  
Rector, James W. : *See*—  
Page Leon B., and Rector. 2,768,224.  
Rector, Marion R. : *See*—  
Keilly, John H., and Rector. 2,775,625.  
Redard, Leslie J., to Plexi-Versal Corp. Universal joint. 2,762,721, 4-10-56, Cl. 64-20.  
Redcar, Aaron K., to Gulf Oil Corp. Purification of unsaturated hydrocarbon gases. 2,735,879, 2-21-56, Cl. 260-677.  
Redcar, Aaron K., to Gulf Oil Corp. Process for separation of gases. 2,765,635, 10-9-56, Cl. 62-122.  
Redd, John C. : *See*—  
Jenk, Robert L., and Redd. 2,774,698.  
Reddan, Edwin D., to Electronics Corp. of America. Explosion suppression. 2,760,586, 8-28-56, Cl. 169-28.  
Redden, Thomas K. : *See*—  
Eccles, Schuyler A., and Redden. 2,740,711.  
Reddy, Richard L. : *See*—  
Lenel, Fritz V., and Reddy. 2,765,524.  
Reddy, Virgin C., to General Motors Corp. Pressure control valve. 2,772,491, 12-11-56, Cl. 123-120.  
Redeker, Carl W., and E. B. Horse simulating treadle operated velocipede. 2,738,981, 3-20-56, Cl. 280-1.203.  
Redeker, Eugene B. : *See*—  
Redeker, Carl W., and E. B. 2,738,981.  
Redeker, Eugene B., to J. I. Case Co. Adjustably mounted shovels for cultivators. 2,742,843, 4-24-56, Cl. 97-198.  
Redetzke, Emery C., to J. I. Case Co. Spring-rip for cultivator shovels. 2,771,831, 11-27-56, Cl. 97-47.88.  
Redfern, Sutton : *See*—  
Hartzell, James P., Redfern, and Light. 2,734,875.  
Redfield, Frank E. Arm guiding means for golf stroke. 2,773,691, 12-11-56, Cl. 273-188.  
Redick, David C. : *See*—  
Hartzell, Herman L., Redick, and Julian. 2,769,047.  
Redick, David C., to General Motors Corp. Direction signaling device. 2,731,525, 1-17-56, Cl. 200-61.34.  
Redin, Eric G., to Aktiebolaget Manus. Device for cleaning milk conduits of machine milking plants. 2,763,017, 9-18-56, Cl. 15-104.06.  
Reding, Marcel : *See*—  
Bossard, Werner, and Reding. 2,760,959.  
Redington, F. B., Co. : *See*—  
Engelson, Harry E., and Hartbauer. 2,746,222.  
Engelson, Harry E., and Sramek. 2,746,383.  
Engelson, Harry E., and Sramek. 2,746,594.  
Malhot, Clarence J. 2,729,380.  
Malhot, Clarence J. 2,754,980.  
Red Jacket Mfg. Co. : *See*—  
Deters, Elmer M., and Patterson. 2,734,460.  
Patterson, Glenn A., and Deters. 2,739,252.  
Redman, Albert M., to Redman Tools & Products Ltd. Metal-bending machines. 2,773,537, 12-11-56, Cl. 153-46.  
Redman, Frank R. : *See*—  
Glasford, Donald C., and Redman. 2,773,295.  
Redman, Theodore H., and D. D. Stoltman, to General Motors Corp. Carburetor fuel chamber vent. 2,741,465, 4-10-56, Cl. 261-23.  
Redman Tools & Products Ltd. : *See*—  
Redman, Albert M. 2,773,537.  
Redmer, Martin H. Nut and biting-toothed locked washer with a shearable connection. 2,763,312, 9-18-56, Cl. 151-37.  
Redmer, Martin H., Chuck. 2,770,461, 11-13-56, Cl. 279-55.  
Redmer, Bryan C., to National Distillers Products Corp. Acrylic esters by formaldehyde condensation. 2,734,074, 2-7-56, Cl. 260-486.  
Redmon, Bryan C., to National Distillers Products Corp. Process for the production of levulinic acid. 2,738,367, 3-13-56, Cl. 23-528.  
Redmon, Charles L., and E. T. Sexton, Jr., to National Cylinder Gas Co. Apparatus for producing reducing elbows. 2,750,026, 6-12-56, Cl. 205-4.



- Redmon, Ernest L. Torque wrench adapter for power tools. 2,743,637, 5-1-56, Cl. 51—52.4.
- Redmond Co., Inc.: *See—*
- Howes, John T. 2,739,020.
- Latta, Edward. 2,733,609.
- Latta, Edward. 2,750,559.
- Latta, Edward. 2,755,721.
- Stones, Thomas W., and Tweedy. 2,769,934.
- Redmond, John A., to Westinghouse Electric Corp. Heat treatment apparatus. 2,768,635, 10-30-56, Cl. 134—122.
- Redmond, John A., and E. J. Carbo, to Westinghouse Electric Corp. Heat treatment of metallic workpieces. 2,752,470, 6-26-56, Cl. 219—10.43.
- Redner, Arthur D., to General Filters, Inc. Filter element and method of manufacture. 2,731,152, 1-17-56, Cl. 210—120.
- Redner, Roland A., to Uniflter Co. Integral fluid filter and valve construction. 2,751,930, 6-26-56, Cl. 137—549.
- Redrup, Charles B. and J. A. Cam and slide motion converting means for converting rotary motion to reciprocating motion. 2,767,589, 10-23-56, Cl. 74—57.
- Redrup, John A.: *See—*
- Redrup, Charles B. and J. A. 2,767,589.
- Redwing Ltd.: *See—*
- Hammond, Charles T. 2,752,184.
- Nunn, George W. 2,758,808.
- Red Wing Sewer Pipe Corp.: *See—*
- Carey, Thomas E. 2,739,118.
- Reed, Anthony J. Clasp. 2,762,099, 9-11-56, Cl. 24—49.
- Reed, Bayard C., to M. I. Glass. Toy train. 2,737,756, 3-13-56, Cl. 46—104.
- Reed, Charles E., and J. M. Tome, to General Electric Co. Process for preparing alkylpolyloxanes. 2,741,630, 4-10-56, Cl. 260—448.2.
- Reed, Claude D., H. C. Feitz, J. W. Hackett, and C. C. Hottenstein, to Bethlehem Steel Co. Slotting machine for mine rods. 2,730,730, 1-17-56, Cl. 10—11.
- Reed, Clifton W., and A. Frisoli, to Reed-Curtis Nuclear Industries, Inc. Film badge. 2,753,460, 7-3-56, Cl. 250—68.
- Reed-Cromex Corp.: *See—*
- Reed, Erwin. 2,760,245.
- Reed-Curtis Nuclear Industries, Inc.: *See—*
- Reed, Clifton W., and Frisoli. 2,753,460.
- Reed, Daniel J., to J. M. Stover. Relief valve for vaporizer. 2,731,001, 1-24-56, Cl. 62—1.
- Reed, Daniel J., to O. Smith Corp. Method and apparatus for fabricating a tubular article from a fibrous strand. 2,747,649, 5-29-56, Cl. 154—1.7.
- Reed, Daniel J., to A. O. Smith Corp. Method and apparatus for erecting helical storage vessel. 2,751,672, 5-29-56, Cl. 29—429.
- Reed, Daniel J., and J. H. Tanner, to J. M. Stover. Liquid fuel vaporizer. 2,744,387, 5-8-56, Cl. 62—1.
- Reed, Daniel J., and W. Kennedy, to A. O. Smith Corp. Galvanizing interior of container. 2,764,124, 9-25-56, Cl. 113—302.
- Reed, Davs W., to Shell Development Co. Apparatus for cementing wells. 2,762,440, 9-11-56, Cl. 166—154.
- Reed, Edwin D. Gage unit. 2,741,850, 4-17-56, Cl. 33—178.
- Reed, Edwin D. Stem caliper for shallow bores. 2,746,156, 5-22-56, Cl. 33—143.
- Reed, Edwin D., to Phillips Petroleum Co. Hydraulic control system for liquefied gas flow control valves. 2,731,803, 1-24-56, Cl. 62—1.
- Reed, Edwin E., to Phillips Petroleum Co. Emergency tank depressuring valve systems and processes. 2,760,343, 8-28-56, Cl. 62—1.
- Reed, Edw. to Armeto Steel Corp. Resistance welding machine for sheet. 2,730,601, 1-10-56, Cl. 219—10.
- Reed, Erwin, deceased; W. Friedman, executor, to Reed-Cromex Corp. Unitary take-up escutcheon mold. 2,760,245, 8-28-56, Cl. 22—153.
- Reed, Eugene B. Resiliently supported heel rest. 2,761,329, 9-4-56, Cl. 74—564.
- Reed, Everell E. Vibrating strike-off. 2,746,366, 5-22-56, Cl. 94—45.
- Reed, Frederick H.: *See—*
- Jones, Jean E., Reed, and Kuniks. 2,759,822.
- Reed, Gilbert W. Hay stacking device and unloader. 2,755,947, 24-56, Cl. 214—338.
- Reed, Harold V., to Borg-Warner Corp. Clutch driven plate. 2,745,268, 5-15-56, Cl. 64—27.
- Reed, Harold V., to Borg-Warner Corp. Friction clutch assembly. 2,765,892, 10-9-56, Cl. 192—99.
- Reed, Harry J., Jr.: *See—*
- Gray, John W., Hayek, Finkler, and Reed. 2,761,332.
- Reed, Jack. Toothbrush and cover therefor. 2,774,982, 12-25-56, Cl. 15—184.
- Reed, Jack O., to Chemical Specialties Co., Inc. Implanter and cartridge. 2,761,446, 9-4-56, Cl. 128—217.
- Reed, John, to Armeto Mfg. Co. Low pass filters. 2,762,986, 9-11-56, Cl. 333—73.
- Reed, John A., to Tootal Broadhurst Lee Co. Ltd. Contact mixer. 2,774,654, 12-18-56, Cl. 23—285.
- Reed, John C. 50% to D. E. Goley. Rear vision glasses. 2,739,508, 3-27-56, Cl. 88—41.
- Reed, John E. Tubing anchor. 2,765,855, 10-9-56, Cl. 166—217.
- Reed, Kenneth J., to Eastman Kodak Co. Cyanine dyes containing a 3,5-diarylpolyole nucleus and process of preparation. 2,739,148, 3-20-56, Cl. 260—240.5.
- Reed, Kenneth M. Stackable service tray. 2,771,232, 11-20-56, Cl. 224—48.
- Reed, Lawrence A., to Namreed Corp. Hydraulically actuated garbage disposal unit. 2,761,627, 9-4-56, Cl. 241—46.
- Reed, Lawrence O. Illuminated fishing float. 2,738,609, 3-20-56, Cl. 43—17.5.
- Reed, Leonard G. Fish lure. 2,758,466, 10-30-56, Cl. 43—42.39.
- Reed, Lester A. Tear strip can opener. 2,738,098, 3-13-56, Cl. 220—52.
- Reed, Macdonald S. Method of forming integrally stiffened panels. 2,741,834, 4-17-56, Cl. 29—548.
- Reed, Macdonald S., to Erie Foundry Co. Counterbalance cylinder for forging presses and the like. 2,767,601, 10-23-56, Cl. 78—42.
- Reed Mfg. Co.: *See—*
- Bjalme, Bengt G. 2,760,213.
- Jonasson, Axel V. 2,747,275.
- Petersen, Thorvald. 2,739,381.
- Petersen, Thorvald. 2,739,382.
- Petersen, Thorvald. 2,757,392.
- Reed, Nelson G., to The Cooper-Bessemer Corp. Heat exchanger. 2,746,725, 5-22-56, Cl. 257—6.
- Reed, Otis F. Torque increasing means. 2,735,306, 2-21-56, Cl. 74—120.
- Reed-Prattice Corp.: *See—*
- Corbett, Harold. 2,763,374.
- Rougemon, René L. 2,739,773.
- Reed, Ralph J.: *See—*
- Kellett, Daie, Sidwell, and Reed. 2,771,387.
- Reed, Robert B., to Western Electric Co., Inc. Methods of and apparatus for testing welded strips. 2,732,712, 1-31-56, Cl. 73—100.
- Reed, Robert D., to John Zink Co. Gas burner for water wall furnace. 2,737,234, 3-6-56, Cl. 158—116.
- Reed, Robert D., and J. S. Sze, to John Zink Co. Draft control means for fuel burners. 2,757,721, 8-7-56, Cl. 158—1.5.
- Reed, Robert H., to Mavor & Coulson Ltd. Scraper conveyor. 2,767,374, 7-31-56, Cl. 198—171.
- Reed Roller Bit Co.: *See—*
- Boice, Elvin G. 2,750,154.
- Elliott, Charles H. 2,734,776.
- Koch, William M. 2,738,166.
- Kucera, Clement M. 2,754,091.
- Noble, Wiley B., Evans, and Goolsbee. 2,737,710.
- Norbert, Robert. 2,749,092.
- Peter, Robert G. 2,749,093.
- Peter, Robert G. 2,759,706.
- Schmid, Paul E. 2,733,687.
- Schmid, Paul E. 2,757,823.
- Reed, Russell W.: *See—*
- Nelson, Wilkes W., and Reed. 2,739,639.
- Reed, Spencer D. Fluid feed devices for drill presses and other power tools. 2,762,244, 9-11-56, Cl. 77—33.5.
- Reed, Thomas E.: *See—*
- Sturgeon, Hugh D. 2,756,022.
- Reed, Thomas F.: *See—*
- Coleman, William E., and Reed. 2,740,288.
- Reed, Thomas W., to The F. Hohlfelder Co. Mounting ring. 2,729,846, 1-10-56, Cl. 16—109.
- Reed, Wade R. Internal line-up clamp. 2,754,787, 7-17-56, Cl. 113—102.
- Reed, Walter E., to Acme Visible Records, Inc. Panel assembly. 2,752,706, 7-3-56, Cl. 40—102.
- Reed, W. John J. Sprinkler head. 2,747,937, 5-29-56, Cl. 299—114.
- Reed, Wendell E., to Solar Aircraft Co. Pressure responsive indicating, sensing, and controlling devices. 2,746,242, 5-22-56, Cl. 60—35.6.
- Reed, William A.: *See—*
- Graham, Marion E., and Reed. 2,754,193.
- Graham, Marion E., and Reed. 2,754,194.
- Graham, Marion E., and Reed. 2,754,195.
- Graham, Marion E., Reed, and Cameron. 2,766,115.
- Reed, William O., to The Rauland Corp. Storage electrode for a signal storage device. 2,734,145, 2-7-56, Cl. 313—283.
- Reed, William O., to The Rauland Corp. Wavelength-responsive device. 2,739,245, 3-20-56, Cl. 250—217.
- Reed, William O., to The Rauland Corp. Method and apparatus for inscribing a pattern in a target electrode structure. 2,741,719, 4-10-56, Cl. 315—12.
- Reed, William O., to The Rauland Corp. Image-reproducing device. 2,741,724, 4-10-56, Cl. 313—78.
- Reed, William T.: *See—*
- Walker, Duane J. 2,743,846.
- Reedy, Emmett M., and H. Mueller, to Mueller Co. Pipe stopper fitting. 2,763,282, 9-18-56, Cl. 137—318.
- Reedy, Eugene F., to Sperry Rand Corp. Display instrument for radio navigation systems. 2,732,550, 1-24-56, Cl. 343—107.
- Reedy, Fred O., to Kennedy-Van Saun Mfg. & Eng. Corp. Method of processing asbestos ore. 2,743,059, 4-24-56, Cl. 241—1.
- Reedy, Herman W.: *See—*
- Millaps, Paul R., Morton, and Reedy. 2,744,503.
- Reedy, Thomas D.: *See—*
- Luze, Edward J., and Reedy. 2,740,017.
- Reef, Jan. Gauge. 2,747,288, 5-29-56, Cl. 33—163.
- Reehling, Harold A., to Armstrong Cork Co. Method of evaluating polymerized vinyl chloride systems. 2,773,746, 12-11-56, Cl. 23—230.

- Reek, Robert J., to Teletype Corp. Transistor relay device. 2,770,734, 11-13-56, Cl. 250-36.
- Reen, Gerald K., and G. B. Booth, to Textron American, Inc. High frequency vibration exciter and calibrator. 2,751,512, 2-15-56, Cl. 319-27.
- Reustra, Willard A., to Bell Telephone Laboratories, Inc. Number group circuit. 2,760,004, 8-21-56, Cl. 179-18.
- Reents, August C.: *See*—
- Stroumquist, Donald M., Reents, and Veerman. 2,771,424.
- Rees, Wilhelms W., Müschenborn, and E. Nötzold. Process for the removal of ash and water from raw material containing coal. 2,744,626, 5-8-56, Cl. 209-49.
- Reering, Wilhelm W., Müschenborn, and E. Nötzold, to Bergwerksverband Zur Verwertung Von Schutzrechten der Kohleindustrie, m. b. H. Production of high-grade products, especially fuels, from raw material containing pit coal or brown coal. 2,769,537, 11-6-56, Cl. 209-49.
- Reering, Wilhelm W., Müschenborn, and E. Nötzold. Process for froth flotation dressing. 2,769,538, 11-6-56, Cl. 209-49.
- Rees, Earl W. Meat grinder and safety attachment therefor. 2,730,147, 1-10-56, Cl. 146-182.
- Rees, Harry V.: *See*—
- Sellers, Frederick B., and Rees. 2,764,554.
- Rees, Harry V., and F. B. Sellers, to Texaco Development Corp. Process for the production of a hydrogen-nitrogen mixture and acetylene. 2,764,555, 9-25-56, Cl. 252-376.
- Rees, Vivian S. Weight releaser for fish lines. 2,749,650, 12-5-56, Cl. 13-43.
- Reese, Cole L., 21½% to J. H. Stroman, and 5% to J. V. Connell. Safety cylinder for hydraulic brakes. 2,746,252, 5-22-56, Cl. 60-54.5.
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- Reese, Donald H.: *See*—
- Ranney, Rufus P., and Reese. 2,731,185.
- Reese, Garland W., Jr., and G. E. Schmidt, to Allegheny Ludlum Steel Corp. Method for making low carbon 18-8 type steels. 2,745,731, 5-15-56, Cl. 75-12.
- Reese, James E., 43½% to R. P. Walters and 25% to J. T. Hinford. Speed control system. 2,767,698, 10-23-56, Cl. 123-102.
- Reese, John E.: *See*—
- Lorand, Eugene J., and Reese. 2,757,207.
- Reese, Kenneth E. Apparatus for conveying feed in a poultry house. 2,754,801, 7-17-56, Cl. 119-52.
- Reese, Morris T.: *See*—
- Runalude, Lewis R., and Reese. 2,732,477.
- West, Harry R., and Reese. 2,751,511.
- Reese, Robert E.: *See*—
- Posey, Robert L., and Reese. 2,746,284.
- Reese, Terrell J. Adjustable load trailer hitch. 2,729,467, 1-3-56, Cl. 280-406.
- Reese, Terrell J. Overload spring. 2,733,058, 1-31-56, Cl. 267.
- Reese, William J., to Tinius Olsen Testing Machine Co. Gripping means for a torsion testing machine or the like. 2,729,129, 1-3-56, Cl. 81-179.
- Reese, William M., to Industrial Instrument Corp. Differential pressure responsive device. 2,762,391, 9-11-56, Cl. 137-779.
- Reese, William M., to Industrial Instrument Corp. Differential pressure responsive bellows device. 2,762,392, 9-11-56, Cl. 137-780.
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- Reeser, Harry C., to The Patent and Licensing Corp. Shipping container. 2,750,291, 1-10-56, Cl. 229-23.
- Reetz, Theodor.: *See*—
- Hardy, Edgar E., and Reetz. 2,770,610.
- Reeve Electrical Co., Inc.: *See*—
- Cassell, Joseph L., and Caretto. 2,749,453.
- Reeve, Lewis, to The United Steel Companies Ltd. Production of ferric chloride. 2,752,223, 6-26-56, Cl. 23-87.
- Reeve & Mitchell Mfg. Co., Inc.: *See*—
- Pentland, Mary, and Banner. 2,729,258.
- Reeves, Adam A., M. W. Putnam, J. B. Jones, Jr., and J. G. Tripp, to the United States of America as represented by the Secretary of the Interior. Method for the destructive distillation of hydrocarbonaceous materials. 2,757,129, 7-31-56, Cl. 202-6.
- Reeves, Alec H.: *See*—
- Chatterjee, Pratalla K., and Reeves. 2,740,839.
- Reeves, Alec H., and R. B. W. Cooke, to International Standard Electric Corp. Electric counting devices and circuits employing semi-conductors. 2,770,740, 11-13-56, Cl. 307-88.5.
- Reeves, Arthur E., deceased; R. G. Nichols, executor. Apparatus for photographic printing. 2,740,061, 3-27-56, Cl. 313-34.
- Reeves, Edward. Carburetor fuel economizer valve. 2,763,285, 9-18-56, Cl. 137-480.
- Reeves, Frederick M. Fishing device. 2,735,213, 2-21-56, Cl. 43-43.13.
- Reeves, Herbert M., to Florence Stove Co. Cookstoves. 2,743,719, 3-1-56, Cl. 126-21.
- Reeves, Herbert M., to Florence Stove Co. Backguard mounting for cookstoves. 2,762,594, 9-11-56, Cl. 248-224.
- Reeves, Herbert M., to Florence Stove Co. Gas range drawer structure. 2,762,677, 9-11-56, Cl. 312-341.
- Reeves Instrument Corp.: *See*—
- Stodola, Edwin K. 2,764,685.
- Reeves, James J.: *See*—
- Goldmark, Peter C., and Reeves. 2,740,071.
- Reeves Pulley Co.: *See*—
- Trommel, Walter H. 2,770,978.
- Reeves Rubber, Inc.: *See*—
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- Curtis, Rowland G. 2,750,211.
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- Flynn, Francis F., Reeves, and Guthrie. 2,743,299.
- Reeves, Wilson A., and J. D. Guthrie, to the United States of America as represented by the Secretary of Agriculture. Phenylaminoalkylated cellulosic textiles and process of chemically modifying them. 2,750,249, 6-12-56, Cl. 8-17.
- Reeves, Wilson A., J. R. Corley, and J. D. Guthrie, to the United States of America as represented by the Secretary of Agriculture. Process for the chemical modification of cotton sliver with sodium hydroxide solution. 2,751,278, 6-19-56, Cl. 8-125.
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- Cornell, Martin G., Kunin, Mattikow, and Thurman. 2,771,480.
- Perman, David, and Mattikow. 2,746,957.
- Thurman, Benjamin H. 2,759,957.
- Refinite Corp.: *See*—
- Spaulding, Charles A., Jr., and Schmidt. 2,754,263.
- Reflectone Corp.: *See*—
- Coster, Allan A. 2,734,388.
- Simjian, Luther G. 2,735,231.
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- Levy, Edward M. 2,766,958.
- Regan Forge & Engineering Co.: *See*—
- Minor, Burt S. 2,734,718.
- Minor, Burt S. 2,746,708.
- Regge, John J., and H. W. Roebber, to Sylvania Electric Products, Inc. Port section for double turret sealax. 2,744,671, 5-8-56, Cl. 226-20.4.
- Regelman, La Rue V., to Sylvania Electric Products Inc. Dual adjustment magnetic slip brake. 2,741,714, 4-10-56, Cl. 310-93.
- Regenhardt, Hans W., to Record Files, Inc. File compartment and follower. 2,740,407, 4-3-56, Cl. 129-29.
- Regenhardt, Hans W., to Record Files, Inc. File drawer and follower. 2,767,715, 10-23-56, Cl. 129-31.
- Regenhardt, Hans W., to Record Files, Inc. Rear-end suspension system for drawers and the like. 2,771,335, 11-20-56, Cl. 312-342.
- Regensburger, Richard W., to Swift & Co. Animal immobilizing apparatus. 2,737,683, 3-13-56, Cl. 17-1.
- Regent Jack Mfg. Co., Inc.: *See*—
- Pearne, Frank S. Re. 24,230.
- Pearne, Frank S. 2,734,716.
- Pearne, Frank S. 2,753,952.
- Reggiani Meccanotex S. p. a.: *See*—
- Giani, Adolfo. 2,755,085.
- Regie Nationale des Usines Renault: *See*—
- Péras, Lucien. 2,756,989.
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- Péras, Lucien J. 2,775,129.
- Salves, Leon. 2,731,098.
- Salves, Leon. 2,733,630.
- Salves, Leon. 2,738,024.
- Salves, Léon. 2,745,526.
- Salves, Leon. 2,749,422.
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- Regier, Dietrich D., to Unloading units for trailer wagons. 2,774,495, 12-18-56, Cl. 21-4-33.36.
- Regier, Robert B., to Phillips Petroleum Co. Method of measuring temperature. 2,739,035, 3-20-56, Cl. 23-1.
- Regier, Russell K.: *See*—
- Spurrier, William A., and Regier. 2,769,494.
- Regina, J. C., to Wagner Electric Corp. Valve cage assembly. 2,735,441, 2-21-56, Cl. 137-102.
- Regnier, Frederick I.: *See*—
- Stratman, William C., Jones, and Regnier. 2,765,685.



- Regnier, Norman J., to Hoffman Electronics Corp. Crystal oscillator circuits or the like. 2,773,187, 12-4-56, Cl. 250-38.
- Regnier, Wilmer D.: See—  
Day, Carl L., and Regnier. 2,743,091.
- Rehacek, Alois. Spring tightener of a ski binding. 2,733,075, 1-31-56, Cl. 280-11.35.
- Rehberg, Charles A., to Shell Development Co. Circulation of fluidized solids. 2,758,885, 8-14-56, Cl. 302-66.
- Rehberg, Chessie E., to the United States of America as represented by the Secretary of Agriculture. Liquid acrylic ester telomers with isopropylated benzene and process for their production. 2,752,387, 6-26-56, Cl. 260-475.
- Rehels Co., Inc.: See—  
Beekman, Stewart M. 2,765,213.
- Reher, Fred W., to Chase Brass & Copper Co., Inc. Automatic strip-guiding apparatus. 2,737,386, 3-6-56, Cl. 271-2.6.
- Reher, Louis J. M.: See—  
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- Rehfeld, George W. Smoking device. 2,772,680, 12-4-56, Cl. 131-182.
- Rehr, Paul E.: See—  
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- Rehwald, Gerhard, and H. Mehlber. to Stolberger Zink Aktiengesellschaft für Bergbau und Hüttenbetrieb. Crushing mill. 2,757,872, 8-7-56, Cl. 241-275.
- Reibig, Eric A., to Rockwell Mfg. Co. Power transmission mechanisms. 2,773,395, 12-11-56, Cl. 74-333.
- Reibman, Sheldon N. Children's portable toilet seat. 2,767,408, Cl. 25-56, Cl. 4-239.
- Reibnitz, Bruno V., A. Woerner, and H. Scheuermann, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Condensation products of glyoxal monourein and aldehydes. 2,764,573, 9-25-56, Cl. 260-67.5.
- Reich, A., & Sons, Inc.: See—  
Reich, Walter A. 2,738,086.  
Reich, Walter A. 2,743,028.  
Reich, Walter A. 2,747,916.  
Reich, Walter A. 2,764,305.
- Reich, Adolf, to Firma Willy Ammann, Werkstätten für Feinmechanik und Apparatur. Wire winding apparatus with constant tension. 2,766,945, 10-16-56, Cl. 242-43.
- Reich, Günter: See—  
Nölker, Hans G., and Reich. 2,759,661.
- Reich, Walter A., to A. Reich & Sons, Inc. Hand truck for handling banana bunches. 2,738,086, 3-13-56, Cl. 214-13.
- Reich, Walter A., to A. Reich & Sons, Inc. Apparatus for shifting loads carried by overhead tracks. 2,743,028, 4-24-56, Cl. 214-730.
- Reich, Walter A., to A. Reich & Sons, Inc. Grappling hook for banana handling equipment. 2,747,916, 5-29-56, Cl. 214-109.
- Reich, Walter A., to A. Reich & Sons, Inc. Head attachment for banana hand truck. 2,764,305, 9-25-56, Cl. 214-501.
- Reich I. Willi: See—  
Jahnentz, Walter, Weichert, and Reich I. 2,764,524.
- Reichle, Ludwig P.: See—  
Willard, Leslie A., Vice, Armstrong, and Reichle. 2,738,757.
- Reichel, Arthur N. Flow actuated devices. 2,734,107, 2-7-55, Cl. 200-81.9.
- Reichel, Frank H., to American Viscose Corp. Process for the production of stuffed products. 2,757,495, 8-7-56, Cl. 53-20.
- Reichel, Howard G.: See—  
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- Reichelt, Bernard T., Reichel, and Prohaska. 2,755,731.
- Reichelt, Waldimir A., and J. F. Emerson, to Kearfoot Co., Inc. Vertical reference system with potentiometer control. 2,751,474, 6-19-56, Cl. 201-57.
- Reichelt, Walter, to F. Blasl & Co. Copying grinding machine. 2,751,719, 6-26-56, Cl. 51-100.
- Reichelt, Lester O.: See—  
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Kalbow, Theodore W., and Reichelt. 2,768,596.
- Reichelt, Lester O., to Western Electric Co., Inc. Device for storing and transporting articles. 2,766,993, 10-16-56, Cl. 280-79.1.
- Reichelt, Lester O., and H. F. Runge, to Western Electric Co., Inc. Brazing fixture. 2,767,301, 10-16-56, Cl. 219-85.
- Reichenacker, William J., to Westinghouse Electric Corp. Cu-Mn-Zn resistance alloy. 2,772,962, 12-4-56, Cl. 75-157.5.
- Reichert, James B. Apparatus for controlling aircraft. 2,760,739, 8-28-56, Cl. 244-83.
- Reichert, Otto, to Olympia Werke Aktiengesellschaft. Control apparatus for manual and power drives of a machine. 2,761,330, 9-4-56, Cl. 74-625.
- Reichert, William G. Foundry flask construction. 2,773,290, 12-11-56, Cl. 22-101.
- Reichertz, Paul P., to Socony Mobil Oil Co., Inc. Measurement of wall thickness. 2,748,290, 5-29-56, Cl. 50-83.6.
- Reichhelm, Robert, to The Robert Reichhelm Co., Inc. Burners for liquid fuels. 2,735,481, 2-21-56, Cl. 158-5.
- Reichhelm, Robert Co., Inc. The: See—  
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- Reichman, Jack: See—  
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- Reichstein, Tadeus, to Organon, Inc. Etiocholanic acid derivatives and a process of making same. 2,748,149, 5-29-56, Cl. 260-397.1.
- Reichstein, Tadeus, to Organon, Inc. 3,14,21-trihydroxy peganediones (11,20) and process. 2,752,372, 6-26-56, Cl. 260-397.45.
- Reichstein, Tadeus, to Organon, Inc. Process of preparing compounds having adrenocortical hormone activity. 2,773,076, 12-4-56, Cl. 260-397.45.
- Reid, Alan A.: See—  
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- Reid, Alan A., ½ to W. D. Stotts. Machine for folding and sealing shirts. 2,737,765, 3-13-56, Cl. 53-50.
- Reid, Allen F., to the United States of America as represented by the United States Atomic Energy Commission. Method of making a product containing uranium 237. 2,769,776, 11-6-56, Cl. 204-154.
- Reid, Allen F. Process of concentrating. 2,772,953, 12-4-56, Cl. 23-311.
- Reid, Carl R., to The Hoover Co. Electrical coil testing apparatus. 2,741,738, 4-10-56, Cl. 324-62.
- Reid, Dwelle E. Ditch box with combined latch and disappearing striking surface. 2,758,708, 8-14-56, Cl. 206-20.
- Reid, Frederick M., and H. Locker, to Freuhauf Co. Fifth wheel suspension for trailers and the like. 2,733,931, 2-7-56, Cl. 280-44.
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- Reid, Henry. Work-holding clamp for trimming machines. 2,734,574, 2-14-56, Cl. 164-79.
- Reid, Henry. Machine for edge trimming, notching, and punching thin walled articles. 2,742,086, 4-17-56, Cl. 164-79.
- Reid, Henry. Cam movement. 2,759,366, 8-21-56, Cl. 74-55.
- Reid, Henry. Flat edge trimmer with an internal shearing punch. 2,759,541, 8-21-56, Cl. 164-47.
- Reid, James H., to Allen B. Du Mont Laboratories, Inc. Motor operated rotary positioning system. 2,755,423, 7-17-56, Cl. 318-467.
- Reid, James J., and J. F. Brown. Safety automatic door stop. 2,759,227, 8-21-56, Cl. 20-16.
- Reid, John C.: See—  
Hersberger, Arthur B., and Reid. 2,773,854.
- Reid, John C., and C. Sieboldman, to The Atlantic Refining Co. Production of maleic and alkyl substituted maleic anhydrides by catalytic oxidation. 2,773,838, 12-11-56, Cl. 252-437.
- Reid, John D.: See—  
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- Reid, John H.: See—  
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- Reid, Kenneth E., to Smiths Jacking Systems Ltd. Pressure sensitive flow indicator. 2,772,408, 11-27-56, Cl. 340-239.
- Reid, Ralph A., and V. W. Leonard, to General Electric Co. Traffic signal controller. 2,745,086, 5-8-56, Cl. 340-40.
- Reid, Raymond W., to The Dow Chemical Co. Method of making conductively coated electrodes. 2,745,774, 5-15-56, Cl. 212-2.
- Reid, Robert J., E. S. Hanson, and R. J. Pikna, to The Firestone Tire & Rubber Co. Production of dibromochloro-fluoromethane from dichlorofluoromethane. 2,755,314, 7-17-56, Cl. 260-653.
- Reid, Robert L., J. Laban, G. E. Archibronn, and A. E. Slayton, to Radio Television Products Corp. Inductor structure. 2,732,529, 1-24-56, Cl. 333-78.
- Reid, Robert R.: See—  
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- Reid, Thomas S., G. H. Smith, and W. H. Pearson, to Minnesota Mining & Mfg. Co. Production of cyclohexene fluorocarbons. 2,746,997, 5-22-56, Cl. 260-648.
- Reid, William L., and D. A. Galonska, to General Motors Corp. Transmission control indicator. 2,756,717, 7-31-56, Cl. 116-124.
- Reid, Willie A. Hydraulic coupling for use between a driven and driven element. 2,733,794, 2-7-56, Cl. 192-58.
- Reidenbach, Fritz, to A. Stephen u. Sohne. Grinding disc. 2,749,681, 6-12-56, Cl. 51-195.
- Reidenbach, Oscar V., to The General Clay Products Co. Ceramic column texturing machines. 2,750,646, 6-19-56, Cl. 212-2.
- Reider, Malcolm J., to Geo. W. Bollman & Co., Inc. Method of decorating a hat. 2,736,633, 2-28-56, Cl. 8-150.
- Reidinger, Albert D.: See—  
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- Reif, David L., to Clinton Machine Co. Engine starter. 2,730,092, 1-10-56, Cl. 123-185.
- Reif, Rexoil, Inc.: See—  
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- Reifenberger, Hubert, to Peters Pneu Renova K-G. Pneumatic tires for vehicles. 2,760,541, 8-28-56, Cl. 152-153.
- Reifenhäuser, Hans, to Hugo Stinnes Verwaltung G. m. b. H. Moulding screw extruding press. 2,764,750, 10-2-56, Cl. 18-12.
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- Reifers, Richard F., to The Diamond Match Co. Egg Carton. 2,755,984, 7-24-56, Cl. 229-28.
- Reiff, Orland M., to Socony Mobil Oil Co., Inc. Lubricating oil containing dispersed magnesium. 2,742,427, 4-17-56, Cl. 252-26.
- Reiff, Robert H.: See—  
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- Reiffin, Martin G. Wrenches with adjustable jaws responsive to handle actuation. 2,745,305, 5-15-56, Cl. 81-128.
- Reifsteck, Francis,  $\frac{1}{2}$  to J. W. Kinney, Jr.,  $\frac{1}{2}$  to R. E. Winkelmeier, and  $\frac{1}{2}$  to J. M. Luker. Tail gate latches and latch devices. 2,735,715, 5-22-56, Cl. 296-51.
- Reigel, George W.: See Bolanowski, John P., Miller, Reigel, and Sutton. 2,766,765.
- Reigh, Clarence J.: See Hursh, Samuel R., and Reigh. 2,743,539.
- Reighart, June H. Ladle maintenance apparatus. 2,774,123, 12-18-56, Cl. 22-85.
- Reihman, Earl F.: See Cressman, Robert C., and Reihman. 2,771,521.
- Reihman, Earl F., to General Electric Co. Solenoid-operated electric switch. 2,738,395, 3-13-56, Cl. 200-112.
- Reilly, Allen P., and J. R. Stoklas, Jr., to Keco Plating Co. Plating rack. 2,734,859, 2-14-56, Cl. 204-297.
- Reilly, Edward L., to E. I. du Pont de Nemours and Co. Preparation of oximes. 2,749,358, 6-3-56, Cl. 260-465.
- Reilly, Edward L., to E. I. du Pont de Nemours and Co. Manufacture of aromatic nitriles. 2,769,832, 11-6-56, Cl. 260-465.
- Reilly, Hugh L. Seed spacing drill. 2,760,684, 8-28-56, Cl. 222-177.
- Reilly, James J., to The Waterbury Tack Co., Inc. Tack packaging. 2,758,301, 8-7-56, Cl. 1-1.
- Reilly, John H., and M. R. Rector, to The Dow Chemical Co. Inhibiting polymerization of monomeric vinylidene chloride. 2,775,625, 12-25-56, Cl. 260-652.5.
- Reilly, K. G.: See Engel, William R. 2,765,990.
- Reilly, Park M., J. E. D. Carwardine, and C. M. Finigan, to Polymer Corp. Removal of ketone impurities in the preparation of butadiene-1,3. 2,739,176, 3-20-56, Cl. 260-681.5.
- Reilly, Robert C.: See Massey, Phillip S., and Reilly. 2,769,455.
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- Cislak, Francis E. 2,743,277.
- Cislak, Francis E. 2,748,141.
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- Cislak, Francis E. 2,756,237.
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- Cislak, Francis E., and McGill. 2,759,946.
- Reiman, Ralph E. Polisher head abrasive feed. 2,771,721, 11-27-56, Cl. 51-193.7.
- Reimer, George M.: See Hayes, Robert A., and Reimer. 2,730,977.
- Reimer, John F. to Invincible Metal Furniture Co. File tray with compressor or follower. 2,761,454, 9-4-56, Cl. 129-30.
- Reimer, Lulu H.: See Mohun, Meade, and Reimer. 2,742,650.
- Reimer, William A., deceased, L. H. Reimer, administratrix, to L. H. Reimer. Adjustable clutch means having crop lifting means. 2,742,330, 5-22-56, Cl. 56-312.
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- Reimschuessel, Charles A., and D. E. Youtz, to Landis Machine Co. Die head with eccentric circular clutch. 2,739,322, 3-27-56, Cl. 10-95.
- Reimspies, Franz X., and F. A. E. Porsche, to Dr. Ing. h. c. F. Porsche K.-G. Independent wheel suspensions for the steerable wheels of motor vehicles. 2,730,375, 1-10-56, Cl. 280-124.
- Reimund, Robert E.: See D'Audifert, Adolph A., and Reimund. 2,740,476.
- D'Audifert, Adolph A., and Reimund. 2,756,020.
- Rein, Samuel W.: See Pecora, Ralph J., Jr., Rein, and Fleming. 2,753,217.
- Reinartz, Robert W.: See Dietrich, Paul H., Reinartz, and Morgenlander. Re. 2750,883.
- Reinberger, William C., to Thompson Products, Inc. Piston construction. 2,771,827, 11-20-56, Cl. 309-12.
- Reindel, Ira H.: See Kohler, William L., and Gaynor. 2,768,438.
- Reinebach, Lewis C. Slide changer. 2,740,326, 4-3-56, Cl. 85-28.
- Reinemann, Richard G.: See Chapman, David, and Reinemann. 2,747,654.
- Reinemann, Richard G., to The Brunswick-Balke-Collender Co. Shoe for a furniture leg. 2,744,283, 5-8-56, Cl. 16-42.
- Reinemann, Richard G., to The Brunswick-Balke-Collender Co. Furniture leg. 2,744,804, 5-8-56, Cl. 311-109.
- Reiner, Eugene J., H. S. Schultz, J. G. Shuman, and M. Silberberg, to Technical Tape Corp. Production of bisphenols by condensation of phenols with ketones catalyzed by hydrogen sulfide or hydrogen telluride. 2,762,846, 9-11-56, Cl. 260-619.
- Reiner, George. Paper cup dispensing carton. 2,771,216, 11-20-56, Cl. 221-302.
- Reiner, Irving. Electrostatic pendulum clock. 2,760,331, 8-28-56, Cl. 58-30.
- Reiner, Laszlo, to Wallace & Tiernan Co., Inc. Antifungal composition. 2,731,386, 1-17-56, Cl. 167-58.
- Reiner, Robert, Inc.: See Lambach, Fritz. 2,760,454.
- Reiners, Herbert H., and M. E. Venetian blind. 2,747,662, 5-29-56, Cl. 160-178.
- Reiners, Myrtle E.: See Reiners, Herbert H., and M. E. 2,747,662.
- Reiners, Neville M., to Cummins Engine Co., Inc. Fuel apparatus for an internal combustion engine. 2,749,897, 6-12-56, Cl. 123-140.
- Reiners, Walter: See Fürst, Stefan. 2,733,870.
- Fürst, Stefan. 2,743,877.
- Fürst, Stefan. 2,752,102.
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- Fürst, Stefan. 2,755,857.
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- Fürst, Stefan. 2,763,913.
- Fürst, Stefan. 2,769,599.
- Fürst, Stefan, and Beckers. 2,754,071.
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- Fürst, Stefan, and Reiners. 2,736,505.
- Reingold, Lucien: See Fouré, Claude, and Reingold. 2,729,059.
- Reinhold, Wolfgang, to International Standard Electric Corp. Cathode ray deflection coils. 2,771,563, 11-20-56, Cl. 313-76.
- Reinhardt, Henry B., to American Brake Shoe Co. Renewable hammer end of the two-way reversible type. 2,760,124, 6-12-56, Cl. 241-197.
- Reinhardt, Herbert P., to P. R. Mallory & Co., Inc. Method of pressing powder compacts. 2,747,231, 5-29-56, Cl. 18-59.3.
- Reinhardt, James D., to Aluminum Home Products Corp. Self-storing storm window and screen. 2,761,498, 9-4-56, Cl. 160-90.
- Reinhardt, John P. Movable elevated work platform supporting structure. 2,732,118, 1-24-56, Cl. 228-2.
- Reinhold, Wolfgang, to United States of America as represented by the Secretary of Agriculture. Process of reacting cellulose textile with beta-propiolactone or beta-isovalerolactone. 2,731,323, 11-17-56, Cl. 8-116.
- Reinhold, Harold C., to Magic Chef, Inc. Dual gas valves. 2,747,613, 5-29-56, Cl. 137-625.16.
- Reinhart, Herman E., Jr., to Boyle-Midway Inc. Closure spout. 2,762,537, 9-11-56, Cl. 222-537.
- Reinhart, Robert R., to The Quaker Oats Co. Method and apparatus for puffing cereals. 2,766,120, 10-9-56, Cl. 96-82.
- Reinhold, Leonhard F., to Radio Corp. of America. Tape recorder input device. 2,733,871, 2-7-56, Cl. 242-55.
- Reinholz, William H. Baby walker. 2,755,841, 7-24-56, Cl. 155-33.
- Reinig, Henry J., to Singmaster & Breyer. Bellows valves. 2,769,608, 11-6-56, Cl. 251-31.
- Reiniger, Friedrich, to Hartford National Bank and Trust Co. as trustee. Irradiation applicator for X-ray therapy. 2,748,293, 5-29-56, Cl. 250-105.
- Reininger, Walter G.: See Stava, Robert J., Reininger, and Barrett. 2,767,323.
- Reinking, Clemens G. Measuring disc with total indicator. 2,771,681, 11-27-56, Cl. 33-141.
- Reinisch, Earl W., to General Motors Corp. Separator. 2,768,748, 10-30-56, Cl. 210-51.
- Reinisch, Paul E. Coat and skirt hanger. 2,742,209, 4-17-56, Cl. 223-81.
- Reinma, John, to Sperry Rand Corp. Coaxial line circuit. 2,755,344, 7-17-56, Cl. 179-171.
- Reintjes, George P. Sealing shoe for furnaces. 2,742,002, 4-17-56, Cl. 110-173.
- Reintjes, George P. Circular furnace roof. 2,742,023, 4-17-56, Cl. 122-68.
- Reintjes, George P. Multiple pass checkerwork. 2,753,172, 7-3-56, Cl. 263-51.
- Reintjes, George P. Wall facing. 2,769,333, 11-6-56, Cl. 122-68.
- Reintjes, Harold, to Godfrey L. Cabot, Inc. Process for making petroleum coke non-agglutinating. 2,755,234, 7-17-56, Cl. 202-31.
- Reis, Eugen. Counting machines for coins and similar flat bodies. 2,746,464, 5-22-56, Cl. 132-8.
- Reis, Eugen. Filling devices for money counting machines. 2,749,001, 6-5-56, Cl. 226-19.
- Reis, Joseph J., Jr.: See Terry, Samuel M., and Reis. 2,746,839.
- Reis, Samuel M., and Reis. Mechanism for the clutch and the changing of gears in automobile transmissions. 2,753,025, 7-3-56, Cl. 192-35.
- Reischer, Walter, and H. P. Dupre, to Burndy Engineering Co., Inc. Reinforced dead-end splice connector. 2,775,747, 7-24-56, Cl. 339-277.
- Reiser, Alfred A., and E. J. Cottrell. Mechanism for balancing a rotating body. 2,739,482, 3-27-56, Cl. 73-458.
- Reiser, George C., to Toledo Scale Co. Coin controlled printer shutter. 2,741,471, 4-10-56, Cl. 265-5.
- Reiser, George C., to Toledo Scale Co. Wheel load truck scale. 2,743,835, 5-22-56, Cl. 265-5.
- Reising, Harry A. Removable handgrip for guns. 2,771,697, 11-27-56, Cl. 42-71.
- Reisman, Arnold, F. Holtzberg, and S. Triebwasser, to International Business Machines Corp. Process of preparing pure alkali metal nitrate. 2,758,008, 8-7-56, Cl. 23-51.



- Reisman, Emil, to Resistance Products Co. Electric resistor. 2,745,930, 5-15-56, Cl. 201-67.
- Reisner, John H., to Radio Corp. of America. Voltage stabilization means for high voltage power supplies. 2,756,350, 7-24-56, Cl. 307-91.
- Reisner, Michael. Cushions and method of making the same. 2,770,816, 11-20-56, Cl. 5-355.
- Reiss, Herman. Paper carton cutter. 2,731,715, 1-24-56, Cl. 5-2.
- Reiss, Joseph F. Hammock. 2,745,115, 5-15-56, Cl. 5-122.
- Reiss, Lawrence: See—  
Gallin, Harry, and Reiss. 2,735,580.
- Reissig, Walter A., to Allied Chemical & Dye Corp. Process for controlling scale formation in aluminum etching. 2,741,051, 4-10-56, Cl. 41-42.
- Reissmann, Thomas L.: See—  
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- Nichols, Joseph, Reissmann, and Collins. 2,734,507.
- Reisten, Werner. Mill for fibrous substances. 2,730,931, 1-17-56, Cl. 92-26.
- Reistler, Carl E., Jr., to Esso Research and Engineering Co. Method for treating hydrocarbon producing formations. 2,769,497, 11-6-56, Cl. 166-42.
- Reitenour, Milton G., Jr.: See—  
McKinney, Charles D., Jr., and Reitenour. 2,763,812.
- McKinney, Charles D., Jr., and Reitenour. 2,763,813.
- Reiter, Daniel L. Top wall handle installation and handle end holder therefor. 2,744,556, 5-8-56, Cl. 150-33.
- Reiter, Fred J. Vehicle mounted grain mixer and conveyor. 2,751,098, 6-19-56, Cl. 214-83.14.
- Reiter, Hans: See—  
Seifert, Richard, and Reiter. 2,739,440.
- Reiter, William. Cabinet type beach wagon with wheel supporting trough. 2,759,738, 8-21-56, Cl. 280-62.
- Reitfort, Henry A.: See—  
Crowell, Arnold B., Reitfort, and Mankiewicz. 2,770,185.
- Reititz, Archie E. Magnetic motor for an animated display device. 2,747,114, 5-22-56, Cl. 310-32.
- Reitzel, Clarence R.: See—  
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- Wilmer, Rudolph H., and Reitzel. 2,759,773.
- Reitzel, Clarence R., to The General Fireproofing Co. Adjustable height furniture. 2,742,337, 4-17-56, Cl. 311-39.
- Reitzel, Georg, to Drescher & Kiefer, Inh. Georg Reitzel. Closure fastener. 2,733,093, 1-31-56, Cl. 292-332.
- Reitzes, Herbert L., to Globe Products-Heat Seal Corp. Heat sealing machine. 2,743,762, 5-1-56, Cl. 154-42.
- Rejcek, William B., to The Wemold Co. Protected collapsible tubing. 2,763,292, 9-18-56, Cl. 138-53.
- Reketyte, Paul: See—  
Crafton, Marvin J., and Reketyte. 2,730,765.
- Reketyte, Paul, to The Sun Rubber Co. Process for making hollow articles with inserts. 2,763,031, 9-18-56, Cl. 18-58.3.
- Reketyte, Paul, to The Sun Rubber Co. Ball stripping apparatus. 2,770,213, 11-13-56, Cl. 118-76.
- Rekuperator K. G. Dr. Ing Schack & Co.: See—  
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- Schack, Günther, Wellensiek, and Schefels. 2,742,269.
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- Reliance Electric & Engineering Co., The: See—  
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- Michie, John S. 2,745,291.
- Michie, John S., to Eveready. 2,746,816.
- Rush, Dale B. 2,775,263.
- Rush, Dale B., and Springer. 2,775,415.
- Rush, Dale B., Springer, Thomas, and Woody. 2,775,414.
- Seal, Clyde W. 2,744,618.
- Shrider, Kenneth L., and Humphrey. 2,758,251.
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- Reliance Gauge Column Co., The: See—  
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- Reliance Steel Products Co.: See—  
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- Nagin, Harold. 2,747,474.
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- Reman, Gerrit H.: See—  
Tadema, Harco J., Reman, Brunzeel, and Slokker. 2,768,090.
- Reman, Gerrit H., and W. J. Pieters, to Shell Development Co. Contact apparatus with rotating discs. 2,729,545, 1-3-56, Cl. 23-270.5.
- Reman, Gerrit H., and B. Zietse, to Shell Development Co. Method and apparatus for contacting and separating liquid phases by stirring. 2,729,546, 1-3-56, Cl. 23-310.
- Remané, Roger, to R. M. A. J. Pollet. Atomizing apparatus. 2,746,797, 5-22-56, Cl. 239-95.
- Rem-Cru Titanium, Inc.: See—  
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- Jaffee, Robert, and Ogden. 2,750,289.
- Jaffee, Robert I., Ogden, and Maykuth. 2,754,204.
- Jaffee, Robert I., Ogden, and Maykuth. 2,754,205.
- Newcomb, Charles E., Porter, and Darby. 2,733,912.
- Newcomb, Charles E., Porter, Darby, and Vordahl. 2,762,856.
- Vordahl, Milton B. 2,754,203.
- Vordahl, Milton B. 2,769,707.
- Remde, Edward H., to The Baker-Raulang Co. Load limit mechanism. 2,751,994, 6-26-56, Cl. 180-82.
- Remde, Edward H., to The Baker-Raulang Co. Overload responsive switch mechanism for industrial elevating truck. 2,774,437, 12-18-56, Cl. 180-82.
- Remer, Robert K., to The Strathmore Co. Treating of plastic surfaces. 2,774,679, 12-18-56, Cl. 117-11.
- Remington Arms Co., Inc.: See—  
Catlin, Robert T. 2,768,375.
- Catlin, Robert T., Hamann, and Landa. 2,759,185.
- Catlin, Robert T., and Hickman. 2,747,187.
- Catlin, Robert T., and Sinex. 2,743,443.
- Crittendon, Lexie K., and Gail. 2,747,313.
- Crittendon, Lexie K., and Halston. 2,751,702.
- Eckstein, George R. 2,759,587.
- Ervine, Albert W. G. 2,759,631.
- Hall, William P. G., Melick, and Reynolds. 2,759,589.
- MacDonald, Robert J. 2,768,552.
- MacDonald, Robert J., and Schwope. 2,751,808.
- Messinger, Lester H. 2,735,598.
- Morse, Charles H., and Young. 2,771,819.
- Remington Rand Inc.: See—  
Bonn, Theodore H. 2,751,510.
- Remington, Warner E., to General Motors Corp. Filter impregnation injection machine. 2,772,656, 12-4-56, Cl. 118-302.
- Remle Musical Products, Inc.: See—  
Kalmus, Sylvester E. 2,739,403.
- Remond, Louis C., to Sylvania Electric Products Inc. Waveguide window. 2,770,592, 5-8-56, Cl. 180-36.5.
- Rempel, Dietrich G., to Rempel Mfg. Inc. Press for heat sealing sheet and like multiple part objects. 2,745,463, 5-15-56, Cl. 154-1.
- Rempel Mfg., Inc.: See—  
Rempel, Dietrich G. 2,745,463.
- Remstein, William, to I. J. Elman. Stands. 2,749,071, 6-5-56, Cl. 248-172.
- Remstein, William. Stand constructions. 2,757,892, 8-7-56, Cl. 248-163.
- Remstein, William, to I. J. Elman. Television stands. 2,772,303, 11-27-56, Cl. 248-163.
- Remter, Donald D.: See—  
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- Renard, R. Harold: See—  
Jones, Chandler H., and Renard. 2,766,921.
- Renaud, Ernest P., and R. K. Schlosser, Jr., to General Electric Co. Window operating device. 2,755,983, 7-17-56, Cl. 268-128.
- Renaud, Robert J., and W. Mack, to Pittsburgh Reflector Co. Downlight and hinge assembly therefor. 2,744,191, 5-1-56, Cl. 240-78.
- Renaude, Jacques, to L'Air Liquids, Societe Anonyme pour l'Etude et l'Exploitation des Procédes Georges Claude. Gas shielded arc welding gun with consumable electrode wire. 2,768,280, 10-23-56, Cl. 219-75.
- Renault, Jean C., to Gablian Iron and Machine Co. Soil cultivating tool with quick-detachable point. 2,737,103, 3-19-56, Cl. 97-98.
- Renbergs Products Co.: See—  
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- Rendall, John L., and W. Pearlson, to Minnesota Mining & Mfg. Co. Fluorinated nitriles. 2,730,543, 1-10-56, Cl. 260-465.7.
- Rendall, Warren C., to Crown Zellerbach Corp. Disposable paperboard shipping aquarium. 2,763,239, 9-18-56, Cl. 119-5.
- Rendel, George H.: See—  
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- Coleman, William E., and Rendel. 2,736,431.
- Rende, George H., to United States Steel Corp. Edge scanner for strip material. 2,730,348, 1-10-56, Cl. 263-3.
- Rendel, George H., to United States Steel Corp. Apparatus for gaging and classifying sheets or the like. 2,742,150, 4-17-56, Cl. 209-82.
- Rendel, George H., to United States Steel Corp. Electrolitic picking apparatus. 2,759,888, 8-21-56, Cl. 204-211.
- Rendel, George H., to United States Steel Corp. Semi-automatic screw-down control for rolling mills. 2,767,603, 10-23-56, Cl. 80-56.
- Rendel, Herbert A., and R. L. Schauer. Trucks or other types of vehicles for moving heavy material having a vertically adjustable load carrying frame. 2,774,604, 12-18-56, Cl. 280-6.
- Rendleman, Norman C., to Jones & Laughlin Steel Corp. Method of making a plowshare blank. 2,733,500, 2-7-56, Cl. 29-14.
- Rendleman, Norman C. Article handling and transfer apparatus. 2,762,488, 9-11-56, Cl. 198-29.
- Rendos, Stephan P. Combined railway tie and rail fastener. 2,765,121, 10-2-56, Cl. 238-183.
- Renfrew, Edgar E.: See—  
Flores, Milton L., Randall, and Renfrew. 2,730,534.
- Randall, David I., and Renfrew. 2,742,466.
- Randall, David I., and Renfrew. 2,742,473.
- Renfrew, Malcolm M.: See—  
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- Renfrew, Malcolm M., H. Wittcoff, and N. A. Kjelson, to Genac Mills, Inc. Paper containing polyamide resins and process of producing same. 2,767,089, 10-8-56, Cl. 92-3.
- Renfro, Harold E. Frequency control apparatus. 2,743,390, 4-24-56, Cl. 315-14.
- Reninger, William A., to The Cincinnati Milling Machine Co. Wheel forming machine. 2,752,634, 7-3-56, Cl. 18-30.
- Renholts, Roy J.: See—  
Grobl, Jon E., and Renholts. 2,735,211.
- Renholts, Roy J., to Friden Calculating Machine Co., Inc. Method of making a bearing structure. 2,732,613, 1-31-56, Cl. 29-149.5.

- Renick, Wendell E., to The Denison Engineering Co. Aircraft relief valve. 2,737,974, 3-13-56, Cl. 137-489.
- Renier, William S., to Giddings & Lewis Machine Tool Co. Heating unit for plastic molding machines. 2,750,628, 6-19-56, Cl. 18-30.
- Reniger, Victor, to Office National d'Etudes et de Recherches Aeronautiques (O. N. E. R. A.). Improvements in turbojet units, including means for by-passing air on its way from the compressor to the turbine of the unit. 2,760,336, 8-28-56, Cl. 60-35.54.
- Renken, Harry J., and H. W. Shelton. Apparatus for pumping and weighing wells. 2,741,915, 4-17-56, Cl. 73-141.
- Renm, Herbert. 2,741,584, 4-17-56, Cl. 73-141.
- 2,740,518, 4-3-56, Cl. 206-12.
- Renn, William: See—
- Renn, Herbert. 2,740,516.
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- Rennecamp, Clarence C., to Missouri Automatic Control Corp. Means for limiting furnace temperature in accordance with heat requirement. 2,767,922, 10-23-56, Cl. 236-9.
- Renner, Charles N. Pressure-relief safety valves. 2,764,173, 9-25-56, Cl. 137-68.
- Renner, Philip F. Safety-grip for package handling tongs. 2,739,008, 3-20-56, Cl. 294-23.
- Renner, Philip F. Device for removing scales from fish. 2,746,082, 4-22-56, Cl. 20-53.
- Rennertfelt, Sven B. Continuously variable speed gears. 2,730,904, 1-17-56, Cl. 74-200.
- Rennick, John L., to Zenith Radio Corp. Triggered gating system. 2,775,691, 12-25-56, Cl. 250-27.
- Renniks Co.: See—
- Skinner, Ralph L. 2,750,212.
- Renno, Donald G., to Motor Products Corp. Ventilator window assemblies. 2,761,183, 9-4-56, Cl. 20-53.
- Renno, Donald G., to Motor Products Corp. Ventilator window assembly. 2,761,184, 9-4-56, Cl. 20-53.
- Renno, Donald G., to Motor Products Corp. Window assembly for vehicle bodies. 2,761,729, 9-4-56, Cl. 296-84.
- Renno, Donald G., to Motor Products Corp. Window assembly for vehicle bodies. 2,772,915, 12-4-56, Cl. 296-84.
- Renouf, William, to Nash Bros. Co. Slant basket tire carrier. 2,757,838, 8-7-56, Cl. 224-42.23.
- Renouf, William, to Nash Bros. Co. Rim and wheel carrier. 2,775,358, 12-25-56, Cl. 214-451.
- Renoux, Pierre E., to Societe Anonyme dite: Cri-Dan. Chuck for machine tools. 2,733,071, 1-31-56, Cl. 279-4.
- Renoux, Pierre E., to Societe Anonyme dite: Cri-Dan. Control means for cutting a thread in plural successive passes. 2,769,186, 11-6-56, Cl. 10-101.
- Renquist, Marvin J. Combination truck body and flexible cover therefor. 2,771,319, 11-20-56, Cl. 296-100.
- Rensselaer Polytechnic Institute: See—
- Lenel, Fritz V., and Reddy. 2,765,524.
- Rosenholtz, Joseph L., and Smith. 2,729,096.
- Renon, Henry N. Windows. 2,764,233, 9-25-56, Cl. 160-91.
- Renton, Lawrence E. Recording mechanism for telephone systems. 2,750,445, 6-12-56, Cl. 178-23.
- Rentschler, Carl H. Farm gate. 2,770,060, 11-13-56, Cl. 39-37.
- Rentschler, Waldemar T., to Alfred Gauthier G. m. b. H. Intra lens shutter. 2,772,614, 12-4-56, Cl. 95-11.5.
- Rentz, Anna: See—
- Rentz, Frank and A. 2,753,650.
- Rentz, Frank and A. Artificial bubble for fishing tackle. 2,753,650, 7-10-56, Cl. 43-42.33.
- Renwanz, Roger A., to Research Corp. Electrostatic precipitator. 2,748,889, 6-5-56, Cl. 183-7.
- Renwick, Charles S., Jr. Decoy. 2,746,195, 5-22-56, Cl. 43-8.
- Renwick, Charles S., Jr. Decoy. 2,771,700, 11-27-56, Cl. 43-8.
- Renwick, Frederick W., Sr. Flint and steel assembly for cigarette lighter. 2,770,960, 11-20-56, Cl. 67-7.1.
- Renz, Emil K.: See—
- Miller, George, and Renz. 2,730,153.
- Renzo, Peter C., to Sier-Bath Gear and Pump Co., Inc. Rotary gear-type pump. 2,756,684, 7-31-56, Cl. 103-216.
- Reo Motors, Inc.: See—
- Sundberg, Carl W. 2,751,232.
- Repeater Products, Inc.: See—
- Peterson, Robert E., and Lancaster. 2,732,697.
- Repking, Edward F., W. C. George, and C. D. Fallert, to Gaylord Container Corp. Refrigerated container. 2,734,349, 2-14-56, Cl. 62-83.
- Repko, Jan D., to Hartford National Bank and Trust Co., trustee. Variable capacitor. 2,765,431, 10-2-56, Cl. 317-249.
- Replogle, Edward H., and M. E. Bleck, to Stanley Aviation Corp. Ejection seat having leg boosters. 2,765,130, 10-2-56, Cl. 244-122.
- Replogle, Frank S., Jr., and D. R. Whitehouse, to the United States of America as represented by the Secretary of the Navy. Acoustic ionization detector. 2,756,345, 7-24-56, Cl. 250-83.1.
- Repokis, Henry: See—
- Gagarine, Dmitry M., and Repokis. 2,750,305.
- Gagarine, Dmitry M., and Repokis. 2,771,337.
- Repp, Allen B.: See—
- Brown, Gordon V., and Repp. 2,766,873.
- Repp, John J., to Collins & Aikman Corp. Pile fabric and the method of manufacture thereof. 2,753,614, 7-10-56, Cl. 28-73.
- Reppe, Walter, H. Friederich, N. von Kutepow, and W. Morsch, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Process for the production of aliphatic oxygen compounds by carbonylation of alcohols, ethers, and esters. 2,729,651, 1-3-56, Cl. 260-343.5.
- Reppe, Walter, and H. Friederich, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Process for the production of aliphatic acid anhydrides by carbonylation of esters. 2,730,546, 1-10-56, Cl. 260-549.
- Reppe, Walter, N. v. Kutepow, and M. Heintzeler, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Production of aliphatic alcohols from olefins. 2,731,504, 1-17-56, Cl. 260-638.
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- Reppert, Erwin J., and J. M. Kelly, to General Motors Corp. Throttle return check. 2,735,643, 2-21-56, Cl. 251-54.
- Reppert, Richard V. Decimal point mechanism. 2,768,786, 10-30-56, Cl. 235-79.
- Republic Aviation Corp.: See—
- Bergen, Richard S., and Sealander. 2,742,634.
- Russell, Charles W. 2,730,876.
- Sokol, Benjamin, and Di Florio. 2,744,382.
- Voelker, Edward H. 2,760,898.
- Republic Flow Meters Co.: See—
- Rosenberger, Albert J. 2,729,223.
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- Rosenberger, Albert J., and Alex. 2,732,849.
- Smoot, Charles H. 2,743,869.
- Smoot, Charles H., and Phillips. 2,733,608.
- Smoot, Charles H., and Phillips. 2,737,600.
- Republic Molding Corp.: See—
- Coltman, Bertram W., Jr. 2,754,866.
- Republic Steel Corp.: See—
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- Carleton, Richard J., Jr. 2,742,278.
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- Conner, Guy O. 2,737,670.
- Coolman, Ford L., and Graham. 2,744,005.
- Crowley, Henry L. 2,730,441.
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- Daugherty, Charles C. 2,747,965.
- Fox, Norbert E. 2,775,675.
- Graham, Marion E., and Reed. 2,754,193.
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- Graham, Charles J., and Poole. 2,733,023.
- Loveland, Theron A., Jr., and Prust. 2,769,774.
- Meunier, Frederick A. 2,735,329.
- Schuman, Louis H. 2,765,935.
- Shepard, George A., and Avelone. 2,760,929.
- Stone, Leonard R. 2,753,464.
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- Whitehouse, Irving P., Dendall, and Golar. 2,748,066.
- Whitehouse, Zebulon W., Schulze, and Fischer. 2,757,806.



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- Resch, Joseph B., Jr., Coiled streamer and projecting means therefor. 2,756,737, 7-31-56, Cl. 124-11.
- Reschneider, Karl, to Eternit-Werke Ludwig Hatschek. Process for separating talc and asbestos. 2,748,935, 6-5-56, Cl. 209-5.
- Reschke, Carl, to Demag-Elektromotorenfabrik G. m. b. H. Furnace improvement. 2,766,313, 10-9-56, Cl. 13-13.
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- Buefield, Gordon. 2,751,038.
- Campbell, Hugh C., and Cope. 2,772,314.
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- Cunningham, Richard G. 2,755,888.
- Dana, Homer J., Fogelquist, and Ohlson. 2,736,001.
- De Ford, Donald D., and Pitts. 2,744,061.
- Deisler, Paul F., Jr., and Wilhelm. 2,740,894.
- Draper, Charles S. 2,752,790.
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- Ramsberger, Harry F. 2,757,890.
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- Hambrecht, Albert H., and Ondstad. 2,754,928.
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- McCants, Hugh E. 2,758,800.
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- Davis, Edward W. 2,757,782.
- Resina Automatic Machinery Co., Inc.: See—
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- Retzlaff, Allen H.: See—
- Brumbaugh, Joseph F., and Retzlaff. 2,764,690.
- Reuben, Jacob: See—
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- Reusser, Robert E., and A. M. Schnitzer, to Phillips Petroleum Co. Stabilization of heterocyclic nitrogen compounds. 2,761,864, 9-4-56, Cl. 260-290.
- Reuter, Harold A., to Visioneering Co., Inc. Motor or pump. 2,745,348, 5-15-56, Cl. 103-4.
- Reuter, Livingston B., to United States Rubber Co. Reversible glove dipping form. 2,747,227, 5-29-56, Cl. 18-41.
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- Reuter, Walter, W. Neumann, and W. Dietrich, to Chemische Werke Huls Aktiengesellschaft. Process for recovering cyclohexane from the waste gas produced in the oxidation thereof. 2,736,755, 2-28-56, Cl. 260-666.
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- Rex, Harold B. Mechano-electrical converter. 2,739,869, 2-28-56, Cl. 336-30.
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- Rex, Virginia C.: See—
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- Rexford, Willis E., to Louis Marx & Co., Inc. Molded plastic track switch for a toy railway. 2,772,843, 12-4-56, Cl. 246-115.
- Rex, Charles J. Lip protector. 2,766,889, 10-16-56, Cl. 210-463.5.
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- Rey, Manuel V. High pressure pump. 2,743,675, 5-1-56, Cl. 103-173.

- Reyersson, Lloyd H., to Regents of the University of Minnesota. Pulping wood with nitrogen oxides. 2,733,992, 2-7-56, Cl. 92-9.
- Reyl, Gaston K., to Klöckner-Humboldt-Deutz Aktiengesellschaft. Multi-cylinder internal combustion engine. 2,740,389, 4-3-56, Cl. 123-52.
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- Reynolds, Blake, to Texaco Development Corp. Method of operating an internal combustion engine. 2,741,230, 4-10-56, Cl. 123-32.
- Reynolds, Blake, to Texaco Development Corp. Two-stroke uniflow-scavenged internal combustion engine. 2,744,506, 5-8-56, Cl. 123-32.
- Reynolds, Charles C. Incinerator. 2,759,440, 8-21-56, Cl. 110-18.
- Reynolds, Charles G. Safety signal device for hydraulic brake systems. 2,734,960, 2-14-56, Cl. 200-82.
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- Reynolds, Clifford, to Owens-Illinois Glass Co. Centrifugal molds and method. 2,771,712, 11-27-56, Cl. 49-65.
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- Reynolds, Ellwood W., and H. C. Slechta, to Western Electric Co., Inc. Sheath forming apparatus. 2,764,214, 9-25-56, Cl. 153-32.
- Reynolds, Elmer N., Jr. Sprinkler head. 2,756,099, 7-24-56, Cl. 299-61.
- Reynolds, Eugene E., to Marchant Calculators, Inc. Fugitive one mechanism. 2,746,678, 5-22-56, Cl. 235-61.
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- Reynolds, George A., and J. Sagal, Jr., to Eastman Kodak Co. Tetrazalindene stabilizer for photographic emulsions sensitized with alkylene oxide polymers. 2,756,147, 7-24-56, Cl. 95-7.
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- Reynolds, Harold C., to Ingersoll-Rand Co. Torque controlled wrench. 2,752,808, 7-8-56, Cl. 81-52.4.
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- Reynolds, Harry H., and O. Yeaton, to E. I. du Pont de Nemours & Co. Stabilized detergent composition. 2,765,280, 10-2-56, Cl. 252-152.
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- Reynolds, Julian L., to Reynolds Metals Co. Machine for foil protection of plant growth. 2,740,233, 4-3-56, Cl. 47-9.
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- Reynolds, Kenneth W.: See—  
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- Reynolds, Kenneth W., to General Electric Co. Lamp lead wire forming apparatus. 2,765,002, 10-2-56, Cl. 140-71.5.
- Reynolds, Kenneth W., and J. A. Billson, to General Electric Co. Bulb washing and reflector coating apparatus. 2,730,068, 1-10-56, Cl. 118-49.
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- Reynolds, Kenneth W., J. A. Billson, and C. E. Rausch, to General Electric Co. Fluid dispensing apparatus. 2,764,992, 10-2-56, Cl. 134-167.
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- Schmidt, Walter. 2,758,921.
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- Wolgaest, Lester H. 2,742,610.
- Reynolds, Myron B., and H. L. Pickering, to the United States of America, Assignor to the United States Atomic Energy Commission. Production of UCl<sub>4</sub>. 2,733,123, 1-31-56, Cl. 23-14.5.
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- Reynolds, Richard J., to E. I. du Pont de Nemours and Co. Soluble elastomers derived from 2,3-dichloro-1,3-butadiene. 2,752,329, 6-26-56, Cl. 260-79.5.
- Reynolds, Richard R. Rod-mountable transparent case for fuses. 2,767,502, 10-23-56, Cl. 43-25.2.
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- Reynolds, Scott E. Wheeled support for containers. 2,772,889, 12-4-56, Cl. 280-35.
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- Reynolds, Walter F., Jr.: See—  
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- Reynolds, Walter F., Jr., and L. A. Lundberg, to American Cyanamid Co. Sizing of paper with fatty acid polyalkylene-polyamine compositions. 2,772,969, 12-4-56, Cl. 92-21.
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- Reynolds, William B., to Phillips Petroleum Co. Rubber-fabric laminates and method of making same. 2,773,795, 12-11-56, Cl. 154-139.
- Reynolds, William B., to Phillips Petroleum Co. Rubber-fabric laminates and bonding agent therefor. 2,774,703, 12-18-56, Cl. 154-139.
- Reynolds, William G. Method and apparatus for the manufacture of sheet material from solid particles suspended in liquid media. 2,730,938, 1-17-56, Cl. 92-38.
- Reynolds, William W., to Shell Development Co. Method of recovering sulfuric acid from acid sludge. 2,739,874, 3-27-56, Cl. 23-173.
- Reynst, Maximilien F., and R. H. de Beer, to Hartford National Bank and Trust Co., as trustee. Electrical machine, the magnetic circuit of which comprises one or more permanent magnets. 2,774,896, 12-18-56, Cl. 310-103.
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- Ellis, Norman S., and Lackey. 2,735,062.
- Rhea, Adlai E. Utility attachment for telephones. 2,771,195, 11-20-56, Cl. 211-86.
- Rhea, John B., 1/2 to D. L. Curby. Method of treating seeds. 2,731,770, 12-24-56, Cl. 47-58.
- Rhee, Daniel, and D. Cockburn, to Rhee Elastic Thread Corp. Apparatus for vulcanizing rubber material. 2,743,479, 5-1-56, Cl. 13-6.
- Rhee Elastic Thread Corp.: See—  
Rhee, Daniel, and Cockburn. 2,743,479.
- Rheem Fg. Co.: See—  
Evans, Llewellyn W., and Funk. 2,737,389.
- Hawk, Watson L. 2,732,880.
- Rheem, Richard S. 2,768,008.
- Rheem, Richard S., to Rheem Mfg. Co. Interlocked and welded tank outlet. 2,768,008, 10-23-56, Cl. 285-179.
- Rhees, Carm P. Mounting head for grinding, polishing, and feathering tools. 2,764,853, 10-2-56, Cl. 51-197.



- Rheiner, Alfred, and W. Dieterle, to Sandoz A. G. Insulated electrical conductors. 2,759,991, 8-21-56, Cl. 174-120.
- Rheinfrank, John J., and J. M. Chapman, to The Haloid Co. Electrophotography. 2,741,959, 4-17-56, Cl. 95-13.
- Rheinisch-Westfälische "Revision" Treuhänd Aktiengesellschaft (Treuhänd Aktiengesellschaft) : See—  
Schwank, Günther. 2,775,294.
- Rheinmetall Aktiengesellschaft : See—  
Scheuerpflug, Hans. 2,766,018.
- Rheinpreussen Aktiengesellschaft für Bergbau und Chemie : See—  
Grimme, Walter. 2,763,678.
- Grimme, Walter, Emde, Schmitz, and Wöllner. 2,766,278.
- Grimme, Walter, and Wöllner. 2,752,399.
- Grimme, Walter, and Wöllner. 2,760,952.
- Köbel, Herbert, and Langheim. 2,761,847.
- Köbel, Herbert, and Ackermann. 2,775,607.
- Köbel, Herbert, and Ruschenburg. 2,733,361.
- Schödel, Ernst. 2,740,283.
- Rhindress, Walter H. Floating boat house. 2,744,483, 5-5-56, Cl. 114-05.
- Rhinehart Development Corp. : See—  
Smith, Daniel W. 2,762,333.
- Rhinehart, John R., and C. H. Eshrich, to Bogue Electric Mfg. Co. Atomizer. 2,733,961, 2-7-56, Cl. 299-118.
- Rhineland Paper Co. : See—  
Johnson, Oscar W., and Tuttle. 2,761,584.
- Rhoades, Edgar W., to International Harvester Co. Vehicle ventilation. 2,761,370, 9-4-56, Cl. 98-2.
- Rhoades, John S. : See—  
Kinghorn, Charles M., and Rhoades. 2,749,155.
- Rhoades, Nolan K., to The Parker Pen Co. Fountain pen desk sets. 2,737,619, 5-13-56, Cl. 120-57.
- Rhoades, Nolan K., to The Parker Pen Co. Fountain pen. 2,773,479, 12-11-56, Cl. 120-50.
- Rhodes, Alan : See—  
Asselt, Peter A., Mastin, and Rhodes. 2,767,164.
- Asselt, Peter A., Mastin, and Rhodes. 2,767,209.
- Rhodes, Cecil, to Cockshutt Farm Equipment Ltd. Forage blower transport. 2,757,811, 8-7-56, Cl. 214-373.
- Rhodes, Frederick S. : See—  
Thomas, Arthur, and Rhodes. 2,742,966.
- Thomas, Arthur, and Rhodes. 2,750,577.
- Rhodes, Frederick S., to Powers-Samas Accounting Machines Ltd. Machines for punching record cards. 2,765,038, 10-2-56, Cl. 164-114.
- Rhodes, Harold A., to American Telephone and Telegraph Co. Interconnection of transmission lines. 2,755,445, 1-17-56, Cl. 533-11.
- Rhodes, Harrison B. : See—  
Mertes, Thomas S., and Rhodes. 2,745,888.
- Rhodes, Herbert C. Apparatus for reducing gas pockets in dough. 2,737,130, 3-6-56, Cl. 107-12.
- Rhodes, Herbert C., to Read Standard Corp. Pressure board for dough molding apparatus. 2,738,741, 3-20-56, Cl. 107-9.
- Rhodes, Herbert C., to Read Standard Corp. Flour duster. 2,742,867, 4-24-56, Cl. 107-7.
- Rhodes, Herbert C. Apparatus for orienting dough pieces. 2,767,666, 10-23-56, Cl. 107-12.
- Rhodes, Herbert C. Dough molding apparatus. 2,769,408, 11-6-56, Cl. 197-12.
- Rhodes, Ira P., to Swing-A-Way Mfg. Co. Magnetic lid lifter for can openers. 2,772,381, 11-27-56, Cl. 317-159.
- Rhodes, Joseph C. : See—  
Segers, John P., and Rhodes. 2,769,336.
- Rhodes, Kenneth E. : See—  
Furman, Frank J., Wagner, and Rhodes. 2,767,646.
- Rhodes, Lonzo H. Audible alarm assembly. 2,731,937, 1-24-56, Cl. 116-87.
- Rhodes, Robert H., to Bearings Mfg. Co. Polygon grinding machine. 2,759,306, 8-21-56, Cl. 51-237.
- Rhodes, Thomas J., to United States Rubber Co. Extrusion method and apparatus. 2,742,669, 4-24-56, Cl. 18-12.
- Rhodes, William A. Static electric generator. 2,742,581, 4-17-56, Cl. 310-5.
- Rhodesian Jute Industries Ltd. : See—  
Thompson, Herbert D., and Wightwick. 2,746,092.
- Rhondia Plating Works Ltd. : See—  
Bernstiel, Erwin. 2,739,931.
- Rhone, George E. Method of treating a fibrous cooking utensil. 2,728,799, 1-5-56, Cl. 117-143.
- Riat, Henri, to Ciba Ltd. Cupriferous trisazo-dyestuffs. 2,753,333, 7-3-56, Cl. 260-147.
- Riat, Henri, and F. Oesterlein, to Ciba Ltd. Cupriferous azo-dyestuffs. 2,741,655, 4-10-56, Cl. 260-148.
- Riat, Henri, P. Dreyfuss, and F. Oesterlein, to Ciba Ltd. Cupriferous azo-dyestuffs. 2,763,640, 9-18-56, Cl. 260-148.
- Riback, Morris : See—  
Gitman, Morris A., Riback, and Levin. 2,732,449.
- Ribacoff, Mark. Tamper-proof envelope. 2,770,412, 11-13-56, Cl. 229-80.
- Riblet, Clifford D. Foot massager. 2,752,915, 7-3-56, Cl. 125-77.
- Riblet, Henry B., to the United States of America as represented by the Secretary of the Navy. Balanced magnetometer. 2,770,774, 11-13-56, Cl. 324-43.
- Riblet, Henry J. : See—  
Dillon, Robert E., Eyges, and Riblet. 2,761,139.
- Riblet, Henry J., to Raytheon Mfg. Co. Adjustable power divider and directional coupler. 2,735,069, 2-14-56, Cl. 333-7.
- Riblet, Henry J., to Raytheon Mfg. Co. Directional coupling of coaxial transmission lines. 2,735,070, 2-14-56, Cl. 333-10.
- Riblet, Henry J. Waveguide hybrid junctions. 2,739,287, 3-20-56, Cl. 333-11.
- Riblet, Henry J. Wave guide hybrid. 2,739,288, 3-20-56, Cl. 333-11.
- Riblet, Henry J., to the United States of America as represented by the Secretary of the Navy. Electromagnetic horn. 2,743,140, 4-34-56, Cl. 343-778.
- Riblet, Henry J., to Raytheon Mfg. Co. Signal-wave transmission systems. 2,751,586, 6-19-56, Cl. 343-16.
- Riblet, Henry J., to the United States of America as represented by the Secretary of the Navy. Balanced antenna feed. 2,760,193, 8-21-56, Cl. 343-821.
- Riblet, Henry J., to Raytheon Mfg. Co. Signal-wave transfer devices. 2,765,401, 10-2-56, Cl. 250-13.
- Riblett, Earl W. : See—  
Burton, William P., and Riblett. 2,768,933.
- Riblett, Earl W., P. Burton, and P. A. Levancois, to The M. W. Kellogg Co. Naphtha reforming reactions catalyzed by platinum and palladium catalysts. 2,743,215, 4-24-56, Cl. 196-50.
- Ricardo & Co., Engineers (1927) Ltd. : See—  
Hinds, Fitzroy J. 2,753,853.
- Ricardo, Harold R., to National Research Development Corp. Safety apparatus for steam boilers. 2,739,576, 3-27-56, Cl. 122-451.
- Ricards, Charles L. : See—  
Tollison, Paul L., and Ricards. 2,743,501.
- Ricards, Harold A. : See—  
Betts, Raymond L., Corning, Ricards, and Ryder. 2,769,765.
- Ricards, Harold A., Jr., G. L. Matheson, L. M. Cooper, W. T. Knox, Jr., and F. R. Russell, to the United States of America as represented by the Secretary of War. Chemical bomb. 2,741,177, 4-10-56, Cl. 102-8.
- Ricciardi, Domenico. Torque analyzer. 2,741,118, 4-10-56, Cl. 73-1.
- Ricciardi, Louis G., to Colgate-Palmolive Co. Particulate detergent compositions. 2,770,600, 11-13-56, Cl. 252-131.
- Ricciardi, Matthew C. Container holder. 2,731,226, 1-17-56, Cl. 248-19.
- Riccio, Frank J. Spring caster for furniture. 2,767,420, 10-23-56, Cl. 16-24.
- Riccio, Theodore A. Tree holder. 2,731,223, 1-17-56, Cl. 248-41.
- Riccio, Joseph : See—  
Jacobs, Herbert, Riccio, and Guglielmo. 2,771,840.
- Rice, Alva H., deceased, by B. C. Rice, administrator, to D. A. Rice. Lawn weed digger. 2,738,580, 3-20-56, Cl. 30-276.
- Rice, Alice K., Adron. 2,766,454, 10-16-56, Cl. 2-48.
- Rice, Archie H. Map holder for vehicles. 2,737,741, 3-13-56, Cl. 40-10.
- Rice, Byron C. : See—  
Rice, Alva H. 2,738,580.
- Rice, Charles W., and R. S. Meade. Venetian blinds. 2,757,726, 8-7-56, Cl. 160-115.
- Rice, Clifford M. Bolt and nut rotation restraining means. 2,758,628, 8-14-56, Cl. 151-34.
- Rice, Dellos A. : See—  
Rice, Alva H. 2,738,580.
- Rice, Earl S. : See—  
Kase, Otto E., and Rice. 2,764,410.
- Rice, Edwin E. Fish lure. 2,738,610, 3-20-56, Cl. 43-26.2.
- Rice, Harold B. : See—  
Aguilar, John G., and Rice. 2,765,607.
- Rice, Harold W., and C. M. Vaughn, to Robertshaw-Fulton Controls Co. Defaceable pressure equalizing thermostatic mixing valve. 2,768,792, 8-14-56, Cl. 286-12.
- Rice, Harold W., and D. A. Dorse, to Robertshaw-Fulton Controls Co. Electric ignition device for gaseous fuel. 2,761,947, 9-4-56, Cl. 219-32.
- Rice, Harry G. : See—  
Rice, Nelson E. 2,765,092.
- Rice, Henry E., Jr., to Raytheon Mfg. Co. Reflection type indicating devices. 2,762,039, 9-4-56, Cl. 340-368.
- Rice, Henry T. M. : See—  
Stevens, Dillon, Rice, and Stevens. 2,741,352.
- Rice, Henry T. M., and R. T. Stevens, to D. Stevens. Releaseable torque transmitting apparatus. 2,730,212, 1-10-56, Cl. 192-096.
- Rice, Henry T. M., and R. T. Stevens, to D. Stevens. Adjustable releasable torque transmitting apparatus. 2,750,020, 6-12-56, Cl. 192-56.
- Rice, Jess H. Jack. 2,739,786, 3-27-56, Cl. 254-99.
- Rice, John H. Automobile jack handle and assembly. 2,739,787, 3-27-56, Cl. 254-99.
- Rice, Joel V. : See—  
Yorston, James K., and Rice. 2,754,769.
- Rice, Joseph : See—  
Wright, Esmond P. G., Hartley, Weir, and Rice. 2,744,159.
- Wright, Esmond P. G., and Rice. 2,764,750.
- Rice, Leonard M. : See—  
Gieschickler, Charles F., and Rice. 2,774,787.
- Grogan, Charles H., and Rice. 2,751,392.
- Grogan, Charles H., and Rice. 2,759,973.
- Rice, Lyman A., to General Motors Corp. Battery charging system. 2,766,418, 10-9-56, Cl. 320-25.
- Rice, Nelson E.,  $\frac{1}{2}$  to H. G. Rice. Beverage dispensing system. 2,765,092, 10-2-56, Cl. 217-100.

- Rice, Philip K., to Union Carbide and Carbon Corp. Cold accumulators. 2,735,078, 2-21-56, Cl. 62-1-323.
- Rice, Richard L., to Stapling Machines Co. Machine for attaching ends to wirebound boxes. 2,772,700, 12-4-56, Cl. 140-93.
- Rice, Robert B., and S. D. Elliott, to Phillips Petroleum Co. Method of seismic prospecting. 2,735,503, 2-21-56, Cl. 181-5.
- Rice, Robert T., to Vandercook & Sons, Inc. Printing device. 2,753,799, 7-10-56, Cl. 101-382.
- Rice, Theodore, to Gulf Research & Development Co. Catalytic cracking process and apparatus. 2,767,126, 10-16-56, Cl. 196-52.
- Rice, Walter A., to Mohasco Industries, Inc. Chenille yarns and their manufacture. 2,748,444, 6-5-56, Cl. 28-72.
- Rice, Walter A., to Mohasco Industries, Inc. Patterned sewn tufted fabric. 2,763,506, 10-16-56, Cl. 28-78.
- Rice, Warren A., to A. M. Stackhouse, trustee. Corner horn. 2,754,926, 7-17-56, Cl. 181-31.
- Rice, William L. Tobacco weighing and packing apparatus. 2,732,113, 1-24-56, Cl. 226-71.
- Rich, William S. Vapor pressure tank. 2,763,397, 9-18-56, Cl. 220-85.
- Rice, Winston C. Chain link fence with slat inserts. 2,760,759, 8-28-56, Cl. 256-34.
- Richfield, Louis, to General Electric Co. Method of making self-aligning bearings. 2,758,365, 8-14-56, Cl. 29-149.5.
- Rich, Alan L., to Laboratory For Electronics, Inc. Multi-vibrator circuit. 2,772,356, 11-27-56, Cl. 250-27.
- Rich, Beldon L., See—Hery, Vincent D., and Rich. 2,736,509.
- Rich, Dora M., See—Kirkpatrick, Leland W., Gibson, and Rich. 2,734,008.
- Rich, Edward. Stowing of waste in mines. 2,756,111, 7-24-56, Cl. 302-26.
- Rich, George R., See—Kirkpatrick, Leland W., Gibson, and Rich. 2,734,008.
- Rich, Jack V., to Bendix Aviation Corp. Dynamically balanced gauge. 2,759,361, 8-21-56, Cl. 73-398.
- Rich, James C., to E. C. Chuck. 2,749,133, 6-5-56, Cl. 279-2.
- Rich, John P., See—Burling, Elmer R., and Rich. 2,745,712.
- Rich, John P., to Improved Machinery Inc. Means for discharging pulp from bleaching towers. 2,745,274, 5-15-56, Cl. 68-181.
- Rich, John R., and A. L. Whiteside. Method and apparatus for evacuating pulp from high density storage towers. 2,772,864, 12-4-56, Cl. 259-37.
- Rich, John T., See—Markwood, Paul W., Rich, Lingerfelt, and Nichols. 2,751,161.
- Rich Mfg. Corp., See—Kirkpatrick, Leland W., Gibson, and Rich. 2,734,008.
- Rich, Theodore A., to General Electric Co. Rebalance type flow meter. 2,709,337, 11-16-56, Cl. 73-206.
- Rich, Theodore A., to the United States of America as represented by the Secretary of the Navy. Logarithmic electrical measuring system. 2,772,397, 11-27-56, Cl. 324-99.
- Rich, Wilson C., Jr., See—Gornowski, Edward J., and Rich. 2,751,332.
- Rich, Wilson C., Jr., and C. E. Jahng, to Esso Research and Engineering Co. Heat exchange system. 2,762,753, 9-11-56, Cl. 196-50.
- Richard, Albert, and E. Metral, to Societ  Emerly. Circulating pump devices. 2,768,583, 10-30-56, Cl. 103-87.
- Richard, Armond J., to General Electric Co. Induction furnace control method and apparatus. 2,761,004, 8-28-56, Cl. 13-29.
- Richard, Eugene D., to the United States of America as represented by the Secretary of the Army. Impact switch. 2,741,674, 4-10-56, Cl. 200-61.45.
- Richard, Geoffrey P., J. Stein, and P. G. B. Hobshaw, to Esso Research and Engineering Co. Treatment of hydrofined petroleum distillates with copper. 2,768,932, 10-30-56, Cl. 196-36.
- Richard, Howard B., to Ford Motor Co. Armature checking method. 2,756,386, 7-24-56, Cl. 324-51.
- Richards, Archer W., See—Lockley, Sidney L., and Richards. 2,766,942.
- Richards, Archer W., and E. J. Osterhus, to Syntro Corp. Belt-driven hand saw with increased belt friction. 2,737,213, 3-6-56, Cl. 143-43.
- Richards, Burton A., See—MacMillan, Charles W., and Richards. 2,732,233.
- Richards, Charles J., to Fluorescent Fixtures of California. Fixture hanger assembly. 2,739,780, 3-27-56, Cl. 248-324.
- Richards, Dwight, to Guy P. Atkinson Co. Slack line carrier. 2,741,372, 8-21-56, Cl. 212-120.
- Richards, Frances P. Lactal fluid receptor and pad therefor. 2,748,771, 6-5-56, Cl. 128-280.
- Richards, Harold J. Hammers of the hand-tool type. 2,763,172, 9-18-56, Cl. 81-15.
- Richards, Harrison H. C., Jr., See—Lowry, Lewis R., Jr., and Richards. 2,773,156.
- Richards, Howard A., See—Morrisey, Edward J., Jr., and Richards. 2,775,240.
- Richards, James A., to Walter MacFarlane & Co. Ltd. Machine for use in the production of cast iron articles. 2,758,346, 8-14-56, Cl. 22-67.
- Richards, James A., and R. S. M. Jeffrey, to Walter MacFarlane & Co. Ltd. Method of producing grey iron castings in preheated refractory coated male and female dies. 2,749,587, 6-12-56, Cl. 22-200.
- Richards, John M. Stereoscopic targets with diagonal markings. 2,747,458, 5-29-56, Cl. 88-20.
- Richards, John R., See—Thornton, Garo E., Verrinder, Stillwell, McGrath, and Richards. 2,759,590.
- Richards, John R., to Food Machinery and Chemical Corp. Wire bound box lidding machine. 2,765,730, 10-9-56, Cl. 100-56.
- Richards, John W., and W. L. McClellan. Device for expelling mercury and the like from amalgam. 2,760,268, 8-28-56, Cl. 32-42.
- Richards, Kurt F., to E. I. du Pont de Nemours and Co. Tetrafluoroethylene polymer bonded heat-resistant fabric. 2,731,068, 1-17-56, Cl. 154-2-6.
- Richards, Lawrence M., See—Englert, Robert D., and Richards. 2,773,094.
- Englert, Robert D., and Richards. 2,773,095.
- Richards, Lorenzo A. Vacuum filter. 2,755,935, 7-24-56, Cl. 210-149.
- Richards, Lorenzo A. Irrigation tubes. 2,769,668, 11-6-56, Cl. 299-104.
- Richards, Myrtle L., See—Richards, Wayne V. 2,758,291.
- Richards, Robert B., See—Hazel, Stanley G., and Richards. 2,734,673.
- Richards, Sidney L., to Apparatus for coating and reinforcing pipe. 2,764,218, 9-25-56, Cl. 154-1.8.
- Richards, Wayne V., deceased, by M. L. Richards, administratrix, to Kingston Products Corp. Waterproof connector. 2,758,291, 8-28-56, Cl. 339-94.
- Richards-Wilcox Mfg. Co., See—Lutter, Miles R. 2,768,409.
- Richards, William F., See—Richards, William H. and W. F. 2,757,398.
- Richards, William H. and W. F. Foldable mop with pre-compressed scrubbing element and method of assembly. 2,757,398, 8-7-56, Cl. 15-119.
- Richardson, Alexander H., See—Porter, Frederick W. B., and Richardson. 2,749,282.
- Richardson, Edward W., to Indiana University Foundation. Apparatus for measuring blood coagulation time and enzyme activity. 2,769,141, 10-30-56, Cl. 324-30.
- Richardson, Allan S., and W. C. Williamson. Apparatus for the removal of cuttings from drill holes. 2,740,609, 4-3-56, Cl. 135-50.
- Richardson, Arthur B. F. G., R. Hinds, and G. N. Ridings, to British Insulated Callender's Cables Ltd. Apparatus for marking wires and cables and the like. 2,749,880, 6-12-56, Cl. 118-411.
- Richardson, Arthur E. Tire liner. 2,740,448, 4-3-56, Cl. 152-207.
- Richardson, Charles A., Inc., See—Richardson, Howard W. 2,737,210.
- Richardson, Charles G., to Parks & Woolson Machine Co. Cloth shearing mechanism. 2,732,608, 1-31-56, Cl. 26-15.
- Richardson, Clarence L., S. B. Smith, and G. B. Robbins, to the United States of America as represented by the United States Atomic Energy Commission. Purification of uranium peroxide. 2,764,470, 9-25-56, Cl. 23-14.5.
- Richardson, Colin A., See—Von Manteuffel, Gert S. Z., and Richardson. 2,736,893.
- Richardson Co., The, See—Brown, Paul V. 2,755,658.
- Farrell, Walter O., 2,758,742.
- Schnitzius, Homer D., and Cox. 2,747,226.
- Richardson, Cyrus W., See—Brooks, Richard J., and Richardson. 2,756,189.
- Richardson, Earl L., See—Apperson, Lester D., and Richardson. 2,736,683.
- Richardson, Edward A. Fluid cooled permeable turbine blade. 2,774,566, 12-18-56, Cl. 253-39.15.
- Richardson, Edward M., to Boxcraft Corp. Reinforced fiberboard. 2,729,229, 8-28-56, Cl. 222-23.
- Richardson, Edwin A., to Columbia-Southern Chemical Corp. Thermistor bridge for moisture determination. 2,732,710, 1-31-56, Cl. 73-29.
- Richardson, Ello E., to The Gas Machinery Co. Oil gas process and apparatus. 2,746,850, 5-22-56, Cl. 48-74.
- Richardson, Ello E., and V. J. Pugh, to The Gas Machinery Co. Oil gas process and apparatus. 2,746,852, 5-22-56, Cl. 48-215.
- Richardson, Elmer L. Cylinder and fluid dispersing rib. 2,734,368, 2-14-56, Cl. 68-142.
- Richardson, Frederick G. Weld nut and method of making same. 2,761,483, 9-4-56, Cl. 151-41.7.
- Richardson, Harold M., to Phillips Petroleum Co. Pulse-amplitude. 2,731,920, 1-17-56, Cl. 179-17.
- Richardson, Harold M., to Phillips Petroleum Co. Interval timer and method of measuring time intervals. 2,754,169, 7-10-56, Cl. 346-44.
- Richardson, Harry L., to Research Corp. Apparatus for removing gases from an arc furnace. 2,761,003, 8-28-56, Cl. 13-9.
- Richardson, Henry M., to Atlas Powder Co. Glass fiber product and process. 2,748,028, 5-29-56, Cl. 117-126.
- Richardson, Howard J., to Chas. A. Richardson, Inc. Loom shuttle. 2,737,210, 3-6-56, Cl. 139-196.
- Richardson, John E., See—Fingerett, Joseph A., and Richardson. 2,762,969.
- Richardson, John E. Electrical computers. 2,733,004, 1-31-56, Cl. 235-61.
- Richardson, John W. High low trailer axle mounting. 2,746,701, 5-22-56, Cl. 280-104.5.



- Richardson, Linwood T., and M. R. Swinehart. Electrical contacts. 2,760,256, 8-28-56, Cl. 29—182.5.
- Richardson, Linwood T., and M. R. Swinehart, to Cutler-Hammer, Inc. Electrical contacts. 2,760,257, 8-28-56, Cl. 29—182.5.
- Richardson, Lomer L. Oil feeder device. 2,760,720, 8-28-56, Cl. 230—206.
- Richardson, Martha A. Condiment holders. 2,755,083, 7-3-56, Cl. 222—142.1.
- Richardson, Max C., to Iron Fireman Mfg. Co. Cold wall thermostat. 2,733,315, 1-31-56, Cl. 200—138.
- Richardson, Orpha G. Rod mill. 2,761,628, 9-4-56, Cl. 24—179.
- Richardson, Philip, to C. A. Parsons & Co. Ltd. Ring winding for electrical machines. 2,773,208, 12-4-56, Cl. 310—202.
- Richardson, Robert D., to The Hays Corp. Differential oxygen analyzer. 2,763,151, 9-18-56, Cl. 73—27.
- Richardson, Roger W. See—
- Richardson, William J., Richardson, and Krebs. 2,736,690.
- Ricardson, Roger W., and R. E. Schexnaider, Jr., to Esso Research and Engineering Co. Process for making spherical silica-alumina catalysts. 2,746,934, 5-22-56, Cl. 252—448.
- Richardson, Roland A. Electric switches of the shock-operated type. 2,740,010, 3-27-56, Cl. 200—61.53.
- Richardson, Sidney. Multiple electrical sockets. 2,765,450, 10-2-56, Cl. 339—192.
- Richardson, Spencer M. See—
- Hay, Robert J., and Richardson. 2,755,258.
- Richardson Taylor-Globe Corp. See—
- Stanchfield, Peter. 2,732,203.
- Richardson, Urban W. See—
- Bitner, John D., Merrill, Rauth, and Richardson. 2,768,801.
- Richardson, William F., to Flex-O-Lators, Inc. Continuous core wrapping machine. 2,744,480, 5-8-56, Cl. 112—2.
- Richardson, William F., to Flex-O-Lators, Inc. Traveling cut-off machine. 2,757,734, 8-7-56, Cl. 164—61.
- Richardson, William H., to The Driscoll Wire Co. Shipping container and paying-off device. 2,752,108, 6-26-56, Cl. 2—128.
- Richaud, Henri, to Pechiney, Compagnie de Produits Chimiques et Electrometallurgiques. Treatment of aluminum and its alloys prior to electro-plating with lead. 2,746,136, 5-22-56, Cl. 29—197.
- Richens, Arthur W., to Continental Can Co., Inc. Continuously operating apparatus for making bags. 2,773,435, 12-11-56, Cl. 93—22.
- Richey, Clarence B. See—
- Erwin, Robert L., and Richey. 2,766,590.
- Richey, Kenneth A. Pipe flange grinding machine. 2,736,995, 2-6-56, Cl. 2—241.
- Richlie Mfg. Co. See—
- Lemley, Grover C. 2,764,332.
- Richman, Donald, to Hazeltine Research, Inc. Television field-identification system. 2,729,702, 1-3-56, Cl. 178—69.5.
- Richman, Donald, to Hazeltine Research, Inc. Signal-separating circuit for color-television receiver. 2,743,511, 4-24-56, Cl. 178—5.4.
- Richman, Donald, to Hazeltine Research, Inc. Superregenerative superheterodyne wave-signal receiver. 2,748,267, 5-29-56, Cl. 250—20.
- Richman, Donald, to Hazeltine Research, Inc. Color-television signal-translating system. 2,763,717, 9-18-56, Cl. 178—5.3.
- Richman, Donald, to Hazeltine Research, Inc. Color-television system. 2,773,930, 12-11-56, Cl. 178—5.4.
- Richman, Seymour, and R. P. Easton, to General Aniline & Film Corp. Anti-halation layers containing fatty acid amides. 2,732,305, 1-24-56, Cl. 95—8.
- Richmond, Donald A. See—
- Preston, Benjamin R., and Richmond. 2,748,433.
- Richmond, James T., and H. A. S. Bristow, to Laporte Titanium Ltd. Process for the manufacture of titanium dioxide. 2,760,846, 8-28-56, Cl. 23—202.
- Richmond, Martin R. See—
- Wisnabaker, Thomas C., Richmond, and Cole. 2,739,191.
- Richmond, Martin R., to Raytheon Mfg. Co. Circularly polarized radio object locating system. 2,753,551, 7-3-56, Cl. 343—5.
- Richmond, Martin R., to Raytheon Mfg. Co. Electronic commutation system. 2,755,338, 7-17-56, Cl. 179—15.
- Richmond, Martin R., to Raytheon Mfg. Co. Demodulating system. 2,755,463, 7-17-56, Cl. 343—12.
- Richmond, Martin R., and D. Blitz, to Raytheon Mfg. Co. Metastable frequency analysers. 2,774,035, 12-11-56, Cl. 324—77.
- Richmond, Moscow K. Door locking means. 2,751,220, 6-19-56, Cl. 268—74.
- Richmond, Moscow K., and R. D. Holmes. Garage door operator. 2,752,150, 6-26-56, Cl. 268—74.
- Richmond, Roy H., Jr., to Eagle Mfg. Co. Pump shaft seal for hand oilers. 2,772,034, 11-27-56, Cl. 222—341.
- Richmond, Roy H., Sr., to Eagle Mfg. Co. Spray apparatus for tobacco plants. 2,748,534, 6-5-56, Cl. 47—1.
- Richmond, Roy H., Sr., to Eagle Mfg. Co. Spout closure cap and operating mechanism for safety gasoline cans. 2,748,997, 6-5-56, Cl. 222—469.
- Richmond, Samuel A. Metal smoother. 2,747,643, 5-29-56, Cl. 153—32.
- Richmond Screw Anchor Co., Inc. See—
- Pilling, Alan H. 2,773,294.
- Richmond, Stanley M., and L. D. Drouet. Heated perch for birds. 2,756,720, 7-31-56, Cl. 119—26.
- Richmond, Stewart G. See—
- Davis, Frank F., and Richmond. 2,729,427.
- Richmond, William F. Mechanical tourniquet. 2,754,825, 7-17-56, Cl. 128—327.
- Richner, Dwight M. Removable stake hinges for truck bodies. 2,760,812, 8-28-56, Cl. 286—43.
- Richott, Robert R., to Lockheed Aircraft Corp. Valve packing installation. 2,764,181, 9-25-56, Cl. 137—625.37.
- Richter, Charles R. Torch. 2,764,230, 9-25-56, Cl. 158—27.4.
- Richter, Frederick P., to Socony Mobil Oil Co., Inc. Conversion of methyl and methylene groups to carbonyl groups. 2,753,377, 7-3-56, Cl. 260—599.
- Richter, George A., Jr., to American Viscose Corp. Production of alkali cellulose. 2,735,846, 2-21-56, Cl. 260—233.
- Richter, Gustav R., to Hartford National Bank and Trust Co., trustee. Tone-control circuit arrangement for use in low-frequency amplifier. 2,752,432, 6-26-56, Cl. 179—171.
- Richter, Heinrich, to E. S. Dunn. Fluid tight cable entry. 2,750,436, 6-12-56, Cl. 174—77.
- Richter, Heinz K., to Lockheed Aircraft Corp. Automatic pilot-hydraulic booster system. 2,738,772, 3-20-56, Cl. 121—41.
- Richter, Johan C. F. C., to Aktiebolaget Kamyr. Bleaching tower, with mixing device. 2,764,011, 9-25-56, Cl. 68—181.
- Richter, John W., to Merck & Co., Inc. Chemical compounds and process for preparing the same. 2,766,242, 10-9-56, Cl. 260—251.1.
- Richter, Kenneth E., and L. W. Young, to Union Carbide and Carbon Corp. Apparatus for applying hard-facing metals. 2,759,083, 8-14-56, Cl. 219—8.
- Richter, Kenneth W., to Everbite Electric Signs Inc. Resilient supports for light tubes. 2,744,705, 5-8-56, Cl. 248—50.
- Richter, Ludwig. See—
- Williams, William W., and Richter. 2,773,864.
- Richter, Robert. See—
- Lange, Günther, and Richter. 2,732,762.
- Richter, Roy E., to Bell Auto Parts, Inc. Protective helmet. 2,763,005, 9-18-56, Cl. 2—6.
- Richter, Walter J. See—
- Sarapolo, Orlando, Richter, and Campbell. 2,730,963.
- Richter, Walther. See—
- Dittmore, Ray H., Richter, Shadd, McMillan, and Trickle. 2,768,105.
- Dittmore, Ray H., Richter, Shadd, McMillan, and Trickle. 2,771,540.
- Richter, William F. See—
- Boxell, Samuel E., Richter, and R. E. and C. R. Hall, and Dane. 2,750,815.
- Richter, Willy, and A. Flocke, to Kurt Korber & Co. K. G. M. Machine for slicing, stemming and blanking tobacco leaves. 2,747,582, 5-29-56, Cl. 131—131.
- Richterkeßing, Frank H., to W. M. Cissell Mfg. Co., Inc. Twin tumbler for drying fabrics. 2,742,710, 4-24-56, Cl. 34—127.
- Richterkeßing, Frank H., to W. M. Cissell Mfg. Co., Inc. Driving mechanism. 2,763,471, 9-18-56, Cl. 259—1.
- Richterkeßing, Frank H., to W. M. Cissell Mfg. Co., Inc. Pivoted gate valve. 2,769,460, 11-6-56, Cl. 137—625.4.
- Richthamer, Frank P., to McMillin-Foley Publishing Co. Photograph mount. 2,736,976, 3-6-56, Cl. 40—158.
- Rick, Christian E., to E. I. du Pont de Nemours and Co. Method of producing refractory metal. 2,753,254, 7-3-56, Cl. 75—84.
- Rick, Christian E., to E. I. du Pont de Nemours and Co. Production of group IV-A metals. 2,773,787, 12-11-56, Cl. 148—13.1.
- Rick, Richard, and F. C. Campins; said Campins to said Rick. Novel pattern. 2,756,434, 7-31-56, Cl. 2—243.
- Rickabaugh, Charles A., to American Cyanamid Co. Continuous drying apparatus. 2,746,168, 5-22-56, Cl. 34—51.
- Rickard, Arthur E. Dispensing attachment for a liquid container. 2,759,642, 8-21-56, Cl. 222—479.
- Rickard, Clyde E., to McDowell Mfg. Co. Gasket valve. 2,730,116, 1-10-56, Cl. 137—107.
- Rickenbach, August W. See—
- Wiegman, Clarence H., King, Rickenbach, and Rohm. 2,764,247.
- Rickers, Frank O., to The Geo. Wiedemann Brewing Co., Inc. Inletting hops in the brewing of beer. 2,772,975, 12-4-56, Cl. 99—50.5.
- Rickett, Frank J., to I-T-E Circuit Breaker Co. Pivotaly mounted return connection. 2,759,072, 8-14-56, Cl. 206—144.
- Ricks, Julius H. Electrical inclinometer. 2,759,272, 8-21-56, Cl. 33—215.
- Rickles, Nathaniel H. See—
- Thwaites, Herman L., and Rickles. 2,742,885.
- Rickner, Edward J. Capacitor type differential pressure switch. 2,753,515, 7-3-56, Cl. 323—74.
- Ricks, Bernard E., to Thompson Products, Inc. Adjusting sleeve. 2,736,581, 2-28-56, Cl. 287—60.
- Ricks, Herbert E., to Westinghouse Electric Corp. Applying protective metal coatings on refractory materials. 2,739,107, 3-20-56, Cl. 204—37.
- Ricks, Herbert E., and W. M. Trigg, to Westinghouse Electric Corp. Destroying cyanides in aqueous cyanide solutions. 2,773,025, 12-4-56, Cl. 204—149.
- Rickus, George M. See—
- Pasciule, Martin M., and Rickus. 2,749,546.
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- Knapp, Marion A. 2,737,743.

- Riddell, Cyrus M., and D. J. Rattenbury, to Sumner Iron Works, Inc. Oscillatable bark-removing jet continuously directed toward axis of a passing log. 2,765,012, 10-2-56, Cl. 144-208.
- Riddell, Wallace C., and G. B. Kirk, to Kaiser Gypsum Co., Inc. Cementitious composition and process of producing the same. 2,731,877, 1-17-56, Cl. 154-88.
- Ridlick, Thomas M., to Filtration Equipment Corp. Filter bottom for fixed bed filters. 2,745,553, 5-15-56, Cl. 210-124.
- Ridge, Grant C. Adjustable ankle joint for an artificial limb. 2,749,557, 6-12-56, Cl. 3-33.
- Rideout, Jerry C., and J. K. Siddle, to Surface Combustion Corp. Water heater control. 2,742,881, 4-24-56, Cl. 122-448.
- Rider, Stuart H.: See—
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- Elmer, Curtis, Anas, and Rider. 2,740,738.
- Rider, Warren M.: See—
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- Pollard, Leon G., Ridge, and Hofer. 2,739,029.
- Ridge Tool Co., The: See—
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- Ridgers, Charles E. S., to The Decca Record Co. Ltd. Electric control circuits. 2,764,730, 9-25-56, Cl. 323-22.
- Ridgers, Frederick G.: See—
- Milne, Winford G., and Ridgers. 2,747,010.
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- Ridgeway, Allen T.: See—
- Pinkerton, Harold R. 2,754,528.
- Ridgeway, Leroy E.: See—
- Rugels, Edward F. 2,740,240.
- Ridgley, Charlotte H.: See—
- Ridgley, Cornelius 2,736,010.
- Ridgley, Cornelius J., deceased, by C. H. Ridgley, administratrix, to I.T.E. Circuit Breaker Co. Thermal alarm devices. 2,736,010, 2-21-56, Cl. 340-222.
- Ridley, Raymond, Jet operated refrigerator. 2,744,392, 5-8-56, Cl. 62-117.65.
- Ridgway, Edmund T., to The Budd Co. Corrugated sheathing spot-welded to frame members, especially for vehicle bodies. 2,740,789, 5-22-56, Cl. 296-29.
- Ridway, Glen B.: See—
- Getz, Delmond L., and Ridgway. 2,751,108.
- Ridway, William F., to The Ingersoll Milling Machine Co. Automatic drilling machine. 2,757,560, 8-7-56, Cl. 77-22.
- Ridings, Garvice H., to The Western Union Telegraph Co. Two-way facsimile system with improper operation alarm. 2,742,526, 4-17-56, Cl. 178-6.6.
- Ridings, Garvice H., to The Western Union Telegraph Co. Two-way facsimile systems between a main telegraph office and a plurality of out-stations. 2,747,015, 5-22-56, Cl. 178-6.8.
- Ridings, Garvice H., J. H. Hackenberg, R. J. Wise, G. B. Worthen, and D. M. Zabriske, to The Western Union Telegraph Co. Facsimile transmission systems and apparatus. 2,732,276, 1-24-56, Cl. 346-139.
- Ridings, Garvice H., and R. J. Wise, to The Western Union Telegraph Co. Two-way facsimile telegraph systems. 2,767,242, 10-16-56, Cl. 178-6.6.
- Ridings, Geoffrey N.: See—
- Richardson, Arthur B. F. G., Hinds, and Ridings. 2,749,880.
- Ridler, Desmond S., D. A. Weir, and A. D. Odell, to International Standard Electric Corp. Gaseous discharge tube counting chains. 2,758,250, 8-7-56, Cl. 315-84.5.
- Ridley, Baldwin V.: See—
- Gebbs, Richard W., and Ridley. 2,730,063.
- Ridley, Ian M. Swimming pool and method of construction. 2,729,093, 1-3-56, Cl. 72-13.
- Ridley, Ian M. Metering and shakedown means for cement gun apparatus. 2,732,107, 1-24-56, Cl. 222-561.
- Ridley, John C., and S. A. Saxton. Means for supplying anti-detonant to an internal-combustion engine. 2,772,866, 12-4-56, Cl. 261-44.
- Ridnour, Robert H. Ice cube package or mold. 2,747,380, 5-29-56, Cl. 62-108.5.
- Rieber, Frank, deceased, by L. G. Rieber, executrix, to Geovision Inc. Geophysical display apparatus. 2,756,836, 7-31-56, Cl. 181-8.
- Rieber, Lu Gorda: See—
- Rieber, Frank. 2,756,836.
- Rieck, Roy J., to G. H. Bishop Co. Collar former. 2,768,774, 10-30-56, Cl. 223-52.1.
- Riede, John R. Depth and distance measuring gauge. 2,742,703, 4-24-56, Cl. 33-129.
- Riede, Peter M., to Union Carbide and Carbon Corp. Apparatus for pumping a volatile liquid. 2,730,957, 1-17-56, Cl. 103-153.
- Riedel, Erich, to Bruckenkamp Flender G. m. b. H. Plant for the clarification of slurries. 2,773,600, 12-11-56, Cl. 210-51.
- Riedel, Walter W., to General Motors Corp. Motor stator laminations and method of manufacturing welded stators. 2,774,001, 12-11-56, Cl. 310-217.
- Riedell, Edwin H. Orthopedic body support. 2,739,642, 2-27-56, Cl. 155-189.
- Riedeman, William L., to Rohm & Haas Co. Plastic compositions containing carbonate nitriles. 2,755,264, 7-17-56, Cl. 260-30.4.
- Riedeman, William L., to Rohm & Haas Co. Plastic compositions containing N,N-disubstituted carbonate amides. 2,753,283, 7-17-56, Cl. 260-30.4.
- Riedesel, Richard G., to Minnesota Mining & Mfg. Co. Spliced abrasive belt and method of making same. 2,733,181, 1-21-56, Cl. 154-116.
- Riedl, Frederick J., to Universal Oil Products Co. Manufacture of supported catalysts. 2,739,182, 3-20-56, Cl. 252-439.
- Riedl, Frederick J., to Universal Oil Products Co. Manufacture of molybdenum-containing catalysts. 2,753,810, 7-3-56, Cl. 252-439.
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- Rieger, Frederic L., and R. M. Slade, to The Monarch Marking & Stamping Co. Ink marking system for automatic marking machines. 2,756,674, 7-31-56, Cl. 101-301.
- Rieger, Hans. Portable snow fence. 2,753,156, 7-3-56, Cl. 256-12.5.
- Rieger, Wilhelm, to R. H. Jordan. Device for quickly connecting and disconnecting two bodies. 2,760,268, 8-28-56, Cl. 29-229.
- Riegger, Ulrich, to Kurt Korber & Co. K. G. Method and apparatus for drying tobacco products. 2,737,955, 3-13-56, Cl. 131-25.
- Riegle, Ulrich, to Kurt Korber & Co. K. G. Tobacco cutting machine having moisture drying elements. 2,653,909, 7-10-56, Cl. 146-120.
- Riegler, Werner L., and J. G. Atherton, to Armour and Co. Corrosion inhibiting paints and method of preparation. 2,773,121, 1-17-56, Cl. 106-14.
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- Riehm, Theodor, to Deutsche Bergin-Aktien-Gesellschaft. Process for recovery of hydrochloric acid from wood sugar solutions. 2,743,219, 4-24-56, Cl. 202-52.
- Rieke, George A. Vitreous grinding composition. 2,772,150, 11-27-56, Cl. 51-308.
- Rieke, Glenn T., to Rieke Metal Products Corp. Closure fitting for flexible wall containers. 2,762,637, 9-11-56, Cl. 285-200.
- Rieke, Glenn T., to Rieke Metal Products Corp. Plastic drum closure. 2,772,017, 11-27-56, Cl. 220-27.
- Rieke, Glenn T., to Rieke Metal Products Corp. Pour spout closure for containers. 2,772,037, 11-27-56, Cl. 222-481.
- Rieke, Glenn T., to Rieke Metal Products Corp. Pull spout closure for containers. 2,774,523, 12-18-56, Cl. 222-525.
- Rieke, John W., to Bell Telephone Laboratories, Inc. Bridge stabilized oscillator. 2,774,873, 12-18-56, Cl. 250-36.
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- Riel, Harold K., to Lip-Mate Corp. Lip paint or paste applicator. 2,763,851, 9-25-56, Cl. 15-137.
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- Riemann, Howard C., to The Fulton Co. Winch assemblage. 2,747,338, 5-29-56, Cl. 254-186.
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- Riemenschneider, Fritz, to Merchandise handling and storing equipment. 2,765,928, 10-9-56, Cl. 212-135.
- Riemenschneider, Fritz, to Eumeco A.-G. für Maschinenbau. Drop hammer. 2,737,066, 3-6-56, Cl. 78-30.
- Riener, Edward F., to Rohm & Haas Co. Preparation of epoxidized acids, esters and nitriles. 2,756,242, 7-24-56, Cl. 260-348.6.
- Riener, Harry, to American Can Co. Container with cover locking handles. 2,741,398, 4-10-56, Cl. 220-95.
- Ries, Elmer F. Walking aids. 2,734,554, 2-14-56, Cl. 181-10.
- Ries, Elmer F. Multiple purpose invalid walker. 2,759,525, 8-21-56, Cl. 155-22.
- Ries, Herman E., Jr., to Sinclair Refining Co. Preparation of a catalyst using a metal soap of a carboxylic acid as an adsorbate. 2,745,812, 5-15-56, Cl. 252-458.
- Ries, William M., to Wheeling Steel Corp. Latch. 2,730,393, 1-10-56, Cl. 292-244.
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- Kohl, Arthur L., and Riesenfeld. 2,773,560.
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- Riesing, John, to General Motors Corp. Fluid seal. 2,736,584, 2-28-56, Cl. 288-2.
- Riesing, Elwood F., to General Motors Corp. Fluid seal. 2,736,585, 2-28-56, Cl. 288-3.



- Riesing, Ellwood F., to General Motors Corp. Fluid seal. 2,736,586, 2-28-56, Cl. 288-11.
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- Rieth, Walter, to Probst & Class. Multiple stage colloid mill with apertured rotor-rot feed means. 2,749,053, 6-5-56, Cl. 241-162.
- Riethof, George, and G. P. Brown, Jr., to Gulf Research & Development Co. Preparation of mahogany acid concentrates. 2,753,263, 1-31-56, Cl. 260-504.
- Rietsch, Auguste: *See*—
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- Rietz, Carl A., to Rietz Mfg. Co. Preliminary disintegrating machine particularly adapted to size reduce wood blocks, rubber tires and the like. 2,738,932, 3-20-56, Cl. 241-190.
- Rietz, Carl A., to Rietz Mfg. Co. Hollow screw rotary heat exchanger. 2,761,637, 9-4-56, Cl. 257-79.
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- Rifenburg, Ray C., to Consolidated Edison Co. of New York, Inc. Stop for fluid filled cable systems. 2,740,825, 4-3-56, Cl. 174-22.
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- Grieb, John J., Rigabarr, and Taylor. 2,748,667.
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- Riggins, Alfred E., to Armstrong Cork Co. Equalizing duct for hardening rooms. 2,741,897, 4-17-56, Cl. 62-89.
- Riggs, Arnold E., to General Motors Corp. Method of making a flanged apertured plate. 2,738,574, 3-20-56, Cl. 29-545.
- Riggs, Florida L. Shoe construction. 2,758,397, 8-14-56, Cl. 36-76.
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- Riggs, Mart B., to The Goodyear Tire & Rubber Co. Apparatus for cutting tire treads. 2,752,996, 7-3-56, Cl. 164-102.
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- Riggs, Simon B., to W. F. Simpkins and to A. J. Ragsdale. Reel weevil borer. 2,740,228, 4-3-56, Cl. 43-144.
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- Riley, Freddie. Staircase. 2,760,239, 8-28-56, Cl. 20-10.
- Riley, Harry L., and J. Norris, to United Coke & Chemicals Co. Ltd. Filter. 2,747,686, 5-29-56, Cl. 183-69.
- Riley, Horace E., to Union Carbide and Carbon Corp. Color stabilization of phenols with phosphoric acids. 2,752,398, 6-26-56, Cl. 260-624.
- Riley, Jack E., to Iron Fireman Mfg. Co. Electrical circuit chopper. 2,758,173, 8-7-56, Cl. 200-93.
- Riley, Jack C., to Iron Fireman Mfg. Co. High speed relay. 2,760,027, 8-21-56, Cl. 200-87.
- Riley, Joseph J., to The Taylor-Winfield Corp. Electronic control circuit. 2,734,133, 2-7-56, Cl. 250-27.
- Riley, Joseph J., to The Taylor-Winfield Corp. Coolant flow control for electric resistance welders and the like. 2,739,216, 3-20-56, Cl. 219-4.
- Riley, Joseph J., to The Taylor-Winfield Corp. Apparatus for electric resistance welding of scaly metals. 2,742,552, 4-17-56, Cl. 219-4.
- Riley, Joseph J., to The Taylor-Winfield Corp. Rectifier welder apparatus. 2,743,341, 4-24-56, Cl. 219-4.
- Riley, Joseph J., and R. L. Andrews, to The Taylor-Winfield Corp. Apparatus for monitoring the flow of a cooling fluid. 2,734,106, 2-7-56, Cl. 200-81.9.
- Riley, Joseph L.: *See*—
- Hibbard, Myrthan R., and Riley. 2,738,217.
- Riley, Melvin A., to The Baltimore Paper Box Co. Fiber-board protective structure for television sets. 2,746,866, 5-22-56, Cl. 229-14.
- Riley, Ralph E. Bowling pin. 2,738,977, 3-20-56, Cl. 273-22.
- Riley, Sidney L.: *See*—
- Line, Gerald D., and Riley. 2,749,892.
- Riley Specialty, Inc.: *See*—
- Riley, Wayne L. 2,753,741.
- Riley Stoker, Corp.: *See*—
- Craig, Ollison. 2,735,660.
- Craig, Ollison. 2,759,460.
- Craig, Ollison. 2,765,894.
- Dennis, Edward L. 2,754,778.
- Kubner, Max H. 2,758,574.
- Earle C. 2,763,221.
- Miller, Earle C. 2,773,629.
- Miller, Earle C., and Andrews. 2,750,903.
- Ohman, Hans E. 2,758,554.
- Rivers, Russell C., and Hewitt. 2,765,933.
- Smith, Eric H., and Baharian. 2,755,781.
- Riley, Thomas F.: *See*—
- Seymour, William D. 2,768,680.
- Riley, Walter E., F. J. Foltz, and R. Bennett. Twin-arch pipe line span. 2,736,334, 2-28-56, Cl. 137-236.
- Riley, Walter J., to S. Howes Co., Inc. Mechanism for the operation of a freely movable vibrating screens. 2,748,608, 6-5-56, Cl. 74-61.
- Riley, Wayne L., to Riley Specialty, Inc. Fisherman's shot pliers. 2,753,741, 7-10-56, Cl. 81-15.
- Rimkus, Bernard E., to American Seating Co. Undersheet bookrack. 2,748,841, 6-5-56, Cl. 158-188.
- Rimkus, Bernard E., to Siemens-Schuckertwerke Aktiengesellschaft. Direct-current machine with compensating pole-face windings. 2,745,031, 5-8-56, Cl. 310-218.
- Rimple, Edward J.: *See*—
- Gurries, Albert G., and Rimple. 2,732,782.
- Rimple, Edward J., to De-Ge Mfg. Co. Scraper blade for reversible disc saws. 2,750,940, 1-17-56, Cl. 97-31.
- Rinckoff, John B.: *See*—
- Cunningham, Frederick C., Berger, and Rinckhoff. 2,737,448.
- Rinecker, Franz G., to the United States of America as represented by the Secretary of the Air Force. Insole. 2,766,158, 10-9-56, Cl. 154-46.
- Rineer, Arthur E. Micrometric height gauge. 2,768,448, 10-30-56, Cl. 33-170.
- Rinehart, Charles V. Fruit cutting, spreading, and pitting machine. 2,772,710, 12-4-56, Cl. 146-28.
- Rinehart, John S.: *See*—
- Pearson, John, and Rinehart. 2,761,309.
- Riner, Theodore H. Trolling attractor for use in fishing. 2,754,611, 7-17-56, Cl. 43-42.19.
- Rines, Robert H. Electroplating method and system. 2,744,860, 5-8-56, Cl. 204-15.
- Rines, Robert H. Electroplating method. 2,744,860, 5-8-56, Cl. 204-45.
- Rines, Robert H. Method of and apparatus for detection. 2,749,531, 6-5-56, Cl. 340-6.
- Rines, Robert H. Radio-wave pulse system. 2,753,448, 7-17-56, Cl. 250-6.
- Rines, Robert H. Sound system. 2,769,966, 11-6-56, Cl. 340-3.
- Rines, Robert H. Electromagnetic object-tracking-and-destroying method and system. 2,769,975, 11-6-56, Cl. 343-7.
- Rines, Robert H., and I. S. Blonder. Sonobuoy. 2,749,436, 6-5-56, Cl. 250-17.
- Rinesch, Rudolf F. Method of refining iron. 2,741,554, 4-10-56, Cl. 75-52.
- Ring, David J. Power oscillated cradles. 2,767,799, 10-23-56, Cl. 19-13.
- Ring, Douglas H., to Bell Telephone Laboratories, Inc. Frequency stabilized oscillator. 2,775,700, 12-25-56, Cl. 250-36.
- Ring, Elliot, and C. E. Lorman, to the United States of America as represented by the Secretary of the Army. Thickness gage. 2,754,275, 2-14-56, Cl. 33-147.
- Ring, Harold H., and H. J. Stromme, to Atwood Vacuum Machine Co. Bicycle stabilizer attachment. 2,740,644, 4-3-56, Cl. 280-304.
- Ring, Henrik, and A. A. Ferguson. Door closing mechanism. 2,774,987, 12-25-56, Cl. 16-62.

- Ring, Robert, Jr.: *See—*  
Hill, John E., and Ring, 2,762,891.
- Ringel, Harold A., and F. E. Meyer,  $\frac{1}{4}$  to C. H. D'Antonio and  $\frac{1}{4}$  to E. D. Flanders. Merchandise case having a detachable moisture proof bottom tray. 2,746,668, 5-22-56, Cl. 229—23.
- Ringel, Samuel J., and L. Feinstein. Dedicated to the free use of the People of The United States. Method of killing insects with alkyl phenylsuccinimides and fabric impregnated with the same. 2,768,927, 10-30-56, Cl. 167—33.
- Ringel, Walter J.: *See—*  
Hohl, John, Eberling, and Ringel, 2,735,600.
- Ringer, Albert, and H. Sween. Portable feed mixer and unloader. 2,767,963, 10-23-56, Cl. 259—10.
- Ringer, William C. Combustion stopper and pourer with valving means. 2,755,952, 7-24-56, Cl. 215—52.
- Ringenbach, Pierre C.: *See—*  
Selvaggio, Guillaume F., and Ringenbach, 2,750,852.
- Ringer, Kenneth: *See—*  
Hubert, Julius J., Przedpelski, and Ringer, 2,770,727.
- Ringham, Clarence R., to Phillips Petroleum Co. Adjustment of compressor cylinder clearance for wide range of conditions. 2,729,388, 1-3-56, Cl. 230—188.
- Ringham, Rodger P., to Chance Vought Aircraft, Inc. Air flow protuberance for improving spoiler effectiveness. 2,730,313, 1-10-56, Cl. 244—42.
- Ringland, William L., to Allis-Chalmers Mfg. Co. Connector for synchronous machine damper winding. 2,732,518, 6-5-56, Cl. 810—183.
- Ringler, Cecil L. Quick mountable door or window frame. 2,753,602, 7-10-56, Cl. 20—11.
- Ringler, Charles L.: *See—*  
Kenny, Clarence E., and Ringler, 2,746,711.
- Ringler, Friedrich O., to the United States of America as represented by the Secretary of the Navy. Hydraulic jet catapult with automatic jet control. 2,737,357, 3-6-56, Cl. 244—63.
- Ringlee, Robert J.: *See—*  
Fehr, Robert O., Duckwald, Ringlee, and Hellar, 2,731,834.
- Ringlen, Arthur G., and A. Svirchev, to American Safety Razor Corp. Packaged surgeon's blade. 2,751,074, 6-19-56, Cl. 206—62.
- Ringler, William A., to The Gardner Board and Carton Co. Bacon folder. 2,753,107, 7-3-56, Cl. 229—87.
- Ringler, William A., to The Gardner Board & Carton Co. Multi-celled article carriers. 2,755,959, 7-24-56, Cl. 229—113.
- Ringler, William A., to The Gardner Board & Carton Co. Cellular article carriers. 2,755,961, 7-24-56, Cl. 229—113.
- Ringler, William A., to The Gardner Board & Carton Co. Collapsible bottle carriers. 2,755,962, 7-24-56, Cl. 229—113.
- Ringler, William A., to The Gardner Board & Carton Co. Bottle shipping and carrying cartons. 2,755,963, 7-24-56, Cl. 229—115.
- Ringler, William A., to The Gardner Board & Carton Co. Collapsible bottle carriers. 2,755,964, 7-24-56, Cl. 229—118.
- Ringler, William A., to The Gardner Board & Carton Co. Collapsible bottle carriers. 2,755,965, 7-24-56, Cl. 229—118.
- Ringler, William A., to The Gardner Board & Carton Co. Tubular containers. 2,755,983, 7-24-56, Cl. 229—21.
- Ringness, Cornell O.,  $\frac{1}{4}$  to O. B. Skare,  $\frac{1}{4}$  to J. O. Iverson,  $\frac{1}{4}$  to O. J. Skare, and  $\frac{1}{4}$  to I. O. Flolo. Bale loader attachment for vehicles. 2,757,807, 8-7-56, Cl. 214—80.
- Ringo, Dan, and E. B. Miller, to Adsorption Research Corp. Fluid treating apparatus. 2,751,032, 6-19-56, Cl. 183—4.
- Ringo, Dan, and E. B. Miller, to Adsorption Research Corp. Fluid treating apparatus. 2,751,034, 6-19-56, Cl. 183—4.
- Ringoen, Richard M., to Collins Radio Co. Phase insensitive synchronously tuned filter. 2,752,491, 6-26-56, Cl. 250—27.
- Rings, Franz, to G. Kromschroder Aktiengesellschaft. Water meter with concentrically arranged connection channels. 2,730,132, 11-13-56, Cl. 73—273.
- Ringwald, Eugene L., and A. B. Craig, to The Chemstrand Corp. Compositions comprising acrylonitrile polymers and tri ( $\beta$ -cyanoethyl) nitromethane. 2,744,081, 5-1-56, Cl. 260—32.4.
- Ringwood Chemical Corp.: *See—*  
Kuhn, Lester P., 2,768,200.
- Rink, Oscar C., to Small Cars, Inc. Vehicle power transmission and control therefor. 2,729,299, 1-3-56, Cl. 180—83.
- Rinke, Heinrich: *See—*  
Lehmann, Wolfgang, and Rinke, 2,761,852.
- Rinker, Wilbur, to Ernst Leitz G. m. H. Precision measuring instrument. 2,728,991, 1-3-56, Cl. 33—147.
- Rinkinen, John H. Adjustable footplate for snowshoe. 2,769,250, 11-6-56, Cl. 36—4.5.
- Rinn, Karl: *See—*  
Hoffman, Ulrich, Schweitzer, and Rinn, 2,736,752.
- Riordan, Albert O., to Baker Perkins Inc. Diverter valves for pneumatic conveying systems. 2,732,263, 1-24-56, Cl. 302—28.
- Riordan, Howard C. Surgical sponge with radioactive tracer. 2,740,405, 4-3-56, Cl. 128—296.
- Riordan, Howard C., to The Kendall Co. Surgical sponges and methods for making same. 2,755,805, 7-24-56, Cl. 128—296.
- Riordan, John D.: *See—*  
Libby, Carl F., 2,742,932.  
Libby, Carl F., 2,769,460.
- Riordan, John M., to Bonnar-Vawter, Inc. Manifold form feeding and hold-down mechanism. 2,730,358, 1-10-56, Cl. 271—2.1.
- Ripke, August C. Device for transmitting rotary motion. 2,772,571, 4-5-56, Cl. 74—63.
- Ripper, Rudolf, to The Tri-Dent Corp. Toothbrush. 2,771,624, 11-27-56, Cl. 15—167.
- Rippl, Harold A. Machine for grinding and polishing round bars. 2,756,547, 7-31-56, Cl. 51—142.
- Ripple, Melvin H.: *See—*  
Vance, John E., and Ripple, 2,766,971.
- Ripple, Melvin H., to The Hoover Co. Food mixers. 2,730,901, 1-17-56, Cl. 74—16.
- Ripple, Melvin H., to The Hoover Co. Nozzle adjustment for sprayer cleaners. 2,741,488, 4-10-56, Cl. 250—44.
- Ripple, Melvin H., to The Hoover Co. Kitchen appliance. 2,770,138, 11-13-56, Cl. 74—16.
- Risch, Arthur H., to Pulp Reproduction Co. Molded pulp bait container. 2,732,119, 1-24-56, Cl. 229—5.
- Risch, Nelson O., to Allis-Chalmers Mfg. Co. Segmented rotor core lamination for use in a synchronous induction motor. 2,769,108, 10-30-56, Cl. 310—265.
- Rison Mfg. Co., The: *See—*  
Beard, Walter C., Jr., and Dayton, 2,730,180.  
Wilson, Frank, Jr., 2,737,023.
- Riser, Clarence B., to Lawrence Brothers, Inc. Hinge. 2,772,441, 12-4-56, Cl. 16—169.
- Rising, Bill W., and M. P. Stilwell. Power divider. 2,742,684, 4-24-56, Cl. 4—710.5.
- Risinger, Ben W. Automatic signaling device. 2,768,238, 10-23-56, Cl. 179—5.
- Risinger, Joe L., to Socony Mobil Oil Co., Inc. Method of controlling oil tank fires. 2,730,178, 1-10-56, Cl. 169—1.
- Risley, Roger E., to Ethyl Corp. Motor fuel. 2,764,477, 9-25-56, Cl. 27—3.
- Risley, Roger E.: *See—*  
Newell, Frederick T., and Risley, 2,755,111.
- Risley, Roger E., to Dresser Industries, Inc. Lock coupling. 2,751,136, 8-4-56, Cl. 285—142.
- Risley, Roger E., to Dresser Industries, Inc. Lock coupling for pipe. 2,755,109, 7-17-56, Cl. 285—232.
- Risley, Roger E., to Dresser Industries, Inc. Hollow lugged pipe coupling. 2,759,744, 8-21-56, Cl. 285—112.
- Risley, Roger E., and G. D. Kish, to Dresser Industries, Inc. Recessed joint for concrete pipe. 2,732,230, 1-24-56, Cl. 285—135.
- Risley, Roger E., and H. L. Hoke, to Dresser Industries, Inc. Pipe coupling with multipart clamp. 2,738,995, 3-20-56, Cl. 285—196.
- Risley, Roger E., and G. D. Kish, to Dresser Industries, Inc. Pipe repair sleeve. 2,759,493, 8-21-56, Cl. 138—99.
- Risley, Roger E., and R. N. Paterson, to Dresser Industries, Inc. Pipe coupling for use in limited space. 2,761,706, 9-4-56, Cl. 285—168.
- Risner, Robert C. Automobile carrier. 2,766,898, 10-16-56, Cl. 214—85.
- Rissberger, Arthur C., Jr., and H. F. Vivian, to Eastman Kodak Co. Plastic film reel. 2,759,681, 8-21-56, Cl. 242—71.
- Ristila, Matt: *See—*  
Overhouse, John A., and Ristila, 2,743,522.
- Ritchey, Donald D.,  $\frac{1}{4}$  to M. A. Juten. Sirens. 2,766,448, 8-7-56, Cl. 240—405.
- Ritchey, Harold W., to Union Oil Co. of California. Radiation heating. 2,757,738, 8-7-56, Cl. 166—39.
- Ritchey, Park D., to Norma-Hoffmann Bearings Corp. Bearing seals. 2,766,082, 10-9-56, Cl. 308—187.2.
- Ritchey, Ronald J. Segmental brush. 2,757,402, 8-7-56, Cl. 15—202.
- Ritchie, Charles F., to the United States of America as represented by the United States Atomic Energy Commission. Automatic filtration equipment. 2,757,799, 8-7-56, Cl. 210—150.6.
- Ritchie, Davis P. Portable tire inflating apparatus. 2,750,071, 6-12-56, Cl. 222—3.
- Ritchie, Frank W., and L. A. Maas, to The Smith Bearing Co. Roller bearing assembly. 2,729,520, 1-3-56, Cl. 308—213.
- Ritchie, Paul F., to Hercules Powder Co. Hydroxydehydroalcoholic acid and esters thereof. 2,750,405, 6-12-56, Cl. 260—473.
- Ritchie, Paul F., to Hercules Powder Co. 1,2,3,4,4a,9,10,10a-octahydro-7-hydroxy-1,4a-dimethyl-9-oxo-1-phenanthrene-carboxylic acid and esters thereof. 2,750,406, 6-12-56, Cl. 260—473.
- Ritchie, Paul F., to Hercules Powder Co. Substituted phenanthrene-carboxylic acid and esters thereof. 2,750,407, 6-12-56, Cl. 260—473.
- Ritelli, Edward J.: *See—*  
Castagnola, Angelo B., and Ritelli, 2,753,607.
- Ritepoint Pen and Pencil Co.: *See—*  
Boyle, Frank F., 2,730,993.
- Ritscher, Arthur, to Kurt Korber & Co. K. G. Knife advancing and latching means for a tobacco cutting machine. 2,751,949, 6-26-56, Cl. 145—117.
- Rison, Daniel D., and J. C. Pullman, to American Cyanamid Co. Hot melt compositions comprising a thermoplastic resin and a 2-(long chain alkyl) guanamine and paper coated therewith. 2,764,509, 9-25-56, Cl. 117—155.
- Rittenhouse, Howard B.,  $\frac{1}{4}$  to Bowser, Inc., and  $\frac{1}{4}$  to Tokheim Corp. Bottom fill apparatus. 2,731,029, 1-17-56, Cl. 137—23.
- Rittenhouse, Howard E., to General Development Co. Liquid dispersing apparatus. 2,756,100, 7-24-56, Cl. 299—63.



- Ritter, Alexander S. Planting and equipment therefor. 2,771,709, 11-27-56, Cl. 47-1.
- Ritter, Arthur W., Jr. and S. F. Rowland, to Rohm & Haas Co. Epoxyoctadecyl adipates. 2,771,472, 11-20-56, Cl. 260-348.
- Ritter Co., Inc.: *See—*  
Bronk, Fay E. 2,757,667.  
McDonald, Robert L. 2,764,459.  
Page, Richard W. 2,747,467.
- Ritter, Eugen J., and H. Middendorff. Method of making laminated panels and product thereof. 2,745,779, 5-15-56, Cl. 154-118.
- Ritter, Eugene L., to The Cincinnati Milling Machine Co. Automatic thread stop mechanism. 2,735,327, 2-21-56, Cl. 82-21.
- Ritter, F., & Sohn: *See—*  
Battke, Willie. 2,735,360.
- Ritter, Franz. Method of bonding a polyamide layer to a polyvinyl chloride layer and products thus obtained. 2,770,586, 11-18-56, Cl. 154-139.
- Ritter, George D. Starting winding mechanism for electric motor. 2,767,274, 10-16-56, Cl. 200-80.
- Ritter, George F., to Libbey-Owens-Ford Glass Co. Oscillating edge grinder. 2,747,342, 5-29-56, Cl. 51-142.
- Ritter, R. C., to Aircraft-Marine Products, Inc. Electrical connector. 2,774,810, 12-18-56, Cl. 174-84.
- Ritter, Heinrich, Aluminiumwarenfabrik: *See—*  
Pfeffer, Theophil. 2,772,806.
- Ritter, Herman: *See—*  
Kessler, Charles A., and Ritter. 2,749,865.
- Ritter, Herman, to The Singer Mfg. Co. Trimming mechanisms for sewing machines. 2,730,059, 1-10-56, Cl. 112-123.
- Ritter, John. Refuse receptacles. 2,751,107, 6-19-56, Cl. 220-42.
- Ritter, John. Refuse container. 2,759,625, 8-21-56, Cl. 220-43.
- Ritter, John G., to the United States of America as represented by the Secretary of the Navy. Nutation damper. 2,766,626, 10-16-56, Cl. 74-5.5.
- Ritter, Joseph L., to W. A. Sheaffer Pen Co. Method of charging, utilizing vacuum and centrifugal force. 2,756,915, 7-31-56, Cl. 226-63.
- Ritter, Julius P., Jr., to Hartmann Co. Soft-sided luggage cases. 2,746,581, 5-22-56, Cl. 190-41.
- Ritter, Lawrence, to American Cyanamid Co. 2,736,725, Cl. 28-56, Cl. 26-56, Cl. 210.
- Ritter, Margaretta B.: *See—*  
Boyd, Albert B. 2,744,262.
- Ritter, Philip M. Combined retractable scaler and toothbrush. 2,765,799, 10-9-56, Cl. 132-84.
- Ritter, Saul. Bracelet connectors. 2,761,190, 9-4-56, Cl. 224-4.
- Ritter, Saul, and W. J. Pfeifer; said Pfeifer assor. to Bruner Ritter Inc. Expandable bracelets. 2,761,600, 9-4-56, Cl. 224-4.
- Ritter, Vaughn L., to Armstrong Cork Co. Container. 2,770,382, 11-18-56, Cl. 215-31.
- Ritzbach, Siegfried. Tone adjusting means for brass wind instruments. 2,738,696, 3-20-56, Cl. 84-394.
- Rittgers, John, to Natco Corp. Wire cutter tension device. 2,757,904, 8-7-56, Cl. 254-161.
- Rittling Corp., The: *See—*  
Carter, Robert J. 2,733,049.
- Rittmann, Friedrich: *See—*  
Schulz, Hans T., and Rittmann. 2,772,928.
- Rittner, Edmund S., to North American Philips Co., Inc. Electron device with semi-conductive target. 2,749,471, 6-5-56, Cl. 315-3.
- Ritz, Jack R. Adjustable pulley. 2,754,689, 7-17-56, Cl. 74-230.17.
- Ritzau, Inge, A. Brugger, and B. Höfer, to P. Ritzau. Atomizer for liquid and pulverulent material. 2,772,117, 11-27-56, Cl. 299-86.
- Ritzau, Paul: *See—*  
Ritzau, Inge, Brugger, and Höfer. 2,772,117.
- Ritzenthaler, Bruce A.: *See—*  
Obermaier, Alfred A., and Ritzenthaler. 2,761,976.
- Ritzerfeld, Gerhard: *See—*  
Ritzerfeld, Wilhelm and G. 2,745,340.  
Ritzerfeld, Wilhelm and G. 2,749,522.  
Ritzerfeld, Wilhelm and G. 2,758,539.  
Ritzerfeld, Wilhelm and G. 2,771,027.
- Ritzerfeld, Wilhelm and G. Moisture control device for rotary duplicating machines. 2,745,340, 5-15-56, Cl. 101-132.5.
- Ritzerfeld, Wilhelm and G. Filing cabinets. 2,749,202, 5-5-56, Cl. 313-327.
- Ritzerfeld, Wilhelm and G. Sheet strippers for rotary duplicators. 2,758,539, 8-14-56, Cl. 101-81.
- Ritzerfeld, Wilhelm and G. Sheet feeding and buckling device for rotary duplicators. 2,771,027, 11-20-56, Cl. 101-132.
- Riva, Danilo. Frame springing of bicycles or light motorcycles. 2,756,071, 7-24-56, Cl. 280-283.
- Rivas, Carlos C., to M. U. Serurier. Film guiding and positioning means. 2,742,283, 4-17-56, Cl. 271-2.3.
- Rively, Clair M., to Westinghouse Electric Corp. Rapidly indicating bridge. 2,749,510, 6-5-56, Cl. 324-62.
- Rively, Clair M., and R. E. Peterson, to Westinghouse Electric Corp. Starting circuit for electrical discharge devices. 2,739,268, 3-20-56, Cl. 315-290.
- Rivers, Bernard C. Temperature controlling means for internal-combustion engines. 2,733,864, 2-7-56, Cl. 236-34.
- Rivers, Russell C., and W. B. Hewitt, to Riley Stoker Corp. Spreader-stoker apparatus. 2,765,933, 10-9-56, Cl. 214-18.22.
- Riverside Mfg. & Electrical Supply Co., Inc.: *See—*  
Brodsky, Harry N., and Chamberlin. 2,740,872.  
Brodsky, Harry N., and Chamberlin. 2,747,036.
- Rivers-Macpherson, Ernest R. Carrying harness or equipment for human beings. 2,760,699, 8-28-56, Cl. 224-5.
- Rives, Walter L. Rare gas welding torch. 2,769,894, 11-6-56, Cl. 219-130.
- Rivet-O-Mfg. Co., The: *See—*  
Harris, Carl C. 2,746,073.
- Rivkin, Joseph, and M. G. Kelakos. Emergency umbrella. 2,757,739, 8-7-56, Cl. 135-20.
- Rix, Albert, to Olympia Werke Aktiengesellschaft. Automatically locking control mechanism for variable escape-type writers. 2,747,716, 5-29-56, Cl. 197-84.
- Rix, Edward G., to S. L. Shelter and E. G. Rix, a copartner-inventor, d. b. a. Illinois Metal Products. Hold-down vice. 2,770,990, 11-20-56, Cl. 81-38.
- Rixson, Oscar C., Co., The: *See—*  
Ellis, David H. 2,744,779.
- Rixton, Frederick H., to Westinghouse Electric Corp. Subminiature glow lamp and method of manufacture. 2,757,086, 8-28-56, Cl. 313-18.1.
- Rizza, Frank E. Tape cutting attachment device for adhesive tape rolls. 2,759,545, 8-21-56, Cl. 164-48.5.
- Rizzieri, Italo: *See—*  
Buzzi, Riccardo. 2,744,684.  
Jannace, Saverio. 2,770,834.
- Ro, Bo-Shin, to Khe-Peng-Chiong. Electrolytic polishing solution. 2,762,766, 9-11-56, Cl. 204-140.5.
- Roach, Arvid E., to General Motors Corp. Composite bearing and method of making same. 2,741,016, 4-10-56, Cl. 29-149.5.
- Roach, Arvid E., to General Motors Corp. Bearing assembly. 2,766,078, 10-9-56, Cl. 308-63.
- Roach, James T.: *See—*  
Cines, Martin R., and Roach. 2,760,908.
- Roach, John J., executor: *See—*  
Laurent, Milton P. 2,760,673.
- Roach, William B. Bottle closure. 2,748,967, 6-5-56, Cl. 215-38.
- Road, Richard A., to Duncan Electric Mfg. Co. Meter assembly with rear removable disk. 2,757,339, 7-31-56, Cl. 324-152.
- Roadgrader Gauge Corp.: *See—*  
Schavi, Vincent. 2,748,508.
- Road Machines (Drayton) Ltd.: *See—*  
Robb, William M. 2,731,922.  
Robb, William M. 2,742,985.  
Robb, William M. 2,768,588.
- Roanwell Corp.: *See—*  
Powers, Donald W. 2,774,836.
- Robards, Preston O. Hand brake wheel. 2,765,674, 10-9-56, Cl. 74-552.
- Robare, Elbert P.: *See—*  
Hurko, Bohdan, and Robare. 2,773,268.
- Robb, Alexander L.: *See—*  
Hodges, William C., and Robb. 2,728,936.  
Hodges, William C., and Robb. 2,729,352.
- Robb, Charles G., and S. I. Ward, to Crystal Research Laboratories, Inc. Liquid treating apparatus. 2,761,832, 9-4-56, Cl. 210-24.
- Robb, Clarence C., and H. M. Zimmerman. Method for coating and draining. 2,755,205, 7-17-56, Cl. 117-95.
- Robb, Don, to Schenley Industries, Inc. Bottle stopper. 2,774,501, 12-18-56, Cl. 215-48.
- Robb, Donald L.: *See—*  
Strickland, Claude H., Eberts, and Robb. 2,774,499.
- Robb, George C., to Robb Mfg. Co. Valve coupling. 2,750,209, 6-12-56, Cl. 284-19.
- Robb Mfg. Co.: *See—*  
Robb, George C. 2,750,209.
- Robb, Morrison L. Split mold. 2,772,443, 12-4-56, Cl. 18-35.
- Robb, Wayne F., and B. W. Myer, Jr., to Yorker & Sons, Inc. Spray valve and closure assembly. 2,764,453, 9-25-56, Cl. 299-89.
- Robb, William M.,  $\frac{1}{2}$  to Road Machines (Drayton) Ltd. Vehicle for vacuum on a monorail system. 2,731,922, 1-24-56, Cl. 105-156.
- Robb, William M.,  $\frac{1}{2}$  to Road Machines (Drayton) Ltd. Transmission mechanism for power driven monorail vehicles. 2,742,985, 4-24-56, Cl. 192-4.
- Robb, William M.,  $\frac{1}{2}$  to Road Machines (Drayton) Ltd. De-ice and monorail track connections. 2,768,588, 10-30-56, Cl. 104-118.
- Robbins, Alexander D., to The W. L. Maxson Corp. Multiple speed transmission mechanism. 2,771,793, 11-27-56, Cl. 74-753.
- Robbins, Chandler, II, and G. L. Mills, to Bates Mfg. Co. Apered fabric and method of making the same. 2,741,824, 4-17-56, Cl. 28-172.
- Robbins, Clifford B. Blade sharpener for steak machines. 2,765,681, 10-9-56, Cl. 76-86.
- Robbins, Clyde F., to Cutler-Hammer, Inc. Push-button operated devices. 2,752,440, 6-26-56, Cl. 200-44.
- Robins, David S., to United States Steel Corp. Shackle type thimble and method of making the same. 2,761,189, 9-4-56, Cl. 24-123.
- Robbins, Edward S. Electrically conductive plastic panels. 2,729,770, 1-3-56, Cl. 317-2.
- Robbins, Edward S., to Robbins Floor Products, Inc. Compressible floor tile. 2,737,693, 3-13-56, Cl. 20-7.

- Robbins Engineering Co.: *See*—  
Schultz, Russel A. 2,767,460.  
Robbins Floor Products, Inc.: *See*—  
Robbins, Edward S. 2,737,693.  
Robbins, George W.: *See*—  
Philippi, John, and Robbins. 2,739,858.  
Robbins, Glenn G. Indicia bearing devices for vertically slidable doors. 2,749,635, 6-12-56, Cl. 40-125.  
Robbins, Gordon B.: *See*—  
Catin, Willard E., and Robbins. 2,737,452.  
Richardson, Clarence L., Smith, and Robbins. 2,764,470.  
Robbins, Harold R. Portable soda fountain. 2,773,681, 12-11-56, Cl. 261-93.  
Robbins Instrument Corp.: *See*—  
Wallace, James M., Jr. 2,766,907.  
Robbins, James S. to Goodman Mfg. Co. Mining machine. 2,743,093, 4-24-56, Cl. 262-7.  
Robbins, James S., to Goodman Mfg. Co. Tiltable supports for cutter heads of boring type mining machines. 2,745,648, 5-15-56, Cl. 262-7.  
Robbins, James S., to Goodman Mfg. Co. Mining machine with adjustably mounted rotary cutting head. 2,745,649, 5-15-56, Cl. 262-7.  
Robbins, James S., to Goodman Mfg. Co. Cutting and core breaking unit for boring head. 2,766,976, 10-16-56, Cl. 262-7.  
Robbins, James S., to Goodman Mfg. Co. Rotary cutter head for boring type continuous mining machine. 2,766,977, Cl. 16-56, Cl. 262-7.  
Robbins, James S., to Goodman Mfg. Co. Rotary head tunneling machine having oppositely rotating head portions. 2,766,978, 10-16-56, Cl. 262-7.  
Robbins, Kenneth C., to Armour and Co. Method of obtaining intimate mixtures of enhanced potency. 2,770,570, 11-13-56, Cl. 167-74.  
Robbins & Myers, Inc.: *See*—  
Chang, Sheldon S. L. 2,733,854.  
Chang, Sheldon S. L. 2,761,082.  
Chang, Sheldon S. L. 2,765,114.  
Ober, Roy. 2,735,554.  
Steele, Ario L. 2,733,910.  
Robbins, Robert R. Accelerators for dry pipe sprinkler systems. 2,731,091, 1-17-56, Cl. 169-17.  
Robbins, Sydney, and H. R. Hunt, to Westinghouse Electric Corp. Oil-soluble phenolic resins and air-drying varnishes prepared therefrom. 2,734,878, 2-14-56, Cl. 260-19.  
Robbins, William K.: *See*—  
Walter, William C. 2,740,253.  
Robbins, William K. Connecting links for chains and the like with two part wedging type limb bracing means. 2,761,275, 9-4-56, Cl. 59-85.  
Robbins, William K. Nut with resilient, biting tooth locking means. 2,765,056, 10-2-56, Cl. 151-37.  
Robbins, William M.: *See*—  
Butker, Frederick G. 2,749,882.  
Robbins, William P.: *See*—  
Knapp, George P., Meyer, Robbins, and Zwack. 2,737,252.  
Robbins, Benjamin, and Gilbert A. Inc. Memorandum device. 2,745,371, 5-15-56, Cl. 116-134.  
Robboy, Nathan. Tension reel for lighting fixtures. 2,756,945, 7-31-56, Cl. 242-107.  
Röben, Karl, to Westfalia Separator A. G. Adjustable milk-churn cups. 2,744,496, 5-8-56, Cl. 119-14.47.  
Robershaw-Fulton Controls Co.: *See*—  
Rice, Harold W., and Derser. 2,761,947.  
Roberson, Israel F. Slip-joint friction seal closure for containers. 2,734,654, 2-14-56, Cl. 220-42.  
Roberson, Willie P. Registering boxing glove. 2,767,920, 10-23-56, Cl. 235-91.  
Robert, Alan A., and R. R. Stoessel, to Coachcraft Ltd. Headrest. 2,765,840, 10-9-56, Cl. 155-177.  
Robert, Albert A., to Arthur S. Brown Mfg. Co. Picker stick check strap for looms and method of making the same. 2,741,273, 4-10-56, Cl. 139-161.  
Robert, Jacques G.: *See*—  
Jacob, Robert M., and Robert. 2,751,413.  
Robert, Jean.: *See*—  
Gailliot, Paul, and Robert. 2,738,349.  
Robert, Marcel.: *See*—  
Payette, Joseph H. C. 2,764,120.  
Robert, Philippe, to Societe Civile d'Etudes de Centrifugation. Apparatus for the production of tubular metallic objects. 2,752,648, 7-3-56, Cl. 22-57.2.  
Robert, Roger A. Aircraft with variable wing arrangement. 2,774,556, 12-18-56, Cl. 244-46.  
Robert-Charrie, Fritz A., to Ebauches S. A. Timepiece movement with jumping second-beating hand. 2,766,578, 10-16-56, Cl. 58-59.  
Robertson, Frederic A.: *See*—  
Watrous, Gilbert A., and Robertson. 2,730,419.  
Robertson, Frederic A. Detachable joint construction. 2,730,388, 10-30-56, Cl. 23-103.  
Robertson, Frederic A., and J. J. Gonsch. Toy top with detachable parts. 2,739,415, 3-27-56, Cl. 46-67.  
Roberts, Albert O. Clutch. 2,743,804, 5-1-56, Cl. 192-48.  
Roberts, Alvin T., Jr.: *See*—  
Thompson, Wallace M., Swint, and Roberts. 2,746,662.  
Roberts, Arlan G.: *See*—  
Keil, Harold I., Harriman, and Roberts. 2,741,575.  
Roberts, Arness and Co.: *See*—  
Arness, William B. 2,764,804.  
Roberts, Bernard E. Snelled hook container. 2,763,957, 9-25-56, Cl. 43-57.5.  
Roberts, Billy W., to Westinghouse Electric Corp. Generator control apparatus. 2,740,087, 3-27-56, Cl. 322-86.  
Roberts, Billy W., to Westinghouse Electric Corp. Generator control apparatus. 2,740,088, 3-27-56, Cl. 322-86.  
Roberts, Bruce, to The International Electronics Co. Magnetic recording machine. 2,743,317, 4-24-56, Cl. 179-100.2.  
Roberts, Carlton E., to Bethlehem Steel Co. Treatment of salt solutions to remove iron. 2,754,174, 7-10-56, Cl. 23-125.  
Roberts, Charles R. Mailbox letter rack. 2,760,721, 8-28-56, Cl. 232-33.  
Roberts, Deering S. Machine for stacking strip shingles. 2,730,302, 1-10-56, Cl. 235-132.  
Roberts, Don, and H. Hockenbury; said Hockenbury assor, to said Roberts. Adjustable partition for cars, trucks and warehouses. 2,772,641, 12-4-56, Cl. 105-369.  
Roberts, Edgar C.: *See*—  
Weiss, Saul, and Roberts. 2,732,766.  
Roberts, Edward A., and P. Goldsmith, to the United States of America as represented by the Secretary of the Army. Apparatus for measuring density or pressure. 2,745,278, 5-15-56, Cl. 73-24.  
Roberts, Edward H., to General Electric Co. Freezing tray. 2,763,997, 9-25-56, Cl. 62-108.5.  
Roberts, Edward S.: *See*—  
McGauley, Patrick J., Schaufelberger, and Roberts. 2,755,172.  
Schaufelberger, Felix A., and Roberts. 2,744,003.  
Roberts, Edward S., and S. Strelzoff, to Chemical Construction Corp. Manufacture of soda ash. 2,737,140, 3-6-56, Cl. 23-63.  
Roberts, Edward S., O. F. Wiedeman, and S. Strelzoff, to Chemical Construction Corp. Catalytic reactor for hydrocarbon production. 2,750,266, 6-12-56, Cl. 23-288.  
Roberts, Edward Y.: *See*—  
Day, Herbert O., and Roberts. 2,765,719.  
Roberts, Ervin E. Knockdown fence unit. 2,766,967, 10-16-56, Cl. 256-22.  
Roberts, Eva E.: *See*—  
Roberts, John T. 2,739,517.  
Roberts, Franklin B., to Package Machinery Co. Method for feeding articles in predetermined quantities. 2,770,392, 11-13-56, Cl. 221-1.  
Roberts, George, to Union Carbide and Carbon Corp. Battery assembly and attachment therefor. 2,768,230, 10-23-56, Cl. 136-173.  
Roberts, Fred T. Fire extinguisher. 2,767,796, 10-23-56, Cl. 169-31.  
Roberts, George. Milk bottle container and carrier. 2,743,836, 5-1-56, Cl. 217-19.  
Roberts, George D., Sr. Tree scarring machine. 2,738,620, 3-20-56, Cl. 47-12.  
Roberts, George R., R. T. Heathcote, and E. J. Lister, to Bowers Development and Research Ltd. Severing means in web feeding machines. 2,768,690, 10-30-56, Cl. 164-68.  
Roberts, George T. Auxiliary support for water skiers. 2,738,525, 3-20-56, Cl. 9-21.  
Roberts-Gordon Appliance Corp.: *See*—  
Warneke, Robert I. 2,772,730.  
Roberts, Graham E., and J. B. Copping, to The Decca Record Co. Ltd. Position indicating apparatus for use with radio navigation systems. 2,769,977, 11-6-56, Cl. 343-112.  
Roberts, Harry E.: *See*—  
Lowe, Wesley G., Jones, and Roberts. 2,739,060.  
Lowe, Wesley G., Jones, and Roberts. 2,743,182.  
Lowe, Wesley G., Jones, and Roberts. 2,743,183.  
Roberts, Ingham S., to American Viscose Corp. Twister tension assembly. 2,738,511, 2-28-56, Cl. 242-149.  
Roberts, James C.: *See*—  
Browning, John W., and Roberts. 2,738,820.  
Roberts, James R., to Weyerhaeuser Timber Co. Manufacture of glazed hardboard. 2,757,114, 7-31-56, Cl. 154-101.  
Roberts, James R., to Weyerhaeuser Timber Co. Process of forming molded cellulose products. 2,759,837, 8-21-56, Cl. 106-200.  
Roberts, John E., and K. Weissenberg, said Roberts assor, to said Weissenberg. Apparatus capable of use for the study of rheological phenomena. 2,752,778, 7-3-56, Cl. 73-60.  
Roberts, John J. Loose jaw chuck. 2,770,462, 11-13-56, Cl. 279-56.  
Roberts, John S., III, to Trans-Trading Corp. Folding rocking chair. 2,741,298, 4-10-56, Cl. 155-56.  
Roberts, John T., deceased; E. E. Roberts, administratrix, to E. E. Roberts and 1/2 to I. C. Matlock. Rotary plow. 2,739,517, 3-27-56, Cl. 97-12.  
Roberts, John T., to Crane Co. Plastometer machine. 2,739,353, 8-21-56, Cl. 73-16.  
Roberts, Joseph H., to Heywood-Wakefield Co. Ash tray. 2,736,320, 2-28-56, Cl. 131-235.  
Roberts, Kenneth L. Forceps for ear-piercing. 2,733,716, 2-7-56, Cl. 128-321.  
Roberts, Kenneth L. Aid for pierced ears. 2,739,596, 3-27-56, Cl. 128-329.  
Roberts, Kenneth S., to Container Corp. of America. Container with telescopic cover. 2,754,046, 7-10-56, Cl. 229-45.  
Roberts, Lawrence M., to Research Corp. Gas cleaning method. 2,730,195, 1-10-56, Cl. 183-121.  
Roberts, Lawrence M., to Research Corp. Electrical precipitation apparatus. 2,756,838, 7-31-56, Cl. 183-7.  
Roberts, Lawrence M., to Research Corp. Electrostatic precipitator. 2,756,839, 7-31-56, Cl. 183-7.



- Roberts, Lawrence M., to Research Corp. Electrical precipitation apparatus. 2,768,535, 8-14-56, Cl. 99—261.
- Roberts, Leonard C. Band saw blades. 2,734,533, 2-14-56, Cl. 143—133.
- Roberts Mfg. Co.: *See*—  
Hill, Harvey J., and Petty. 2,772,474.
- Roberts, Maurice, and G. C. J. Wakefield, to United Shoe Machinery Corp. Sewing machine bobbin preheater attachment. 2,738,580, 2-25-56, Cl. 112—41.
- Roberts, Morris E., 75% to K. W. Lovegren. Electrically operated set works for saw mill carriages. 2,768,662, 10-30-56, Cl. 143—120.
- Roberts, Paul E.: *See*—  
Dorland, Roger M., and Roberts. 2,744,013.
- Roberts, Paul E., to Maeward Couplings, Inc. Swivel coupling for tubing and hose. 2,764,430, 9-25-56, Cl. 285—247.
- Roberts & Porter, Inc.: *See*—  
Lindquist, Jonas T. 2,750,689.
- Roberts, Ray J. D., and A. H. Faulkner, to C. D. Hummel, Sr. Thermostatic switch. 2,745,922, 5-15-56, Cl. 200—116.
- Roberts, Richard B., R. P. Petersen, and C. T. Holliday, to the United States of America as represented by the Secretary of the Navy. Firing error recorder. 2,773,732, 12-1-56, Cl. 98—88.
- Roberts, Richard W.: *See*—  
Green, Wilson P., and Roberts. 2,763,248.
- Roberts, Robert. Retrievable anchor. 2,746,414, 5-22-56, Cl. 114—208.
- Roberts, Roland R., to Farrel-Birmingham Co. Inc. Work tables for boring mills and the like. 2,773,725, 12-11-56, Cl. 308—77.
- Roberts, Roy J. Automatic vehicle washing device. 2,751,915, 6-26-56, Cl. 124—123.
- Roberts, Roy J., 1/2 to J. B. Jarmon, Jr. Fishhook. 2,775,058, 12-26-56, Cl. 44—4.
- Roberts, Roy L., Jr.: *See*—  
Hallberg, Theodore W., Roberts, and Flum. 2,730,705.
- Roberts, Seward M., to American Flange & Mfg. Co., Inc. Locating and ejecting mechanism. 2,755,759, 7-24-56, Cl. 113—50.
- Roberts, Shepard, to General Electric Co. Electroluminescent cell. 2,765,419, 10-2-56, Cl. 313—108.
- Roberts, Virginia T. Divided bed cover. 2,730,728, 1-17-56, Cl. 5—334.
- Roberts, Walter van B.: *See*—  
Burr, Leslie L., Jr., and Roberts. 2,750,567.
- Roberts, Walter van B., to Radio Corp. of America. Magnetostrictive ferrites. 2,736,824, 2-28-56, Cl. 310—26.
- Roberts, Walter van B., to Radio Corp. of America. Magnetostrictive amplifier. 2,738,886, 3-13-56, Cl. 179—171.
- Roberts, Walter van B., to Radio Corp. of America. Mechanical coupling utilizing Poisson's effect. 2,735,467, 3-13-56, Cl. 333—71.
- Roberts, Walter van B., to Radio Corp. of America. Frequency selective coupling system. 2,770,782, 11-13-56, Cl. 333—71.
- Roberts, Willard A.: *See*—  
Moore, Frank J., and Roberts. 2,740,633.
- Roberts, William B., to Sarkes Tarzian, Inc. Method of recovering selenium. 2,737,348, 3-6-56, Cl. 241—24.
- Roberts, William Co., Inc.: *See*—  
Roth, James E. 2,738,061.
- Roberts, William L.: *See*—  
Platte, William N., and Roberts. 2,748,380.
- Roberts, Winston J., to The Goodyear Tire & Rubber Co. Expanded polyvinyl chloride plastic containing wax. 2,744,075, 5-1-56, Cl. 260—2.5.
- Roberts-Haw-Fulton Controls Co.: *See*—  
Coles, Ralph V. 2,774,419.
- Dykzeul, Theodore J., and Schmidt. 2,765,803.
- Fielden, John E. 2,735,052.
- Puster, Louis M. 2,752,095.
- Puster, Louis M. 2,765,984.
- Puster, Louis M. 2,765,985.
- Rice, Harold W., and Vaughn. 2,758,702.
- Russell, William J. 2,754,060.
- Shivers, Paul F. 2,770,699.
- Strobel, Charles K. 2,729,286.
- Watkins, William M., Jr. 2,729,395.
- Weber, Victor, and Russell. 2,757,260.
- Weber, Victor, and Russell. 2,759,071.
- Weber, Victor, and Tyler. 2,774,849.
- Roberts-Horsfield, William C., Jr. Stabilized aircraft seat. 2,740,599, 4-3-56, Cl. 244—122.
- Robertson, Alfred: *See*—  
Mathias, Ernest A. R. 2,773,433.
- Robertson, Amelia M.: *See*—  
Robertson, Reuel R., and A. M. 2,750,775.
- Robertson, Andrew, and A. W. H. Porter, to F. N. F. Ltd. Textile warping machine. 2,738,565, 3-20-56, Cl. 28—39.
- Robertson Development Corp.: *See*—  
Robertson, James L. 2,748,553.
- Robertson, Donald, to Leeds and Northrup Co. Temperature-measuring apparatus. 2,732,416, 1-24-56, Cl. 136—4.
- Robertson, Earl M.: *See*—  
Minsk, Louis M., Van Deusen, and Robertson. 2,751,296.
- Robertson, Earl M., and W. West, to Eastman Kodak Co. Photosensitization of polymers containing cinnamoyl groups. 2,732,301, 1-24-56, Cl. 95—7.
- Robertson, Frank. Mobile wall unit. 2,742,675, 4-24-56, Cl. 20—4.
- Robertson, Frank. Mobile wall unit. 2,752,641, 7-3-56, Cl. 20—4.
- Robertson, Frank H., to Saunders-Roe Ltd. Apparatus for mounting bombs and the like in aircraft. 2,734,705, 2-14-56, Cl. 244—137.
- Robertson, George H., to Bell Telephone Laboratories, Inc. Electrode support for electron discharge device. 2,733,376, 1-31-56, Cl. 313—261.
- Robertson, George H., and E. J. Walsh, to Bell Telephone Laboratories, Inc. Traveling wave electron discharge device. 2,740,068, 3-27-56, Cl. 315—3.5.
- Robertson, George H., and E. J. Walsh, to Bell Telephone Laboratories, Inc. Electron discharge device. 2,750,529, 6-12-56, Cl. 315—3.5.
- Robertson, George H., and E. J. Walsh, to Bell Telephone Laboratories, Inc. Electron discharge devices. 2,763,421, 10-2-56, Cl. 315—3.5.
- Robertson, H. H., Co.: *See*—  
Coffman, Alden W. 2,764,808.
- Curran, Bernard H. 2,739,520.
- Germann, Richard P. 2,729,429.
- Jenkins, Paul W., and Brown. 2,744,589.
- Johnson, Thomas B. 2,750,667.
- Wiesmann, Joseph W. 2,738,892.
- Wiesmann, Joseph W. 2,764,886.
- Robertson, Jackson P. Bearing construction for rotatable valve. 2,732,266, 1-24-56, Cl. 308—19.
- Robertson, Jackson P. Load elevating and transporting attachment for tractors. 2,743,027, 4-24-56, Cl. 214—130.
- Robertson, James A.: *See*—  
Hambrock, Kenneth O., and Robertson. 2,768,979.
- Robertson, James A., to E. J. du Pont de Nemours and Co. Continuous process for making 1,5-pentanediol and tetrahydrofurfuryl alcohol. 2,768,978, 10-30-56, Cl. 260—635.
- Robertson, James L., to Robertson Development Corp. Aircraft lateral control systems. 2,746,553, 5-22-56, Cl. 170—135.24.
- Robertson, James L., to The Frye Corp. Method of operating a propeller-driven aircraft. 2,760,738, 8-28-56, Cl. 244—65.
- Robertson, James M., to The Texas Co. Novel antioxidant and inhibited wax composition. 2,741,563, 4-10-56, Cl. 106—270.
- Robertson, James M., and J. L. Little, to The Texas Co. Separating oil-wax mixtures. 2,730,485, 1-10-56, Cl. 196—18.
- Robertson, John D.: *See*—  
Dean, Walter E. 2,759,324.
- Robertson, John D. Weft-straightening apparatus. 2,742,685, 1-10-56, Cl. 308—19.
- Robertson, John M.: *See*—  
Brown, Edward L., and Robertson. 2,750,749.
- Wyatt, Wilbur E., and Robertson. 2,747,256.
- Robertson, Kenneth W.: *See*—  
Robertson, Robert L., and Robertson. 2,773,551.
- Robertson, Loyd J. Automatic transfer switch control circuit. 2,745,971, 5-15-56, Cl. 307—64.
- Robertson, Mead E. Ventilating attachment. 2,756,564, 7-31-56, Cl. 62—102.
- Robertson, Nat C.: *See*—  
Du Nard, O., Albert, Gardner, and Robertson. 2,769,846.
- Gabbett, James F., Jr., and Robertson. 2,762,834.
- Gardner, James H., Robertson, and Schoenbrunn. 2,775,601.
- Robertson, Otis R.: *See*—  
Ferry, Albert F., and Robertson. 2,737,211.
- Robertson Photo-Mechanix, Inc.: *See*—  
Blatherwick, Delbert T. 2,730,939.
- Robertson, Reuel R. and A. M. Candle and adaptor combinations. 2,750,775, 6-19-56, Cl. 67—22.
- Robertson, Ross E., and D. N. Glew, to National Research Council. Cell holder for a spectrophotometer. 2,744,440, 5-8-56, Cl. 88—14.
- Robertson, Sloan D., to Bell Telephone Laboratories, Inc. Microwave frequency-selective mode absorber. 2,764,743, 9-25-56, Cl. 333—98.
- Robertson, Thomas H. Hoe. 2,752,839, 7-3-56, Cl. 97—66.
- Robertson, William A.: *See*—  
Dodge, Adiel Y., and Robertson. 2,751,055.
- Robertson, William E., to W. H. Miner, Inc. Clutch actuating means for gear driven hand brakes. 2,737,770, 8-7-56, Cl. 192—99.
- Robertson, William E., to W. H. Miner, Inc. Clutch operator. 2,702,225, 9-11-56, Cl. 74—104.
- Robertson-Shersby-Harvie, Robert B., to National Research Development Corp. Wave guide accelerator system. Re. 24,146, 5-1-56, Cl. 250—27.
- Robertson-Shersby-Harvie, Robert B., and J. Dain. Wave guide device for rectangular wave-guides. 2,770,781, 11-13-56, Cl. 333—31.
- Robeson, Charles D.: *See*—  
Benton, Charles H., and Robeson. 2,765,343.
- Benton, Charles H., and Robeson. 2,765,344.
- Robey, Floyd M. Tetrahedral kite and method of making. 2,744,071, 5-8-56, Cl. 244—133.
- Robey, Irvin L.: *See*—  
Robinson, Aaron Z., and Robey. 2,736,774.
- Roble, Norman P., to Electro Refractories & Abrasives Corp. Abrasive bodies. 2,734,812, 2-14-56, Cl. 51—298.
- Robillard, André A., to Compagnie Auxiliaire des Mines. Battery of accumulators and bench for charging this battery. 2,746,002, 5-15-56, Cl. 320—2.
- Robillard, Jean J. A., to Telefonaktiebolaget L M Ericsson. Contact device. 2,758,263, 8-7-56, Cl. 317—235.
- Robin, George. Utility tray and support for attachment to chairs. 2,755,845, 7-24-56, Cl. 155—188.

- Robinette, David A. Single aileron control system for airplanes. 2,738,150, 3-13-56, Cl. 244-90.
- Robinette, Marion L., and W. G. Faw, to Eastman Kodak Co. Warper tension device. 2,735,632, 2-21-56, Cl. 242-150.
- Robinette, Richard T.: See—
- Altman, Peter, and Robinette. 2,741,236.
- Robin Hood Co.: See—
- Heller, Isaac. 2,764,631.
- Heller, Isaac. 2,764,748.
- Robins, A. H., Co., Inc.: See—
- Murphy, Robert. 2,770,649.
- Robins, A. K., & Co., Inc.: See—
- Kibler, Louis E., and Sindall. 2,737,286.
- Robins, Erford E.: See—
- Parker, Humphrey F., and Robins. 2,732,072.
- Robins, Erford E., and H. F. Parker, to Columbus McKinnon Chain Corp. Hoist chain guide and stripper. 2,773,668, 12-11-56, Cl. 254-167.
- Robins, Richard S.: See—
- Brown, Morden G., Robins, and Legan. 2,737,079.
- Robins, Richard S., to American Optical Co. Illuminator for photomicrography. 2,739,228, 3-20-56, Cl. 240-41.3.
- Robins, Roland K.: See—
- Hitchings, George H., and Robins. 2,749,344.
- Hitchings, George H., and Robins. 2,749,345.
- Robins, Samuel D. Endless-belt conveyors. 2,747,726, 5-29-56, Cl. 198-203.
- Robinson, Aaron Z., and I. L. Robey. Sound recording system. 2,736,774, 28-56, Cl. 179-100.1.
- Robinson, Albert.: See—
- Bird, Stanley, and Robinson. 2,769,543.
- Robinson, Antonio E. Air inlet for nursing bottles. 2,753,068, 7-3-56, Cl. 215-11.
- Robinson, Arthur A., C. Williams, and T. Kiburn, to National Research Development Corp. Electronic digital computing machines. 2,772,050, 11-27-56, Cl. 235-61.
- Robinson Brick & Tile Co.: See—
- Peebles, Joseph B. 2,763,049.
- Robinson, Bruce E.: See—
- Hart, Norman E., and Robinson. 2,762,300.
- Robinson, Cecil, and H. E. Hancock, to Tri Foods Co. Paint materials and methods of making the same. 2,739,072, 3-20-56, Cl. 106-253.
- Robinson, Charles A., to Arnold Hoffman & Co., Inc. Water soluble N-methyl polyacrylrolidones, and textiles treated therewith. 2,734,004, 2-7-56, Cl. 117-139.5.
- Robinson, Charles A., to Arnold Hoffman & Co., Inc. Dyeing agents. 2,736,749, 2-28-56, Cl. 260-564.
- Robinson, Charles A., to Shoe Machines Corp. Breast line lasting machines. 2,754,529, 7-17-56, Cl. 12-10-2.
- Robinson, Charles F., to Consolidated Electrodynamics Corp. Method and apparatus for mass separation. 2,752,501, 6-25-56, Cl. 250-41.9.
- Robinson, Charles F., to Consolidated Electrodynamics Corp. Radiological meter. 2,760,080, 8-21-56, Cl. 250-83.6.
- Robinson, Charles F., to Consolidated Electrodynamics Corp. Method and apparatus for ionization of solids. 2,772,363, 11-27-56, Cl. 250-41.9.
- Robinson, Charles F., W. Bell, S. V. Piccirillo, and G. D. Perkins, to Consolidated Electrodynamics Corp. Recording system. 2,772,367, 11-27-56, Cl. 250-41.9.
- Robinson, Charles V., to the United States of America as represented by the Secretary of the Navy. Full reverse roll throat scan horn. 2,761,136, 8-28-56, Cl. 343-72.
- Robinson, Claude L., to Gardner-Denver Co. Feed control device for power operated tools with pressure fluid feed. 2,759,458, 8-21-56, Cl. 121-45.
- Robinson, Denis M., to High Voltage Engineering Corp. Apparatus for sterilizing foods, drugs and other substances by scanning action of high-energy electrons. 2,729,748, 1-3-56, Cl. 250-49.5.
- Robinson, Denis M., to High Voltage Engineering Corp. Method of irradiating streams of liquids, gases, finely divided solids, etc., by continuous beams of high instantaneous ionization density. 2,737,593, 3-6-56, Cl. 250-49.
- Robinson, Dick P., and D. P., Jr. Combination portable and stationary disk roller. 2,729,121, 1-3-56, Cl. 76-89.2.
- Robinson, Dick P., Jr.: See—
- Robinson, Dick P., and D. P., Jr. 2,729,121.
- Robinson, Donald E. Automatic watering control. 2,768,028, 10-23-56, Cl. 299-27.
- Robinson, Eli A. Method of making a valved inflatable article. 2,734,011, 2-7-56, Cl. 154-85.
- Robinson, Eli A. Striking bag and support. 2,740,630, 4-3-56, Cl. 272-77.
- Robinson, Ernest B. Method of making helically wound containers. 2,737,091, 3-6-56, Cl. 93-94.
- Robinson, Ernest B., and P. C. Glasby, said Glasby assor. to said Robinson. Machine for the production of helically wound tubes. 2,734,432, 2-14-56, Cl. 93-80.
- Robinson, Eugene S., A. C. Briestermeister, and B. B. McIner, to the United States of America as represented by the United States Atomic Energy Commission. Mercury bellows pump. 2,775,399, 12-25-56, Cl. 230-85.
- Robinson, Frank E.: See—
- Carlson, Clarence O., Everling, and Robinson. 2,730,791.
- Robinson, Glen P., Jr.: See—
- Wright, Walter W., and Robinson. 2,772,446.
- Robinson, Grant R., and P. T. Trueman, to Old Town Corp. Fluid control for duplicator machine. 2,754,752, 7-17-56, Cl. 101-132.5.
- Robinson, Harold: See—
- Dodd, Clinton R., Hartnett, and Robinson. 2,761,207.
- Robinson, Harris A., to the United States of America as represented by the Secretary of the Air Force. Frequency monitoring arrangement. 2,751,500, 6-19-56, Cl. 250-36.
- Robinson, Harris A., to the United States of America as represented by the Secretary of the Air Force. Frequency control system. 2,754,421, 7-10-56, Cl. 250-36.
- Robinson, Harris A., to the United States of America as represented by the Secretary of the Air Force. Harmonic generator. 2,761,066, 8-28-56, Cl. 250-36.
- Robinson, Harry R., to The Texas Co. Wax compositions inhibited from oxidative deterioration. 2,744,834, 5-8-56, Cl. 106-36.
- Robinson, Helen M.: See—
- Greathouse, Lucien H., Smith, Robinson, and Haydel. 2,744,014.
- Robinson, Herbert T.: See—
- Junglohn, Vernon H., Hanken, and Robinson. 2,750,810.
- Robinson, Jacob G. Valve mechanism. 2,742,028, 4-17-56, Cl. 123-79.
- Robinson, James B.: See—
- Peirce, Thomas H., and Robinson. 2,764,038.
- Robinson, Joseph.: See—
- Solution forming and dispensing device. 2,735,718, 2-21-56, Cl. 299-83.
- Robinson, James E., to American Optical Co. Television receiver having a sound-signal detector electrode in its picture tube. 2,744,954, 5-8-56, Cl. 178-5.8.
- Robinson, James H.: See—
- King, John M., Robinson, Rowe, and Ewart. 2,762,304.
- Robinson, John W., to Fram Corp. Seal for a coalescer. 2,732,077, 1-24-56, Cl. 210-169.
- Robinson, John W., to Fram Corp. Cartridge for removing organic water and solid contaminant from liquid hydrocarbon. 2,739,713, 3-27-56, Cl. 210-164.
- Robinson, John W., and M. R. Souders, to Fram Corp. Apparatus for separating immiscible liquids. 2,757,803, 8-10-56, Cl. 210-184.
- Robinson, Joseph F., and W. A. Webb, to Western Vegetable Industries, Inc. Vacuum cooling apparatus. 2,767,556, 10-23-56, Cl. 62-6.
- Robinson, Joseph N., F. J. L. Miller, and B. McDonnell, to The Consolidated Mining & Smelting Co. of Canada Ltd. Process for the production of melamine. 2,768,168, 10-23-56, Cl. 260-249.7.
- Robinson, Kenneth W., M. W. Green, and G. A. Morton, to Radio Corp. of America. Nuclear radiation measuring instrument. 2,760,513, 6-12-56, Cl. 230-71.
- Robinson, Lawrence N.: See—
- Leslie, John G., and Robinson. 2,733,754.
- Robinson, Leland P., to Electrodata Corp. Tape storage device. 2,734,692, 2-14-56, Cl. 242-74.
- Robinson, Maurice B.: See—
- Petrella, Pasquale, and Robinson. 2,750,578.
- Robinson, Norman W., to Hartford National Bank and Trust Co., as trustee. Travelling wave tube. 2,758,241, 8-7-56, Cl. 315-3.5.
- Robinson, Norman W., A. Turpie, and H. Hutchinson, to Hartford National Bank and Trust Co., as trustee. Travelling wave tube. 2,757,310, 7-31-56, Cl. 315-3.5.
- Robinson Office Fitting Co.: See—
- Muff, Oliver W. 2,743,742.
- Robinson, Preston.: See—
- Peck, David B., and Robinson. 2,735,970.
- Peck, David B., and Robinson. 2,740,732.
- Peck, David B., and Robinson. 2,764,718.
- Robinson, Preston, to Sprague Electric Co. Process of producing reduced glass resistance elements. 2,743,196, 4-24-56, Cl. 117-227.
- Robinson, Preston, to Sprague Electric Co. Catalyst. 2,755,236, 7-17-56, Cl. 204-10.
- Robinson, Preston, to Sprague Electric Co. Resistance elements and compositions and methods of making same. 2,767,280, 10-16-56, Cl. 201-75.
- Robinson, Preston, and D. B. Peck, to Sprague Electric Co. Electrical condenser and method of making it. 2,738,453, 9-23-56, Cl. 258-258.
- Robinson, Preston, and D. B. Peck, to Sprague Electric Co. Electrical condensers. 2,749,490, 6-5-56, Cl. 317-258.
- Robinson, Preston, and E. D. O'Brien, to Sprague Electric Co. Process and apparatus for growing single crystals. 2,754,259, 7-10-56, Cl. 204-192.
- Robinson, Ralph L., to Imperial Chemical Industries Ltd. Catalysts for the hydration of olefines and dehydration of alcohols. 2,769,847, 11-6-56, Cl. 260-641.
- Robinson, Richard A.: See—
- Cusic, John W., and Robinson. 2,752,385.
- Robinson, Richard A., to G. D. Searle & Co. 3,4-dihydro-2-quinoxalines and processes for the production thereof. 2,758,996, 8-14-56, Cl. 260-251.
- Robinson, Ronald R., to Caterpillar Tractor Co. Engine control mechanism. 2,747,426, 5-29-56, Cl. 74-507.
- Robinson, Rowland N., to The Robinson Thread Co. Bobbin having a controlled unwinding. 2,732,817, 1-31-56, Cl. 112-251.
- Robinson, Samuel A.: See—
- Stinemann, Jacob W., Jr., and Robinson. 2,751,529.
- Robinson, Thomas, and W. J. Foy, to Essoldo Circuit (Control) Ltd. Actuation of electromagnet relay means, particularly for the projection of cinematograph films. 2,765,429, 10-2-56, Cl. 315-340.
- Robinson Thread Co., The: See—
- Robinson, Rowland N. 2,732,817.



- Robinson, Vincent S.: *See*—  
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- Robinson, William A.: *See*—  
McLaughlin, George H., and Robinson. 2,746,009.
- Robinson, William D., to E. I. du Pont de Nemours and Co. Polyvinyl acetate cement compositions. 2,733,995, 2-7-56, Cl. 106-90.
- Robinson, William H. Float. 2,767,506, 10-23-56, Cl. 43-44.95.
- Robinson, William J.: *See*—  
Marshall, William E., and Robinson. 2,748,845.
- Robinson, William T., to Universal Oil Products Co. Treatment of fuel oil with an alkyl pyrrole. 2,744,051, 5-1-56, Cl. 196-23.
- Robison, Edwin E. Vacuum cleaner head attachment. 2,737,680, 9-13-56, Cl. 15-246.
- Robison, Harold E., and L. Catallo, to Wheel Trueing Tool Co. Metal bonded abrasive wheel and method of making the same. 2,766,565, 10-16-56, Cl. 51-206.
- Robison, Samuel E.: *See*—  
Wilson, Howard L., Robison, and Smith. 2,775,537.
- Robison, Samuel B., to Esso Research and Engineering Co. Cement for adhesion of isobutylene-diolefin polymers to fibers. 2,754,239, 7-10-56, Cl. 154-140.
- Robitschek, Paul, and D. E. Stormon, to Hooker Electrochemical Co. Methylpolychloro fatty acid esters stabilized with epoxidized fatty oil and compositions thereof with polyvinyl resins. 2,731,431, 1-17-56, Cl. 260-23.
- Robitschek, Paul, and C. T. Bean, Jr., to Hooker Electrochemical Co. Polyhalogen containing alpha substituted alkylene succinic acids and anhydrides. 2,752,361, 6-26-56, Cl. 260-346.6.
- Robledano, Pablo, to The Coconut Processes Inc. Method of extracting oil from mature, fresh coconut meats. 2,742,487, 1-17-56, Cl. 206-412.
- Robley, Arthur C., 49% to E. J. Oleniczak, and 51% to F. J. Kaczorek, Motor moisture filter and fume control. 2,731,958, 1-24-56, Cl. 123-119.
- Robot Appliances, Inc.: *See*—  
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- Robot, Berning u. Co.: *See*—  
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- Robotron Corp.: *See*—  
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- Rockafellow, Stuart C. 2,731,594.
- Rockafellow, Stuart C. 2,739,281.
- Rockafellow, Stuart C. 2,761,967.
- Thomsen, Theodore R. 2,768,289.
- Robson, Aubrey H., to American Air Filter Co., Inc. Overheat safety control operating means. 2,762,223, 9-11-56, Cl. 14-2.
- Robson, Homer L., and W. H. Sheltmire, to Olin Mathieson Chemical Corp. Process of bleaching during laundering. 2,733,120, 1-31-56, Cl. 8-137.
- Robson, John H., III. Method of making hydroxylamine perchlorate. 2,768,874, 10-30-56, Cl. 23-85.
- Robson, John P., to Dalmas Ltd. Surgical dressings. 2,750,942, 6-19-56, Cl. 128-156.
- Robson, Stanley, and L. J. Derham, to Metallurgical Processes Ltd. and The National Smelting Co. Ltd., carrying on business together under the name of Metallurgical Development Co. Condenser used in zinc production. 2,760,770, 8-28-56, Cl. 266-15.
- Roby, Horace H. Water scooter. 2,744,267, 5-8-56, Cl. 9-1.
- Roby, John W., Jr., and M. C. Snoddy, said Roby assignor to said Snoddy. Control circuit for sensing electrical resistance. 2,737,615, 3-6-56, Cl. 317-141.
- Roby, Sheldon S., and C. Ferry, to The Stanley Works. Four plate mat switch. 2,773,148, 12-4-56, Cl. 200-86.
- Rocard, Yves A. Voltage regulators. 2,765,439, 10-2-56, Cl. 323-86.
- Rocca, Julius P., and A. C. Henn, to Esso Research and Engineering Co. Lubricating oil additive having improved copper corrosion properties. 2,769,782, 11-6-56, Cl. 252-42.7.
- Rocha, Eivor A. Valve lock replacer. 2,742,689, 4-24-56, Cl. 29-249.
- Roche, Arthur F.: *See*—  
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- Roche, Clifton R. Transmission. 2,747,431, 5-29-56, Cl. 765.
- Roche, Melvin E., and L. K. Jackson, to The Harvard Mfg. Co. Bedframe support leg. 2,772,424, 12-4-56, Cl. 5-176.
- Rochdale, Leopold A. Fine adjustments for dial indicators and the like. 2,733,035, 1-31-56, Cl. 248-124.
- Rochelle, William T. Automatic choke for shot guns. 2,771,693, 11-27-56, Cl. 42-79.
- Rochester Button Co.: *See*—  
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- Rochester Mfg. Co., Inc.: *See*—  
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- Hastings, Warren W. 2,774,939.
- Rochestie, Barnett B. Closure means for cylindrical containers. 2,737,291, 3-6-56, Cl. 206-52.
- Rochford, Patrick J., and R. Z. Hague, to Rockwell Mfg. Co. Meter. 2,735,408, 2-21-56, Cl. 121-68.
- Rochon, Robert W., to Monarch Logging Co., Inc. Gas logging of wells. 2,745,282, 15-56, Cl. 73-153.
- Rochon, Robert W., to Monarch Logging Co., Inc. Method for measuring gas in cores. 2,749,220, 6-5-56, Cl. 23-230.
- Rock, Frank C., and A. E. Mann, to Technicolor Motion Picture Corp. Prism assembly and method of manufacture. 2,754,718, 7-17-56, Cl. 88-1.
- Rock, Frank C., Jr.: *See*—  
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- Kelly, Donald H., and Rock. 2,771,055.
- Rock, Frank C., Jr., to Technicolor Motion Picture Corp. Method of making optical prism. 2,737,076, 3-6-56, Cl. 88-1.
- Rock, George L. Chirographic table with adjustable auxiliary table section. 2,753,233, 7-3-56, Cl. 311-7.
- Rock, Ronald H. Key assembly. 2,738,668, 3-20-56, Cl. 70-456.
- Rockafellow, Stuart C., to Robotron Corp. Multiple phase control system. 2,730,657, 1-10-56, Cl. 315-146.
- Rockafellow, Stuart C., to Robotron Corp. Phase shifting device for three phase. 2,731,594, 1-17-56, Cl. 323-119.
- Rockafellow, Stuart C., to Robotron Corp. Device for controlling the rise and decay of an electric current. 2,739,281, 3-20-56, Cl. 323-18.
- Rockafellow, Stuart C. to Robotron Corp. Timing relay. 2,761,967, 9-4-56, Cl. 250-27.
- Rockett, Jack, to Arnold, Hoffman & Co., Inc. Acetylated hydroxy derivatives of fatty acids. 2,764,604, 9-25-56, Cl. 260-405.
- Rockey, Albert E. Beverage mixer. 2,756,974, 7-31-56, Cl. 259-110.
- Rockoff, Machine Tool Co.: *See*—  
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- Rock Hill Printing & Finishing Co.: *See*—  
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- Faulkner, Hugh B., Jr., Davis, and Feindel. 2,754,796.
- Feindel, George P. 2,752,851.
- Rocklin, Albert L.: *See*—  
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- Rocklin, Isadore J. Pushcart-type adjustable rotary saw for timber moving. 2,733,739, 2-7-56, Cl. 143-43.
- Rockney, Elton S., to Union Special Machine Co. Adjustable eccentric for sewing machines. 2,749,860, 6-12-56, Cl. 112-210.
- Rockoff, Joseph, to The Dayton Rubber Co. Light-weight foam rubber cushioning structure. 2,748,399, 6-5-56, Cl. 5-348.
- Rockoff, Joseph, to The Dayton Rubber Co. Textile cot. 2,763,033, 9-18-56, Cl. 19-143.
- Rockoff, Joseph, to The Dayton Rubber Co. Non-skid rubber product. 2,766,800, 10-16-56, Cl. 152-211.
- Rockoff, Joseph, to The Dayton Rubber Co. Laminated articles such as pneumatic tires. 2,766,801, 10-16-56, Cl. 152-354.
- Rockoff, Joseph, to The Dayton Rubber Co. Textile cot. 2,773,288, 12-11-56, Cl. 19-143.
- Rockoff, Joseph, to The Dayton Rubber Co. Picker stick checking apparatus. 2,775,264, 12-25-56, Cl. 139-161.
- Rockoff, Joseph, and D. A. Meyer, to The Dayton Rubber Co. Porous rubber products such as printing members and the like, and method for manufacture of the same. 2,763,208, 9-1-56, Cl. 37-167.
- Rockola, David C., to Rock-Ola Mfg. Corp. Wall box structure. 2,748,973, 6-5-56, Cl. 220-18.
- Rock-Ola Mfg. Corp.: *See*—  
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- Rockstrom, Leonard: *See*—  
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- Saco, Felix, and Rockstrom. 2,743,879.
- Saco, Felix, and Rockstrom. 2,751,164.
- Rockwell, Edward A. Rotary fluid displacement device and mechanism therefor. 2,758,648, 8-14-56, Cl. 103-128.
- Rockwell, Francis H., to Diamond Alkali Co. Electrolytic cell. 2,742,420, 4-17-56, Cl. 204-266.
- Rockwell, Fredrick W., to Continental Can Co., Inc. Slitter for forming body blanks from sheets. 2,775,336, 12-25-56, Cl. 198-34.
- Rockwell, Harvey W., to Allis-Chalmers Mfg. Co. Earth mover power steering mechanism. 2,742,100, 4-17-56, Cl. 180-79.2.
- Rockwell, Harvey W., to Allis-Chalmers Mfg. Co. Apron and ejector construction for carry type scraper. 2,759,276, 7-21-56, Cl. 37-126.
- Rockwell Laboratories, Inc.: *See*—  
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- Rockwell Mfg. Co.: *See*—  
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- McGay, John B., and Spore. 2,773,642.
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- Reibig, Eric A. 2,773,395.
- Rochford, Patrick J., and Hague. 2,735,408.
- Schutz, Ewald. 2,773,525.
- Schutz, Ewald, and Butzin. 2,773,524.
- Taylor, William S. 2,758,617.
- Thoresen, Einar. 2,764,901.
- Thoresen, Einar. 2,769,571.
- Rockwell Register Co.: *See*—  
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- Rockwell, Ronald J., to Crosley Broadcasting Corp. High fidelity amplifier. 2,763,732, 9-18-56, Cl. 179-171.
- Rockwell, Ronald J., to Crosley Broadcasting Corp. Device for automatically governing dynamic level range in audio frequency circuits. 2,768,249, 10-23-56, Cl. 179-171.

- Rockwell Spring and Axle Co. : *See—*  
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 Buckendale, Lawrence R. 2,763,160.  
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 Rockwood, Albert M., J. E. Ballmer, and C. H. May, to The Murray Corp. of America. Power transmission control. 2,731,849, 1-24-56, Cl. 7—472.  
 Rockwood Sprinkler Co. : *See—*  
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 Rodinet, Henri. Odometer. 2,775,406, 12-25-56, Cl. 235—97.  
 Rodin, John T. Toothbrush and paste dispenser assembly. 2,733,722, 2-7-56, Cl. 132—84.  
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 Scott, Lawrence B., Nixon, and Roddick. 2,763,617.  
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 Rode, Ludwig, to Kurt Korber & Co. K. G. Methods and apparatus for inserting filter substances in mouthpieces for cigarettes, cigars, and the like. 2,735,345, 2-21-56, Cl. 93—77.  
 Rodenacker, Wolf, to Farbenfabriken Bayer Aktiengesellschaft. Apparatus for maintaining liquids at a constant level in a tank. 2,762,390, 9-11-56, Cl. 137—394.  
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 Rodentini Aktiebolag : *See—*  
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 Röder, Hugo L., and G. Hennemann, to American Enka Corp. Method for the manufacture of cellulose-reinforced rubber articles. 2,746,897, 3-22-56, Cl. 154—136.  
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 Rodgers, George F., to Eastman Kodak Co. Process for preparing monochlorohydroquinone. 2,748,173, 5-29-56, Cl. 260—623.  
 Rodgers, George F., to Eastman Kodak Co. Process for the preparation of monoterfityl butyl-p-hydroxy anisole. 2,759,980, 8-21-56, Cl. 260—613.  
 Rodgers, George V. Three dimensional radar indicator. 2,751,688, 6-19-56, Cl. 343—112.  
 Rodgers, Nelson E., R. G. Henika, and R. E. Miersch, to Western Condensing Co. Whipping products and process of manufacture. 2,765,232, 10-2-56, Cl. 99—57.  
 Rodgers, Ralph W. : *See—*  
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 Rodgers, Warren : *See—*  
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 Rodoni, Francis F. Knife sharpener. 2,770,153, 11-13-56, Cl. 76—89.1.  
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 Rodth, Joseph J. Liquid metering and dispensing device. 2,739,632, 3-27-56, Cl. 222—136.  
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- Roeser, John O., to Electro-Snap Switch & Mfg. Co. Electric switches of the snap-action type. 2,750,463, 6-12-56, Cl. 200-67.
- Roessler, Heinrich G. F., to Daimler-Benz Aktiengesellschaft. Winch for motor vehicles. 2,766,966, 10-16-56, Cl. 254-166.
- Roessler, Heinrich G. F., to Daimler-Benz Aktiengesellschaft. Device for anchoring a road vehicle. 2,772,754, 12-4-56, Cl. 188-4.
- Roessler, Robert B., to Bray Chemical Co. Manufacturing hydrocarbon sulfonates. 2,739,982, 3-27-56, Cl. 260-504.
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- Goodrich, John V., and Roether. 2,769,528.
- Roetger, Richard C., to St. Regis Paper Co. Method and apparatus for heat sealing closure tapes to containers. 2,749,966, 6-12-56, Cl. 154-1.6.
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- Roger, Albert J. Sectional trellis structure. 2,763,096, 9-18-56, Cl. 47-45.
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- Rogers, Anthony and A. C. 2,754,613.
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- Rogers, Cecil C. Pick shaft stop. 2,760,523, 8-28-56, Cl. 139-147.
- Rogers, Cyril B., to Bell Aircraft Corp. Rotary wing aircraft propulsion system mounting. 2,739,769, 3-27-56, Cl. 244-127.11.
- Rogers, Dilworth T., and J. P. McDermott, to Esso Research and Engineering Co. Stabilization of sulfurized hydrocarbons. 2,738,344, 3-13-56, Cl. 260-139.
- Rogers, Dilworth T., C. J. Bitzer, and H. W. Rudel, to Esso Research and Engineering Co. Production of stable fuel oil. 2,739,051, 3-20-56, Cl. 44-78.
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- Rogers, Don A. Combination casket and burial vault. 2,736,083, 2-28-56, Cl. 27-35.
- Rogers, Douglas C. Weed cutter blades for the end sections of cultivator rotors. 2,737,871, 3-13-56, Cl. 97-212.
- Rogers, Douglas C., to International Standard Electric Corp. Electron discharge devices. 2,749,476, 6-5-56, Cl. 315-38.
- Rogers, Edmund: See—
- Stetz, Robert J., and Rogers. 2,731,436.
- Rogers, Edmund, to The Engine Parts Mfg. Co. Method of stabilizing sprayable paints. 2,736,665, 2-28-56, Cl. 106-190.
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- Rogers, Edward F., and J. P. Conbere, to Merck & Co., Inc. Hydrocortisone tertiary-butylacetate and processes for preparing the same. 2,736,733, 2-28-56, Cl. 260-397.45.
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- Rogers, Ernest H. Web protecting air shield attachment for drawing frames. 2,737,692, 3-13-56, Cl. 19-150.
- Rogers, Ervin, and Al Schmitz. Power mower with wheel raising and lowering means. 2,730,374, 1-10-56, Cl. 280-44.
- Rogers, George A., Sr., to Western Electric Co., Inc. Lift truck and trailer therefor. 2,756,963, 7-31-56, Cl. 254-10.
- Rogers, Gerald L. Fluid-proofed switch. 2,740,024, 3-27-56, Cl. 200-168.
- Rogers, Gordon F., to Radio Corp. of America. Automatic gain control circuits. 2,760,059, 8-21-56, Cl. 250-20.
- Rogers, Gordon R.: See—
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- Rogers, Harlan N., 50% to H. J. Carnes. Fishing device. 2,746,197, 5-22-56, Cl. 43-15.
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- Rogers, Joseph N. Animal trap auxiliary guard thumb catch. 2,772,510, 12-4-56, Cl. 43-96.
- Rogers, Judson M.: See—
- Kleiber, Donald J., Oshinski, and Rogers. 2,766,808.
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- Rogers, Leonard M., to Draper Corp. Cloth roll support means for looms. 2,746,489, 5-22-56, Cl. 139-304.
- Rogers, Leonard M., to Draper Corp. Cloth roll. 2,746,693, 5-22-56, Cl. 242-74.
- Rogers, Levant C. Sponge mop with variably spaced wringer rollers. 2,729,840, 1-10-56, Cl. 15-119.
- Rogers, Mack. Frame straightening tool. 2,750,983, 6-19-56, Cl. 153-48.
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- Rogers, Roy C. Rotary vineyard hoers. 2,748,679, 6-5-56, Cl. 97-37.
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- Rogers, Seatedwick, C., and K. J. Harwood, to Kimberly-Clark Corp. Coated web product and method of making same. 2,772,181, 11-27-56, Cl. 117-9.
- Rogers, Thomas H., Jr., J. D. D'Ianni, and R. M. Pierson, to The Goodyear Tire & Rubber Co. Foamed rubber latex sponge containing polybutadiene and natural rubber. 2,753,311, 7-8-56, Cl. 260-2.5.
- Rogge, Edmund A., and W. A. Roehm. Doctor blade and mounting for rotogravure printing machines. Re. 24,161, 6-5-56, Cl. 101-157.
- Rogge, Glenn A.: See—
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- Woolfeisen, Joseph, Schieck, Schulze, and Roggenbau. 2,761,802.
- Roggenburger, Leon S. Ribbon re-inker. 2,760,464, 8-28-56, Cl. 113-259.
- Roggenburger, Earl G. Rotary fluid motor. 2,762,340, 9-9-56, Cl. 121-34.
- Rogie, James M., to Bell Telephone Laboratories, Inc. Electrical connector. 2,755,452, 7-17-56, Cl. 339-196.
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- Rogneby, Hawkin H., to Power Brake Parts Mfg. Co. Pneumatic actuator with automatic pressure unloading device. 2,752,890, 7-8-56, Cl. 121-38.
- Rogner, Ernst, and J. Steichele, to SKF Kugellagerfabriken Gesellschaft mit beschränkter Haftung. Bearing unit for spindles of spinning frames and twisting frames. 2,750,239, 6-12-56, Cl. 308-228.
- Rogoff, Louis. Cable cutter. 2,745,178, 5-15-56, Cl. 30-245.
- Rogoff, Louis. Battery cable terminal. 2,755,454, 7-17-56, Cl. 339-231.
- Rogoff, Mortimer, to McDermott Controls, Inc. Electrical instruments. 2,769,121, 10-30-56, Cl. 317-132.
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- Rogosin, Lionel, to Beaunit Mills, Inc. Flame resistant fabric. 2,741,108, 4-10-56, Cl. 66-194.
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- Jansen, Jacob E., and Roha. 2,759,003.
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- Wiegman, Clarence H., King, Rickenbach, and Rohm. 2,764,247.
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- Rohm & Haas Co. m. b. H. : *See*—  
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- Rohrert, Frederick W. Apparatus for weed killing and seed sowing. 2,754,622, 7-17-56, Cl. 47-1.
- Rohowetz, Stanley E. : *See*—  
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- Rohrbach, Gilson H., to California Research Corp. Method and apparatus for preventing corrosion in oil wells. 2,760,584, 8-28-56, Cl. 166-243.
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- Roise, Harold E., to Chrysler Corp. Clutch. 2,757,769, 8-7-56, Cl. 291-91.
- Roisard, Fernando C., to Airkem, Inc. Boxes or containers. 2,766,068, 10-9-56, Cl. 299-24.
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- Rolfson, Stanley T. : *See*—  
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- Roll, Frederick J., 50% to E. R. Dayton. Capsule sealing and marking apparatus. 2,738,827, 3-20-56, Cl. 154-42.
- Roll, William G. : *See*—  
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- Rolladenfabrik A. Griesser A.-G. : *See*—  
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- Rolland, Calvin C. : *See*—  
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- Rolland, Guy F., L. A. Shoener, and A. A. Young, to Atlas Powder Co. Electric explosion initiators. 2,739,535, 3-27-56, Cl. 102-28.
- Rolland, Robert J. A. : *See*—  
 Haubourdin, Fernand U., and Rolland. 2,763,347.
- Rollat, Germain : *See*—  
 Youssoufian, Ara, and Rollat. 2,759,378.
- Roll-Brite Corp. : *See*—  
 Benedict, Clarence W. 2,758,362.
- Roller, Wilfred L., to Wilmot Engineering Co. Method and apparatus for gravity separation of coal and other minerals. 2,738,069, 3-13-56, Cl. 209-172.5.
- Roller Bearing Co. of America : *See*—  
 Barr, Victor L., and Herrmann. 2,765,203.  
 Barr, Victor L., Herrmann, and Henwood. 2,765,202.
- Rolliflke, Friedrich, to Schwarzkopf Development Corp. Production of electrical switch contact elements. 2,737,708, 3-13-56, Cl. 29-155.55.
- Roll, Wanda H., Hancock, and E. Klett, to Robert Bosch G. m. b. H. Hair cutting machine having a vibrating armature drive. 2,759,114, 8-14-56, Cl. 310-29.
- Rollings, Ernest J., to Northern Engineering & Machine Corp. Cable-traversing trolley carriages. 2,730,047, 1-10-56, Cl. 105-133.
- Rollins, Albert W. Pumping apparatus for sprayers. 2,741,511, 4-10-56, Cl. 299-97.
- Rollins, Eugene C., 1/2 to J. W. McCollum. Chain carrier. 2,743,005, 4-24-56, Cl. 198-197.
- Rollins, Fred W. : *See*—  
 Hanse, Albert B., and Rollins. 2,767,928.
- Rollins, Jackson H. : *See*—  
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- Rollins, Katharine B., and M. L. Novelty utility article. 2,769,550, 11-6-56, Cl. 211-11.
- Rollins, Lester G., to Joy Mfg. Co. Pin lock for pivoted link chain. 2,749,763, 6-12-56, Cl. 74-254.
- Rollins, Mark L. : *See*—  
 Rollins, Katharine B., and M. L. 2,769,550.
- Rollman, Walter F. : *See*—  
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- Rollo, John A. Method of waving hair. 2,765,795, 10-9-56, Cl. 132-7.
- Roll-O-Matic Chain Co. : *See*—  
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- Roll-Rite Corp. : *See*—  
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- Rolls-Royce Ltd.: *See*—  
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 Davies, David O., Morley, and Ivens. 2,742,755.  
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- Ro-Matic Corp.: *See*—  
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- Rolph, Donald L.: *See*—  
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- Rolph, Donald L., to Friden Calculating Machine Co., Inc.  
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- Romaine, Lloyd W. Fishing line sinker. 2,753,652, 7-10-56, Cl. 43-43.1.
- Roman, Frank. Animal trap. 2,748,526, 6-5-56, Cl. 43-60.
- Romani, Riccardo. Word forming toy. 2,749,626, 6-12-56, Cl. 35-35.
- Roman, Anthony J.: *See*—  
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- Romanowski, Albert F., and L. A. Weinecke, to Bowser, Inc. Magnetic flow meter. 2,770,130, 11-13-56, Cl. 73-194.
- Romans, William E.: *See*—  
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- Romatowski, Edward J.: *See*—  
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- Rombach, James C.: *See*—  
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- Rome Cable Corp.: *See*—  
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- Romeijn, Cornelis J.: *See*—  
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- Romeo, Benjamin B. Golf gloves. 2,751,598, 6-26-56, Cl. 2-161.
- Romer, Jan A., to Potter & Brumfield. Miniature relay. 2,744,978, 5-8-56, Cl. 200-87.
- Romera, Manuel. Centrifugal type ore pulverizer with explosion prevention means. 2,749,052, 6-5-56, Cl. 241-31.
- Romeyn, Frans C.: *See*—  
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- Romig, Robert G., to General Motors Corp. Air register. 2,750,866, 6-19-56, Cl. 98-108.
- Romine, Joseph C. Clothes washing machine with oscillating tub. 2,742,772, 4-24-56, Cl. 68-23.
- Romine, Paul W., and Armstrong, ¼ to C. Leitchub. Hydraulic step drilling unit. 2,736,296, 2-28-56, Cl. 121-45.
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- Rommel, Frederick E.: *See*—  
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- Romney, Van Dyke: *See*—  
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- Romney, Andrew J., and C. E. Monin. Keyhole illuminator. 2,767,303, 10-10-56, Cl. 240-2.13.
- Ronagra Etablissement: *See*—  
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- Ronai, Steve: *See*—  
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- Ronan, Lerne F. Metal cutting saw. 2,730,792, 1-17-56, Cl. 29-95.
- Ronan, William J., to Gar Wood Industries, Inc. Control for power take-off. 2,761,322, 9-4-56, Cl. 74-15.86.
- Ronay, Bela. Pressure welding by induction heating. 2,730,599, 1-10-56, Cl. 219-4.
- Ronci, Victor L.: *See*—  
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- Rondeau, Herbert F., and E. H. Dahlberg, to American Meter Co., Inc. Gas meter casing. 2,765,658, 10-9-56, Cl. 73-274.
- Rondello, Joseph. Fishing casting float plate. 2,747,319, 5-29-56, Cl. 43-43.13.
- Rondholz, Fritz. Air purifying device. 2,765,046, 10-2-56, Cl. 183-4.
- Rongen, Jacobus J., and A. G. W. Uijtens, to Hartford National Bank and Trust Co., as trustee. Neutralizing circuit-arrangement for amplifying high-frequency oscillations. 2,773,135, 12-4-56, Cl. 179-171.
- Ronjan, John, and L. Waage. Peeling tool. 2,768,437, 10-30-56, Cl. 30-121.
- Ronk, George T., to Barnard & Leas Mfg. Co., Inc. Folding conveyor for elevating grader. 2,742,140, 4-17-56, Cl. 198-115.
- Ronk, George T., to Barnard & Leas Mfg. Co., Inc. Folding conveyors. 2,744,615, 5-8-56, Cl. 198-115.
- Ronneck, Heinrich R., to Imperial Chemical Industries Ltd. Apparatus for determining the vapour pressure of volatile liquids. 2,764,017, 9-25-56, Cl. 73-53.
- Ronning, Adolph. Vehicle suspension with adjustable and castorable tandem wheels. 2,764,421, 9-25-56, Cl. 280-104.5.
- Ronning, Adolph. Skid contraction in vehicle wheel suspensions. 2,764,425, 9-25-56, Cl. 280-432.
- Ronning, Adolph. Differential. 2,775,141, 12-25-56, Cl. 74-711.
- Ronning, Martin: *See*—  
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- Ronson Corp.: *See*—  
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- Ronvold, Svend M., and R. T. Stern. Machine for grinding concrete ceilings. 2,755,606, 7-24-56, Cl. 51-180.
- Roods, John F., to Fairchild Camera and Instrument Corp. Portable rubbing machine assembly. 2,775,076, 12-25-56, Cl. 51-170.
- Rook, James A. Liquid level control reservoir. 2,751,928, 6-26-56, Cl. 137-453.
- Rooke, Kermit V.: *See*—  
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- Rooks, Howard B., to Collins Radio Co. Indicating system. 2,755,458, 7-17-56, Cl. 340-332.
- Rooks, Howard B., to Capehart-Farnsworth Co., a division of International Telephone and Telegraph Corp. Time delay space charge device. 2,774,008, 12-11-56, Cl. 315-21.
- Room, David N. Guitar keyboard. 2,744,433, 5-8-56, Cl. 84-315.
- Room-Temp Lockers, Inc.: *See*—  
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- Rooney, William J.: *See*—  
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- Roop, Nathan W., to Columbus Plastic Products, Inc. Molded fly swatter. 2,736,129, 2-28-56, Cl. 43-137.
- Roop, Nathan W., to Columbus Plastic Products, Inc. Receptacle for bakery products. 2,736,452, 2-28-56, Cl. 220-55.
- Roop, Robert W.: *See*—  
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- Roop, William B. Apparatus for aerating and agitating milk. 2,760,765, 8-28-56, Cl. 261-121.
- Roos, Charles J. Window sashes. 2,757,420, 8-7-56, Cl. 20-55.
- Roos, Joe, Jr.: *See*—  
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- Roosa, Vernon D. Governor controlled metering valve for fuel pumps. 2,742,888, 4-24-56, Cl. 123-140.
- Roosa, Vernon D. Metering valve for fuel pump. 2,746,442, 5-2-56, Cl. 123-139.
- Roodsdorp, Hermanus J.: *See*—  
 Rathenau, Gerhart W., Roodsdorp, and Cluwen. 2,756,595.
- Roodsdorp, Hermanus J., to Hartford National Bank and Trust Co., as trustee. Device for proportional electric control. 2,755,421, 7-17-56, Cl. 318-29.
- Roosbooth, Augustus: *See*—  
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- Root, Albert B., 3rd., to E. I. du Pont de Nemours and Co. Process and apparatus for producing monovinyl acetylene. 2,759,985, 8-21-56, Cl. 260-678.
- Root, Jeanne. Sitz bath stool or chair. 2,762,057, 9-11-56, Cl. 4-8.
- Root Lowell Mfg. Co.: *See*—  
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- Root, Robert J. Taps for dancing shoes. 2,746,175, 5-22-56, Cl. 36-8.3.
- Rope, Barto W.: *See*—  
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- Roper, Alec N.: *See*—  
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- Roper Associates, Inc.: *See*—  
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- Roper, Geo. D. Corp.: *See*—  
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- Batten, Webster R., and Hadden. 2,775,204.
- Cotton, Robert H., and Rorabaugh. 2,774,671.
- Crone, Albert H. 2,745,480.
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- Hollman, Peter I. 2,751,976.
- Lundgren, John L. 2,733,758.
- Lundgren, John L. 2,733,761.
- Lundgren, John L., and McCamant. 2,733,760.
- McCamant, Leonard H. 2,733,759.
- Mosbacher, Bruce H. 2,745,355.
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- Roper, John H., to Roper Associates, Inc. Electrical precipitators. 2,773,827, 12-11-56, Cl. 204-305.
- Roper, Walter F., to Savage Arms Corp. Carrier latch construction for repeating firearms. 2,765,557, 10-9-56, Cl. 42-17.

- Roper, Walter F., and F. J. Wright, to Savage Arms Corp. Cartridge magazine and latch construction for repeating firearms. 2,765,558, 10-9-56, Cl. 42-18.
- Roper, Walter F., and F. J. Wright, to Savage Arms Corp. Trigger mechanism for bolt action firearms. 2,765,562, 10-9-56, Cl. 42-69.
- Roper, Walter F., and F. J. Wright, to Savage Arms Corp. Receiver recoil plate construction for shotguns and the like. 2,765,563, 10-9-56, Cl. 42-75.
- Ropeways Ltd.: See—
- Foster, John W., 2,763,361.
- Ropiequet, Richard L., to Tektronix, Inc. Gated sweep generator. 2,769,904, 11-6-56, Cl. 250-27.
- Ropiequet, Richard L., to Tektronix, Inc. Sweep circuit. 2,769,905, 11-6-56, Cl. 250-27.
- Ropiequet, Richard L., and C. H. Moulton, to Tektronix, Inc. Method of magnifying waveforms on a cathode-ray tube and circuit therefor. 2,752,527, 6-26-56, Cl. 315-26.
- Röpke, Willi. Mechanism for driving tape-shaped sound record carriers. 2,745,690, 5-22-56, Cl. 242-54.
- Rorabaugh, Guy O.: See—
- Cotton, Robert H., and Rorabaugh. 2,774,671.
- Daniels, Robert M., Maudru, and Rorabaugh. 2,744,840.
- Rorden, Henry C., to Bell Telephone Laboratories, Inc. Automatic curvy follower. 2,744,225, 5-1-56, Cl. 318-32.
- Rorig, Kurt J., to G. D. Searle & Co. 5-thienylidene derivatives of creatinine. 2,729,648, 1-3-56, Cl. 260-309.7.
- Rorig, Kurt J., to G. D. Searle & Co. Nuclearily hydroxylated derivatives of  $\alpha,\beta$ -diphenylalkanonitriles. 2,740,806, 4-3-56, Cl. 260-465.
- Rorig, Kurt J., to G. D. Searle & Co.  $\alpha,\beta$ -diaryl substitution products of  $\alpha$ -alkanonitriles. 2,745,866, 5-15-56, Cl. 260-465.
- Rorig, Kurt J., to G. D. Searle & Co. Polyalkoxy and polyalkoxyloxy derivatives of  $\alpha,\beta$ -diphenylalkanonitriles and their preparation. 2,745,870, 5-15-56, Cl. 260-479.
- Rorig, Kurt J., to G. D. Searle & Co. 6-furyl and 6-thienyl derivatives of 4-trifluoromethyl-2-pyrimidinamines. 2,748,119, 5-29-56, Cl. 260-256.4.
- Rorig, Kurt J., to G. D. Searle & Co. 6-nitroaryl derivatives of 2-amino-4-pyrimidines. 2,748,121, 5-29-56, Cl. 260-256.4.
- Rorig, Kurt J., to G. D. Searle & Co. Ar'-cyanomethyl chalcones and their synthesis. 2,755,299, 7-17-56, Cl. 260-465.
- Rorig, Kurt J., to G. D. Searle & Co. Hydroxylated phenyl derivatives of  $\beta$ -(carboxyphenyl) acrylonitriles. 2,766,271, 10-9-56, Cl. 260-465.
- Rorig, Kurt J., to G. D. Searle & Co.  $\alpha,\beta$ -bis(hydroxyphenyl) alkanones and methods for their production. 2,768,210, 10-23-56, Cl. 260-590.
- Rorig, Kurt J., to G. D. Searle & Co. Halophenyl-hydroxyphenyl-alkanonitriles. 2,768,963, 10-30-56, Cl. 260-465.
- Rorig, Kurt J., to G. D. Searle & Co.  $\alpha$ -hydroxyphenyl- $\beta$ -alkoxyphenyl and  $\beta$ -hydroxyphenyl acrylonitriles and derivatives thereof. 2,774,782, 12-18-56, Cl. 260-465.
- Rorig, Kurt J., and T. R. Nicholson, to G. D. Searle & Co. 4-hydroxy-5-alkyl-6-arylpyrimidine derivatives. 2,740,785, 4-3-56, Cl. 260-256.4.
- Roß, Mirko R.: See—
- Kirkenmaier, Max, Brandestini, Roß, and Vogt. 2,728,978.
- Roß, Mirko R. Production of prestressed building elements. 2,745,164, 5-15-56, Cl. 25-118.
- Rosano, Oscar E., to The New York Air Brake Co. Motor. 2,738,774, 3-20-56, Cl. 91-92.
- Rosamilla, Peter L.: See—
- Harvey, Mortimer T., and Rosamilla. 2,766,218.
- Rosan, Joseph. Insert and reduced diameter locking ring therefor. 2,742,074, 4-17-56, Cl. 151-41.73.
- Rosan, Joseph. Insert with removable liner. 2,754,882, 7-17-56, Cl. 151-41.73.
- Rosander, Judge E.: See—
- Stinson, John H., Jr., and Rosander. 2,768,029.
- Rosbach, Lloyd C. Fence post driver. 2,742,258, 4-17-56, Cl. 254-29.
- Rosback, F. P. Co.: See—
- Miller, John W. 2,739,810.
- Rösch, Georg, to Farbenfabriker Bayer Aktiengesellschaft. Vestibules of the phthalocyanine series and their production. 2,744,914, 4-8-56, Cl. 260-314.5.
- Rösch, Georg, W. Wolf, and H. Vollmann, to Farbenfabriken Bayer Aktiengesellschaft. Process for the production of isoindolenine derivatives. 2,739,151, 3-20-56, Cl. 260-250.
- Rösch, Georg, W. Wolf, and H. Vollmann, to Farbenfabriken Bayer Aktiengesellschaft. Process for the production of isoindolenine derivatives. 2,739,153, 3-20-56, Cl. 260-319.
- Rösch, Georg, W. Wolf, and H. Vollmann, to Farbenfabriken Bayer Aktiengesellschaft. Process for the production of isoindolenine derivatives. 2,752,346, 6-26-56, Cl. 260-247.1.
- Roschke, Erwin M., to Zenith Radio Corp. Coding apparatus for television transmitters. 2,752,415, 6-26-56, Cl. 178-5.1.
- Roschke, Erwin M., to Zenith Radio Corp. Subscription television system. 2,752,488, 6-26-56, Cl. 250-27.
- Roschko, Joseph: See—
- Desperak, Sam, Roschko, and Desmond. 2,730,055.
- Desperak, Sam, Roschko, and Desmond. 2,737,133.
- Rose, Albert, to Radio Corp. of America. Photocells. 2,736,848, 5-28-56, Cl. 317-235.
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- Kay, James A., and Rose. 2,768,492.
- Rose, Allen S. Carton filler. 2,747,848, 5-29-56, Cl. 53-63.
- Rose, Allen S. Arranging apparatus for cans and similar containers. 2,763,359, 9-18-56, Cl. 198-30.
- Rose, Allen S. Carton filler. 2,765,603, 10-9-56, Cl. 53-63.
- Rose, Archde D. Fusee or flare holder. 2,773,662, 12-11-56, Cl. 236-69.
- Rose, Benjamin and S. Lightproof tank for film reeling apparatus. 2,733,645, 2-7-56, Cl. 95-96.
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- Rose, Donald H., and G. H. Dawson, to Calumet & Hecla, Inc. Production of cuprous cyanide from alkaline metal. 2,733,131, 1-31-56, Cl. 23-79.
- Rose, Downs & Thompson: See—
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- Rose, Eustace L. Circuit closing means for an electrically operated garage door. 2,752,449, 6-26-56, Cl. 200-85.
- Rose, Frank J., to Powers-Samas Accounting Machines Ltd. Printing machines. 2,739,534, 3-27-56, Cl. 101-360.
- Rose, Harold E.: See—
- Hughes, Edwin L., and Rose. 2,737,584.
- Rose, Harold E.: See—
- Butler, Robert P. 2,742,233.
- Rose, Harold J.: See—
- Ernst, John L., and Rose. 2,772,255.
- Rose, Harry E., and H. J. Woll, to Radio Corp. of America. Difference circuit. 2,762,010, 9-4-56, Cl. 323-4.
- Rose, Howard K., and P. S. Bloudford, to Axelson Mfg. Co., Division of Pressed Steel Car Co., Inc. Fluid actuated pump. 2,729,941, 1-10-56, Cl. 60-52.
- Rose, James D.: See—
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- Rose, John E. Twin bin hopper construction. 2,737,315, 3-6-56, Cl. 222-77.
- Rose, John E., and M. F. Kollmann. Crankshaft position indicator. 2,734,477, 2-14-56, Cl. 116-124.
- Rose, Joseph K. Cabinet. 2,759,178, 8-14-56, Cl. 340-369.
- Rose, Leslie: See—
- Wrens, John H., Rose, and Wale. 2,750,780.
- Rose, Milton P., and J. E. A. Stone. Composition of matter for removing abrading substances from exfoliated vermiculite and process of using same. 2,747,734, 5-29-56, Cl. 209-173.
- Rose, Ralph: See—
- Harnan, Cameron G., and Rose. 2,744,001.
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- Rose, Samuel: See—
- Rose, Benjamin and S. 2,733,645.
- Rose, Thomas A., to Bondor Ltd. Corset bones. 2,756,435, 7-31-56, Cl. 2-255.
- Rose, Werner P. Cloth treating calendar. 2,739,397, 3-27-56, Cl. 38-58.
- Rose, Werner P. Tipping attachment for cloth embossing machines. 2,774,328, 12-18-56, Cl. 118-44.
- Rosebrook, Guy L., to E. R. Giffin, d. b. a. Giffin Aluminum Products Co. Metal surround. 2,742,120, 4-17-56, Cl. 189-75.
- Rosebrook, Orel L., to True-Trace Corp. Hydraulic control system for duplicating tools. 2,743,584, 5-1-56, Cl. 60-97.
- Rosebrough, Richard L.: See—
- Wunderwald, Leon E., and Rosebrough. 2,730,150.
- Rosecrans, Ernest E. Sr. Stocking clamping garter. 2,729,825, 1-10-56, Cl. 2-312.
- Roselund, Harold A., to C. W. Harwin, Inc. Fluid gun. 2,772,031, 11-27-56, Cl. 222-324.
- Roseman, Leo. Method of stitching fastener tape for forming fastener sections. 2,746,412, 5-22-56, Cl. 112-262.
- Roseman, Leo and R. J. Pocket section of a head and pocket fastener. 2,759,193, 8-21-56, Cl. 2-265.
- Roseman, Leo and R. J. Fastener for garments and the like. 2,759,194, 8-21-56, Cl. 2-265.
- Roseman, Michael. Chime signal device. 2,757,633, 8-7-56, Cl. 116-141.
- Roseman, Richard J.: See—
- Roseman, Leo and R. J. 2,759,193.
- Roseman, Leo and R. J. 2,759,194.
- Rosen, Bernard A. Safety guards for cribs or play pens. 2,732,569, 1-31-56, Cl. 5-331.
- Rosen, Bernard A. Disposable tooth brush. 2,732,576, 1-31-56, Cl. 15-137.
- Rosen, Leonard J.: See—
- White, Blanche B., Moelter, and Rosen. 2,775,584.
- Rosen, Leonard J., A. J. Pikor, and B. B. White, to Celanese Corp. of America. Organic acid esters of cellulose. 2,740,776, 4-3-56, Cl. 260-227.
- Rosen, Louis. Plug type fishing lure. 2,733,535, 2-7-56, Cl. 43-423.33.
- Rosen, Martin. Holders. 2,736,455, 2-28-56, Cl. 220-23.
- Rosen, Marvin R., to Argo Metal Products, Inc. Head board bracket. 2,734,303, 2-14-56, Cl. 5-285.
- Rosen, Murray. Collapsible stand for umbrellas and the like. 2,753,879, 7-10-56, Cl. 135-47.
- Rosen, Raymond, Engineering Products, Inc.: See—
- Tarca, Edward L., and Varallo. 2,747,093.
- Rosen, Ward P.: See—
- Duval, Clayborne A., Jr., and Rosen. 2,754,253.
- Rosen, William E.: See—
- Kriesman, Sanford S., and Rosen. 2,749,920.



- Rosenbaum, Harry S., to The Eastern Venetian Blind Co. Drapery fixture. 2,745,488, 5-15-56, Cl. 160-844.
- Rosenbaum, Harry S. Venetian blind assembly machine. 2,769,223, 11-6-56, Cl. 29-24.5.
- Rosenbaum, Jacob. Circuit and method for producing standard voltages. 2,759,150, 8-14-56, Cl. 324-98.
- Rosenbaum "Q-B-KL" Parking Co. See—  
Theibault, Albert R. 2,751,093.
- Rosenbaum, Werner: See—  
Doorn, Maxwell, and Rosenbaum. 2,775,220.
- Rosenberg, Alex: See—  
Stone, Alfred, Rosenberg, and Hillman. 2,757,379.
- Rosenberg, Charles B., to Tripart Products, Inc. Ventilators. 2,738,124, 3-13-56, Cl. 230-114.
- Rosenberg, Charles B., to Burroughs Adding Machine Co. Carriage opening mechanism. 2,758,694, 8-14-56, Cl. 197-128.
- Rosenberg, David S.: See—  
Maude, Aylmer H., and Rosenberg. 2,742,506.
- Rosenberg, Ernst S.: See—  
Rosenberg, Jacob P., K. F., and E. S. 2,768,887.
- Rosenberg, Gerhard. Calculating apparatus. 2,732,130, 1-24-56, Cl. 235-71.
- Rosenberg, Jacob P., K. F., and E. S. Abrasives. 2,768,887, 10-30-56, Cl. 51-309.
- Rosenberg, Karl F.: See—  
Rosenberg, Jacob P., K. F., and E. S. 2,768,887.
- Rosenberg, Lawrence, and R. B. Lewthwaite, to International Telephone and Telegraph Corp. Radiant heat detector. 2,753,420, 7-3-56, Cl. 200-137.
- Rosenberg, Paul, to Simpla Research and Mfg. Co. Card filing device. 2,767,873, 9-11-56, Cl. 129-16.
- Rosenberg, Philip J. Automatic photographic processor. 2,764,074, 9-25-56, Cl. 95-89.
- Rosenberg, Samuel: See—  
Lipschutz, Frank K., and Rosenberg. 2,748,396.
- Rosenberg, Sidney: See—  
Davis, Harry, and Rosenberg. 2,754,512.
- Rosenberger, Albert J., to Republic Flow Meters Co. Fluid pressure relays. 2,729,223, 1-3-56, Cl. 137-85.
- Rosenberger, Albert J., to Republic Flow Meters Co. Regulators. 2,738,771, 3-20-56, Cl. 121-41.
- Rosenberger, Albert J., and F. R. Alex, to Republic Flow Meters Co. Temperature compensated transmitter. 2,732,849, 1-31-56, Cl. 137-85.
- Rosenberger, George D. Gouging tool. 2,770,878, 11-20-56, Cl. 30-280.
- Rosenberger, Joseph J. Support for clotheslines. 2,734,640, 2-14-56, Cl. 211-119.17.
- Rosenberger, Joseph S., to General Motors Corp. Governor for hydraulically controlled automatic transmission. 2,762,384, 9-11-56, Cl. 137-51.
- Rosenberger, Maurice S., to General Motors Corp. Transmission control system. 2,766,639, 10-16-56, Cl. 74-472.
- Rosenthal, Carl: See—  
Lockman, Carl J. 2,734,565.
- Simmons, Torsten M. G. 2,769,411.
- Rosenthal, Donald N.: See—  
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- Rosenthal, Edgar F., to Baker & Co., Inc. Purification of commercial hydrogens. 2,747,970, 5-29-56, Cl. 23-210.
- Rosenthal, Murray: See—  
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- Rosenthal, William: See—  
Fain, Jacob M., Hewitt and Rosenthal. 2,731,353.
- Rosenblum, R. K. Coin operated liquid controller. 2,746,589, 5-22-56, Cl. 194-13.
- Rosenbloom, William J., to Chemical Construction Corp. Mercury type, caustic, chlorine cell. 2,749,301, 6-5-56, Cl. 204-251.
- Rosenblum, Lester A. Wheel alignment gauge. 2,729,896, 11-10-56, Cl. 33-203.18.
- Rosenbrook, Roy, to True-Trace Corp. Tracer mechanism. 2,753,145, 7-3-56, Cl. 251-3.
- Rosener, Harold J. Aggregate discharge spout for dump trucks. 2,764,450, 9-25-56, Cl. 298-7.
- Rosenfeld, Saul, to the United States of America as represented by the United States Atomic Energy Commission. Manufacture of uranium tetrachloride. 2,733,124, 1-31-56, Cl. 23-14.5.
- Rosengrant, Richard V.: See—  
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- Rosenheim, David J., to Lapin Products, Inc. Molded plastic string instrument. 2,743,844, 5-1-56, Cl. 84-305.
- Rosenholtz, Joseph L., and D. T. Smith, to Rensselaer Polytechnic Institute. Method for determining the fatigue endurance limit of solids, especially metals. 2,729,096, 1-3-56, Cl. 73-15.6.
- Rosenkranz, George: See—  
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- Djerassi, Carl, Miramontes, and Rosenkranz. 2,774,777.
- Djerassi, Carl, and Rosenkranz. 2,735,855.
- Djerassi, Carl, and Rosenkranz. 2,767,109.
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- Djerassi, Carl, and Rosenkranz. 2,773,079.
- Djerassi, Carl, Rosenkranz, and Miramontes. 2,759,951.
- Djerassi, Carl, Sondheimer, and Rosenkranz. 2,753,342.
- Djerassi, Carl, Sondheimer, and Rosenkranz. 2,756,244.
- Sondheimer, Franz, Djerassi, Rosenkranz, and Mancera. 2,751,379.
- Sondheimer, Franz, and Rosenkranz. 2,759,930.
- Sondheimer, Franz, and Rosenkranz. 2,763,670.
- Rosenkranz, George, J. Pataki, and C. Djerassi, to American Syntex Inc. Process for preparation of allopregnane-3 $\beta$ , 17 $\alpha$ -diol-11,20-dione and esters thereof and intermediates thereof. 2,733,240, 1-31-56, Cl. 260-239.55.
- Rosenkranz, George, and C. Djerassi, to Syntex S. A. Cyclopentanophenanthrene compounds and method for preparation thereof. 2,773,073, 12-4-56, Cl. 260-397.3.
- Rosenkranz, George, and C. Djerassi, to Syntex S. A. Pregnane-11 $\alpha$ , 17 $\alpha$ -diol-3,20-diones, esters thereof and process. 2,773,837, 12-11-56, Cl. 260-397.45.
- Rosendun, Gordon T.: See—  
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- Wright, Ansel J., and Rosendun. 2,763,205.
- Rosenquist, Carl E. Combined currycomb and grooming device for removing hair from animals. 2,758,767, 3-20-56, Cl. 119-30.
- Rosengvist, Gunnar. Apparatus for making tubing continuously by electrodeposition. 2,756,205, 7-24-56, Cl. 204-209.
- Rosenstein, Ludwig: See—  
Gorin, Manuel H., and Rosenstein. 2,750,361.
- Gorin, Manuel H., and Rosenstein. 2,773,858.
- Gorin, Manuel H., and Rosenstein. 2,774,752.
- Rosenstein, Ludwig, to Texaco Development Corp. Catalyst and process for preparation of vinyl chloride. 2,730,555, 1-10-56, Cl. 260-656.
- Rosenstein, Ludwig, and M. H. Gorin. Method of tin plating and activated fatty oil composition therefor. 2,746,884, 5-22-56, Cl. 117-114.
- Rosenstock, David: See—  
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- Rosenthal, Daniel. Disposable waste receptacle. 2,774,531, 12-2-56, Cl. 219-53.
- Rosenthal, Fritz, to Nashua Corp. Coated paper suitable for stylus inscription and method of making the same. 2,739,909, 3-27-56, Cl. 117-161.
- Rosenthal, Hyman, and S. Lipson, to the United States of America, as represented by the Secretary of the Army. Investment casting of metals. 2,758,936, 8-14-56, Cl. 106-38.35.
- Rosenthal, Joseph F.: See—  
Mayo, Clyde R., Crumrine, and Rosenthal. 2,771,002.
- Rosenthal, Julian B. Die for forming folded, angular or corners on leather or the like. 2,742,775, 4-24-56, Cl. 69-1.
- Rosenthal, Louis A., to the United States of America as represented by the Secretary of the Navy. Sine-cosine generator. 2,764,657, 9-25-56, Cl. 201-355.
- Rosenthal, Robert, to Industrial Instruments, Inc. Apparatus for measuring moisture of soil. 2,729,099, 1-3-56, Cl. 73-73.
- Rosenthal, Robert, to Industrial Instruments, Inc. Combination conductivity and temperature indicator. 2,764,892, 10-2-56, Cl. 73-344.
- Rosenthal, Samuel. Method and apparatus for shade marking. 2,756,992, 7-31-56, Cl. 270-1.
- Rosenthal, William, to Lyndard of California, Inc. Reflector lamp. 2,744,192, 5-1-56, Cl. 240-81.
- Rosenthal, William, to Maiden Form Brassiere Co., Inc. Girdle panty garter belt. 2,763,008, 9-18-56, Cl. 2-33.
- Rosenthal, William, Brassiere. 2,763,010, 9-18-56, Cl. 2-42.
- Rosenthal, William, and E. Silvani, to Maiden Form Brassiere Co., Inc. Brassiere. 2,764,761, 10-2-56, Cl. 2-42.
- Rosenwald, Robert H.: See—  
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- Rosenzvaig, Jay E., to the United States of America as represented by the Secretary of the Army. Sideband-noise versus carrier responsive squelch system for frequency modulation receiver. 2,761,964, 9-4-56, Cl. 250-20.
- Rosenzweig, Philip, to Triangle Specialties Inc. Drapery supports. 2,770,299, 11-13-56, Cl. 160-348.
- Roseveare, William E., to E. I. du Pont de Nemours and Co. Heat resistant polyamide structure. 2,733,162, 1-31-56, Cl. 117-31.
- Rosewall, Roger D. Housed motorized pulley. 2,771,268, 11-20-56, Cl. 254-175.3.
- Rosgen, William, to D'Arrigo Bros. Co. of California. Method and apparatus for dispensing fertilizers to irrigation water. 2,756,854, 7-31-56, Cl. 47-3.
- Roshkind, Allan I., to A. B. Dick Co. Method of manufacturing imaged hectograph spirit master. 2,769,391, 11-6-56, Cl. 101-149.4.
- Rosin, Jacob, to Montrose Chemical Co. Process for production of 2,2-disubstituted propanediols (1, 3). 2,761,881, 9-4-56, Cl. 260-635.
- Rosin, Seymour, to Scorpion, Inc. Microscope-illumination device. 2,738,708, 3-20-56, Cl. 88-40.
- Rosinski, Bill: See—  
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- Roske, Milton H., to United Shoe Machinery Corp. Seam pressing and taping machines. 2,736,047, 2-28-56, Cl. 12-59.5.
- Rosner, Armin. Therapeutically active compositions containing amphetamine. 2,748,052, 5-29-56, Cl. 167-55.
- Rosner, George J.: See—  
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- Ross, Alfred: See—  
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- Ross, Alfred A. Automatic heat control system with warm-up period. 2,744,688, 5-8-56, Cl. 236-46.

- Ross, Aylmer O., to The National Electroform Mold Co. Electrolytic apparatus. 2,771,415, 11-20-56, Cl. 204-238.
- Ross, Charles. *See*
- Bash, Irwin J., and Ross. 2,764,485.
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- Hoogstoel, Leon E., and Ross. 2,744,624.
- Ross, Cornelius A.: *See*
- Morvey, Anton A. 2,750,278.
- Ross, Delmar G., to Henry J. Kaiser Co. Internal combustion engine. 2,749,888, 6-12-56, Cl. 123-59.
- Ross, Donald V., to Eastman Kodak Co. Nitrating aromatic hydrocarbons with only nitric acid. 2,739,174, 3-20-56, Cl. 260-645.
- Ross, Douglas H., and T. J. McGonigle, to Allied Chemical & Dye Corp. Frozen nitrogen tetroxide-hydrocarbon explosives. 2,759,418, 6-12-56, Cl. 102-24.
- Ross, Edgar. *See*
- Pickering, motion for a loom. 2,771,098, 11-20-56, Cl. 139-138.
- Ross, Eli, 5% to R. C. Sullivan. Double bunk bed construction. 2,774,976, 12-25-56, Cl. 5-9.
- Ross, Elmer R., to Kelsey-Hayes Wheel Co. Self-energizing parking brake. 2,741,334, 4-10-56, Cl. 188-74.
- Ross, Fred A.: *See*
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- Ross, Gerald R. Retractable vehicle lamp. 2,737,575, 3-6-56, Cl. 240-.
- Ross, Harold D., Jr., and C. E. Frizzell, to International Business Machines Corp. Electronic counter. 2,734,684, 2-14-56, Cl. 235-92.
- Ross, Harold M.: *See*
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- Ross, Harold M., and R. Cowen, to Century Engineering Co. Device for spiral stitching. 2,730,974, 1-17-56, Cl. 112-2.
- Ross, Harry P., to E. I. du Pont de Nemours & Co. Method of forming titanium coating on refractory body. 2,746,888, 6-22-56, Cl. 117-221.
- Ross, Harry J.: *See*
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- Ross, Howard M. Basketball goal. 2,735,680, 2-21-56, Cl. 273-15.
- Ross, Howard S. Two speed transmission gear mechanism. 2,772,576, 12-4-56, Cl. 74-337.
- Ross, Hugh N., to American Instrument Co., Inc. Multistation condition-responsive alarm system. 2,730,703, 1-10-56, Cl. 340-213.
- Ross, Hugh N., to American Instrument Co., Inc. Reversible mechanism. 2,772,584, 12-4-56, Cl. 74-812.
- Ross, Ira G.: *See*
- Olmsted, Elizabeth P., Francis, and Ross. 2,770,164.
- Ross, J. O., Engineering Corp.: *See*
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- Ross, James H., to Pulp and Paper Research Institute of Canada. Production of cellulose pulp. 2,749,240, 6-5-56, Cl. 92-7.
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- Ross, Jewel G. Hand control for steering aircraft on land or in air. 2,746,698, 5-22-56, Cl. 241-50.
- Ross, John, to Colgate-Palmolive Co. Non-sapon detergent compositions. 2,731,422, 1-17-56, Cl. 292-161.
- Ross, Karl F. Scanning method and television system using same. 2,752,421, 6-26-56, Cl. 178-6.8.
- Ross, Karl F. High-frequency signaling system. 2,752,484, 6-26-56, Cl. 250-13.
- Ross, Karl F. Radio location system. 2,774,065, 12-11-56, Cl. 343-9.
- Ross, Malcolm D., to Westinghouse Electric Corp. Oriented-steel starter-cores. 2,774,000, 12-11-56, Cl. 310-216.
- Ross, Milburn M. Fastener with pivoted rod engaging dogs. 2,744,436, 5-8-56, Cl. 85-36.
- Ross, Olive D.: *See*
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- Ross, Orrin E. Tank filler cap. 2,772,809, 12-4-56, Cl. 220-55.
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- Ross, Ralph C., and L. A. Safford, to The New York Air Brake Co. Air brake. 2,729,515, 1-3-56, Cl. 303-22.
- Ross, Robert D. Fluid separator. 2,754,970, 7-17-56, Cl. 210-61.
- Ross, Robert S., to Goodyear Aircraft Corp. Convertible aircraft. 2,736,514, 2-28-56, Cl. 244-15.
- Ross, Roy A.: *See*
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- Ross, Sidney D., to Sprague Electric Co. Electrolytic device. 2,759,131, 4-1-56, Cl. 317-230.
- Ross, Sidney D., to Sprague Electric Co. Electrolytic capacitor. 2,759,132, 8-14-56, Cl. 317-230.
- Ross, Sidney D., and I. Kuntz, to Sprague Electric Co. Dielectric compositions. 2,734,035, 2-7-56, Cl. 252-63.7.
- Ross, Sidney D., and W. M. Allison, to Sprague Electric Co. Dielectric materials. 2,757,141, 7-31-56, Cl. 252-63.7.
- Ross, Stuart T.: *See*
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- Ross, Thomas D. Baby chairs. 2,750,989, 6-19-56, Cl. 153-126.
- Ross, Walter S.: *See*
- Mills, John K., and Ross. 2,740,845.
- Ross, Wayne M., to Minneapolis-Honeywell Regulator Co. Echo system for determining nature of sea bottom. 2,735,999, 2-21-56, Cl. 340-3.
- Ross, Wayne M., to Minneapolis-Honeywell Regulator Co. Underwater ultrasonic detecting systems. 2,759,783, 8-21-56, Cl. 340-8.
- Ross, Wayne M., to Minneapolis-Honeywell Regulator Co. Multiple sector search sonars. 2,767,386, 10-16-56, Cl. 340-6.
- Ross, William C., and A. W. Niconchuk, to W. R. Grace & Co. Method of cleaning textile print wash blankets. 2,747,506, 5-29-56, Cl. 101-424.
- Ross, William M. Predetermined counter control for container filling system. 2,759,633, 8-21-56, Cl. 222-32.
- Ross, William C. D. Window structure. 2,768,412, 10-30-56, Cl. 20-70.
- Rousseau, Leon B., to Ajax Electric Co. Aluminizing. 2,751,311, 6-19-56, Cl. 117-52.
- Rossell, William T., to Transit Research Corp. Track brake assembly. 2,730,193, 1-10-56, Cl. 188-41.
- Rossell, William T., to Transit Research Corp. Differentially acting bolster control. 2,737,126, 3-6-56, Cl. 105-187.
- Rossell, William T., to Transit Research Corp. Lateral motion damping device. 2,743,681, 5-1-56, Cl. 105-183.
- Rossell, William T., to Transit Research Corp. Friction damping device. 2,743,919, 5-1-56, Cl. 267-9.
- Rossell, William T., to Transit Research Corp. Street railway truck. 2,749,849, 6-12-56, Cl. 105-193.
- Rossell, William T., to Transit Research Corp. Truck bolster and snubbers therefor. 2,756,692, 7-31-56, Cl. 105-193.
- Rossell, William T., to Transit Research Corp. Pedestal guide assembly. 2,774,312, 12-18-56, Cl. 105-224.
- Rosser, Charles M., and W. O. Brillhart, to American Viscose Corp. Method for producing pellicles, films, and sheets. 2,770,053, 11-13-56, Cl. 34-12.
- Rosser, Charles M., and W. O. Brillhart, to American Viscose Corp. Method for producing pellicles, films, and sheets. 2,770,015, 11-13-56, Cl. 13-57.
- Rossetto, Louis, to Mergenthaler Linotype Co. Typographical composing machine. 2,736,424, 2-28-56, Cl. 199-30.
- Rossetto, Louis, to Mergenthaler Linotype Co. Typographical casting machines. 2,748,600, 5-22-56, Cl. 199-53.
- Rossetto, Louis, to Mergenthaler Linotype Co. Process of distributing machines. 2,774,463, 12-18-56, Cl. 199-11.
- Rosshelm, David B., and U. Jelinek, to The M. W. Kellogg Co. Hard coated composite and method of forming. 2,755,199, 7-17-56, Cl. 117-17.
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- Matter, Max, Rossi, and von Sprecher. 2,769,838.
- Rossi, Athos D.: *See*
- Mott, John H. 2,741,766.
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- Tube conduit system for boilers and the like. 2,746,432, 5-22-56, Cl. 122-360.
- Rossi, Giovanni. Apparatus for hydrolyzing cellulosic materials. 2,760,849, 8-28-56, Cl. 23-260.
- Rossi, Irving, to Continuous Metalcast Co., Inc. Method for the continuous casting of metal. 2,743,494, 5-1-56, Cl. 22-200.1.
- Rossi, Paul. Cushion tire construction. 2,745,461, 5-15-56, Cl. 152-312.
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- Lacy, Roy, McClintock, and Rossier. 2,762,104.
- Rossini, Elmer H., to Monsanto Chemical Co. Treatment of textile fibers. 2,730,790, 1-17-56, Cl. 28-75.
- Rossini, Elmer H., to Monsanto Chemical Co. Process of dyeing acrylonitrile fibers. 2,746,836, 5-22-56, Cl. 8-55.
- Rossire, Francis H. S., to Bendix Aviation Corp. Turn controller for automatic pilot systems. 2,736,517, 2-28-56, Cl. 244-77.
- Rossiter, William T., and C. C. Currie, to Dow Corning Corp. Stabilized and rust inhibited polymeric organosilicon compositions. 2,742,368, 4-17-56, Cl. 106-10.
- Rossman, Edwin E., to General Motors Corp. Self-centering cushioning device. 2,765,034, 3-6-56, Cl. 188-94.
- Rossmann, Peter F., and K. Rath, to Hupp Corp. Window regulating device. 2,771,789, 11-27-56, Cl. 74-623.
- Rossmore, Albert G. Handle for screw drivers or the like. 2,775,276, 12-25-56, Cl. 145-61.
- Rossumme, Raymond H.: *See*
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- Rossum, Robert T., to Continental Folding Paper Box Co., Inc. Collapsible partitions for cartons and the like. 2,741,417, 4-10-56, Cl. 229-42.
- Rossum, Robert T., to Continental Folding Paper Box Co., Inc. Cartons having easels thereon. 2,765,906, 10-9-56, Cl. 206-45.26.
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- Roth, Adrian W., to General Electric Co. Electric protective device.** 2,760,121, 8-21-56, Cl. 317—12.
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- Roth, Barbara, to American Cyanamid Co. Salts of substituted pteridines and method of preparing the same.** 2,737,514, 3-6-56, Cl. 260—251.5.
- Roth, Curt B., to Hercules Powder Co. New oxycelluloses and preparation thereof.** 2,758,111, 8-7-56, Cl. 260—212.
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- Roth, James E., to William Roberts Co., Inc. Display card.** 2,738,061, 3-6-56, Cl. 206—79.
- Roth, Morris, to Esso Research and Engineering Co. Pellet impact reaming apparatus.** 2,743,086, 4-24-56, Cl. 255—73.
- Roth, Robert I., to International Business Machines Corp. Selective film control for card punch.** 2,746,549, 5-22-56, Cl. 115—15.
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- Roth, Robert I., to International Business Machines Corp. Methods and apparatus for measuring angular movement.** 2,741,756, Cl. 340—206.
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- Rothacker, Francis N., to Modern Plastic Machinery Corp. Electronic temperature control device.** 2,760,046, 8-21-56, Cl. 219—20.
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- Roth, William L. Ice cube machine.** 2,733,577, 2-7-56, Cl. 62—107.
- Rothenberg, Eldon P. Irrigation weir.** 2,763,992, 9-25-56, Cl. 61—29.
- Rothermale, Jerome H., to Quixel Products Co., Inc. Portable shoe shining kit.** 2,738,537, 3-20-56, Cl. 15—258.
- Rotherham, Oswald. Apparatus and methods for increasing well production.** 2,742,091, 4-17-56, Cl. 166—40.
- Rothermel, Edward M., and E. B. Waddell, Jr., to The Dayton Rubber Co. Method of making corrugated flexible conduits.** 2,766,806, 1-16-56, Cl. 154—4.
- Rothuss, George A. Window assembly.** 2,762,088, 9-11-56, Cl. 20—55.
- Rothgart, Albert: See—**  
 Rabinovitch, Benjamin, and Rothgart., 2,769,486.
- Rothlein, Bernard J., to Sylvania Electric Products Inc. High conduction diode.** 2,762,957, 9-11-56, Cl. 317—236.
- Rothlein, Bernard J., and F. A. Stahl, to Sylvania Electric Products Inc. Electrical translator and methods.** 2,773,925, 12-11-56, Cl. 136—89.
- Rothman, Max I., to M. R. Sanguineti. Modulation system.** 2,765,443, 1-16-56, Cl. 332—38.
- Rothmann, Harry E.: See—**  
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- Rothschild, Siegfried, to Hartford National Bank and Trust Co., as trustee. Preparation of fluorescent tungstate.** 2,729,606, 1-3-56, Cl. 252—301.5.
- Rothstein, Jerome, to the United States of America as represented by the Secretary of the Army. Method of producing short pulses.** 2,752,490, 6-26-56, Cl. 250—27.
- Rothweiler, Jack W. Sprinkler.** 2,731,294, 1-17-56, Cl. 299—18.
- Rothwell, Philip M., to Chrysler Corp. Heat supply system and means for engine choke control.** 2,757,652, 8-7-56, Cl. 123—55.
- Rothwell, Philip M., to Chrysler Corp. Intake manifold structure.** 2,764,961, 10-2-56, Cl. 123—52.
- Rotman, Allen M., to Mello-Cup Coffee Co. Inc. Coffee urn.** 2,748,689, 6-5-56, Cl. 99—315.
- Rotographic, Inc.: See—**  
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- Rotol Ltd.: See—**  
 Godden, Thomas E., Morris, and Loynes., 2,763,279.
- Rotor Tool Co., The: See—**  
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- Rotovent A. G.: See—**  
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- Rottcher, Kurt K. Self-propelled, automatic, overhead irrigation plant.** 2,756,098, 7-24-56, Cl. 299—52.
- Rotter, Lutwin C.: See—**  
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- Rotter, Lutwin C., to The McNeil Machine & Engineering Co. Valve.** 2,771,898, 11-27-56, Cl. 137—107.
- Rotter, Theodore, 35% to C. E. Friend. Spinning reel.** 2,732,147, 1-24-56, Cl. 242—84.4.
- Rottersmann, Maurice H. Sectional flame suppressor tube.** 2,746,404, 2-22-56, Cl. 110—1.
- Rottig, Walter, to Ruhrchemie Aktiengesellschaft. Catalytic hydrogenation of carbon monoxide.** 2,731,486, 1-17-56, Cl. 260—449.6.
- Rottig, Walter, to Ruhrchemie Aktiengesellschaft and Lurgi Gesellschaft für Wärmetechnik m. b. H. Catalytic hydrogenation of carbon monoxide in the presence of acetylene.** 2,738,360, 3-13-56, Cl. 260—449.6.
- Rottig, Walter, to Ruhrchemie Aktiengesellschaft and Lurgi Gesellschaft für Wärmetechnik m. b. H. Processing of products having a high content of oxygenated compounds.** 2,738,362, 3-13-56, Cl. 260—450.
- Rottig, Walter, to Ruhrchemie Aktiengesellschaft, and Lurgi Gesellschaft für Wärmetechnik m. b. H. Process for the separation of aliphatic alcohols from hydrocarbon-alcohol mixtures.** 2,746,984, 5-22-56, Cl. 260—450.
- Rottig, Walter, to Ruhrchemie Aktiengesellschaft. Production of n-hexogenous aldehyde condensation products.** 2,766,287, 10-9-56, Cl. 260—578.
- Rottig, Walter, to Ruhrchemie Aktiengesellschaft, Oberhausen-Holten, and Lurgi Gesellschaft für Wärmetechnik m. b. H. Catalytic hydrogenation of carbon monoxides.** 2,767,202, 10-9-56, Cl. 260—449.6.
- Rottig, Walter, to Ruhrchemie Aktiengesellschaft and Lurgi Gesellschaft für Wärmetechnik m. b. H. Catalytic carbon monoxide hydrogenation.** 2,771,481, 11-20-56, Cl. 260—449.6.
- Rottig, Walter, to Ruhrchemie Aktiengesellschaft and Lurgi Gesellschaft für Wärmetechnik m. b. H. Catalytic carbon monoxide hydrogenation with high ester yield.** 2,773,084, 12-4-56, Cl. 260—449.6.
- Rottig, Walter, to Ruhrchemie Aktiengesellschaft and Lurgi Gesellschaft für Wärmetechnik m. b. H. Production of carbon monoxide hydrogenation products with a high content of oxygenous compounds.** 2,773,085, 12-4-56, Cl. 260—449.6.
- Rottig, Walter, to Ruhrchemie Aktiengesellschaft and Lurgi Gesellschaft für Wärmetechnik m. b. H. Catalytic carbon monoxide hydrogenation with an increased yield of higher boiling esters.** 2,773,890, 12-11-56, Cl. 260—449.6.
- Rottig, Walter, and W. Wischermann, to Ruhrchemie Aktiengesellschaft, and Lurgi Gesellschaft für Wärmetechnik, m. b. H. Catalytic hydrogenation of carbon monoxide.** 2,753,367, 7-3-56, Cl. 260—449.6.
- Rottig, Walter, and A. Hagemann, deceased, by E. C. M. Hagemann and E. Hagemann, administrators, to Ruhrchemie Aktiengesellschaft and Lurgi Gesellschaft für Wärmetechnik m. b. H. Method for obtaining aliphatic alcohols.** 2,755,308, 7-17-56, Cl. 260—638.
- Rottig, Walter, K. Schenck, and H. Spengler, to Ruhrchemie Aktiengesellschaft, and Lurgi Gesellschaft für Wärmetechnik m. b. H. Iron carbon monoxide hydrogenation catalysts.** 2,758,128, 8-7-56, Cl. 260—449.6.
- Rouan, Francis J.: See—**  
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- Rouan, Francis J., to Pitney-Bowes, Inc. Hand stamp.** 2,737,113, 3-6-56, Cl. 101—37.
- Rouan, Francis J., to Pitney-Bowes, Inc. Workpiece feed control mechanism.** 2,750,188, 6-12-56, Cl. 271—58.
- Rouan, Francis J., J. A. Strother, and F. W. Uthenwold, to Pitney-Bowes, Inc. Envelope stuffing machine.** 2,736,999, 3-6-56, Cl. 53—29.
- Rouan, Francis J., and W. J. Hanson, to Pitney-Bowes, Inc. Tape printing and cutting device.** 2,741,982, 4-17-56, Cl. 101—227.
- Rouan, Francis J., and J. A. Strother, to Pitney-Bowes, Inc. Envelope transfer mechanism.** 2,746,221, 5-22-56, Cl. 53—31.
- Roubal, Alexander J., to Allis-Chalmers Manufacturing Co. Grinding mill support base.** 2,746,313, 5-22-56, Cl. 74—397.
- Roubal, Alexander J., to Allis-Chalmers Mfg. Co. Jaw plate for jaw crushers.** 2,758,794., 8-14-56, Cl. 241—291.
- Rougemont, René L., to Reed-Prentice Corp. Self-adjusting support for machine tool beds.** 2,739,773, 3-27-56, Cl. 248—13.
- Rougemont, René L., and F. P. Dunigan; said Dunigan assor. to said Rougemont. Automatic weighing machine.** 2,760,232, 8-28-56, Cl. 18—30.

- Rough, Frank A., and H. A. Saller, to the United States of America as represented by the United States Atomic Energy Commission. Ternary uranium alloy. 2,735,761, 2-21-56, Cl. 75-134.
- Roughledge, Robert H., to Celanese Corp. of America. Textile apparatus. 2,738,937, 3-20-56, Cl. 243-152.
- Rouillon, Jean, to Societe Chimiotex. Apparatus for mounting travelers on ring twistors. 2,749,601, 6-12-56, Cl. 29-207.
- Roumens, Jean, and R. Floury. Brake slack adjuster or equivalent. 2,750,554, 10-16-56, Cl. 188-196.
- Round, David S., to W. & T. Avery Ltd. Counter scales of the over and under weight. 2,730,351, 1-10-56, Cl. 265-62.
- Rounds, Fred G., R. E. Schwind, and L. L. Withrow, to General Motors Corp. Carbon dioxide as an anti-knock agent. 2,747,535, 9-29-56, Cl. 129-119.
- Rounds & Porter Lumber Co., Inc. The: See—  
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- Rounsefell, Clifford P., and L. C. Williams, to Miehle Printing Press & Mfg. Co. Pack turnover apparatus. 2,774,487, 12-18-56, Cl. 214-1.
- Rountree, Calvin B., to The Western Union Telegraph Co. Process for welding thin sections of spring steel. 2,737,568, 3-6-56, Cl. 219-10.
- Rountree, Calvin B., to The Western Union Telegraph Co. Platen. 2,766,096, 10-9-56, Cl. 346-136.
- Rous, Ben, to Federal Carton Corp. Can display package with locking tabs. 2,774,468, 12-18-56, Cl. 206-45.14.
- Rousey, Donald: See—  
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- Roush, Milton S., to Thompson Products, Inc. Controlled temperature fluid flow directing member. 2,744,723, 5-8-56, Cl. 253-39.15.
- Rousseau, Robert, to Andres Soriano, and Anzor Corp. Luminous display apparatus. 2,731,585, 1-17-56, Cl. 315-248.
- Roussel, Philip A., to E. I. du Pont de Nemours and Co. Rubbers stabilized with a 1-aryl-2-mercapto-2-imidazole. 2,751,370, 6-19-56, Cl. 260-45.8.
- Routien, John B.: See—  
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- Sabin, Ben A. Routien, and Lees. 2,757,123.
- Tanner, Fred W., Jr., Lees, and Routien. 2,771,392.
- Routien, John B., and L. G. Nickell, to Chas. Pfizer & Co., Inc. Cultivation of plant tissue. 2,747,334, 5-29-56, Cl. 47-58.
- Roux, Pierre. Engine compressor unit. 2,738,918, 3-20-56, Cl. 230-36.
- Rouyer, Louis: See—  
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- Vandamme, Louis, and Rouyer. 2,761,272.
- Rovex Scale Models Ltd.: See—  
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- Rovnar Tool & Die Mfg. Co.: See—  
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- Rowan, Henry M., Jr., and P. F. Foley, to Inductotherm Corp. Spark-gap converter, induction-heating and melting assembly. 2,768,226, 10-23-56, Cl. 13-26.
- Rowand, Will H. A., B. Raynor, and C. H. Woolley, to The Babcock & Wilcox Co. Vapor generating and superheating method and apparatus. 2,737,930, 3-13-56, Cl. 122-479.
- Rowden, Robert S. Tool sharpener. 2,770,078, 11-13-56, Cl. 51-34.
- Rowe, Carl R., and R. B. Foulks, to Kaiser Aluminum & Chemical Corp. Bridle roll assemblage. 2,768,542, 10-30-56, Cl. 80-51.
- Rowe, David A., to Sun Oil Co. Drilling fluid. 2,732,343, 1-24-56, Cl. 252-8.5.
- Rowe, David A., to Sun Oil Co. Drilling fluid. 2,771,420, 11-20-56, Cl. 252-8.5.
- Rowe, Frank E., Jr., to Abington Textile Machinery Works. Cleaning nozzle for carding machine. 2,740,994, 4-10-56, Cl. 19-109.
- Rowe, George E., to Emhart Mfg. Co. Apparatus for forming paste mold glassware. 2,744,358, 5-8-56, Cl. 49-18.
- Rowe, George E., to Emhart Mfg. Co. Glassware forming mechanism. 2,755,597, 7-24-56, Cl. 49-9.
- Rowe, Harbert B., to Lockheed Aircraft Corp. Reversible and berthable seat. 2,738,829, 3-20-56, Cl. 155-14.
- Rowe, Harry C., to Stewart-Warner Corp. Ultrahigh frequency tuner. 2,770,723, 11-13-56, Cl. 250-20.
- Rowe, John F.: See—  
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- Rowe, Lancelot W.: See—  
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- Rowe, Paul H., to Mans-Rowe Electronic Corp. Apparatus for producing chime tones. 2,772,594, 12-4-56, Cl. 84-1.11.
- Rowe, Raymond N.: See—  
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- Rowe, Raymond N., to General Electric Co. Electric switch. 2,759,094, 10-30-56, Cl. 200-146.
- Rowe, Richard G., and G. Flower, Jr., to Dictaphone Corp. Destatization of plastic articles. 2,761,787, 9-4-56, Cl. 106-37.
- Rowe, Richard G., and G. Flower, Jr., to Dictaphone Corp. Production of anti-static plastics. 2,773,852, 12-11-56, Cl. 200-32.6.
- Rowe Spacarb, Inc.: See—  
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- Rowe, Walter C., to The Firestone Tire & Rubber Co. Stain-resistant barrier. 2,731,060, 1-17-56, Cl. 152-330.
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- Rowell, William G., to Scully Signal Co. Magnet controlled construction. 2,763,407, 9-18-56, Cl. 292-394.
- Rowell, William G., to Scully Signal Co. Magnet controlled shut-off valve. 2,765,802, 10-9-56, Cl. 137-75.
- Rowley, William G., and E. B. Farmer, to Scully Signal Co. Sonic control for burners. 2,767,783, 10-23-56, Cl. 158-28.
- Rowerdink, William. Flowmeter. 2,768,528, 10-30-56, Cl. 73-210.
- Rowley, Ralph D. Live bait harness for fishhooks. 2,741,060, 4-10-56, Cl. 43-44.4.
- Rowland, Ben W., to Georgia Kaolin Co. Method of clay treatment. 2,758,010, 8-7-56, Cl. 23-110.
- Rowland, Clarence G., to The Fuller Brush Co. Rotary brush. 2,767,571, 7-7-56, Cl. 15-138.
- Rowland, Dan R., and M. H. Stark, to General Motors Corp. Propeller shaft. 2,751,765, 6-26-56, Cl. 64-1.
- Rowland, David L. Furniture seating. 2,731,076, 1-17-56, Cl. 155-187.
- Rowland, David L. Automobile license plate and fuel tank filler support arrangement. 2,739,010, 3-20-56, Cl. 296-1.
- Rowland, George P., Jr., and R. A. Piloni, to The Firestone Tire & Rubber Co. Vinyl chloride resins for application to rubber compositions. 2,742,206, 8-28-56, Cl. 260-78.5.
- Rowland, George P., Jr., and R. A. Piloni, to The Firestone Tire & Rubber Co. Vinyl chloride resins for application as solvent solutions. 2,731,449, 1-17-56, Cl. 260-78.5.
- Rowland, Horace B.,  $\frac{1}{4}$  to S. W. Blackman, and  $\frac{1}{4}$  to W. H. Smith. Disposable flashlight. 2,759,225, 3-20-56, Cl. 240-10.65.
- Rowland, Leonard, to Hobourn Aero Components Ltd. Electric heating elements. 2,732,479, 1-24-56, Cl. 219-46.
- Rowland, Ralph L., to R. J. Reynolds Tobacco Co. Tobacco. 2,765,147, 10-9-56, Cl. 131-17.
- Rowland, Ralph L., to R. J. Reynolds Tobacco Co. Tobacco. 2,766,148, 10-9-56, Cl. 131-17.
- Rowland, Ralph L., to R. J. Reynolds Tobacco Co. Tobacco. 2,766,149, 10-9-56, Cl. 131-17.
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- Rowlands, Tom, to The Thrissell Engineering Co., Ltd. Apparatus for cutting and creasing sheet material. 2,737,238, 3-6-56, Cl. 164-21.
- Rowlands, Tom, and F. E. Dobson, to Molins Machine Co. Ltd. Adjusting devices for adjustable members such as rollers. 2,735,732, 2-21-56, Cl. 508-60.
- Rowlett, Allen H. Detergent applicator for water hoses. 2,768,030, 10-23-56, Cl. 299-84.
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- Rowley, Arthur C., to Globe Automatic Sprinkler Co. of Pennsylvania. Load supporting thermosensitive linkage. 2,730,990, 1-17-56, Cl. 74-3.
- Rowley, Joseph C. Interlocking parquet block. 2,740,167, 4-3-56, Cl. 20-8.
- Rowley, Joseph F. Electric water heater. 2,744,184, 5-1-56, Cl. 219-38.
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- Rowley, Lothair H., and W. R. Rauth, Jr., to Sperry Rand Corp. Multistage magnetic amplifier system. 2,767,372, 10-16-56, Cl. 323-89.
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- Roy, Dwight B., to Mastercraft Trailers, Inc. Trailer for transporting a boat. 2,746,622, 5-22-56, Cl. 214-84.
- Roy, Emil. Chute means for urging blanks into a carrier. 2,745,571, 5-15-56, Cl. 221-243.
- Roy, Hugh, and D. Lecourt. Picker stick returning spring. 2,739,621, 3-27-56, Cl. 139-149.
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- Mackiw, Vladimir N., Roy, Lin, and Kunda. 2,767,081.
- Roy, Tuhin K., to Chemical Construction Corp. Method of reducing cobaltic amine salt. 2,749,235, 6-5-56, Cl. 75-119.
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- Royce, Draper P., to G. C. Grinfield. Automatic mattress spring adjustment for drop side crib. 2,763,477, 10-9-56, Cl. 5—63.
- Royer, Darrell E.: *See*—  
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- Royer, Darrell E., to General Motors Corp. Valve mechanism. 2,747,593, 5-29-56, Cl. 137—45.
- Royce, Darrell E., to H. Smith, to General Motors Corp. Filter and method of making same. 2,747,742, 5-29-56, Cl. 210—169.
- Rozelle, Rexford A., to Nachman Corp. Adjustable inner-spring unit. 2,773,270, 12-11-56, Cl. 5—253.
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- Rozsa, Tibor A.: *See*—  
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- Rubbra, Arthur A., to Rolls-Royce Ltd. Control mechanism for transmitting a plurality of control movements in control systems of combustion engines. 2,741,087, 4-10-56, Cl. 60—39.28.
- Rubeza, Robert, to the United States of America as represented by the Secretary of the Navy. Liquid potentiometer. 2,748,232, 5-29-56, Cl. 201—57.
- Ruben, Charlotte: *See*—  
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- Ruben, Louis A., deceased: C. Ruben, executrix. Row indicator for accordions. 2,754,715, 7-17-56, Cl. 84—442.
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- Rubens, Sidney M.: *See*—  
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- Rubi, Barbara B. Picture with figure forming cutouts. 2,731,766, 1-24-56, Cl. 46—35.
- Rubin, Eduard. Walking-aid for a splinted human leg dressed in plaster of Paris. 2,762,367, 9-11-56, Cl. 128—83.5.
- Rubin, Emily. Handbags and the like. 2,745,456, 5-15-56, Cl. 150—35.
- Rubin, Irving. Belt buckle. 2,750,643, 6-19-56, Cl. 24—166.
- Rubin, Jacob. Combined chair, bed, and cabinet. 2,754,890, 7-17-56, Cl. 155—45.
- Rubin, Louis C.: *See*—  
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- Rubin, Louis C., to The M. W. Kellogg Co. Flexible valve diaphragm. 2,767,956, 10-23-56, Cl. 251—331.
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- Rubin, Oscar. Closures. 2,741,388, 4-10-56, Cl. 215—39.
- Rubin, Sidney. Evaporation disseminator. 2,741,813, 4-17-56, Cl. 21—120.
- Ruble, Gerald V. Masonary guide. 2,761,214, 9-4-56, Cl. 33—85.
- Ruble, Raymond J.: *See*—  
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- Ruble, Raymond J., to Texaco Development Corp. Radiation detectors. 2,759,118, 8-14-56, Cl. 313—93.
- Ruble, Raymond J., and A. L. Tirico, to Texaco Development Corp. Radiation detector. 2,740,900, 4-3-56, Cl. 250—83.6.
- Rubli, Max: *See*—  
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- Ruby, Lowell E., to United Aircraft Corp. Differential area compressor bleed control. 2,732,125, 1-24-56, Cl. 230—115.
- Ruchin, Zan. Replacement window construction. 2,731,684, 1-24-56, Cl. 20—49.
- Ruckelschhaus, John G. Low tension ignition systems. 2,768,227, 10-23-56, Cl. 123—148.
- Ruckelschhaus, John G. Reciprocating motor device for rotating a shaft. 2,768,314, 10-23-56, Cl. 310—24.
- Rucker, Earl O.: *See*—  
 Tereski, Fred. 2,743,185.
- Rucker, Geo. D.: *See*—  
 Rucker, Ralph P. 2,729,261.
- Rucker, John T., and D. B. Stormon, to Hooker Electrochemical Co. Process for the production of chlorotrifluoroethylene by passing a mixture of trichlorotrifluoroethane and hydrogen through an unobstructed iron tube. 2,760,997, 8-28-56, Cl. 260—653.
- Rucker, John T.,  $\frac{1}{2}$  to A. E. Strickland,  $\frac{1}{2}$  to G. D. Rucker, and  $\frac{1}{2}$  to M. C. Strickland. Radial tensioning device. 2,729,261, 1-3-56, Cl. 152—218.
- Ruckstahl, Alfred. Work removing conveyor mechanism for heat treating furnaces. 2,766,895, 10-16-56, Cl. 214—18.
- Ruckstell, Corp.: *See*—  
 Brainard, Maurice W. 2,754,440.
- Ruckstuhl, Hans, O. Senn, and W. Wehrli, to Sandoz A. G. Azo dyestuffs. 2,735,845, 2-21-56, Cl. 260—200.
- Ruckstuhl, Hans, and W. Wehrli, to Sandoz A. G. Process of making copper-containing monoazo dyestuffs. 2,744,104, 5-1-56, Cl. 260—151.
- Rudbarg, Frank: *See*—  
 Denysen, Ivanhoe P., and Rudbarg. 2,773,582.
- Rudd, Harold H., to I-T-E Circuit Breaker Co. Position indicator for enclosed disconnect switch. 2,729,726, 1-3-56, Cl. 200—167.
- Rudd, Hilton A., Sr. Multiple wrench with telescoping sections. 2,735,325, 2-21-56, Cl. 81—71.
- Rudd, Wallace C., and R. J. Stanton, to Magnetic Heating Corp. Induction welding. 2,763,756, 9-18-56, Cl. 219—9.5.
- Rudd, Wallace C., and R. J. Stanton, to Magnetic Heating Corp. Tube welding. 2,774,857, 12-18-56, Cl. 219—67.
- Ruddle, Allan B., deceased, by B. M. Ruddle, executrix. Coating composition. 2,745,758, 5-15-56, Cl. 106—83.
- Ruddle, Beatrice M.: *See*—  
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- Ruddy, Arlo W.: *See*—  
 Archer, Sydney, and Ruddy. 2,762,812.
- Ruddy, Arlo W., to Sterling Drug Inc. 1-methyl-2-(3,3-diphenylpropyl)piperidine and preparation thereof. 2,769,812, 11-6-56, Cl. 260—293.
- Rudeen, Carl S. Twine tensioning attachment for baling machine. 2,731,909, 1-24-56, Cl. 100—22.
- Rudeen, Carl S. Trigger, knife and strand guide for twine knotters. 2,763,501, 9-18-56, Cl. 289—10.
- Rudel, Harry W.: *See*—  
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- Rogers, Dilworth T., and Rudel. 2,742,351.
- Rüdenberg, Reinhold. Charged particle A. C. generator. 2,748,339, 5-29-56, Cl. 322—2.
- Ruderfer, Martin. Apparatus for producing three-dimensional visual patterns. 2,749,480, 6-5-56, Cl. 315—169.
- Ruderman, Manuel L. Device for expanding bags for filling. 2,770,064, 11-13-56, Cl. 53—189.
- Ruderman, Samuel. Resettable target. 2,736,558, 2-28-56, Cl. 273—105.6.
- Rüdiger, Ernst. Driving mechanism. 2,766,849, 10-16-56, Cl. 185—37.
- Rudine, Ruth L. Hollow plastic clogs. 2,755,567, 7-24-56, Cl. 36—11.5.
- Rudin, Phillip. Earth loosening machine. 2,752,838, 7-3-56, Cl. 97—47.51.
- Rudish, Samuel T.: *See*—  
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- Rudisill, Annie B. Mattress protector. 2,741,781, 4-17-56, Cl. 11—44.
- Rudman, Frank: *See*—  
 Laurent, Milton P. 2,744,771.
- Rudman, Frank A., executor: *See*—  
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- Rudman, Oscar S., to Mid-West Mower Corp. Drive means and wheel adjusting means for power mowers. 2,760,589, 8-28-56, Cl. 180—19.
- Rudner, Bernard, to General Aniline & Film Corp. Pyrido-benzimidazole azo dyes. 2,742,457, 4-17-56, Cl. 260—156.
- Rudner, Merritt A., to United States Gasket Co. Shaft seals. 2,761,710, 9-4-56, Cl. 286—11.
- Rudner, Merritt A., to United States Gasket Co. Method of making metal-surfaced bodies. 2,762,116, 9-11-56, Cl. 29—47.29.
- Rudnicki, Ireneusz M.: *See*—  
 Brady, Samuel G., and Rudnicki. 2,755,599.
- Rudnicki, Ireneusz M., to The Gear Grinding Co. Form grinding machine. 2,767,520, 10-23-56, Cl. 51—45.
- Rudoff, Hyman, to General Electric Co. Chlorinated maleic adduct-ethoxylene resinous compositions. 2,744,845, 5-8-56, Cl. 154—43.
- Rudolph, Charles A.: *See*—  
 McCord, Douglas D., Holbrook, and Rudolph. 2,757,434.

- Rudolph, Nathan H., to All-Steel Equipment Inc. Electrical box. 2,769,562, 11-6-56, Cl. 220-3.4.
- Rudolph, Paul: *See*—
- Danulat, Friedrich, Schmalfeld, and Rudolph. 2,772,873.
- Rudy, Hermann, to Joh. A. Benckiser G. m. b. H. Chemische Fabrik. Choline salt tablet and process of making same. 2,772,998, 12-4-56, Cl. 167-87.
- Rudy Mfg. Co.: *See*—
- Polak, Thomas H. 2,772,077.
- Rudy, William G., to Radio Corp. of America. Glass targets for image orthicons. 2,743,150, 4-24-56, Cl. 313-68.
- Rueb, Theodore O., to Sherman-Klove Co. Reversible ratchet wrench. 2,744,432, 5-8-56, Cl. 81-62.
- Ruedemann, Wilona W. Self feeder silo. 2,755,770, 7-24-56, Cl. 119-52.
- Ruedy, John E., to Radio Corp. of America. Apparatus for evaporating chemicals. 2,744,808, 5-8-56, Cl. 316-30.
- Ruedy, John E., to the United States of America as represented by the Secretary of the Navy. Method and apparatus for use in chemical evaporation processes. 2,752,519, 6-26-56, Cl. 313-65.
- Rueff, William H.: *See*—
- Zimmer, Ray L., and Rueff. 2,768,640.
- Rueger, Herman, to the United States of America as represented by the Secretary of the Army. Fuse. 2,763,213, 9-18-56, Cl. 102-84.
- Ruegg, Ernst, to Escher Wyss Aktiengesellschaft. Multi-stage pump type centrifugal machine. 2,732,073, 1-24-56, Cl. 210-67.
- Ruegg, Ernst, to Escher Wyss Aktiengesellschaft. Multi-stage centrifugal machine. 2,755,934, 7-24-56, Cl. 210-70.
- Ruegg, Max: *See*—
- Folhemus, Von D., and Ruegg. 2,762,445.
- Ruegg, Rudolf: *See*—
- Isler, Otto, Montavon, Ruegg, and Zeller. 2,730,549.
- Rueggberg, Walter H. C., and T. W. Sauls, to Tennessee Corp. Fracturing of monosulfonated carboxylic acids and their esters. 2,743,288, 4-24-56, Cl. 260-400.
- Ruehl, Harold: *See*—
- Boyd, Roy W., Van Vooren, and Ruehl. 2,735,164.
- Ruemens, Wilhelm: *See*—
- V. Reibnitz, Bruno, Ruemens, and Beldeck. 2,731,364.
- Ruemmler, Gerhard G., to The Singer Mfg. Co. Sewing machine loop-takers. 2,743,689, 5-1-56, Cl. 112-228.
- Ruemmler, Waldemar P., to the United States of America as represented by the Secretary of the Army. Low tin content, durable, tinned copper conductor. 2,742,687, 4-24-56, Cl. 29-196.4.
- Ruetz, Karl. Container closure device. 2,731,177, 1-17-56, Cl. 222-605.
- Ruetz, Karl. Container with closing device. 2,753,070, 7-3-56, Cl. 215-92.
- Ruetz, Theodor. Burner for cigarette-lighters and cigarette-lighters provided therewith. 2,774,235, 12-18-56, Cl. 67-53.
- Ruff, Hermann, to Forstner Chain Corp. Cuff link. 2,752,654, 10-9-56, Cl. 24-97.
- Ruff, Alonzo W. Evaporator refrigerant condenser. 2,737,789, 3-13-56, Cl. 62-156.
- Ruff, Alonzo W., to V. C. Patterson & Associates, Inc. Apparatus for lowering ice-bucked cold room floors. 2,753,431, 7-3-56, Cl. 219-9.
- Ruff, Edgar E., to Lever Brothers Co. Cleaning compositions containing tarnish inhibitors. 2,733,215, 1-31-56, Cl. 252-137.
- Ruff, Frederic S., to F. W. Andres, trustee. Preparation for storage of solid animal proteinaceous materials. 2,745,756, 5-15-56, Cl. 99-187.
- Ruff, Walter, to Hake Mfg. Co. Box hinge. 2,765,488, 8-9-56, Cl. 16-128.
- Ruffin, Edward T.: *See*—
- Ingrassia, Angelo P., and Ruffin. 2,744,047.
- Ruzar, John. Trailer body locking assembly. 2,740,641, 4-3-56, Cl. 280-131.
- Ruze, Arthur C., to Baldwin-Lima-Hamilton Corp. Non-linearly compensation means. 2,771,579, 11-20-56, Cl. 324-62.
- Ruze, Arthur C., to Baldwin-Lima-Hamilton Corp. Fluid pressure measuring device. 2,772,569, 12-4-56, Cl. 73-398.
- Ruels, Edward F., to L. E. Ridgeway and L. W. A. Crowe. Holder for positioning and sharpening hypodermic needles. 2,740,240, 4-3-56, Cl. 51-221.
- Rugen, Vernon L.: *See*—
- Du Shane, Wallace H., and Rugen. 2,772,652.
- Rugenstein, Malte: *See*—
- Blaser, Bruno, Rugenstein, and Tischbirek. 2,764,576.
- Ruger, William B., to Sturm, Ruger and Co. Inc. Cylinder stop for a revolver. 2,733,529, 2-7-56, Cl. 42-87.
- Rugg, E. Melvin, to International Harvester Co. Collapsible assembly for box structures. 2,775,393, 12-25-56, Cl. 229-41.
- Rugg, E. T. Co., The: *See*—
- Grobowski, Benny T. 2,766,802.
- Rugg, Harold H.: *See*—
- West, Charles P., and Rugg. 2,763,710.
- Rugg, Harold H., to Westinghouse Electric Corp. Electrical bus structures. 2,763,711, 9-18-56, Cl. 174-99.
- Ruggiero, Alfred J., to E. D. Bullard Co. Safety headgear. 2,741,768, 4-3-56, Cl. 3.
- Rugles, David M., to Bell Telephone Laboratories, Inc. Cleaning of small articles. 2,756,168, 7-24-56, Cl. 134-3.4.
- Ruh, Robert P., to The Dow Chemical Co. Unsaturated fluoro ethers and fluoro ortho esters and their production. 2,737,530, 3-6-56, Cl. 260-615.
- Ruh, Robert P., to The Dow Chemical Co. Production of fluoro-substituted ethylenically unsaturated ethers. 2,739,987, 3-27-56, Cl. 260-614.
- Ruh, Robert P., and R. A. Davis, to The Dow Chemical Co. Process for fluorination of haloalkanes using a hydrogen fluoride activated catalyst containing alumina, a metal fluoride and basic aluminum fluoride. 2,744,148, 5-1-56, Cl. 260-653.
- Ruh, Robert P., and R. A. Davis, to The Dow Chemical Co. Fluorination of perhaloacetonitriles over an improved chromium fluoride catalyst. 2,745,867, 5-15-56, Cl. 260-465.7.
- Ruh, Robert P., and R. A. Davis, to The Dow Chemical Co. 1-chloro-2,3,4,4-pentafluoro-1,3-butadiene. 2,745,885, 5-15-56, Cl. 260-653.
- Ruh, Robert P., and R. A. Davis, to The Dow Chemical Co. Process for fluorinating aliphatic haloalkanes with a chromium fluoride catalyst and process for preparing the catalyst. 2,745,886, 5-15-56, Cl. 260-653.
- Ruh, Robert P., and R. A. Davis, to The Dow Chemical Co. Production of methylene fluoride. 2,749,374, 6-5-56, Cl. 260-653.
- Ruh, Robert P., and R. A. Davis, to The Dow Chemical Co. Fluorination of methylene halides. 2,749,375, 6-5-56, Cl. 260-653.
- Rühl, Ernst: *See*—
- Nickel, Bernhard, and Rühl. 2,772,556.
- Rühl, Walter. Apparatus with jet driven rotor. 2,741,320, 4-10-56, Cl. 170-135.4.
- Ruhlig, Earl O., to Bell Telephone Laboratories, Inc. Method of operating cold cathode stepping tubes. 2,743,394, 4-24-56, Cl. 315-84.6.
- Ruhnan, Richard. Cinematograph film projectors. 2,732,755, 1-31-56, Cl. 88-17.
- Ruhnan, Richard. Film feeding mechanism for cinematograph apparatus. 2,749,798, 6-12-56, Cl. 88-18.4.
- Ruhnan, Richard, E. Weides, and G. Engelage. Arrangement for the support of the main guiding components of a cinema projector. 2,732,756, 1-31-56, Cl. 88-17.
- Ruhr, Heinrich R., to United Shoe Machinery Corp. Welt guiding and cutting. 2,734,469, 2-14-56, Cl. 112-44.
- Ruhr, Heinrich R., to United Shoe Machinery Corp. Machines for rough routing. 2,740,468, 10-16-56, Cl. 12-85.
- Ruhr, Heinrich R., to United Shoe Machinery Corp. Shoe sewing machines. 2,775,217, 12-25-56, Cl. 112-46.
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- Büchner, Karl. 2,763,136.
- Büchner, Karl, Roelen, and Meis. 2,766,301.
- Dorschner, Oskar. 2,740,803.
- Feichtinger, Hans. 2,769,843.
- Feichtinger, Hans, and Büchner. 2,763,610.
- Feichtinger, Hans, and Tummes. 2,740,815.
- Feichtinger, Hans, and Tummes. 2,749,340.
- Hagemann, August, and Büchner. 2,750,430.
- Kolling, Helmut. 2,766,276.
- Lüben, Robert. 2,767,085.
- Lüben, Robert. 2,761,871.
- Lüben, Robert. 2,773,110.
- Lüben, Robert, and Stiebling. 2,746,983.
- Paul, Herbert. 2,744,813.
- Paul, Herbert, and van der List. 2,764,178.
- Rappen, Friedrich, and Kolling. 2,740,807.
- Rottig, Walter. 2,731,486.
- Rottig, Walter. 2,738,360.
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- Rottig, Walter. 2,746,984.
- Rottig, Walter. 2,766,287.
- Rottig, Walter. 2,767,202.
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- Rottig, Walter, and Hagemann. 2,755,308.
- Rottig, Walter, Schenck, and Spengler. 2,758,128.
- Rottig, Walter, and Wischermann. 2,753,367.
- Schaub, Franz. 2,768,999.
- Schaub, Franz, and Tramm. 2,766,534.
- Schaub, Franz, and Tramm. 2,766,880.
- Tramm, Heinrich, and Roelen. 2,731,370.
- Ruhrchemie Aktiengesellschaft and Lurgi Gesellschaft für Wasserstoff: *See*—
- Rottig, Walter. 2,771,481.
- Ruisard, Neal A.: *See*—
- Ingersoll, James H., White, Kovalick, Hegyi, Ruisard, and Levitt. 2,775,073.
- Rulison, Raymond L., to Bell Telephone Laboratories, Inc. Surface treatment of germanium circuit elements. 2,768,100, 10-23-56, Cl. 117-230.
- Rulon, Richard M.: *See*—
- Burns, Keith H., and Rulon. 2,774,739.
- Rulon-Miller, Robert, and W. H. Tabor, to Dixon Corp. Bobbin holder. 2,774,549, 12-18-56, Cl. 242-130.
- Rumbaugh, Hugh M. Heating and drying means. 2,760,502, 8-28-56, Cl. 134-105.
- Rumbach, Hugh M. Dynamic drain barrier. 2,760,505, 8-28-56, Cl. 134-186.
- Rumberger, George G., to Marathon Corp. Hydrocarbon wax containing a diaryl ketone. 2,755,193, 7-17-56, Cl. 106-278.
- Rumble, Dale H.: *See*—
- McLeish, Charles W., and Rumble. 2,764,736.
- Rumble, Robert C.: *See*—
- Caldwell, Joseph A., Monaghan, Rumble, and Uhrig. 2,732,579.



- Rumble, Robert C., to Esso Research and Engineering Co. Apparatus for determining wall temperature casing. 2,704,024, 9-25-56, Cl. 73-362.
- Rumble, Roy W. Composite structures such as shuttering for concrete or as parts of buildings composing a number of panel elements. 2,703,911, 9-25-56, Cl. 25-131.
- Rumbold, Sidney G.: See—
- Kalli, Emil O. Rumbold, and Vander Pool. 2,758,441.
- Rumbutis, Bernard R.: See—
- Smith, Lewis, and Rumbutis. 2,737,344.
- Rumianca, S. p. A.: See—
- Paoloni, Carlo. 2,741,876.
- Paoloni, Carlo, and Pennetti. 2,748,072.
- Rummage, John P. Electric light socket with a replaceable switch. 2,737,063, 9-25-56, Cl. 200-51.17.
- Rummel, Robert T.: See—
- Harman, Gerald J., Hooker, and Rummel. 2,769,572.
- Harman, Gerald J., Hooker, and Rummel. 2,769,575.
- Rummelsburg, Alfred L., to Hercules Powder Co. Rosin polymerization process. 2,773,859, 12-1-56, Cl. 260-99.5.
- Rumpel, Harvey H., to Smith Engineering Works. Gyrostatic crusher concave adjustment. 2,747,804, 5-29-56, Cl. 241-286.
- Rumpf, Walter J.: See—
- Callahan, John C., and Rumpf. 2,734,649.
- Rumple, C. F., and Sons: See—
- Hutchinson, Herman R. 2,748,821.
- Rumsavich, Peter J. Automatic, self-adjusting wire weld filer. 2,755,708, 7-24-56, Cl. 90-15.
- Rumscheidt, Gottfried E.: See—
- Fortuin, Jan P., and Rumscheidt. 2,746,990.
- Rumsey, Herbert, Jr. Package wrapping with opening means. 2,732,998, 1-31-56, Cl. 229-87.
- Rumsey, Victor H., to Minister of Supply, in His Majesty's Government of the United Kingdom of Great Britain and Northern Ireland. Variable length coaxial line section. 2,752,573, 6-26-56, Cl. 333-35.
- Rundie, Lewis R., to General Electric Co. Electric circuit. 2,750,554, 6-12-56, Cl. 321-19.
- Rundalud, Lewis R., and M. T. Reese, to General Electric Co. Control system. 2,732,477, 1-24-56, Cl. 219-20.
- Rundalud, Lewis R., and J. W. Burnett, to General Electric Co. Method and apparatus for the measurement of low resistance. 2,772,395, 11-27-56, Cl. 324-62.
- Runciman, William A., to General Electric Co. Luminescent magnesium oxide. 2,736,712, 2-28-56, Cl. 252-301.4.
- Runk, Roger J.: See—
- Sly, John B., Lynch, and Runk. 2,749,954.
- Runko, William J., and G. R. Bethel. Paintable hardboard and process of making the same. 2,754,728, 7-17-56, Cl. 92-39.
- Rundblad, George J., and E. Cairelli, to Wilson-Jones Co. Grinding machine. 2,733,552, 2-7-56, Cl. 51-110.
- Rundberg, A. Burroughs & Co. Calculating machine record form handling mechanism. 2,765,980, 10-9-56, Cl. 235-60.51.
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- Runde, Kenneth R., to James R. Kearney Corp. Electrical protective devices. 2,770,667, 11-13-56, Cl. 174-5.
- Rundle, George W. Apparatus for carrying and selectively rendering operable a plurality of tools. 2,749,953, 6-12-56, Cl. 145-63.
- Runde, John B. Wax carrying spool for thread. 2,736,912, 3-6-56, Cl. 15-105.
- Runge, Frank E.: See—
- Balmer, Donald F., and Runge. 2,766,990.
- De Napoli, Anthony C., Jr., and Runge. 2,772,093.
- Thompson, Lincoln, Runge, and Lyon. 2,743,319.
- Thompson, Lincoln, Runge, and Lyon. 2,750,449.
- Runge, Heinz P.: See—
- Reichelt, Lester O., and Runge. 2,767,301.
- Runge, Julius A. Eyelid construction. 2,760,292, 8-28-56, Cl. 43-424.
- Runge, Norman H.: See—
- Baker, Leonard, and Runge. 2,766,870.
- Runge, Richard M., to The Miller Co. Lighting fixture hangers. 2,762,598, 9-11-56, Cl. 248-327.
- Runion, Boyce W. Feeding station for small stock. 2,746,423, 5-22-56, Cl. 19-52.
- Runk, Robert H.: See—
- Robbins, Sydney, and Runk. 2,734,878.
- Runkle, Lorin R., to Iwan Bros., Inc. Shovel construction. 2,750,223, 6-12-56, Cl. 294-49.
- Runnels, Paul G.: See—
- Hamann, George S., Lefebvre, and Runnels. 2,757,425.
- Runner, Earle L. Article carriers. 2,752,974, 7-3-56, Cl. 150-1.5.
- Runner, John W., to The Goodyear Tire & Rubber Co. Apparatus for extracting heat from brakes and improving the operation thereof. 2,764,205, 9-25-56, Cl. 188-264.
- Runstetter, Abraham: See—
- Howard, Thomas P. 2,759,638.
- Runtan, Leslie A., to The Russell Mfg. Co. Protective covering. 2,758,420, 10-30-56, Cl. 218-78.
- Runtan, Leslie A., and E. H. Shattuck, to Alexander Smith, Inc. Film fabric. 2,738,296, 3-13-56, Cl. 154-49.
- Runtan, Leslie A., and E. F. Mersereau, Jr., to Alexander Smith, Inc. Knitted fabric and method of making the same. 2,741,825, 4-17-56, Cl. 28-76.
- Runtan, Leslie A., and W. G. Bejeuhr, to Alexander Smith, Inc. Apparatus for making pile fabric. 2,770,283, 11-13-56, Cl. 154-1.1.
- Runyan, Arleigh A. Collapsible camping trailer body. 2,729,497, 1-3-56, Cl. 296-23.
- Ruosch, Samuel. Potassic nitrophosphate fertilizers and method of preparing the same. 2,746,855, 5-22-56, Cl. 71-39.
- Rupe, Orville W. One-way-travel barrier. 2,762,145, 9-11-56, Cl. 39-5.
- Rupert, Russell. Protective shield for vehicle windshields, windows, and the like. 2,739,575, 2-3-56, Cl. 160-352.
- Ruperti, Andreas, to Ciba Ltd. Method for protection of cellulosic fibrous material from attack by microorganisms. 2,763,574, 9-18-56, Cl. 117-103.
- Rupie, Carl E., to Olin Mathieson Chemical Corp. Firearm cartridge protector. 2,745,203, 5-15-56, Cl. 42-50.
- Rupp, Herbert E., and C. Nelson, to Esso Research and Engineering Co. Self-priming centrifugal pump. 2,755,743, 7-24-56, Cl. 103-113.
- Rupp, Raymond C. Fishing lure. 2,760,293, 8-28-56, Cl. 43-42.38.
- Rupp, Walter: See—
- Ebel, Friedrich, Rupp, and Keller. 2,731,464.
- Ebel, Friedrich, Rupp, and Keller. 2,735,849.
- Rupp, Walter H., to Esso Research and Engineering Co. Simplified oil refinery. 2,733,191, 1-31-56, Cl. 196-48.
- Rupp, Walter H., to Esso Research and Engineering Co. Method and apparatus for mixing and contacting fluids. 2,751,429, 6-19-56, Cl. 260-683.4.
- Rupp, Walter H., to Esso Research and Engineering Co. Process for segregating vapors from liquid. 2,768,940, 10-30-56, Cl. 202-53.
- Rupp, Walter H., to Esso Research and Engineering Co. Alkylation process. 2,775,636, 12-25-56, Cl. 260-653.
- Rupp, Walter H., and C. Nelson, to Esso Research and Engineering Co. Integrated catalytic cracking processing system. 2,741,580, 4-10-56, Cl. 196-24.
- Rupp, William C., to The Chandler & Price Co. Binder clamp attachment for paper cutting machines. 2,745,489, 5-15-56, Cl. 164-52.
- Ruppe, Peter P. Magnetic elevating conveyor. 2,733,824, 2-7-56, Cl. 214-623.
- Ruppe, Peter P. Frame structure for endless conveyors. 2,764,276, 9-25-56, Cl. 198-184.
- Ruppe, Peter P., and A. E. Bodycombe. Conveyor elevator. 2,762,319, 6-12-56, Cl. 214-730.
- Ruppel, Oscar W., to Champion Spark Plug Co. Means for linking a spark plug insulator or similar wear decorating means. 2,737,886, 3-13-56, Cl. 101-351.
- Ruppender, Robert R.: See—
- Turner, Percy P., Jr., and Ruppender. 2,763,920.
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- Ruppert, Max K., to Poor & Co. Method for forming a rail anchor with a positive applying stop. 2,771,670, 11-27-56, Cl. 29-550.
- Rusca, Ralph A.: See—
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- Young, Ray C., and Rusca. 2,745,144.
- Ruschetta, Ralph A., and A. F. Torrisi, to General Electric Co. Method of forming oxide films on electrodes for electrolytic capacitors. 2,739,110, 3-20-56, Cl. 204-56.
- Rusch, Adolphe, to the United States of America as represented by the Secretary of the Army. Method of making hollow laminated articles from unwoven fabric. 2,731,376, 1-17-56, Cl. 154-83.
- Rusch, Adolphe, to the United States of America as represented by the Secretary of the Army. Laminated glass fabric. 2,743,256, 12-24-56, Cl. 154-128.
- Rusch, Alfred. Combination cigarette extinguisher and ash tray. 2,731,019, 1-17-56, Cl. 131-235.
- Rusch, Edward W., K. P. Shank, and P. M. Walsh, to Gibson Refrigerator Co. Compressor and lubricating means therefor. 2,738,919, 3-20-56, Cl. 230-58.
- Rusch, Edward W., K. P. Shank, and B. A. Malone, to Gibson Refrigerator Co. Compressor and lubricating means therefor. 2,766,929, 10-16-56, Cl. 230-206.
- Rüsch, Gustav O. K.: See—
- Christiansen, Christian, and Rüsch. 2,735,451.
- Ruschenburg, Ernst: See—
- Köbel, Herbert, and Ruschenburg. 2,738,361.
- Ruschig, Heinrich: See—
- Ehrhart, Gustav, Ruschig, and Haede. 2,745,852.
- Ehrhart, Gustav, Ruschig, Schmidt-Thomé, Haede, and Fritsch. 2,752,340.
- Ehrhart, Gustav, Schmidt-Thomé, Ruschig, Fritsch, and Haede. 2,758,121.
- Ruschig, Heinrich, W. Fritsch, J. Schmidt-Thomé and W. Haede, to Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Brüning. 17-hydroxy compounds of the steroid series. 2,731,461, 1-17-56, Cl. 260-239.55.
- Rusciano, Frank A.: See—
- Ness, Harold J., and Rusciano. 2,753,170.
- Ness, Harold J., and Rusciano. 2,763,476.
- Rusciano, Frank A., to Metallurgical Processes Co. Apparatus and method of producing protective combustion atmospheres. 2,763,582, 9-18-56, Cl. 148-16.5.
- Rusciano, Theodore C. Automatic depth control systems for agricultural implements. 2,755,721, 7-24-56, Cl. 97-46.81.
- Rusekas, Joseph A.: See—
- Flagg, John E., and Rusekas. 2,762,047.
- Rush, Dale B., to The Reliance Electric and Engineering Co. Tension-responsive control. 2,775,263, 12-25-56, Cl. 139-10.
- Rush, Dale B., W. E. Springer, J. B. Thomas, and D. E. Woody, to The Reliance Electric and Engineering Co. Constant tension control mechanism. 2,775,414, 12-25-56, Cl. 242-75.

- Rush, Dale B., and W. E. Springer, to The Reliance Electric and Engineering Co. Tension-dominated control. 2,775,415, 12-25-56, Cl. 22-75.
- Rush, Elton E., to Phillips Petroleum Co. Crystal purification apparatus control. 2,751,890, 6-26-56, Cl. 121-164.
- Rush, Elton E., to Phillips Petroleum Co. Liquefied petroleum gas fuel valve. 2,753,856, 7-10-56, Cl. 123-120.
- Rush, Elton E., to Phillips Petroleum Co. Anti-back flow motor valve. 2,759,699, 8-21-56, Cl. 251-62.
- Rush, Hugh M. Hydraulic crane. 2,755,939, 7-24-56, Cl. 212-35.
- Rush, Ian C.: *See*—  
Bowell, Stephen T. Rush, and Watson. 2,734,883.
- Rush, James A., to Consolidated Water Power & Paper Co. Production of coated sheet material. 2,746,878, 5-22-56, Cl. 117-15.
- Rush, John T., to Associated Tool & Mfg. Co. Ltd. Apparatus wherein a reciprocating cut off die feeds a severed article onto a rotating tap. 2,749,561, 6-12-56, Cl. 10-72.
- Rush Stamping Co., The: *See*—  
Roesch, George R. 2,738,686.
- Rush, Thomas C. Mobile gin pole hay stacker. 2,752,057, 6-26-56, Cl. 214-701.
- Rush, Thomas L. Safety control for vehicles. 2,773,993, 12-11-56, Cl. 307-10.
- Rushing, George J. Device for attachment with a handle. 2,748,415, 6-8-56, Cl. 15-236.
- Rushing, Nathan C. Lifting clamps for hoisting lines. 2,761,725, 9-4-56, Cl. 294-78.
- Rushing, Ray R., Jr. Pipe marker. 2,742,706, 4-24-56, Cl. 13-175.
- Rusinoff, Samuel E., and R. M. Schumacher, to Caine Steel Co. Means for supplying power to rotating shearing blades. 2,764,238, 9-25-56, Cl. 164-66.
- Ruskin, Henry, to Swingline Inc. Plastic box hinge. 2,733,830, 2-7-56, Cl. 220-31.
- Ruskin, Robert E., and R. D. Merrill. True air speed meter. 2,750,798, 6-19-56, Cl. 73-204.
- Ruskin, Simon L. Apparatus for digestion of organic material. 2,734,818, 2-14-56, Cl. 23-259.1.
- Russ, Daniel G.: *See*—  
Atkinson, Allen S. 2,761,280.
- Russ, John C.: *See*—  
Camilli, Guglielmo, Kierstead, Vandergrift, and Russ. 2,751,562.
- Cederstrom, Curtiss M., Blair, and Russ. 2,756,397.
- Russ, John M., Jr.: *See*—  
Langer, Theodore W., and Russ. 2,768,141.
- Russell, Matthew J. Fertilizer distributor. 2,748,989, 6-5-56, Cl. 222-29.
- Russell, Alexander: *See*—  
Hopton, Alan, and Russell. 2,739,433.
- Hopton, Alan, and Russell. 2,753,974.
- Russell, Alfred R. Steering devices. 2,737,060, 3-6-56, Cl. 74-562.
- Russell, Alfred W., to Russell Reinforced Plastics Corp. Reinforced plastic structural member. 2,742,388, 4-17-56, Cl. 154-110.
- Russell, Alfred W., to Russell Reinforced Plastics Corp. Plastic structural member. 2,748,048, 5-29-56, Cl. 154-116.
- Russell, Alva G.: *See*—  
Hanson, Walter J., and Russell. 2,743,668.
- Russell, Alva G., to Pitney-Bowes, Inc. Date wheel setting device. 2,730,041, 1-10-56, Cl. 101-110.
- Russell, Alva G., and W. F. Bernart to Pitney-Bowes, Inc. Totalizing mechanism. 2,774,537, 12-18-56, Cl. 235-139.
- Russell, Andrew C. Breaker point assembly for internal combustion engine. 2,729,725, 1-3-56, Cl. 200-166.
- Russell, Andrew C. Pressure equalizing breaker point assembly. 2,735,905, 2-21-56, Cl. 200-31.
- Russell, Andrew C. Circuit breaker for ignition systems of internal combustion engines. 2,769,044, 10-30-56, Cl. 200-30.
- Russell, Andrew C. Breaker point mechanism for motor vehicle distributors. 2,769,045, 10-30-56, Cl. 200-31.
- Russell, Andrew C. Breaker point apparatus. 2,769,046, 10-30-56, Cl. 200-31.
- Russell, Arthur G., F. A. Clary, Jr., F. B. Casey, and R. E. Dallan, to W. R. Grace & Co. Package sealing machine. 2,733,442, 2-7-56, Cl. 1-187.
- Russell, Arthur G., F. A. Clary, Jr., F. B. Casey, and R. E. Dallan, to W. R. Grace & Co. Package sealing machine. 2,733,564, 2-7-56, Cl. 53-45.
- Russell, Barrett B., 3rd: *See*—  
Massa, Victor F., and Russell. 2,739,049.
- Russell, Bennett D., to Elkhardt Brass Mfg. Co., Inc. Locking type valve. 2,741,138, 4-10-56, Cl. 74-531.
- Russell, Bud. Ice cream machine. 2,751,064, 6-19-56, Cl. 198-131.
- Russell, Charles, G. S. Hunter, and C. E. Gregory, to Bendix Aviation Corp. Ship's log. 2,756,593, 7-31-56, Cl. 74-186.
- Russell, Charles W., to Republic Aviation Corp. Universal joint adapter. 2,730,876, 1-17-56, Cl. 64-17.
- Russell, Edward J., and F. B. Wells, to Trojan Powder Co. Production of polyacetylenethiols. 2,745,880, 5-15-56, Cl. 260-615.
- Russell, Emily L.: *See*—  
Russell, George L. 2,733,948.
- Russell, George L.: *See*—  
Russell, George L. 2,736,453.
- Russell, Francis R.: *See*—  
Nichols, Edward W. S., and Russell. 2,773,811.
- Ricards, Harold A., Jr., Matheson, Cooper, Knox, and Russell. 2,741,177.
- Russell, Francis R., to Esso Research and Engineering Co. Conversion of carbonaceous solids into volatile products. 2,741,549, 4-10-56, Cl. 48-206.
- Russell, Francis R., and W. T. Knox, Jr., to the United States of America as represented by the Secretary of War. Tail ejection bomb loading. 2,741,178, 4-10-56, Cl. 102-6.
- Russell, Francis R., and A. R. Koos, to Esso Research and Engineering Co. Packing gland seal. 2,758,855, 8-14-56, Cl. 286-7.
- Russell, Francis R., W. K. Fell, and R. H. Mueller, to Esso Research and Engineering Co. Apparatus for settling particles. 2,741,549, 4-10-56, Cl. 23-56, Cl. 210-51.
- Russell, Fred J. Tail structure for door locks. 2,736,597, 2-28-56, Cl. 292-337.
- Russell, Fred J. Self-aligning lock structure. 2,739,004, 3-20-56, Cl. 292-337.
- Russell, Fred J. Dead latch mechanism. 2,742,310, 4-17-56, Cl. 292-169.
- Russell, Frederick J., to Eastman Kodak Co. Method of preparing washed photographic emulsions. 2,768,079, 2-22-56, Cl. 292-567.
- Russell, George F.: *See*—  
Mann, Julius W., and Russell. 2,761,940.
- Russell, George L., deceased (E. L. Russell, executrix). Magnetic devices. 2,733,948, 2-7-56, Cl. 294-65.5.
- Russell, George L., deceased (E. L. Russell, executrix). Magnetic devices. 2,733,949, 2-7-56, Cl. 294-65.5.
- Russell, George L., deceased (E. L. Russell, executrix). Stacking basket. 2,736,453, 2-28-56, Cl. 220-19.
- Russell, Glenn H. Shield for pump cradles. 2,735,577, 2-20-56, Cl. 220-55.
- Russell, Harold W.: *See*—  
Forsythe, George, and Russell. 2,736,071.
- Russell, Harry J., to Baker & Co., Inc. Orthodontic device. 2,768,141, 9-30-56, Cl. 32-14.
- Russell, Harry J., W. G. Mairs, and R. J. Hennessey, to Waldford Paper Products Co. Cellular containers. 2,749,014, 6-5-56, Cl. 229-27.
- Russell, John A. Weighted lure retriever. 2,770,062, 11-13-56, Cl. 43-17.2.
- Russell, John A., and W. C. Smith. Automatic shut-off for winding apparatus. 2,752,462, 6-26-56, Cl. 200-153.
- Russell, John C., and J. S. Kennedy, to American Cyanamid Co. Beneficiation of bauxite. 2,769,542, 11-6-56, Cl. 20-286.
- Russell, John D., to Joy Mfg. Co. Floor clean-up arrangement for continuous miner. 2,744,607, 5-8-56, Cl. 198-9.
- Russell, John D., to Joy Mfg. Co. Swinging mechanism for the disintegrating head of a continuous miner. 2,751,208, 6-19-56, Cl. 198-29.
- Russell, John D., to Joy Mfg. Co. Replaceable flight conveyor chain. 2,756,868, 7-31-56, Cl. 198-176.
- Russell, John D., to Joy Mfg. Co. Vehicles with track-laying treads and wheel supports. 2,758,550, 8-14-56, Cl. 10-215.
- Russell, John D., to Joy Mfg. Co. Dislodging and disintegrating mechanism for mining apparatus. 2,768,820, 10-30-56, Cl. 262-9.
- Russell, John D., and L. G. Felderman, to Joy Mfg. Co. Conveyor chain with replaceable flights. 2,756,867, 7-31-56, Cl. 198-176.
- Russell, John G. Valve mechanism for filling and controlling fuel level in a tank. 2,750,954, 6-19-56, Cl. 137-400.
- Russell, John J., W. A. Beck, and J. Kollman, to Ekco Products Co. Tin plate baking pan. 2,738,897, 3-20-56, Cl. 220-64.
- Russell, John J., and H. N. Headland, to Ekco Products Co. Method of forming an oxide coating on tin. 2,771,410, 11-20-56, Cl. 204-37.
- Russell, John J., W. A. Beck, and J. Kollman, to Ekco Products Co. Composite metal and articles thereof. 2,773,817, 12-11-56, Cl. 204-37.
- Russell, John K., to Luber-Finer Inc. Apparatus for perforating a strip of filter material for use in a filter element. 2,762,433, 11-56, Cl. 164-99.
- Russell-Lacey Mfg. Co., Inc.: *See*—  
Wear, John H. 2,741,196.
- Russell, Linus E., to Peters & Russell, Inc. Hull having pivotal hull units. 2,747,536, 5-29-56, Cl. 114-77.
- Russell, Linus E., to Peters & Russell, Inc. Inflation valve with manual operator. 2,772,692, 12-4-56, Cl. 137-223.
- Russell Mfg. Co., The: *See*—  
Hendley, James A. 2,768,652.
- Rasero, Lawrence J., and Russell. 2,748,127.
- Runtan, Leslie A. 2,768,420.
- Russell Mfg. Co., Inc., The: *See*—  
Russell, Robert A. 2,746,280.
- Russell, Peter B.: *See*—  
Baltzly, Richard, Lorz, and Russell. 2,767,185.
- Baltzly, Richard, and Russell. 2,748,126.
- Baltzly, Richard, and Russell. 2,748,127.
- Baltzly, Richard, and Russell. 2,748,128.
- Hitchings, George H., and Russell. 2,767,183.
- Hitchings, George H., and Russell. 2,769,809.
- Hitchings, George H., Russell, and Whitbaker. 2,745,831.
- Russell, Ralph D.: *See*—  
Kuss, Theodore M., and Russell. 2,750,750.
- Russell, Ray A. Umbrella latch and runner combination. 2,745,421, 5-15-56, Cl. 135-38.



- Russell Reinforced Plastics Corp.: See—  
 Russell, Alfred W. 2,742,388.  
 Russell, Alfred W. 2,748,048.  
 Russell, Richard B.,  $\frac{1}{2}$  to S. E. Russell,  $\frac{1}{4}$  to R. P. Russell, and  $\frac{1}{4}$  to R. A. Russell. Smoker's article. 2,768,631, 10-30-56, Cl. 131—235.  
 Russell, Richard H. Liquid dispensing apparatus. 2,757,827, 8-7-56, Cl. 222—482.  
 Russell, Richard P.: See—  
 Russell, Richard E. 2,768,631.  
 Russell, Robert A. to the Russell Mfg. Co., Inc. Cone for dyeing yarn. 2,746,280, 5-22-56, Cl. 68—198.  
 Russell, Robert C. to Eaton Mfg. Co. Mechanical movement device. 2,739,491, 3-27-56, Cl. 74—459.  
 Russell, Robert C. Power transmitting mechanisms. 2,739,494, 3-27-56, Cl. 74—677.  
 Russell, Robert C. to Eaton Mfg. Co. Valve gear mechanism. 2,743,713, 5-1-56, Cl. 123—90.  
 Russell, Robert C. to Eaton Mfg. Co. Dual-turbine torque converter. 2,749,710, 6-12-56, Cl. 60—54.  
 Russell, Robert C. to Eaton Mfg. Co. Automatic length adjusting mechanism. 2,749,891, 6-12-56, Cl. 123—90.  
 Russell, Robert C. to Eaton Mfg. Co. Self-adjusting valve actuating mechanism. 2,752,904, 7-3-56, Cl. 123—90.  
 Russell, Robert C. to Eaton Mfg. Co. Self-adjusting valve actuating mechanism. 2,753,855, 7-10-56, Cl. 123—90.  
 Russell, Robert C. to Eaton Mfg. Co. Gear shifting mechanism. 2,754,692, 7-17-56, Cl. 74—473.  
 Russell, Robert C. to Eaton Mfg. Co. Power transmitting mechanism. 2,768,532, 10-30-56, Cl. 74—424.  
 Russell, Robert G. to Davy and United Engineering Co. Ltd. Conveyor system, particularly for use with rolling mills. 2,738,138, 3-13-56, Cl. 242—79.  
 Russell, Robert G. to Davy and United Engineering Co. Ltd. Collier drum for strip material. 2,755,031, 7-17-56, Cl. 242—72.  
 Russell, Robert L.: See—  
 Russell, Richard E. 2,768,631.  
 Russell, Roy W. and E. A. Steckel. To The Gates Rubber Co. Control apparatus for strips. 2,750,986, 6-19-56, Cl. 154—1.  
 Russell, Stanley D. to J. I. Case Co. Retractable drawbar support. 2,750,205, 6-12-56, Cl. 280—150.5.  
 Russell, Stanley D. to J. I. Case Co. Bale ventilating means. 2,763,203, 9-18-56, Cl. 100—98.  
 Russell, Stanley D. to J. I. Case Co. Convertible pick-up unit for balers. 2,775,089, 12-25-56, Cl. 56—341.  
 Russell, Susan E.: See—  
 Russell, Richard E. 2,768,631.  
 Russell, Theodore. Combination band and foot controlled gas throttle operating pedal mechanism. 2,755,684, 7-24-56, Cl. 74—482.  
 Russell, Theodore. Liquid measuring dispenser. 2,768,660, 10-30-56, Cl. 141—319.  
 Russell, Theodore A.: See—  
 Mercier, Joseph A., Torpey, and Russell. 2,761,419.  
 Russell, Theodore A. to Eastman Kodak Co. Multiple coating apparatus. 2,761,418, 9-4-56, Cl. 118—410.  
 Russell, Theodore A. to Eastman Kodak Co. Method of multiple coating. 2,761,791, 9-4-56, Cl. 117—34.  
 Russell, Theodore A. to Eastman Kodak Co. Multiple coating apparatus. 2,761,417, 9-4-56, Cl. 118—410.  
 Russell, William A.: See—  
 Bentele, Max, Lowthian, and Russell. 2,743,945.  
 Russell, William J.: See—  
 Weber, Victor, and Russell. 2,757,260.  
 Weber, Victor, and Russell. 2,759,071.  
 Russell, William J. to Landers, Frary and Clark. Food chopper and base therefor. 2,734,539, 2-14-56, Cl. 146—182.  
 Russell, William J. to Robertshaw-Fulton Controls Co. Control device for fluid fuel burners. 2,754,060, 7-10-56, Cl. 236—1.  
 Russell, William S. to Parker Rust Proof Co. Phosphate metal coatings. 2,743,204, 4-24-56, Cl. 148—615.  
 Russell, William S. to Parker Rust Proof Co. Method of coating metals with amine phosphate coating and composition therefor. 2,766,153, 10-9-56, Cl. 148—616.  
 Russell, William S. to Parker Rust Proof Co. Method of coating metals with amine phosphate coating and composition therefor. 2,766,154, 10-9-56, Cl. 148—616.  
 Russell, William S. to Parker Rust Proof Co. Amine phosphate coating solutions and method of coating. 2,769,737, 11-6-56, Cl. 148—615.  
 Russell, William W. and H. C. Allen, to Sayles Finishing Plants, Inc. Method of making glazed pattern fabric. 2,733,998, 2-7-56, Cl. 74—1.  
 Russo, Louis. Dental-floss holder. 2,735,436, 2-21-56, Cl. 132—91.  
 Russo, Rocco A. Method of forming Mozzarella cheese. 2,733,148, 1-31-56, Cl. 99—116.  
 Russon, Wallace S.: See—  
 Chambers, Karl E., Russon, and Whiting. 2,742,773.  
 Rust, David J. and J. H. Jensen, to Ry-Lock Co., Ltd. Mounting bracket for tension type screen units. 2,730,172, 1-10-56, Cl. 160—328.  
 Rust, David J., and J. H. Jensen, to Rylock Co., Ltd. Door frame structure. 2,770,334, 11-13-56, Cl. 189—46.  
 Rust, Edgar C., Jr.: See—  
 Morill, Frank B., and Rust. 2,729,446.  
 Rust, Frederick F.: See—  
 Porter, Lee M., and Rust. 2,730,559.  
 Rust, Frederick F., and L. M. Porter, to Shell Development Co. Process for preparing unsaturated organic compounds. 2,755,322, 2-17-56, Cl. 260—680.  
 Rust, John B.: See—  
 Hammer, Irving P., and Rust. 2,744,883.  
 Rust, Mack D. Mobile device for removing moisture from growing plants. 2,767,486, 10-23-56, Cl. 34—218.  
 Rust, Noel M., and C. S. Cokerell, to Marconetti Wireless Telegraph Co. Ltd. Radio navigation aids for aircraft. 2,748,385, 5-29-56, Cl. 343—108.  
 Rust, Noel M., and J. F. Ramsay, to Radio Corp. of America. Metallic lens antennas. 2,764,757, 9-25-50, Cl. 343—783.  
 Rust, William M., Jr., to Esso Research and Engineering Co. Method of presenting seismic information. 2,767,388, 10-16-56, Cl. 340—15.  
 Rust, William M., Jr., to Esso Research and Engineering Co. Radio frequency surveying system. 2,768,374, 10-23-56, Cl. 343—105.  
 Rustad, Loma W., and J. W. Taylor, Jr., to the United States of America as represented by the Secretary of the Navy. Crystal holder. 2,748,273, 5-29-56, Cl. 250—31.  
 Ruston & Hornsby Ltd.: See—  
 Feilden, Geoffrey B. R. 2,743,080.  
 Rutgers, Benjamin J., to W. E. Dunn Mfg. Co. Tile appliance. 2,752,656, 7-3-56, Cl. 25—42.  
 Rutgers Research and Endowment Foundation: See—  
 Nickerson, Walter J., and Merkel. 2,734,027.  
 Rutgerswerke-Aktiengesellschaft: See—  
 Geller, Julius. 2,732,352.  
 Geller, Julius. 2,758,061.  
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 Meis, Helmut, Scheib, and Decker. 2,769,798.  
 Ratte, Heinrich, and Geller. 2,766,190.  
 Ruth Brothers: See—  
 Ruth, Ira T. 2,743,111.  
 Ruth, Herman A.: See—  
 MacAfee, Merrill W., and Ruth. 2,751,037.  
 Ruth, Herman A., and M. W. MacAfee, to Pacific Foundry Co., Ltd. Separation of suspended solids from fluids. 2,751,043, 6-19-56, Cl. 183—85.  
 Ruth, Ira T., to Ruth Brothers. Spreader box attachment for talc bags, including relatively adjustable gate members. 2,743,111, 4-24-56, Cl. 275—2.  
 Ruth, John A., to Olin Mathieson Chemical Corp. Explosive. 2,760,434, 8-28-56, Cl. 102—20.  
 Ruth, John A., and R. V. Wakefield, to Olin Mathieson Chemical Corp. Cored ammonium nitrate explosive cartridge. 2,754,755, 7-17-56, Cl. 102—24.  
 Ruth, Joseph P.: See—  
 Griffith, Donald I. 2,733,029.  
 Ruth, Joseph P. Sugar diffusing apparatus. 2,749,258, 6-5-56, Cl. 127—7.  
 Ruth, Joseph P. Exhaust gas conditioner. 2,754,182, 7-10-56, Cl. 23—284.  
 Ruth, Joseph P. Gas-conditioning system. 2,768,881, 10-30-56, Cl. 23—284.  
 Ruth, Joseph P. Exhaust gas conditioning method. 2,733,733, 12-11-56, Cl. 23—2.  
 Ruthard, Konrad, to W. C. Heraeus, G. m. b. H., Platin-schmelze. Recovery of platinum in catalytic gas reactions. 2,747,679, 5-29-56, Cl. 183—1.  
 Rutherford, Frost B., to Vapor Heating Corp. Sanitary toilet for railway cars. 2,763,871, 9-25-56, Cl. 4—8.  
 Rutherford, Harry T. Grinding machine feeding device. 2,729,920, 1-10-56, Cl. 51—92.  
 Rutherford, Jerome J.: See—  
 Sloan, Harry E., and Rutherford. 2,757,010.  
 Sloan, Harry E., Rutherford, and Hickey. 2,732,216.  
 Rutherford Press, Inc.: See—  
 Orr, Norman T. 2,769,557.  
 Rutherford, Robert, to Sun Oil Co. Liquid applicator for packaging machines and the like. 2,774,094, 12-18-56, Cl. 15—127.  
 Ruthinger, Berthold, to K. Wessel. Overload couplings. 2,760,361, 1-18-56, Cl. 64—29.  
 Ruthing, Othmar. Drum-type pickling machine. 2,766,562, 10-16-56, Cl. 51—164.  
 Ruthner, Othmar. Plant for pickling metallic workpieces. 2,772,523, 12-4-56, Cl. 51—164.  
 Rutishauser, Hans. Device for indicating physical phenomena. 2,774,870, 12-18-56, Cl. 250—27.  
 Rutkowski, John. Steam bath attachment. 2,753,433, 7-3-56, Cl. 219—38.  
 Rutkus, Harold V.: See—  
 Sabee, Reinhardt, N., Rutkus, and Greiner. 2,761,676.  
 Rutkus, Harold V., and C. J. Greiner, to Kimberly-Clark Corp. Jaw for grasping sheet material therebetween and moving same to a new position. 2,761,506, 9-4-56, Cl. 164—84.5.  
 Rutkus, Harold V., and C. J. Greiner, to Kimberly-Clark Corp. Method and apparatus for separating tissue packs. 2,761,677, 9-4-56, Cl. 270—39.  
 Rutledge, Carl M. Collapsible golf cart. 2,743,115, 4-24-56, Cl. 280—42.  
 Rutledge, Carl M. Collapsible frame for golf carts. 2,756,064, 7-24-56, Cl. 280—41.  
 Rutledge, James F.: See—  
 Kovach, Leslie J., and Rutledge. 2,740,876.  
 Rutledge, Robert E. Live bait bag. 2,735,215, 2-21-56, Cl. 43—55.

- Rütschi, Karl. Electric motor-driven pump. 2,756,680, 7-31-56, Cl. 103-87.
- Rutten, Walter. Construction of dome-shaped roofs. 2,769,409, 11-6-56, Cl. 108-32.
- Rutter, Harley E. Angle brush holder. 2,746,076, 5-22-56, Cl. 15-246.
- Rutkay, Paul. To Western Electric Co., Inc. Article handling and storage apparatus. 2,747,719, 5-29-56, Cl. 198-24.
- Rützenhofer, Hans. *See*—
- Seli, George, and Rützenhofer. 2,744,588.
- Ruzek, Jan M. *See*—
- Persson, John A., and Ruzek. 2,756,811.
- Ruzicka, Leopold, H. Heusser, and O. Jeger, to Ciba Pharmaceutical Products, Inc. Hydroxyl compounds of the steroid series and process of making same. 2,743,287, 4-24-56, Cl. 260-397.2.
- Ruzicka, Leopold, H. Heusser, and O. Jeger, to Ciba Pharmaceutical Products, Inc. Process for preparing 9,11-oxido-steroids. 2,768,163, 10-23-56, Cl. 260-393.55.
- Ruzicka, Leopold, H. Heusser, and O. Jeger, to Ciba Pharmaceutical Products, Inc. Process for preparing 11-hydroxy-steroids. 2,768,184, 10-23-56, Cl. 260-397.1.
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- Ryab, John, Jr. Coil holder. 2,775,416, 12-25-56, Cl. 242-78.
- Ryall, Edward W. Device for removing liquid and liquefiable vapors from gas. 2,746,562, 5-22-56, Cl. 183-67.
- Ryan Aeronautical Co., The. *See*—
- Bunnett, William F., Baxter, Fischer, and Vyvyan. 2,743,163.
- Sanborn, Daniel S. 2,745,249.
- Ryan, Alfred J. *See*—
- Parshall, Ralph L. 2,756,656.
- Ryan, Charles. *See*—
- Gilbert, Alfred C., and Ryan. 2,754,620.
- Ryan, Charles B. Match book dispenser and supporting bracket therefor. 2,730,231, 1-10-56, Cl. 206-30.
- Ryan, Daniel W. *See*—
- Longstrech, Audrey O., and Ryan. 2,770,007.
- Ryan, Donald P. Power transmission device. 2,731,843, 1-24-56, Cl. 74-200.
- Ryan, Edmund J. Water purification. 2,771,416, 11-20-56, Cl. 210-19.
- Ryan, Eugene H. Dynamo-electric transmission. 2,754,437, 7-10-56, Cl. 310-102.
- Ryan, Herl J. Line marking machine. 2,771,223, 11-20-56, Cl. 222-177.
- Ryan, James F., Jr. *See*—
- Martin, William M., and Ryan. 2,744,531.
- Ryan, James J. Constant speed drive. 2,750,552, 6-12-56, Cl. 318-302.
- Ryan, James J., to General Mills, Inc. Balloon with load supporting tapes. 2,771,256, 11-20-56, Cl. 244-31.
- Ryan, James L. Journal box construction for railway cars. 2,733,966, 2-7-56, Cl. 308-40.
- Ryan, James P. Flashlight and electrical testing device. 2,742,607, 4-17-56, Cl. 324-53.
- Ryan, Jerome A., to The Sherwin-Williams Co. Wet ink finishing varnish comprising an oil-alkyd, a liquid halogenated aromatic hydrocarbon and a polymethyl silicone. 2,732,355, 1-24-56, Cl. 260-22.
- Ryan, Raymond R. *See*—
- Eastman, Daniel E., and Ryan. 2,753,056.
- Ryan Recording Thermometer Co. *See*—
- Bristol, Donald R. 2,772,016.
- Ryan, Robert B. Closure. 2,765,094, 10-2-56, Cl. 220-31.
- Ryan, Stanley, to Northrop Aircraft, Inc. Explosive cartridge retraction of landing gear. 2,758,807, 8-14-56, Cl. 244-102.
- Ryan, William, to Commissioner of Welfare of the City of New York. Strainer valve. 2,738,804, 3-20-56, Cl. 137-549.
- Ryan, William J. Automatic power transmission. 2,755,683, 7-24-56, Cl. 74-472.
- Ryberg, Arling W., to Lear, Inc. End plate for a gyroscope rotor or the like. 2,771,778, 11-27-56, Cl. 74-5.
- Rybolt, Ora M. Control system for electric welder. 2,734,116, 2-7-56, Cl. 219-8.
- Ryckman, George E., to Miller Pottery Engineering Co. Cuo finishing machine. 2,734,947, 2-14-56, Cl. 25-24.
- Ryckman, George E., to The Homer Laughlin China Co. Cuo handle stroking machine. 2,770,214, 11-13-56, Cl. 118-242.
- Ryckman, William D., Jr., to General Electric Co. Means for focusing a varying magnetic field. 2,747,140, 5-22-56, Cl. 315-344.
- Ryckman, William D., Jr., to General Electric Co. Heating apparatus. 2,767,291, 10-16-56, Cl. 219-10.55.
- Rycroft, Alan K. Filler plug for cigarette lighters. 2,768,641, 10-30-56, Cl. 284-18.
- Ryd, Sven E., to Atlas Copco Aktiebolaget. Means for drilling in rock or the like. 2,757,906, 8-7-56, Cl. 255-64.
- Ryde, John L., to McCulloch Motors Corp. Power saw chain. 2,730,143, 1-10-56, Cl. 142-135.
- Ryde, John L., to McCulloch Motors Corp. Liquid delivering device. 2,770,363, 11-13-56, Cl. 210-46.
- Ryde, John W. *See*—
- Douglas, Ronald W., and Ryde. 2,736,849.
- Rydell, Robert G., to National Aluminate Corp. Method of treating water introduced into underground formations. 2,738,325, 3-13-56, Cl. 252-8.55.
- Ryden, Carl E. Fish knocker. 2,757,002, 7-31-56, Cl. 273-67.
- Ryden, David M. Side draft control attachment. 2,754,743, 7-17-56, Cl. 97-53.
- Ryder, Donald F. Process of making a protective gun case. 2,737,136, 3-6-56, Cl. 112-262.
- Ryder, Frank A., to Stewart-Warner Corp. Sealed heating and combustion air supply system. 2,754,816, 7-17-56, Cl. 126-307.
- Ryder, Frank A., to Stewart-Warner Corp. Venting system for combustion heaters. 2,764,972, 10-2-56, Cl. 126-307.
- Ryder, Frederick L. Electrical analyzer of structures. 2,766,932, 10-16-56, Cl. 235-61.
- Ryder, Herman. *See*—
- Swenson, Harvey F., Baudat, and Ryder. 2,746,730.
- Ryder, James H. *See*—
- Thorn, John W., Swaisgood, and Ryder. 2,737,164.
- Ryder, James W. *See*—
- Betts, Raymond L., Corning, Ricards, and Ryder. 2,769,765.
- Ryder, Reinald D., to Sun Oil Co. Demountable scaffold. 2,771,524, 11-20-56, Cl. 304-2.
- Rydgren, Karl E. N. *See*—
- Larsson, Lars E. H., and Rydgren. 2,743,645.
- Rye, John K. *See*—
- Kay, John G., and Rye. 2,744,612.
- Ryerson, John. To the United States of America as represented by the Secretary of the Navy. Apparatus for detecting a magnetic field. 2,752,564, 6-26-56, Cl. 324-43.
- Rverson, Clifford M., and J. T. Rull. Condition analyzing and recording apparatus. 2,738,192, 2-28-56, Cl. 73-35.
- Ry, Theodor. Temple for looms. 2,730,139, 1-10-56, Cl. 139-294.
- Ryker, Don W. *See*—
- Swenson, Oscar J., and Ryker. 2,774,725.
- Ryker, Don W., to Olin Mathieson Chemical Corp. Hydrazine. 2,768,883, 10-30-56, Cl. 52-0.5.
- Ryker, Don W., and O. J. Swenson, to Olin Mathieson Chemical Corp. Manufacture of hydrazine. 2,740,692, 4-3-56, Cl. 23-190.
- Rylander, Paul N., to Standard Oil Co. Hydrocarbon desulfurization process by reacting the sulfur in the hydrocarbon with an olefin and a catalyst, then extracting the hydrocarbon with  $\text{SO}_2$  and  $\text{RF}_3$ . 2,739,102, 3-20-56, Cl. 196-30.
- Rylander, Paul N., Jr., and W. J. Zimmerschied, to Standard Oil Co. Phosphoric acid-vanadium pentoxide catalyst and hydrocarbon conversions therewith. 2,773,921, 12-13-56, Cl. 260-683.15.
- Rv-Loek Co., Ltd. *See*—
- Jensen, Jack H. 2,745,487.
- Jensen, Jack H. 2,759,536.
- Rust, David J., and Jensen. 2,730,172.
- Rust, David J., and Jensen. 2,770,334.
- Rymes, William H., to Raytheon Mfg. Co. Transducers. 2,753,543, 7-3-56, Cl. 340-11.
- Rymkevitch, Arnold S. Combined crane and bulldozer. 2,770,895, 11-20-56, Cl. 377-117.5.
- Rymland, Murray J. *See*—
- Gaudi, Joseph. 2,765,815.
- Rynders, Robert D. *See*—
- Miller, George B., and Rynders. 2,764,941.
- Rynerson, John P., Jr., W. W. Ballantine, W. R. Kidder, and P. O. Gibson, to Union Carbide and Carbon Corp. Shell molding machine. 2,728,963, 1-3-56, Cl. 22-9.
- Rynn, Nathan, to Radio Corp. of America. Color selection circuit for television. 2,738,378, 3-13-56, Cl. 178-5.5.
- Rynn, Nathan, to Radio Corp. of America. Keying arrangement for single beam color tube. 2,745,037, 5-8-56, Cl. 315-30.
- Ryno, Earle R., and W. M. McKillop, to M. M. Hoover. Shock-proof package. 2,771,184, 11-20-56, Cl. 206-46.
- Ryon, Adelbert H. *See*—
- Pross, William C., and Ryon. 2,761,411.
- Ryon, Maurice G. *See*—
- Blackhall, James M., Blashfield, Simmons, Ryon, and Crow. 2,767,250.
- Blackhall, James M., Ryon, Baker, and Martin. 2,742,535.
- Ryon, Maurice G., and D. S. Baker, to North Electric Co. Shock-proof package. 2,742,533, 4-17-56, Cl. 179-27.54.
- Ryon, Thomas N. *See*—
- Liebman, Joseph N., and Ryon. 2,775,413.
- Rypinski, Albert B., to Murray Mfg. Corp. Circuit breaker. 2,759,063, 8-14-56, Cl. 200-89.
- Rystan Co. *See*—
- Gruskin, Benjamin. 2,773,802.
- Peck, Samuel M. 2,729,586.
- Ryszewski, Vincent. *See*—
- Loofborough, Alan G., Ryszewski, Folkerts, and Toot. 2,753,778.



- Ryznar, John W., to National Aluminate Corp. Method of improving heat exchanger aqueous pumping systems and compositions therefor. 2,757,142, 7-31-56, Cl. 252-73.
- Ryznar, John W., and W. H. Kirkpatrick, to National Aluminate Corp. Inhibition of corrosion in return steam condensate lines. 2,771,417, 11-20-56, Cl. 210-23.
- Rzeszutko, Stanley J., to The Hess Co. Fluorescent light fixture. 2,769,897, 11-6-56, Cl. 240-51.11.
- S. A. F. F. A., S. p. a. Fabbriche Fiammiferi ed Affini: See—Molla, Pietro. 2,760,489.
- Molla, Pietro. 2,764,919.
- S. A. Le Progres Industriel: See—Tabet, Willy. 2,747,450.
- S. A. T. A. M., Societe Anonyme pour Tous Appareillages Mecaniques: See—Meyer, Jean G. A. M. J. 2,775,367.
- S & C Electric Co.: See—Baker, Charles H. 2,750,469.
- Gussow, William A. 2,766,340.
- Lindell, Sigurd I. 2,745,921.
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- S. E. C. I. Societa Eletrotecnica Chimica Italiana: See—Canegallo, Giovanni. 2,758,183.
- SKF Industries, Inc.: See—Bratt, Axel E. 2,764,437.
- Kort, Fritz. 2,749,192.
- Kylen, Karl E. 2,762,312.
- Lovell, Louis R., and West. 2,765,518.
- Palmgren, Nils A. 2,740,675.
- Palmgren, Per G. 2,730,414.
- Palmgren, Per G. 2,762,317.
- Palmgren, Per G., and Ball. 2,751,266.
- Törnholm, Hilmar V. 2,735,516.
- SKF Kugellagerfabriken Gesellschaft mit beschränkter Haftung: See—Beck, Hans, and Fink. 2,743,141.
- Beck, Hans J., and Schmid. 2,730,771.
- Dausch, Erwin F. 2,746,095.
- Dausch, Erwin F. 2,751,632.
- Fink, Heinrich, and Steichele. 2,750,237.
- Johannsen, Bertil. 2,774,113.
- Rogner, Ernst, and Steichele. 2,750,239.
- Schmid, Erwin F. 2,757,992.
- Schmid, Erwin F., and Sack. 2,740,164.
- S. & M. Products Co., Inc.: See—Martinson, Oscar M., and Speiser. 2,762,540.
- S-M Tappet Sales: See—Moser, Robert C. 2,751,896.
- SODRICO, Societe des Constructeurs de Geneve: See—Moloni, Mario, and Schnauber. 2,740,870.
- S & S Corrugated Paper Machinery Co., Inc.: See—Shields, Albert F. 2,751,983.
- Shields, Albert F. 2,754,731.
- Shields, Albert F. 2,758,521.
- S & S Hinge and Metal Products Co.: See—Augensen, Roy V., Jr. 2,758,332.
- S. S. Industries, Inc.: See—Schwartz, Marcus. 2,746,052.
- S. S. S. Gears Ltd.: See—Short, Philip J. 2,733,791.
- Short, Philip J. 2,761,925.
- S & W Fine Foods, Inc.: See—Carroll, Ellsworth W. 2,731,199.
- Carroll, Ellsworth W. 2,742,066.
- Carroll, Ellsworth W. 2,742,136.
- Carroll, Ellsworth W. 2,742,137.
- Carroll, Ellsworth W. 2,742,711.
- Metcalf, Herbert E. 2,742,068.
- Seaman, Edward L. 2,773,462.
- Wormser, Paul, and Metcalf. 2,731,051.
- Saalfrank, Royall R., to Milton Roy Co. Pump with facilities for cleaning. 2,733,664, 2-7-56, Cl. 103-153.
- Saarbergwerke: See—Quoniam, Jean M. 2,279,946.
- Saari, Oliver E., to Illinois Tool Works. Method of making speed-reduction gearing. 2,731,886, 1-24-56, Cl. 90-4.
- Saars, William F.: See—Cary, George E., Rakoff, and Saars. 2,736,965.
- Saaty, Theodore N. Fuel injecting device for internal combustion engine. 2,752,135, 6-26-56, Cl. 261-39.
- Sabaro, Albert R., O. E. Fred, and J. D. Horner, to the United States of America as represented by the Secretary of the Army. Package opener. 2,730,254, 1-10-56, Cl. 214-305.
- Sabato, Louis. Bicycle trailer. 2,750,206, 6-12-56, Cl. 280-204.
- Sabee, Reinhardt N.: See—Banks, Charles T., Greiner, and Sabee. 2,759,441.
- Greiner, Charles J., and Sabee. 2,761,505.
- Sabee, Reinhardt N., H. V. Rufkus, and C. J. Greiner, to Kimberly-Clark Corp. Sheet inter-folding and associating machine. 2,761,676, 9-4-56, Cl. 270-39.
- Sabel, Edward R., and F. I. Galbrecht, to The Haloid Co. Signalling device for photocopy machine. 2,752,443, 6-26-56, Cl. 200-61.14.
- Sabin, Alfred B., to Alvin R. Campbell Co., Inc. Ship hatch cover structure. 2,763,827, 7-10-56, Cl. 114-201.
- Sabin Co. Gloves: See—Sabin, Irene E. 2,732,559.
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- Sabo, Stephen C.: See—Krupp, Carroll P., and Sabo. 2,756,458.
- Sabol, Albert R., E. K. Fields, and R. E. Karll, to Standard Oil Co. Corrosion inhibitors and compositions containing the same. 2,749,311, 6-5-56, Cl. 252-32.7.
- Saboun, Bahdi H. Electrical heating unit and method of making same. 2,733,324, 1-31-56, Cl. 201-64.
- Sabre Research Corp.: See—Thompson, Tom H. 2,750,745.
- Thompson, Tom H. 2,751,217.
- Saccoccio, Anthony R., to Aro-Sac, Inc. Clasp finding. 2,733,491, 2-7-56, Cl. 24-252.
- Saccoccio, Mario G., to Princess Fair Blouse, Inc. Garment with detachable sleeves. 2,747,075, 12-18-56, Cl. 2-106.
- Sach, Clarence E. Closure caps for the filler necks of automobile petrol tanks. 2,747,763, 5-29-56, Cl. 220-40.
- Sachanen, Alexander N.: See—Feasley, Charles F., Garwood, Sachanen, and Seger. 2,743,275.
- Feasley, Charles F., Garwood, Sachanen, and Seger. 2,743,280.
- Feasley, Charles F., Garwood, Sachanen, and Seger. 2,743,281.
- Sachara, Eugene F., to The B. F. Goodrich Co. Stabilized compositions comprising monomeric 1,1-dicyano ethylene. 2,745,869, 5-15-56, Cl. 260-465.8.
- Sachs, Albert P.: See—Aries, Robert S., and Sachs. 2,758,999.
- Sachs, Stanley I.: See—Sontheimer, Carl G., and Sachs. 2,750,504.
- Sachsinger, Ludwig, to Agfa Camera-Werk Aktiengesellschaft. Photographic roll film camera. 2,736,251, 2-28-56, Cl. 95-32.
- Sachtleben, Heinrich. Ophthalmological instrument. 2,765,702, 10-9-56, Cl. 88-20.
- Sachtleben, Lawrence T., to Radio Corp. of America. Apparatus for and method of testing a projection optical system. 2,771,004, 11-20-56, Cl. 8-56.
- Sacia, Roger R.: See—Welch, Kenneth B., and Sacia. 2,761,176.
- Sack, Benjamin: See—Horvitz, Gerald J. 2,764,539.
- Sack, Henri S.: See—Pelsor, Gene T., and Sack. 2,756,930.
- Sacken, Donald K.: See—Lichtenwalter, Myrl, Peterson, and Sacken. 2,769,016.
- Sacken, Donald K., to Jefferson Chemical Co., Inc. Supported silver surface catalyst and process of producing same. 2,756,283, 10-2-56, Cl. 252-441.
- Sackett, Edward B., and T. D. Seymour. Desk type stereoscope. 2,738,743, 3-20-56, Cl. 8-29.
- Sackett, James J., D. F. Mead, and D. V. Miller, to The Wolf Detroit Envelope Co. Machine for applying sealing material to articles. 2,748,025, 5-29-56, Cl. 117-44.
- Sackett, Justus F.: See—Foley, Adrian M., May, and Sackett. 2,764,313.
- Sackett, Manley R. Combined manual and hydraulic power steering mechanism for vehicles. 2,748,880, 6-5-56, Cl. 180-79.2.
- Sackman, James M.: See—Moberg, Theodore E., and Sackman. 2,769,447.
- Sacker Products, Inc.: See—Francis, John K. 2,741,149.
- Sacks, Irving. Electric grills. 2,735,356, 2-21-56, Cl. 99-339.
- Sacks, Jacob M.: See—Fawley, Myron G., and Sacks. 2,753,393.
- Sacks, Lawrence E., and J. A. Garibaldi. Automatic test tube washer. 2,743,733, 5-1-56, Cl. 134-56.
- Sacksteder, Alfred J., to General Motors Corp. Electrical apparatus. 2,766,369, 10-9-56, Cl. 219-81.
- Saco, Felix, and L. Rockstrom, to Cameron Machine Co. Rewind machine riding roller. 2,743,879, 5-1-56, Cl. 242-56.
- Saco, Felix, and L. Rockstrom, to Cameron Machine Co. Rewind roll suspension and bearing. 2,751,164, 6-19-56, Cl. 242-66.
- Saco-Lowell Shops: See—Anderson, Gordon C. 2,758,340.
- Anderson, Gordon C., and Saco. 2,770,845.
- Curley, Robert S. 2,746,094.
- Gwaltney, Eugene C. 2,770,093.
- Love, George D., and Hopkinson. 2,756,462.
- Marsh, Henry R. 2,731,787.
- Nolles, Douglas G. 2,735,142.
- Park, Arthur L. 2,752,660.
- Pray, Lester W. 2,749,574.
- Tarbox, Philip B. 2,735,141.
- Sacre, Leo D., to Motorola, Inc. Coupling mechanism. 2,770,137, 11-13-56, Cl. 74-1033.
- Sach, Elv. Elmer, to E. C. Brown, Jr., executor, and to R. G. Saceray. Coupling structure. 2,729,458, 1-3-56, Cl. 279-41.
- Sacrev, Ruth G.: See—Sacrev, Elmer P. 2,729,458.
- Saczawa, Matthew F.: See—Bey, Michael P., H. S., and T. W., and Saczawa. 2,761,352.
- Saddington, Arthur W., and S. A. Coleman. Apparatus for resolving highly stable suspensions. 2,742,422, 4-17-56, Cl. 210-52.
- Saddington, Arthur W., and G. R. Tully, Jr. Method of clarifying crude solutions of alginates. 2,742,423, 4-17-56, Cl. 210-52.
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- Sadino, Max, and A. Holtz. Open-mesh fabric. 2,747,392, 5-29-56, Cl. 66-193.
- Sadler Bros., Inc.: *See*—  
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- Sadler, Carl L., Jr.: *See*—  
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- Sadler, Fred S., to The Sharps Corp. Treatment of fatty oils. 2,732,355, 1-24-56, Cl. 260-425.
- Sadler, Harry J., and E. E. Cook, to Hypro Engineering Co. Automatic pressure liquid supply system. 2,732,804, 1-31-56, Cl. 103-25.
- Sadler, Harry J., and E. E. Cook. Motor driven pump. 2,739,537, 3-27-56, Cl. 103-37.
- Sadler, Harry J., and E. E. Cook. Pump. 2,765,745, 10-9-56, Cl. 103-42.
- Sadowsky, Meier: *See*—  
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- Sadowsky, Meier, to Philco Corp. Method of fabricating electrical apparatus. 2,729,533, 1-3-56, Cl. 154-95.
- Sadowsky, Meier, to Philco Corp. Optical system. 2,769,111, 10-30-56, Cl. 313-92.
- Sadwin, Daniel. Extendable closet rod. 2,757,804, 8-7-56, Cl. 31-1.
- Saegert, Marie L.: *See*—  
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- Webber, Owen T. 2,755,795.
- Saeman, Walter C., to Tennessee Valley Authority. Crystallization. 2,737,451, 3-6-56, Cl. 23-302.
- Saetrang, Frank L.: *See*—  
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- Saetler-Lassen, Erik. Machine gun. 2,730,928, 1-17-56, Cl. 8-190.
- Saetler-Lassen, Erik. Machine pistols. 2,749,422, 6-12-56, Cl. 42-75.
- Saurefabrik Schweizerhall: *See*—  
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- Saewert, Harold E.: *See*—  
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- Safety Car Heating and Lighting Co., Inc., The: *See*—  
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- Wharton, William R. 2,753,812.
- Safety Seal Piston Ring Co.: *See*—  
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- Safeway Heat Elements, Inc.: *See*—  
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- Safeway Stores, Inc.: *See*—  
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- Safford, Francis J.: *See*—  
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- Somers, Richard M., and Safford. 2,757,238.
- Safford, Lewis A.: *See*—  
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- Safford, Lewis A., to The New York Air Brake Co. Compressor governor. 2,729,225, 1-3-56, Cl. 137-107.
- Safford, Lewis A., to The New York Air Brake Co. Air brake. 2,754,783, 2-14-56, Cl. 303-22.
- Safford, Lewis A., to The New York Air Brake Co. Gasket. 2,752,181, 6-26-56, Cl. 288-33.
- Safford, Moyer M., to General Electric Co. Combined heating and thermosensitive heating control units. 2,745,943, 3-15-56, Cl. 219-2.
- Safford, William C.: *See*—  
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- Safir, Sidney R., and J. J. Hlavka, to American Cyanamid Co. Acyl derivatives of 3,3-dimethyl piperazinedione. 2,750,385, 6-12-56, Cl. 260-268.
- Safir, Sidney R., and J. J. Hlavka, to American Cyanamid Co. 3-methyl-5-phenyl-2,6-piperazinedione and derivatives thereof and method of preparing same. 2,762,804, 9-11-56, Cl. 260-268.
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- Safranek, Louis L., and K. A. Ohlinger. Fertility period indicator. 2,769,993, 11-8-56, Cl. 235-88.
- Safranek, William H.: *See*—  
Faust, Charles L., and Safranek. 2,748,068.
- Safro, John N.: *See*—  
Jackson, Floyd L., and Safro. 2,766,088.
- Saftlas, Cecil. Child's overall garment with bib. 2,735,103, 2-21-56, Cl. 2-80.
- Safway Steel Products, Inc.: *See*—  
Anderson, Arvid A. 2,760,707.
- Sagal, John, Jr.: *See*—  
Reynolds, George A., and Sagal. 2,756,147.
- Sage, John F. Swing and teeter. 2,738,831, 3-20-56, Cl. 155-62.
- Sage, Richard W., to Esso Research and Engineering Co. Conversion of her hydrocarbonaceous materials. 2,733,192, 1-31-56, Cl. 196-50.
- Sagona, Charles. Multi-purpose height gages. 2,752,688, 7-3-56, Cl. 33-170.
- Sagstuen, Clarence. Multi-joint spring anchor. 2,730,774, 1-17-56, Cl. 20-16.
- Sagura, John J.: *See*—  
Allen, Charles F. H., and Sagura. 2,772,164.
- Sahlbom, Olaf A., 50%, to L. J. Bogart. Rotary cultivator. 2,772,829, 3-27-56, Cl. 97-40.
- Sable, Knute, to Borg-Warner Corp. Compressor unloader. 2,763,425, 9-18-56, Cl. 230-30.
- Sahlin, Henry. Loading and unloading apparatus. 2,763,167, 9-18-56, Cl. 78-99.
- Sahlin, Henry. Loading and unloading apparatus. 2,763,229, 9-18-56, Cl. 113-50.
- Sahmel, Otto H., to Graflex, Inc. Battery-capacitor cartridge for photographic flash unit. 2,745,051, 5-8-56, Cl. 320-1.
- Sahm, George: *See*—  
Guerrero, John P., Benemelis, and Sahm. 2,753,696.
- Sahs, Leonard J., and H. W. Mould, Jr., to Fedders-Quiglan Corp. Apparatus for testing refrigeration compressors. 2,733,600, 2-7-56, Cl. 73-108.
- Sahyun Laboratories: *See*—  
Sahyun, Melville, and Faust. 2,769,837.
- Sahyun, Melville, Faust, and Jules. 2,729,678.
- Synerholm, Martin E., Faust, and Sahyun. 2,733,244.
- Synerholm, Martin E., Jules, and Sahyun. 2,731,471.
- Sahyun, Melville: *See*—  
Sahyun, Melville, and Faust. 2,730,544.
- Synerholm, Martin E., Faust, and Sahyun. 2,733,244.
- Synerholm, Martin E., Jules, and Sahyun. 2,731,471.
- Sahyun, Melville, J. A. Faust, and L. H. Jules, to Sahyun Laboratories. 3-phenyl-1-halo-substituted salicylamide. 2,729,678, 1-3-56, Cl. 260-559.
- Sahyun, Melville, and J. A. Faust, to Sahyun Laboratories. Alkylaminoalkyl esters of hydroxycyclohexylbenzoic acid. 2,730,544, 1-10-56, Cl. 260-473.
- Sahyun, Melville, J. A. Faust, and L. H. Jules, to Cutter Laboratories, Inc. Phenyl-substituted salicylamides. 2,744,916, 5-8-56, Cl. 260-326.3.
- Sahyun, Melville, and J. A. Faust: Faust to Sahyun.  $\alpha$ -(meta-hydroxyphenyl)- $\beta$ -methylaminoethanol cyclohexyl sulfamate. 2,746,988, 5-22-56, Cl. 260-501.
- Sahyun, Melville, and J. A. Faust, to Cutter Laboratories, Inc. 3-phenylsalicylamide. 2,751,410, 6-19-56, Cl. 260-559.
- Sahyun, Melville, and J. A. Faust, to Cutter Laboratories, Inc. N-butyl-3-phenylsalicylamide. 2,751,411, 6-19-56, Cl. 260-559.
- Sahyun, Melville, and J. A. Faust, to Cutter Laboratories, Inc. N-(hydroxyalkyl)-3-phenylsalicylamides. 2,751,412, 6-19-56, Cl. 260-559.
- Sahyun, Melville, J. A. Faust, and L. H. Jules, to Cutter Laboratories, Inc. N,N-dialkylsalicylamides. 2,754,327, 7-10-56, Cl. 260-559.
- Sahyun, Melville, and J. A. Faust, to Sahyun Laboratories. 3,5-dilsopropylsalicylamide. 2,769,837, 11-6-56, Cl. 260-559.
- Sahyun, Melville, J. A. Faust, and L. H. Jules, to Cutter Laboratories, Inc. N-(4-hydroxyphenyl)-3-phenylsalicylamide. 2,773,096, 12-4-56, Cl. 260-559.
- Sailer, Morris H.: *See*—  
Turner, Edward P., and Sailer. 2,757,299.
- Sailer, Norris H., to The Singer Mfg. Co. Motor drives for sewing machines. 2,739,552, 3-27-56, Cl. 112-220.
- Sailors, Howard R.: *See*—  
Dutcher, Harris A., and Sailors. 2,744,887.
- Sailors, William E. Applicator for plastic material. 2,746,085, 5-22-56, Cl. 18-3.5.
- St. Clair, Theodore A.: *See*—  
Baldwin, John D., Jr., St. Clair, and Johnson. 2,751,181.
- Baldwin, John D., Jr., St. Clair, and Weatherhead. 2,731,282.
- St. Clair, Theodore A., to The Weatherhead Co. Liquid ammonia flow system and valve. 2,742,764, 4-24-56, Cl. 62-1.
- St. Clair, Theodore A., to The Weatherhead Co. Meter diaphragm. 2,742,785, 4-24-56, Cl. 73-279.
- St. Clair, Theodore A., to The Weatherhead Co. Manual throwover assembly. 2,752,948, 7-3-56, Cl. 137-625.4.
- St. Clair, Theodore A., to The Weatherhead Co. Quick shut-off valve. 2,762,602, 9-11-56, Cl. 251-301.
- St. Clair, Theodore A., and R. Fleming, to The Weatherhead Co. Appliance regulator. 2,737,201, 3-6-56, Cl. 137-505.41.
- St. Clair, Truman, to Continental Can Co., Inc. Molded service tray. 2,738,915, 3-26-56, Cl. 229-2.5.
- St. Clair, Truman, to Continental Can Co., Inc. Die assembly for molding hollow structures. 2,760,231, 8-28-56, Cl. 18-19.
- St. Clair, Truman, to Continental Can Co., Inc. Pick-up plate holder. 2,765,115, 10-30-56, Cl. 65-61.
- Saint-Cloud Avions Marcel Dassault: *See*—  
Nogrette, Pierre F. 2,751,239.
- St. George, Alfred J. Multiple wheel grinding machine. 2,748,540, 6-5-56, Cl. 51-85.
- St. Germain, Theodore A. Apparatus for molding boot and shoe parts. 2,745,124, 5-15-56, Cl. 12-97.
- St. Germain, Wilfrid H., to The Pharma-Craft Corp. Metering valve aerosol bottle. 2,746,796, 5-22-56, Cl. 299-95.
- Saint-Hilaire, Albert B. Apparatus for production of coated tape. 2,774,327, 12-18-56, Cl. 118-35.
- Saint-James, Rose: *See*—  
Huré, Jacques, and Saint-James. 2,757,081.
- St. Jean, Lloyd E.: *See*—  
Duncan, Nesbit L., and St. Jean. 2,760,127.
- Meier, William R., Wimberly, and St. Jean. 2,750,565.
- St. John, Ercell E.: *See*—  
Jacobs, Jerome E., and St. John. 2,747,164.



- St. John, Norman P. Collar buttons. 2,772,461, 12-4-56, Cl. 24-101.
- St. Joseph Lead Co.: See—  
Najarian, Herand K. 2,760,034.  
Najarian, Herand K. 2,766,114.
- Rankin, James J. 2,769,716.
- St. Leger Montague, Bryan W., to Hartford National Bank and Trust Co., trustee. Protection circuit for cathode ray tubes. 2,752,525, 6-26-56, Cl. 315-20.
- St. Palley, Zoltan O. Abrading tool. 2,749,680, 6-12-56, Cl. 51-193.
- St. Palley, Zoltan O. Apparatus for cleaning pipe lines. 2,771,891, 11-27-56, Cl. 134-57.
- St. Palley, Zoltan O. Apparatus for cleaning pipe lines. 2,771,892, 11-27-56, Cl. 134-57.
- Saint-Paul, Georges E., to United Shoe Machinery Corp. Safety mechanism presses. 2,742,130, 4-17-56, Cl. 192-131.
- St. Paul & Tacoma Lumber Co.: See—  
Bjork, Carl O. 2,753,900.
- St. Pierre Chain Corp.: See—  
Callelo, Mario. 2,748,641.
- St. Pierre, Eugene, to Hemphill Co. Fabric tensioning mechanism. 2,763,145, 9-18-56, Cl. 66-150.
- St. Pierre, Eugene, and J. Wawzonek, to Hemphill Co. Yarn lever control mechanism. 2,751,770, 6-26-56, Cl. 66-138.
- St. Pierre, Henry. Wrench having yieldably biased pivoting outer jaw. 2,760,395, 8-28-56, Cl. 81-101.
- St. Pierre, Paul L., to Hemphill Co. Method of knitting. 2,738,661, 3-20-56, Cl. 66-24.
- St. Regis Bates S. A.: See—  
Gelbeck, Alexander. 2,729,150.
- St. Regis Paper Co.: See—  
Arnold, Kenneth A. 2,766,706.  
Burroughs, Edwin E. 2,753,769.  
Goodrich, John J., and Roetger. 2,769,528.  
Hahn, Willard E., and Burroughs. 2,753,768.  
Lane, Gardiner. 2,770,406.  
Roetger, Richard C. 2,749,966.  
Schmitt, George P., and Jaffe. 2,739,094.
- Sair, Louis: See—  
Griffith, Carroll L., and Sair. 2,768,084.
- Saito, Koppo. Lacework holder. 2,750,651, 6-19-56, Cl. 28-15.
- Saito, Luigi. Adjustable damper for fuel saving devices. 2,750,936, 6-19-56, Cl. 126-290.
- Saito, Sachio, and S. R. Gilford, to the United States of America as represented by the Secretary of the Navy. Meterless radiac survey instrument. 2,738,432, 3-13-56, Cl. 28-158-85.6.
- Saito, Tomizo. Two stage pulverizing apparatus for knot or pulp of wood, for making paper stock. 2,734,685, 2-14-56, Cl. 241-46.
- Saito, Tomizo. Device for opening and closing a cover plate for a pulverizing apparatus. 2,746,746, 5-22-56, Cl. 23-47-4.
- Saives, Leon, to Regie Nationale des Usines Renault. Rear door and fender air inlet path to rear engine compartment. 2,731,098, 1-17-56, Cl. 180-54.
- Saives, Leon, to Regie Nationale des Usines Renault. Apparatus for inspecting machined work, more particularly applicable to fuel injectors for internal-combustion engines. 2,733,630, 2-7-56, Cl. 88-14.
- Saives, Leon, to Regie Nationale des Usines Renault. Resilient mounting of transmission housing suspending axially-spaced drive axles. 2,738,024, 3-13-56, Cl. 180-73.
- Saives, Leon, to Regie Nationale des Usines Renault. Transmission and engine brake interlock mechanism in automotive vehicles. 2,745,526, 5-15-56, Cl. 192-4.
- Saives, Leon, to Regie Nationale des Usines Renault. Method of assembling sheet metal elements by welding. 2,749,422, 6-5-56, Cl. 219-10.
- Saives, Leon, to Regie Nationale des Usines Renault. Safety device for hand-controlled machines. 2,750,538, 6-12-56, Cl. 317-135.
- Saives, Leon, to Regie Nationale des Usines Renault. Remote control systems for mechanical transmission gears. 2,752,020, 6-26-56, Cl. 182-092.
- Saives, Leon, to Regie Nationale des Usines Renault. Safety device for hand-controlled machines. 2,753,493, 7-3-56, Cl. 317-135.
- Saives, Leon, to Regie Nationale des Usines Renault. Device for indicating excessive speed of turbine in turbine-driven vehicle. 2,755,351, 7-17-56, Cl. 200-61.9.
- Saives, Leon, to Regie Nationale des Usines Renault. Spring suspension having a continuous distortion frame stabilizer. 2,768,000, 10-23-56, Cl. 280-124.
- Sak, Alexander J. and E. S., and H. J. Ostrega. Reaction type water sprinkler. 2,751,251, 6-19-56, Cl. 299-69.
- Sak, Edmund S.: See—  
Sak, Alexander J. and E. S., and Ostrega. 2,751,251.
- Sakamoto, Masao, to Minneapolis-Honeywell Regulator Co. Magnetic amplifier. 2,760,148, 8-21-56, Cl. 323-89.
- Sakamoto, Masao, to Minneapolis-Honeywell Regulator Co. Magnetic amplifier. 2,773,131, 12-4-56, Cl. 179-171.
- Saklad, Myer: See—  
Osterberg, Samuel O. 2,765,152.
- Sakornbut, Songse S., to Monsanto Chemical Co. Method of treating cellulosic materials. 2,769,730, 11-6-56, Cl. 117-137.
- Sakowski, Walter J., to Olin Mathieson Chemical Corp. Process and apparatus for the catalytic decomposition of alkali metal amalgams. 2,732,284, 1-24-56, Cl. 23-184.
- Sala Maskinfabriks A. B.: See—  
Fagerberg, Bengt G. 2,735,550.
- Sala, Oskar. Synchronizing system for electrical musical instruments. 2,740,892, 4-3-56, Cl. 250-36.
- Salak, Michael: See—  
Caton, Elmer E., and Salak. 2,763,059.
- Salathiel, Richard A., to Esso Research and Engineering Co. Aqueous starch-containing drilling muds having a reduced filtration rate. 2,771,419, 11-20-56, Cl. 252-8.5.
- Salatin, James F.: See—  
Burge, James S., McKee, Alexander, Conrad, Rider, Noetzel, and Salatin. 2,769,228.  
Burge, James S., McKee, Conrad, Salatin, and Rider. 2,761,599.
- Salaup, Jean, to Societe des Accumulateurs Fixes et de Traction (Societe Anonyme). Primable electric batteries employing cuprous chloride. 2,744,948, 5-8-56, Cl. 136-100.
- Sale, William H., 1/2 to E. P. Kelly. Dust guard cap for journal boxes. 2,750,213, 6-12-56, Cl. 286-8.
- Salem-Brosius, Inc.: See—  
Buckholdt, Robert E. 2,769,629.  
Chesney, William E. 2,767,063.  
Kendall, Edgar H. 2,731,859.  
Morgan, Sidney T. 2,741,374.  
Phillips, James M. 2,756,894.  
Phillips, James M. 2,775,360.
- Salem, Emanuel, to The General Tire and Rubber Co. Adhesion of synthetic polymers to polymerizable materials. 2,766,164, 10-9-56, Cl. 154-139.
- Salem Tool Co., The: See—  
McCarthy, Vincent J. 2,738,965.  
Wilson, James H. 2,735,582.
- Salengro, Paul A. Pneumatic tools. 2,762,341, 9-11-56, Cl. 121-36.
- Salerno, Armand A.: See—  
Christenson, Donald J., and Salerno. 2,772,030.
- Sales, Philip N.: See—  
McDaniel, William T., Jr., and Sales. 2,760,879.
- Salfer, Donald G. Power drill attachment. 2,772,585, 12-4-56, Cl. 77-14.
- Salhus, Lena O. Hip frame. 2,745,106, 5-15-56, Cl. 2-215.
- Salisbury, Alvin B., Jr. Disposable syringe. 2,771,879, 11-19-56, Cl. 126-216.
- Salisbury, Ellsworth C., to Mundane Mfg. Co. Refrigeration unit. 2,730,867, 1-17-56, Cl. 62-4.
- Salisbury, Ellsworth C., to Mundane Mfg. Co. Dispensing refrigerator. 2,763,136, 9-18-56, Cl. 62-102.
- Salisbury, Thomas C., to P. B. A. Co. Paving dowel supporting construction. 2,760,784, 1-17-56, Cl. 25-118.
- Salisbury, Winfield W., to Collins Radio Co. Multiple mode excitation apparatus. 2,760,103, 8-21-56, Cl. 315-5.
- Salkeld, Howard B.: See—  
Letts, Harold D. 2,733,057.
- Salkin, Ralph, to S. B. Penick and Co. Water-soluble derivative of phenolphthalein. 2,767,186, 10-16-56, Cl. 260-343.4.
- Sallan, Raymond. Segmented band having two pivot joints and a latched joint. 2,771,753, 11-27-56, Cl. 63-15.7.
- Salle, René, P. E. Sévin, and J. O. Mottais, to Societe Nationale de Constructions Aeronautiques de Sud-Ouest. 12-25-56, Cl. 73-179.
- Saller, Henry A.: See—  
Keeler, John R., and Saller. 2,743,174.  
Rough, Frank A., and Saller. 2,735,761.
- Sallet, Maryse C. P.: See—  
Laugaudin, Eugene J. 2,737,384.
- Sallie, Stanley H., and E. J. Zitzke, to Bird & Son, Inc. Method and apparatus for making patterned siding. 2,775,532, 12-25-56, Cl. 117-25.
- Sallmann, Richard: See—  
Schwarzenbach, Gerold, and Sallmann. 2,745,720.
- Sallmann, Richard, to Ciba Ltd. Imino-dicarboxylic acids and functional derivatives thereof and process of making same. 2,763,680, 9-18-56, Cl. 260-507.
- Salm, John J. Portable welding lamp. 2,747,077, 5-22-56, Cl. 96-55.
- Salminen, Ilmari F.: See—  
Saunders, Vernon I., and I. F. and W. M. Salminen. 2,756,149.
- Salminen, Ilmari, to Eastman Kodak Co. Controlling grain and contrast in color photography. 2,742,832, 4-24-56, Cl. 95-6.
- Salminen, Ilmari F., J. A. Van Allan, and E. C. Yackel, to Eastman Kodak Co. Photographic emulsions containing tanning developing agents. 2,751,295, 6-19-56, Cl. 95-6.
- Salminen, Ilmari F., and C. R. Barr, to Eastman Kodak Co. Diacylaminophenol couplers. 2,772,162, 11-27-56, Cl. 96-55.
- Salminen, Jouko B. Welding mask. 2,750,592, 6-19-56, Cl. 2-8.
- Salminen, Paavo V. L. Device for discharging fluids. 2,757,956, 8-7-56, Cl. 299-118.
- Salminen, Wilho M.: See—  
Saunders, Vernon I., and I. F. and W. M. Salminen. 2,756,149.
- Salmon, Gilmore A., and E. D. Peterson, to Minnesota Mining & Mfg. Co. Sanding block. 2,765,593, 10-9-56, Cl. 51-187.
- Salmon, Reginald D., and L. A. G. Nash, to Creed and Co., Ltd. Clutch mechanism. 2,747,712, 5-29-56, Cl. 192-102.
- Salmon, Vina W. Flexible gate fastener and tightener. 2,747,910, 5-29-56, Cl. 292-247.

- Salo, Martin, and O. W. Kaul, to Eastman Kodak Co. High speed extrusion composition. 2,771,638, 11-27-56, Cl. 18-59.
- Salo, William. Window brace. 2,755,122, 7-17-56, Cl. 292-264.
- Salomon, Herman F.: *See*—
- Sontag, Herbert F., Salomon, and Herrnsstadt. 2,760,520.
- Salomone, Raymond A., to General Electric Co. Branch circuit plug-in connector. 2,769,151, 10-30-56, Cl. 339-22.
- Salsbury's Dr. Laboratories: *See*—
- Walde, Arthur W., Van Essen, and Zbornik. 2,762,821.
- Saltman, William M.: *See*—
- Bellin, Richard H., Evans, Marks, and Saltman. 2,768,181.
- Salt Water Control, Inc.: *See*—
- Erwin, Ransome W. 2,748,884.
- Salvador, Mirndol A., to Genies for operating the horn of motor cars. 2,768,257, 10-29-56, Cl. 200-61.57.
- Salvato, Carlo, Jr. Toy cap pistol. 2,736,978, 3-6-56, Cl. 42-57.
- Salvin, Victor S.: *See*—
- Conciatori, Anthony B., and Salvin. 2,770,518.
- Salvin, Victor S., to Celanese Corp. of America. Dyeing organic derivative of cellulose materials. 2,754,171, 7-10-56, Cl. 8-48.
- Salvin, Victor S., and P. A. Studer, to Celanese Corp. of America. Dyeing of mixed cellulose derivative-wool fabrics. 2,760,841, 8-28-56, Cl. 8-24.
- Salvin, Victor S., and A. B. Conciatori, to Celanese Corp. of America. Process of inhibiting acid-fading and the products thereof. 2,764,467, 9-25-56, Cl. 8-61.
- Salvasser, Melvin. Check weigher. 2,742,152, 4-17-56, Cl. 209-121.
- Salyer, Ival O., and J. A. Herbig, to Monsanto Chemical Co. Blends of vinyl chloride polymers with ethylene/vinylene carbonate copolymers. 2,733,228, 1-31-56, Cl. 260-45.5.
- Salz, Norman E.: *See*—
- Harjes, Frederick W., Salz, and Culp. 2,767,325.
- Salzberg, Bernard. Apparatus for rapid measurement of real and imaginary parts of admittance or impedance. 2,735,064, 2-27-56, Cl. 324-57.
- Salzberg, Harold K.: *See*—
- Howard, Hartley W., and Salzberg. 2,750,374.
- Mozingo, Alfred K., and Salzberg. 2,757,171.
- Salzberg, Harold K., to The Borden Co. Casein compounds. 2,748,009, 6-29-56, Cl. 106-151.
- Salzberg, Harold K., to The Borden Co. Molding sand composition comprising a halogenated aliphatic hydrocarbon as a release agent. 2,763,626, 9-18-56, Cl. 260-17.2.
- Salzberg, Paul L.: *See*—
- Jacobson, Henning W., and Salzberg. 2,764,504.
- Salzberg, Paul L. 2,758,987.
- Senev, John S. 2,759,115.
- Straun, Daniel E. 2,758,985.
- Siodonik, Joseph L. 2,758,115.
- Winter, Charles E., Jr. 2,758,831.
- Salzberg, Paul L., to E. I. du Pont de Nemours and Co. Optically active homopolymers containing but one antipodal species of an alpha-monohydroxy monocarboxylic acid. 2,758,987, 8-14-56, Cl. 260-78.3.
- Salzberger, Andreas, to Torpedo-Werke Aktiengesellschaft. Power drive for typewriting office machines. 2,753,972, 7-10-56, Cl. 197-17.
- Salzberger, Andreas, to Torpedo-Werke Aktiengesellschaft. Fahrrader und Schreibmaschinen. Drawing-in device for double front insertion devices on commercial writing machines. 2,754,952, 7-17-56, Cl. 197-128.
- Salzberger, Andreas, to Torpedo-Werke Aktiengesellschaft. Fahrrader und Schreibmaschinen. Mounting of front feed device for business writing machines. 2,766,867, 10-16-56, Cl. 197-127.
- Salzberger, Andreas, to Torpedo-Werke Aktiengesellschaft. Fahrrader und Schreibmaschinen. Front feed device for business office machines. 2,764,457, 12-18-56, Cl. 197-127.
- Sauer, Alexander. Cigarette lighter and fluid supply indicator therefor. 2,744,401, 5-8-56, Cl. 67-7.1.
- Salzer, Alexander. Cigarette lighter. 2,751,772, 6-26-56, Cl. 67-7.1.
- Salzmann, Gerhard M., to Colgate-Palmolive Co. Stable dental creams containing higher aliphatic acyl amide of amino-carboxylic acid compound. 2,772,203, 11-27-56, Cl. 167-93.
- Salzmann, Gerhard M., and R. J. Schiraldi, to Colgate-Palmolive Co. Stabilized dental creams. 2,744,049, 5-1-56, Cl. 167-93.
- Salzmann, Leo, to L. Sonneborn Sons, Inc. Cloud point reduction of mineral white oils. 2,731,391, 1-17-56, Cl. 196-17.
- Salzmann, Leo, L. J. Letz, and L. C. Borell, to L. Sonneborn Sons, Inc. Pour point reduction of petroleum oil fraction with activated urea. 2,731,455, 1-17-56, Cl. 260-99.5.
- Salzmann, Wilhelm, to Württembergische Metallwarenfabrik. Holders for workpieces. 2,756,550, 7-31-56, Cl. 51-218.
- Sam, Sam W. Removable peripherally mounted retainer means resiliently retained on threadless bolt. 2,749,789, 6-12-56, Cl. 85-8.8.
- Samanie, Robert J. Shrimp separating and peeling machines. 2,755,501, 7-24-56, Cl. 17-2.
- Samann, Julius. Container for volatile substances. 2,757,957, 8-7-56, Cl. 299-24.
- Samaritano, Joseph. Liquid fuel gauge for aircraft. 2,772,568, 12-4-56, Cl. 73-322.
- Samco Holding Corp.: *See*—
- John, Eugene, and Catalog. 2,761,678.
- Cohn, Joseph, Walter, and Cohn. 2,750,679.
- Cohn, Samuel and E., and Walter. 2,729,003.
- Cohn, Samuel and E., and Walter. 2,749,115.
- Cohn, Samuel and E., and Walter. 2,773,296.
- Cohn, Samuel, and Walter. 2,736,098.
- Cohn, Samuel, and Walter. 2,739,762.
- Sametz, Irving: *See*—
- Sametz, Louis and I. 2,734,746.
- Sametz, Louis and I., to Louis Sametz, Inc. Shuttlecock. 2,734,746, 3-14-56, Cl. 273-106.
- Sametz, Louis, Inc.: *See*—
- Sametz, Louis and I. 2,734,746.
- Samfield, Max M., E. E. Lockair, and B. A. Brock, to Liggett & Myers Tobacco Co. Reducing the nicotine content of tobacco smoke. 2,769,492, 8-23-56, Cl. 131-143.
- Samirani, David. Pipe coupling. 2,757,966, 8-7-56, Cl. 299-105.
- Samiran, David, to Bowser, Inc. High pressure replaceable hose coupling with wire spring gripper. 2,768,843, 10-30-56, Cl. 285-331.
- Samler, Lee F., to The National Plastic Products Co. Screen mounting for conduits and tubes for conveying fluids and for extrusion machines. 2,763,308, 9-18-56, Cl. 146-174.
- Sammarco, Peter: *See*—
- Hints, Otto B., and Sammarco. 2,761,742.
- Sammons, Charles W.: *See*—
- Bates, Harold, Sammons, and Fisher. 2,775,529.
- Sammons, Charles W., G. E. Mortimer, and J. W. Fisher, to B. E. Celanese Ltd. Treatment of textile fibers. 2,763,898, 9-25-56, Cl. 19-66.
- Samolls, Alfonso A.: *See*—
- Draper, Alfonso C., Samolls, and Jordan. 2,768,387.
- Sampersmann, Adolphe H. Laying nest. 2,766,723, 10-16-56, Cl. 196-17.
- Sampietro, Achille C. Overhead valve means for internal combustion engines. 2,744,513, 5-8-56, Cl. 123-191.
- Sampietro, Achilles C., to Thompson Products, Inc. Automatic lash adjuster. 2,771,866, 11-27-56, Cl. 123-90.
- Sampe-Durick, C.: *See*—
- Hanson, Wallace E. 2,735,638.
- Sample, James H., and R. A. Sturges, to The Sherwin-Williams Co. Esters of co-polymers of an unsaturated fatty acid with a vinyl aromatic compound and an alkoxy polysiloxane. 2,746,042, 5-22-56, Cl. 260-23.
- Samples, Charles R. Laying tool for tongue and groove flooring. 2,774,969, 12-25-56, Cl. 1-47.
- Sampelle, Willis W. Tank trucks and loading system therefor. 2,733,728, 2-7-56, Cl. 137-235.
- Sampson, Charles T., Sr. Fishing device. 2,736,980, 3-6-56, Cl. 43-41.
- Sampson, Ernest: *See*—
- Summerhayes, Harry R., Jr., Anderson, and Sampson. 2,750,519.
- Sampson, Frederick W., to General Motors Corp. Universal joint. 2,731,813, 1-24-56, Cl. 64-11.
- Sampson, Frederick W., to General Motors Corp. Gun sight. 2,747,281, 5-29-56, Cl. 33-56.
- Sampson, Frederick W., to General Motors Corp. Steering wheel switch. 2,749,398, 6-5-56, Cl. 200-61.56.
- Sampson, Frederick W., to General Motors Corp. Steering wheel switch. 2,749,399, 6-5-56, Cl. 200-61.56.
- Sampson, Frederick W., to General Motors Corp. Ice making apparatus. 2,757,519, 8-7-56, Cl. 62-106.
- Sampson, Frederick W., and A. J. Frel, to General Motors Corp. Ice tray. 2,756,566, 7-31-56, Cl. 62-108.5.
- Sampson, Frederick W., and R. E. Davis, to General Motors Corp. Ice making apparatus. 2,757,520, 8-7-56, Cl. 62-106.
- Sampson, Lorne G., to Armour and Co. Process of separation of siliceous impurities from insulin solutions. 2,769,747, 11-6-56, Cl. 167-75.
- Sampson, Merritt B., to The Metch & Merryweather Machine Co. Cut-off machine. 2,729,879, 1-10-56, Cl. 29-69.
- Sampson, William, to Foster Wheeler Corp. Apparatus for generating and superheating vapor. 2,762,201, 9-11-56, Cl. 62-106.
- Sams, Arthur M. Perspective drawing instrument. 2,734,274, 2-14-56, Cl. 33-77.
- Sams, Dennis A.: *See*—
- Edge, Stanley H., and Sams. 2,739,671.
- Sams, Herbert W., to Scinto, Inc. Ball point pen and retracting means. 2,775,229, 12-25-56, Cl. 120-42.03.
- Sams, Joseph E.: *See*—
- Sturphen, Fred G., Canfield, Myers, Sams, and Burns. 2,755,210.
- Sams, Robert H., to Philadelphia Quartz Co. Borated-silicate-starch laminating adhesives and manufacture of combined fiberboard therewith. 2,772,996, 12-4-56, Cl. 154-138.
- Samsel, Richard W., to General Electric Co. Bender-mode vibrator for workpieces. 2,756,353, 7-31-56, Cl. 51-218.
- Samsing, Rolf A. Paperboard cartons. 2,765,972, 10-9-56, Cl. 229-28.
- Sanson, Edward W., and E. B. Staples. Binary number system converter. 2,762,564, 9-11-56, Cl. 235-61.
- Sanson, Edward W., and E. B. Staples. Binary number system converter. 2,762,564, 9-11-56, Cl. 235-61.
- Sanson, Harold M. Picture tube cushioning means. 2,736,018, 2-21-56, Cl. 340-367.
- Samuel, Arthur L., to International Business Machines Corp. Glow transfer trigger. 2,741,899, 4-10-56, Cl. 250-27.



- Samuel, Arthur L., to International Business Machines Corp. Cathode-ray devices, particularly for electronic computers. 2,750,532, 8-12-56, Cl. 315-8.6.
- Samuel, Arthur L., to Sperry Rand Corp. Travelling wave tubes. 2,758,242, 8-7-56, Cl. 315-3.5.
- Samuel, Arthur L., to Bell Telephone Laboratories, Inc. Transmitting and receiving circuits for wave transmission systems. 2,774,066, 12-11-56, Cl. 345-13.
- Samuel, Frank B., to Esso Research and Engineering Co. Apparatus for separating oil from wax. 2,730,242, 1-10-56, Cl. 210-199.
- Samuel, George A.: *See—*
- Samuel, Robert L. and G. A. 2,744,011.
- Samuel, Mendel, to P. E. Morris. Collapsible container. 2,768,719, 10-30-56, Cl. 190-43.
- Samuel, Robert L. and G. A., to Diffusion Alloys Ltd. Process for the manufacture of sintered articles. 2,744,011, 5-1-56, Cl. 75-204.
- Samuels, Abe O., to Maryland Devices, Inc. Pressure dispensing valve assembly. 2,729,387, 1-3-56, Cl. 222-394.
- Samuels, Samuel: *See—*
- Samuels, Stanley J. 2,771,612.
- Samuels, Sherwood C., Jr., to Phillips Petroleum Co. Inhibiting polymerization of furfural. 2,741,579, 4-10-56, Cl. 242-28.
- Samuels, Stanley J., 50% to S. Samuels. Cushioned toilet seat. 2,771,612, 11-27-56, Cl. 4-237.
- Samuelson, Cyrus D.: *See—*
- Vogt, Kenneth T. 2,735,692.
- Samuelson, Henry: *See—*
- Eichholz, Arthur H., and Samuelson. 2,768,602.
- Samuelson, John A. Bale hook. 2,757,952, 8-7-56, Cl. 294-26.
- Samuelson and Johnson: *See—*
- Vogt, Kenneth T. 2,735,692.
- Samuelson, Norman H.: *See—*
- Vogt, Kenneth T. 2,735,692.
- Samuelson, Oscar. Combination trash receptacle and burner unit. 2,743,686, 5-1-56, Cl. 110-19.
- Samuelsson, Evert: *See—*
- De Krumerie, Nils, and Samuelsson. 2,737,402.
- Sanabria, John M., and E. J. Skwarlo, to American Television Mfg. Corp., Inc. Mounting means for a vacuum tube electrode assembly. 2,745,981, 5-15-56, Cl. 313-254.
- Sanaspray Mfg. Co.: *See—*
- Gluck, Jerome, and Oaks. 2,754,820.
- Sandborn, Allen A.: *See—*
- Adams, Sumner W. 2,743,856.
- Sanborn, Charles E.: *See—*
- Hughes, Richard R., Sternling, and Sanborn. 2,751,756.
- Sanborn, Daniel S., to The Ryan Aeronautical Co. Reheater and fuel heater for jet propulsion engines. 2,745,249, 9-15-56, Cl. 60-35.8.
- Sanborn, Everett V.: *See—*
- Derderian, James, and Sanborn. 2,774,115.
- Sanborn, Robert H. Boat trailer. 2,761,576, 9-4-56, Cl. 214-373.
- Sanborn, William E.: *See—*
- Ashley, Kenneth D., and Sanborn. 2,734,796.
- Ashley, Kenneth D., and Sanborn. 2,739,044.
- Sanchez, Max M.: *See—*
- Rovhal, Max J. 2,764,146.
- Sand, Carl A., to The Brinhoff Mfg. Co. Collapsible table. 2,746,253, 6-11-56, Cl. 311-110.
- Sand, John F., to Gemex Co. Ornamentation of wrist watch straps. 2,737,325, 3-6-56, Cl. 224-4.
- Sandberg, Carl I. Hanger for storm sash. 2,749,569, 6-12-56, Cl. 16-177.
- Sandberg, Carl R.: *See—*
- Abdo, Milton K., Connolly, and Sandberg. 2,764,102.
- Sandberg, Eugene S. Electric clock. 2,738,447, 3-13-56, Cl. 317-123.
- Sandberg, Herbert J.: *See—*
- Conlbourn, William C., and Sandberg. 2,751,786.
- Sandberg, Ray A., to Houdaille-Hershey Corp. Method of securing a tube to a sheet metal member. 2,732,615, 1-31-56, Cl. 29-157.3.
- Sandberg, Ray A., to Houdaille-Hershey Corp. Hand brake with power assist. 2,739,672, 3-27-56, Cl. 188-106.
- Sandberg, Ray A., to Houdaille Industries, Inc. Steering wheel lock for automobiles. 2,741,906, 4-17-56, Cl. 70-217.
- Sandberg, Ray A., to Houdaille Industries, Inc. Straight pull brake lever structure and cable pulley. 2,751,793, 6-26-56, Cl. 74-502.
- Sandberg, Ray A., to Houdaille Industries, Inc. Hand brake lever handle construction. 2,751,796, 6-26-56, Cl. 74-543.
- Sandberg, Ray A., to Houdaille-Hershey Corp. Tube bending machine. 2,771,932, 11-27-56, Cl. 153-67.
- Sandberg, Ray A., and E. Van Sickle, to Houdaille Industries, Inc. Straight pull brake lever mechanism. 2,751,794, 6-26-56, Cl. 74-503.
- Sandberg, William A. Foundation for off-shore drilling rig. 2,772,539, 12-4-56, Cl. 61-46.3.
- Sanborn, Lloyd T.: *See—*
- Chesley, Kenneth G., Montgomery, and Sanborn. 2,750,414.
- Sandborn, Lloyd T., and W. B. Stengle, to Crossett Lumber Co. Alcohol recovery of organic acids and salts thereof. 2,750,412, 6-12-56, Cl. 260-527.
- Sandborn, Lloyd T., and W. B. Stengle, to The Crossett Lumber Co. Solvent recovery of organic acids and salts thereof. 2,750,413, 6-12-56, Cl. 260-527.
- Sandee Mfg. Co.: *See—*
- Zantay, Elmer, and Bacchash. 2,747,935.
- Sandelin, Ole E., to The Warner & Swasey Co. High reduction fiber drafting. 2,774,995, 12-25-56, Cl. 19-131.
- Sander, Ernst, to G. Mastracchi-Manes. Slider for sliding clasp fasteners. 2,764,793, 10-2-56, Cl. 24-201.
- Sander, Archie E. Golf club cart. 2,774,608, 12-18-56, Cl. 280-47.19.
- Sanders, Ardis G. Arithmetic bingo game apparatus. 2,743,108, 4-24-56, Cl. 273-135.
- Sanders Associates, Inc.: *See—*
- Butler, James L. 2,753,531.
- Hayner, Paul F. 2,771,062.
- Shomphe, George J. 2,772,046.
- Sanders, Birdie C. Shoulder protector shield. 2,763,004, 9-18-56, Cl. 2-2.
- Sanders, Birdie C. Combined brassiere and girdle. 2,763,007, 9-18-56, Cl. 2-30.
- Sanders & Bowers Ltd.: *See—*
- Sanders, Ronald. 2,760,266.
- Sanders, Carl W., Jr.: *See—*
- Dombrowski, Henry S., Sanders, and Wall. 2,730,353.
- Sanders, Donald G.: *See—*
- Butler, James L. 2,753,531.
- Sanders, Elmore J. Fluid circulation systems. 2,779,202, 1-3-56, Cl. 123-41.04.
- Sanders, Emile F.: *See—*
- Cheffel, Henri, and Sanders. 2,741,978.
- Sanders, Everett H.: *See—*
- Sanders, Maudie M. and E. R. 2,762,516.
- Sanders, Guy J.: *See—*
- Brown, Ralph A., Jr., Thielen, and Sanders. 2,768,489.
- Sanders, Helen E. Leg support and traction means. 2,768,622, 10-30-56, Cl. 128-71.
- Sanders, Herbert L.: *See—*
- Maxcy, William J., and Sanders. 2,733,211.
- Sanders, Herbert L., E. A. Knaggs, and M. L. Nussbaum, to Ninol Development Co. Emulsifiers and toxicants containing the same. Re. 24,184, 7-24-56, Cl. 167-42.
- Sanders, Judson H., to The Procter & Gamble Co. Tooth-paste process. 2,751,828, 6-19-56, Cl. 167-93.
- Sanders, Keith L., Jr., to North American Aviation, Inc. Reversible-polarity direct-current output magnetic amplifier requiring only one alternating-current source. 2,764,726, 9-25-56, Cl. 321-25.
- Sanders, Keith L., Jr., to North American Aviation, Inc. Voltage doubling demodulator. 2,767,258, 10-16-56, Cl. 179-171.
- Sanders, Maudie M. and E. R. Stock feed trough. 2,762,516, 9-11-56, Cl. 214-17.
- Sanders, Milton A. Method of making decorative protected paper. 2,750,319, 6-12-56, Cl. 154-121.
- Sanders, Morris. Band tension arrangements for drafting machines. 2,747,283, 5-29-56, Cl. 33-79.
- Sanders, Morris. Gear disengaging devices for worm gears. 2,747,423, 5-29-56, Cl. 74-405.
- Sanders, Paul A.: *See—*
- Baum, Arthur A., and Sanders. 2,733,247.
- Sanders, Ronald, to Sanders & Bowers Ltd. Knife blades. 2,760,266, 8-28-56, Cl. 30-357.
- Sanders, Royden C., Jr., and D. Blitz, to Raytheon Mfg. Co. Wind drift computers. 2,740,294, 4-3-56, Cl. 246-233.
- Sanders, P. W., and J. H. A. Wilders, to Chemische Fabrik L. Van der Grinten N. V. Process for the production of diazotize copies. 2,739,061, 3-20-56, Cl. 95-68.
- Sanders, Theodorius P. W., and J. H. A. Wilders, to Chemische Fabrik L. Van der Grinten N. V. Process for the manufacture of diazotize copies. 2,741,558, 4-10-56, Cl. 95-38.
- Sanders, Theodorius P. W., and J. H. A. Wilders, to Chemische Fabrik L. Van der Grinten N. V. Light-sensitive diazotize material. 2,773,768, 12-11-56, Cl. 96-75.
- Sanders, Thomas A., and F. Kahn. Tool and method for compression splicing of wires and cables. 2,773,408, 12-11-56, Cl. 81-15.
- Sanders, Tillmon J. Electrically actuated burglar alarm and circuit closer therefor. 2,770,690, 11-13-56, Cl. 200-61.61.
- Sanders, Victor M.: *See—*
- Sanders, Robert S., and Sanders. 2,767,436.
- Sanders, William B.: *See—*
- Killian, George P., Hall, and Sanders. 2,735,154.
- Sanders, Wilbur E.: *See—*
- Berlinger, George E., and Sanders. 2,733,503.
- Sanders, George H. Material spreading apparatus. 2,774,602, 12-18-56, Cl. 275-2.
- Sanderson, Glen E., to Lockheed Aircraft Corp. Pressure measuring device. 2,737,051, 3-6-56, Cl. 73-398.
- Sanderson, James C., to McCorquodale Colour Display Ltd. Apparatus for use in depositing fluid or viscous materials on surfaces. 2,766,484, 10-16-56, Cl. 18-30.
- Sanderson & Murray Ltd.: *See—*
- Davidson, Maxwell W. 2,739,794.
- Sanderson, Norval B., to Swift & Co. Air operated pickle pump. 2,755,732, 7-24-56, Cl. 99-257.
- Sanderson, Thomas F., to Hercules Powder Company. Dehydrobutyl alcohol derivative. 2,750,363, 6-12-56, Cl. 260-97.
- Sanderson, Thomas F., to Hercules Powder Co. Derivatives of dehydroacetonitrile. 2,750,367, 6-12-56, Cl. 260-99.
- Sanderson, Thomas F., to Hercules Powder Co. Chromium trioxide oxidation of dehydrobutyric acid derivatives. 2,750,368, 6-12-56, Cl. 260-99.

- Sanderson, Thomas F., to Hercules Powder Co. Oxidation of esters of dehydrobutyric acid. 2,750,360, 6-12-56, Cl. 260-99.
- Sanderson, Thomas F., to Hercules Powder Co. 6,7-diacetyl-1,2,3,4,4a,9,10,10a-octahydro-1,4a-dimethyl-9-oxophenanthrene-1-carbonitrile. 2,750,402, 6-12-56, Cl. 260-465.
- Sanderson, Thomas F., to Hercules Powder Co. Triol of levopimaric acid-maleic anhydride adduct. 2,750,422, 6-12-56, Cl. 260-517.
- Sandford, William H.,  $\frac{1}{2}$  to R. E. L. Warburton. Lifting and pulling devices and the like. 2,765,905, 10-9-56, Cl. 203-399.
- Sandholtz, Willis A.: *See*—
- Fahl, Walter H., and Sandholtz. 2,753,284.
- Fahl, Walter H., and Sandholtz. 2,753,285.
- Sandin, Ray C., to General Electric Co. Electric heating appliances. 2,738,411, 3-13-56, Cl. 219-37.
- Sandison, Alexander. 2,749,617.
- Sandison, Alexander, and Watrous Ltd. Dust collector. 2,732,032, 1-24-56, Cl. 183-80.
- Sandison, Alexander G., to Watrous Ltd. Screen for paper stock. 2,758,828, 7-3-56, Cl. 92-34.
- Sandland, Milton E. Log skidding sled device. 2,746,620, 6-12-56, Cl. 214-523.
- Sandler, A. Co.: *See*—
- Sandler, Jack. 2,738,597.
- Sandler, Herman. Smokehouse. 2,761,374, 9-4-56, Cl. 99-259.
- Sandler, Jack, to A. Sandler Co. Upper construction for moccasin shoe. 2,738,597, 3-20-56, Cl. 36-11.
- Sandler, Reuben: *See*—
- Fogle, Earle L. 2,762,386.
- Sandler, Walter J., and W. L. Pierce, to The Pure Oil Co. Prevention of sourness of sweet naphthas during distillation by distilling in the presence of an alkylene oxide and a salt of an organic acid. 2,775,545, 12-25-56, Cl. 196-25.
- Sandock, Jules, to Raytheon Mfg. Co. Electronic position and motion control system. 2,749,972, 5-15-56, Cl. 307-149.
- Sandor, William C., to The Universal Wire Spring Co. Coupling connection for wire spring structures. 2,773,543, 12-11-56, Cl. 155-179.
- Sandoz, A. G.: *See*—
- Bücheler, Paul, and Peter. 2,733,976.
- Bücheler, Paul and Peter. 2,759,939.
- Bücheler, Paul and Peter. 2,759,940.
- Fleck, Fritz. 2,766,239.
- Frey, Wolfgang, and Peter. 2,729,629.
- Frisch, Franz. 2,756,225.
- Grandjean, Philippe, Steinemann, and Wehrli. 2,734,053.
- Grandjean, Philippe, and Wehrli. 2,746,954.
- Günthard, Jacques, and Peter. 2,734,060.
- Ischer, Hans, and Iselin, and Wehrli. 2,737,510.
- Iselin, Ernst. 2,734,051.
- Iselin, Ernst, and Wehrli. 2,745,828.
- Kappeler, Markus, and Schweizer. 2,749,333.
- Karrer, Paul, and Kebrle. 2,748,132.
- Karrer, Paul, and Kebrle. 2,748,133.
- Locher, Arthur, and Dirnst. 2,761,789.
- Maderni, Piero. 2,736,724.
- Maderni, Piero. 2,735,336.
- Merian, Ernst. 2,764,600.
- Neier, Reinhard, Pettigean, and Wehrli. 2,735,844.
- Neier, Reinhard, Pettigean, and Wehrli. 2,775,581.
- Peter, Albin, and Wydlar. 2,731,476.
- Peter, Albin, and Wydlar. 2,736,731.
- Rheiner, Alfred, and Dieterle. 2,759,991.
- Ruckstuhl, Hans, Senn, and Wehrli. 2,735,845.
- Ruckstuhl, Hans, and Wehrli. 2,744,104.
- Stoll, Arthur, and Bourquin. 2,748,134.
- Stoll, Arthur, and Bourquin. 2,757,175.
- Stoll, Arthur, Jucker, and Lindenmann. 2,746,976.
- Stoll, Arthur, Jucker, and Lindenmann. 2,774,773.
- Wiedemann, Erwin. 2,766,081.
- Sandoz Ltd.: *See*—
- Wehrli, Walter. 2,753,335.
- Sands, Hillard J., to The Harvard Mfg. Co. Bedframe with reinforcing caster plate means thereof. 2,745,117, 5-15-56, Cl. 5-200.
- Sands, William F., to Radio Corp. of America. Oscillation control circuits. 2,743,389, 4-24-56, Cl. 250-36.
- Sandus, William F., to Radio Corp. of America. Extended-range high-frequency tuning device and circuit. 2,773,194, 12-4-56, Cl. 250-40.
- Sandstrom, Nils G. Golf bag stand. 2,749,069, 6-5-56, Cl. 248-96.
- Sandvik, Otto, and J. S. Chandler, to Eastman Kodak Co. Automatic loop control mechanism. 2,735,677, 2-21-56, Cl. 271-23.
- Sandvikens Jernverks Aktiebolag: *See*—
- Eilström, Sven E., and Gislner. 2,751,195.
- Hammarström, Johan E. 2,747,630.
- Hård at Segerstad, Carl-Gustaf, and Malmquist. 2,729,968.
- Hård at Segerstad, Carl G., and Westberg. 2,746,424.
- Höglund, Stig P., and Kindahl. 2,735,656.
- Löfqvist, Bengt E. R. 2,735,704.
- Silfverlin, Ade W., and Sjöberg. 2,739,763.
- Sandy, Turner. Machine for cutting poultry wings. 2,761,450, 9-4-56, Cl. 128-318.
- Sandy Hill Iron & Brass Works, The: *See*—
- McCrystle, John D., and Townsend. 2,730,932.
- Saner, William R.: *See*—
- Alles, Francis P., and Saner. 2,758,105.
- Saner, William R., to E. I. du Pont de Nemours and Co. Photographic films. 2,755,186, 7-17-56, Cl. 95-9.
- Sanford, Alan C., and F. M. Gill, to Micro-Moisture Controls, Inc. Operating means for closure device. 2,758,834, 8-14-56, Cl. 268-23.
- Sanford, Carleton R.: *See*—
- Russell, Theodore A., Wilson, and Sanford. 2,761,417.
- Sanford, Emil E., to Allen B. Du Mont Laboratories, Inc. Cathode ray tube deflection systems. 2,766,407, 10-9-56, Cl. 317-200.
- Sanford, Harry M. Gold-recovering apparatus. 2,740,520, 4-3-56, Cl. 200-44.
- Sanford Investment Co., The: *See*—
- Jones, Robert E. 2,737,128.
- Sanford, Paul L. Electrolyte composition and process for employing same. 2,743,221, 4-24-56, Cl. 204-58.
- Sanford, Roy S.: *See*—
- Eames, James O., and Sanford. 2,749,978.
- San Francisco Research Corp.: *See*—
- Parker, Leon O. 2,761,443.
- Sang, William: *See*—
- Draper, Frederick C., Hobson, and Sang. 2,748,455.
- Sangamo Electric Co.: *See*—
- Waite, Griffin G. 2,761,415.
- Sanger, Norman H. Ball ejecting amusement device. 2,765,173, 10-2-56, Cl. 273-129.
- Sangster, Arlon G. Magnetic work transfer device. 2,750,716, 6-19-56, Cl. 51-105.
- Sangster, Oil B. Sliding gate valve. 2,757,896, 8-7-56, Cl. 251-176.
- Sanguinet, Marshal R.: *See*—
- Rothman, Max I. 2,765,443.
- Sanial, Arthur J., to Audio Equipment Co., Inc. Loudspeaker systems and amplifying methods. 2,763,720, 9-18-56, Cl. 179-1.
- Sani-Speed Mfg. Co.: *See*—
- Deitz, Mace L. 2,757,793.
- Sanita Paper Products Co.: *See*—
- Hirschey, Malcolm. 2,739,432.
- Sanitary Products Corp.: *See*—
- Parish, Frank P. 2,734,505.
- Sanon, Joseph. Piston ring. 2,757,057, 7-31-56, Cl. 309-44.
- Sanowskis, Albert. Combination lock. 2,750,786, 6-19-56, Cl. 270-10.
- Sans, Marcel, to Societe de Constructions Mecaniques des Stains. Method of butt welding thermoplastic sheets. 2,751,321, 6-19-56, Cl. 154-116.
- Sanson, Raymond E.: *See*—
- Van Valkenburg, Howard E., and Samson. 2,736,193.
- Sansous, Joseph L. Electrically illuminated drinking glass holder. 2,745,947, 5-15-56, Cl. 240-64.
- Sanstrom, Edgar L. Baby bottle warmer. 2,756,031, 7-24-56, Cl. 257-205.
- Sant, Ralph, to McGraw Electric Co. Circuit interrupter. 2,735,911, 2-21-56, Cl. 200-117.
- Santarelli, Vincent. Sprayer. 2,752,200, 6-26-56, Cl. 299-101.
- Santay Corp.: *See*—
- Krusemark, Frederick A. 2,737,777.
- Stanley, Alfred W. 2,772,115.
- Santini, Danilo, and J. Suozzo, to Westinghouse Electric Corp. Elevator systems. 2,740,495, 4-3-56, Cl. 187-29.
- Santini, Danilo, P. C. Keiper, and J. Suozzo, to Westinghouse Electric Corp. Elevator systems. 2,740,496, 4-3-56, Cl. 187-29.
- Santini, Danilo, and J. Suozzo, to Westinghouse Electric Corp. Elevator systems having a plurality of elevator cars. 2,742,979, 4-24-56, Cl. 187-29.
- Santis, Frank. Ornament displaying sandal. 2,759,284, 8-21-56, Cl. 41-10.
- Santochi, Cassy V. Automatic motor vehicle storage and transferring device. 2,754,014, 7-10-56, Cl. 214-16.1.
- Santon Ltd.: *See*—
- Knight, David G., and Whittle. 2,761,027.
- Santon, Ermengildo. Photogrammetric plotting apparatus. 2,753,756, 7-10-56, Cl. 88-24.
- Santoro, Mariano. Apparatus for the heating of liquids. 2,757,272, 7-31-56, Cl. 219-40.
- Santos, P., Gil & Cia Limitada: *See*—
- Porem, Antonio M. 2,764,198.
- Santos, Thomas C. Safety door handle. 2,742,314, 4-17-56, Cl. 336-33.
- Santososso, James W. Golf bag and support. 2,768,668, 10-30-56, Cl. 150-1.5.
- Santucci, Frank: *See*—
- Clarke, William B., Hunter, and Santucci. 2,761,507.
- Sanymarl Products Co., Inc.: *See*—
- Anderson, Thomas F., and Benham. 2,735,144.
- Sanz, Manuel C., to North American Aviation, Inc. Process of chemically milling structural shapes and resultant article. 2,739,047, 3-20-56, Cl. 41-43.
- Saporito, Frederick: *See*—
- Seltzer, Edward, and Saporito. 2,740,204.
- Sappington, Ransom H. Apparatus for removing paraffin from oil wells. 2,733,767, 2-7-56, Cl. 166-176.
- Saputo, James J.: *See*—
- Kaslow, Arthur L., and Saputo. 2,773,502.
- Saget, Andre M., to Societe a Responsabilite Limitee: *See*—
- Amoult, Marcelles for strapping bales and packages. 2,764,082, 9-25-56, Cl. 100-30.
- Sarad, Walter J. Adjustable mouthpieces for brass wind instruments. 2,758,497, 8-14-56, Cl. 84-399.
- Sarah, Thomas F., to The Enterprise Mfg. Co. Spool construction for spinning reel. 2,755,037, 7-17-56, Cl. 242-130.



- Saraa, Thomas F., to The Enterprise Mfg. Co. Salt water spinning reel. 2,766,956, 10-16-56, Cl. 242-84.6.
- Saravalli, Herman, to Western Electric Co., Inc. Gages for limiting the movement between parts. 2,765,537, 10-9-56, Cl. 23-19.
- Sarchet, Richard J. Paint brush holder and scraper. 2,748,977, 6-5-56, Cl. 220-90.
- Sarco, Inc.: See—
- Southernland, Francis M. 2,745,191.
- Sar El, Shalom.: See—
- Bergmann, Felix, and Sar El. 2,750,408.
- Sarett, Ben L.: See—
- Baldwin, Robert R. 2,744,017.
- Scott, Don. 2,758,932.
- Shaffer, Bernard M. 2,758,933.
- Shaffer, Bernard M. 2,758,935.
- Sarett, Ben L., and D. Scott: said Scott assor. to said Sarett. Enzyme-treated sheet product and article wrapped therewith. 2,765,233, 10-2-56, Cl. 99-178.
- Sarett, Lewis H., to Merck & Co., Inc. A14-3,20-diketo-11-oxygenated-17,21-dihydroxy-pregnadiene 21-tertiary butylacetates and 9-fluoro derivatives thereof. 2,736,734, 2-28-56, Cl. 260-397.45.
- Sargent & Co.: See—
- Ellis, Charles A. 2,772,108.
- Oxhandler, Samuel. 2,769,237.
- Sargent, Donald E.: See—
- Albus, Charles P., and Sargent. 2,744,025.
- Albus, Charles P., and Sargent. 2,744,026.
- Sargent, E. H., & Co.: See—
- Sherick, Paul. 2,743,995.
- Sherick, Paul H., and Schumacher. 2,767,064.
- Sargent, Edward J., to Sargent Rodless Pump Co. Hydraulic pump. 2,748,712, 6-5-56, Cl. 103-46.
- Sargent, Elbert R.: See—
- Ballauer, Alb C., Sargent, and Schmidt. 2,740,254.
- Sargent & Greenleaf, Inc.: See—
- Sargant, Arthur, and Schmorhun. 2,752,773.
- Taylor, James L. 2,775,112.
- Sargent, Howard H., Jr.: See—
- Raymond, Horace H., and Sargent. 2,752,800.
- Sargent, Robert C., to Federal Paper Board Co., Inc. Container carrier. 2,759,629, 8-21-56, Cl. 220-110.
- Sargent Rodless Pump Co.: See—
- Sargent, Edward J. 2,748,712.
- Sargent-Roundy Corp., The: See—
- Morse, Leslie G., and Carpenter. 2,768,770.
- Sargent, Theodore L. Automatic feed for box making machines. 2,761,559, 9-5-56, Cl. 93-54.
- Sarigi, Walter, and G. Miller, to Sarier Corp. Carburetor gas saver. 2,749,894, 6-12-56, Cl. 123-97.
- Sarkes Tarzian, Inc.: See—
- Fuller, Wendell A. 2,755,448.
- Roberts, William B. 2,737,348.
- Sarler Corp.: See—
- Sarlio, Walter, and Miller. 2,749,894.
- Sarlo, Rocco L.: See—
- Bracy, Sylvanus B., Levy, and Sarlo. 2,775,756.
- Sarofeen, George M. J. Processes of packaging water and other commodities and apparatus useful in the practice of such processes. 2,775,079, 12-25-56, Cl. 53-25.
- Sarong, Inc.: See—
- Flores, Iris M. 2,730,275.
- Lax, Leona, and Hine. 2,736,898.
- Zimmerman, Eli, and Thompson. 2,731,088.
- Sarrat, Sylvian, J., and G. Nivekusho. Electrical under-supporting carton. 2,739,701, 3-27-56, Cl. 206-45.19.
- Sarratt, Everett R., to Clevite Corp. Sonic energy source. 2,752,512, 6-26-56, Cl. 310-81.
- Sarrazin, Paul, F. G. Paris, and J. Bertin, to Societe Nationale d'Etude et de Construction de Moteurs d'Aviation. Boilers. 2,748,753, 6-5-56, Cl. 122-24.
- Sartakoff, Jack D. Method of making a carboy. 2,768,106, 10-23-56, Cl. 154-83.
- Sarti, George W. Continuous web treating apparatus. 2,764,009, 9-25-56, Cl. 68-15.
- Sarti, Norma O., to Chrysler Corp. Control apparatus. 2,760,167, 9-25-56, Cl. 135-36.4.
- Sartori, Mario F., to E. I. du Pont de Nemours and Co. Fluorescent whitening agents. 2,737,516, 3-6-56, Cl. 260-304.
- Sasaki, Jun-ichi, M. Kobayashi, and K. Maeda, to Kabushiki Kaisha Hokuin Doki Seisakusho. Electrical under control apparatus. 2,736,856, 2-28-56, Cl. 318-489.
- Sasnett, Russell M., and A. E. Smith, to General Electric Co. Ice making apparatus. 2,741,104, 4-10-56, Cl. 62-108.5.
- Sasse, Elmer C. Scissors sharpener. 2,753,666, 7-10-56, Cl. 51-92.
- Sasse, Louis. Measuring device for dark room film cutters. 2,738,586, 3-20-56, Cl. 33-81.
- Sassi, Umberto. Machine for the automatic forming of the laminated iron core of transformers, induction coils, and the like. 2,750,659, 6-19-56, Cl. 29-203.
- Satake, Toshiniko. Grain separator. 2,741,368, 4-10-56, Cl. 209-479.
- Sateren, Martin G.: See—
- Johnson, Thomas D., and Sateren. 2,774,928.
- Sather, Olaf P. Oil filter. 2,742,155, 4-17-56, Cl. 210-131.
- Sather, Oliver H. Premake ready plate cylinder. 2,736,259, 2-25-56, Cl. 101-378.
- Sativa Corp.: See—
- Burkardt, Anton F., and Boeglin. 2,731,820.
- Sato, Shigehashi. Device for atomizing pressurized gas or liquid insecticides. 2,759,768, 8-21-56, Cl. 299-95.
- Satterfield, Walter R.: See—
- Linnert, George E., and Satterfield. 2,745,769.
- Satterlee, Charles H., and R. B. Stark, to The Gleason Works. Chuck. 2,742,296, 4-17-56, Cl. 279-2.
- Sattler, Emil.: See—
- Leitnauer, Heinz, Linder, and Sattler. 2,775,512.
- Satz, William. Manually removable crown cap. 2,750,062, 6-12-56, Cl. 215-46.
- Satzinger, Gebhard. Wire brushes. 2,769,192, 11-6-56, Cl. 15-29.
- Saucedo, Carlos. Key cutting machine for pin tumbler cylinder locks. 2,757,578, 8-7-56, Cl. 90-13.05.
- Sauer, A., and Co. Inc.: See—
- Steffen, Louis. 2,766,599.
- Sauer, Alfred E., to B. A. Ballou & Co. Inc. Clamp for buckle. 2,767,453, 10-2-56, Cl. 24-191.
- Sauer, Alfred E., to B. A. Ballou & Co., Inc. Pin stem finding. 2,773,292, 12-11-56, Cl. 24-157.
- Sauer, Christian H. Brake system for wheel supported vehicles, including structure for transmitting braking torque from wheels to the vehicle frame. 2,759,565, 8-21-56, Cl. 185-2.
- Sauer, Fred P., Jr. Leveling device for hand tool. 2,767,483, 10-23-56, Cl. 33-207.
- Sauer, George, to Union Special Machine Co. Sewing machines. 2,749,859, 6-12-56, Cl. 112-210.
- Sauer, George, to Union Special Machine Co. Sewing machine lubrication. 2,762,454, 9-11-56, Cl. 184-6.
- Sauer, Harold A.: See—
- Grisdale, Richard O., and Sauer. 2,739,371.
- Sauer, Harold A., to Bell Telephone Laboratories, Inc. Wire coating apparatus. 2,730,069, 1-10-56, Cl. 118-234.
- Sauer, Herbert.: See—
- Meis, Helmut, and Sauer. 2,768,147.
- Sauer, James D. Soldering tool. 2,751,485, 6-19-56, Cl. 219-27.
- Sauer, John C.: See—
- Sauer, John C., Niemann, and Sauer. 2,733,233.
- Sauer, John C., to E. I. du Pont de Nemours & Co. Catalytic reaction of acetylene with vinylidene or vinylene compounds. 2,741,631, 4-10-56, Cl. 260-465.3.
- Sauer, Louis B., to Westinghouse Electric Corp. Pressure switch. 2,775,146, 12-4-56, Cl. 200-83.
- Sauer, Robert, to General Electric Co. Preparation of phenyl alkylchlorosilanes. 2,730,540, 1-10-56, Cl. 200-448.2.
- Sauerman, Edward E. Device for dispensing measured quantities of coffee. 2,770,398, 11-13-56, Cl. 222-181.
- Sauerman, Ernst C., to Address Mail Fast Systems, Inc. Hectographic rotary address printing means. 2,766,685, 10-16-56, Cl. 101-53.
- Sauermilch, Walter.: See—
- Mathes, Wilhelm, and Sauermilch. 2,749,351.
- Saukatis, Albert J., and G. S. Gardner, to American Chemical Patent Co. Derivatives of rosin amines. 2,758,970, 8-14-56, Cl. 252-8.65.
- Saul, August A.: See—
- Pfalter, George M., and Saul. 2,730,045.
- Saul, George A., to Monsanto Chemical Co. Preparation of unsym. dialkyl bis(dialkylamido) pyrophosphates. 2,729,667, 1-3-56, Cl. 260-461.
- Saul, George A., to Monsanto Chemical Co. Process for making diethoxyphosphoryl tetramethyldiamidodithiophosphate. 2,729,668, 1-3-56, Cl. 260-461.
- Saul, George A., and K. L. Godfrey, to Monsanto Chemical Co. Manufacture of phosphorus amides. 2,752,392, 6-26-56, Cl. 260-545.
- Saul, Leslie V. Shackle for sheep. 2,767,685, 10-23-56, Cl. 119-128.
- Saul, Leslie V. Ground secured animal drinking receptacle. 2,772,660, 12-4-56, Cl. 119-61.
- Saul, Samuel, Jr. Pallet racks. 2,729,342, 1-3-56, Cl. 211-147.
- Saul, Samuel Jr. Peg rack with adjustable and removable supports. 2,760,647, 8-28-56, Cl. 211-13.
- Saulnier, Raymond. Retractable landing gears. 2,747,817, 1-10-56, Cl. 244-50.
- Saulnier, Theodore, Jr., to Radio Corp. of America. Electron photographic plate construction. 2,748,288, 5-29-56, Cl. 250-65.
- Sauls, Thomas W.: See—
- Rueggeberg, Walter H. C., and Sauls. 2,743,288.
- Saunders, Arthur M., to E. I. du Pont de Nemours and Co. Feed roll string-up. 2,732,931, 1-31-56, Cl. 208-67.
- Saums, William A., and W. Schoen, to Masonite Corp. Preparation of high purity wood sugars. 2,759,856, 8-21-56, Cl. 127-37.
- Saunders, Alfred P.: See—
- Overfield-Collins, Edward, and Saunders. 2,751,771.
- Saunders, Alfred P., to Wildt and Co. Ltd. Seamless article of knitted footwear and in method of producing the same. 2,747,389, 5-29-56, Cl. 66-172.
- Saunders, Alfred P., to Wildt and Co. Ltd. Welt implement for full-fashioned knitting machines. 2,753,704, 7-10-56, Cl. 66-86.
- Saunders, Arnold E., to Pittsburgh Plate Glass Co. Method of producing a metal film on a refractory base having a metal oxide film thereon. 2,762,725, 9-11-56, Cl. 117-297.
- Saunders, Arnold E., to Pittsburgh Plate Glass Co. Method of producing a metal film on a refractory base. 2,762,726, 9-11-56, Cl. 117-227.
- Saunders, Clare C. Bathing and shower cap. 2,730,720, 1-17-56, Cl. 2-68.

- Saunders, Claude, to Georgia Kaolin Co. Filters. 2,744,633, 5-8-56, Cl. 210-199.
- Saunders, Donald J.: *See—*  
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- Saunders, Erle F., and D. Drysdale. Strand break detecting apparatus. 2,734,334, 2-14-56, Cl. 57-81.
- Saunders, Erle F., and D. Drysdale. Strand interrupting and feeding apparatus. 2,734,335, 2-14-56, Cl. 57-86.
- Saunders, Floyd E. Adjustable stand. 2,741,868, 4-17-56, Cl. 45-87.
- Saunders, Frank S.,  $\frac{1}{2}$  to Alltooks Ltd. Hydrostatic coupling. 2,751,934, 6-26-56, Cl. 137-791.
- Saunders, Fred Q. Portable and collapsible bath for beds. 2,763,873, 9-25-56, Cl. 4-177.
- Saunders, Harry L. Seat unit for bathtubs. 2,772,721, 12-4-56, Cl. 153-361.
- Saunders, Henry J. H.: *See—*  
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- Saunders, James H.: *See—*  
Sloccombe, Robert J., Hardy, and Saunders. 2,770,639.
- Sloccombe, Robert J., and Saunders. 2,773,086.
- Saunders, James H., and W. B. Bennett, to Monsanto Chemical Co. Production of isocyanates from isocyanic acid and amines or amine hydrohalides. 2,732,392, 1-24-56, Cl. 260-453.
- Saunders, Marcellus G.: *See—*  
Avera, William W., and Saunders. 2,752,005.
- Saunders, Norman B.: *See—*  
Hunt, Frederick W., Saunders, and Kirkland. 2,742,566.
- Saunders, Norman B., to the United States of America as represented by the Secretary of the Navy. Range indicator for scanning echo ranging system. 2,729,765, 1-3-56, Cl. 315-22.
- Saunders, Norman B., to American Machine & Foundry Co. Magnetic stepping switches. 2,769,925, 11-6-56, Cl. 307-88.
- Saunders, Orson V., to General Motors Corp. Two temperature refrigerator. 2,739,450, 3-27-56, Cl. 62-103.
- Saunders, Orson V., to General Motors Corp. Vertically adjustable refrigerator shelf support. 2,739,864, 3-27-56, Cl. 312-306.
- Saunders, Orson V., to General Motors Corp. Refrigerator with means to cool shelves adjacent an insulated freezing compartment. 2,745,233, 3-15-56, Cl. 62-89.
- Saunders, Orson V., to General Motors Corp. Hydrator on refrigerator cabinet door. 2,745,260, 5-15-56, Cl. 62-89.
- Saunders, Orson V., to General Motors Corp. Refrigerator having adjustable door shelves. 2,749,718, 6-12-56, Cl. 62-89.
- Saunders, Orson V., to General Motors Corp. Spaced wall cabinet structure. 2,758,741, 8-14-56, Cl. 220-15.
- Saunders, Orson V., to General Motors Corp. Refrigerating apparatus having shelf in door compartment. 2,761,289, 9-4-56, Cl. 62-89.
- Saunders-Roe Ltd.: *See—*  
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Robertson, Frank. 2,734,705.
- Saunders, Romaine, Jr., and L. E. Swedlund, to Radio Corp. of America. Electrostatic focused gun for cathode ray tube. 2,760,098, 8-21-56, Cl. 313-78.
- Saunders Valve Co. Ltd.: *See—*  
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Shand, Stanley G. 2,751,185.
- Saunders, Vernon I., and I. F. and W. M. Salminen, to Eastman Kodak Co. Mordanting basic dyes in photography. 2,756,149, 7-24-56, Cl. 85-8.
- Saupe, Karl W., to Mizzy, Inc. Dental hand abrasive separator device. 2,730,804, 1-17-56, Cl. 32-58.
- Saurenman, Dean F., to Schlumberger Well Surveying Corp. Borehole apparatus operated by the well fluid. 2,770,308, 11-13-56, Cl. 166-65.
- Sausele, George J. H., to Intertype Corp. Photocomposing machine with automatic line repeat mechanism. 2,761,363, 9-4-56, Cl. 95-4.5.
- Sauter, August, K. G.: *See—*  
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- Sauter, John D.: *See—*  
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Few, William, and Sauter. 2,759,139.
- Sauter, Karl, to L. W. S. A. Air tempering and distributing units. 2,758,822, 8-14-56, Cl. 257-137.
- Sauvage, Willard L. Fisherman's utility container. 2,762,674, 9-11-56, Cl. 312-305.
- Savage, Albert E., to E. I. du Pont Chemical Co. Color stabilized white pigmented ethyl cellulose plastic compositions. 2,731,357, 1-17-56, Cl. 106-176.
- Savage Arms Corp.: *See—*  
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- Roper, Walter F.: *See—*  
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Roper, Walter F., and Wright. 2,765,562.  
Roper, Walter F., and Wright. 2,765,563.
- Savage, George M., to The Upjohn Co. Process and apparatus for determining biological potency of a substance in a liquid substrate. 2,771,399, 11-20-56, Cl. 195-103.5.
- Savage, Guy, Jr. Baby crib. 2,764,764, 10-2-56, Cl. 5-99.
- Savage, Kenneth W., to Crampton Mfg. Co. Freezer lock. 2,775,111, 12-25-56, Cl. 70-9.
- Savage, Lester D., Jr. Combined Bessemer-open hearth furnace. 2,767,701, 8-21-56, Cl. 266-33.
- Savage, Phillip L.: *See—*  
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- Savage, Richard C.: *See—*  
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- Savage, Robert H., to General Electric Co. Current-conveying brushes. 2,736,830, 2-28-56, Cl. 310-228.
- Savage, Robert T., and H. Kollgaard, to Houdry Process Corp. Gas contacting and disengaging apparatus. 2,734,805, 2-14-56, Cl. 23-288.
- Savary, André. Dispensing closure for receptacles. 2,757,824, 8-7-56, Cl. 222-209.
- Saverio, Casimiro G. Reversible lift for furniture legs. 2,750,709, 6-19-56, Cl. 45-137.
- Savi, Joseph G. Universal baby nursery. 2,760,464, 10-16-56, Cl. 5-93.
- Savin, Bennett S., Jr., to United Aircraft Corp. Gas turbine power plant supporting structure. 2,747,367, 5-29-56, Cl. 60-39.16.
- Savin, Bennett S., Jr., to United Aircraft Corp. Locking means between compressor and turbine. 2,757,857, 8-7-56, Cl. 230-116.
- Savin, Bennett S., Jr., to United Aircraft Corp. Brake for turbine rotor. 2,770,946, 11-20-56, Cl. 60-39.14.
- Savino, Henry C. Production deviation computer. 2,730,300, 1-10-56, Cl. 235-61.
- Savitsky, Kurt G.: *See—*  
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- Savoie, René. Three-position relay. 2,735,045, 2-14-56, Cl. 317-172.
- Sawley, Raymond, to Girling Ltd. Rear wheel suspensions for motorcycles. 2,756,045, 7-24-56, Cl. 267-8.
- Sawamura, Hiroshi. Method of manufacturing castings of cast iron of refined graphite structure. 2,759,812, 8-21-56, Cl. 75-133.
- Sawchuk, Michael. Sterilizing drinking fountains. 2,756,470, 7-31-56, Cl. 21-102.
- Sawdey, George W.: *See—*  
Loria, Anthony, and Sawdey. 2,756,253.
- Sawdey, George W., to Eastman Kodak Co. Photographic film containing thiazolidine derivatives. 2,739,888, 3-27-56, Cl. 95-2.
- Sawdey, George W., and J. A. Van Allan, to Eastman Kodak Co. 5-benzal-3-n-cetyl-2-phenylimino-4-thiazolidone. 2,739,971, 3-27-56, Cl. 260-306.7.
- Sawyer, R. P. The Pipe Machinery Co. Apparatus for applying couplings to the threaded ends of pipes. 2,756,490, 7-31-56, Cl. 29-240.
- Sawdon, Victor J. Envelopes. 2,759,658, 8-21-56, Cl. 229-73.
- Sawyer, Arthur W.: *See—*  
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- Sawyer, Brian A.: *See—*  
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- Sawyer, Frederick D., and J. R. Schram, to Ford Motor Co. Disc harrow. 2,763,112, 9-18-56, Cl. 55-83.
- Sawyer, John W., G. O. Hazzard, and J. G. McCubbin. Grooving and helical gears to reduce noise. 2,761,327, 9-4-56, Cl. 74-443.
- Sawyer, Miriam J. Finger nail paint guard. 2,771,082, 11-20-56, Cl. 132-73.
- Sawyer, Orrin, to The Auto-Diesel Piston Ring Co. Seal-ring for pistons. 2,739,243, 3-13-56, Cl. 309-46.
- Sawyer, Webster M.: *See—*  
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- Sawyer, Webster M., Jr.: *See—*  
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- Sawyer, William F. Cr. milling attachment for milling machines. 2,745,319, 5-15-56, Cl. 90-13.9.
- Sawyer, Winslow A., to the United States of America as represented by the Secretary of the Army. Rocket. 2,748,702, 6-5-56, Cl. 102-49.
- Sawyer's Inc.: *See—*  
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Smith, Gordon N. 2,753,773.  
Smith, Gordon N. 2,753,775.  
Smith, Gordon N. 2,753,776.  
Smith, Gordon N. 2,753,911.
- Sax, Percival M., Jr. Hand trucks for climbing stairs. 2,759,927, 7-25-56, Cl. 280-3.2.
- Saxe, Raymond J. Planer attachment for electric drills or the like. 2,771,104, 11-20-56, Cl. 144-114.
- Saxe, Walter E., to The Conveyor Co. Apparatus for distributing materials and depositing metered quantities thereof into containers. 2,743,860, 5-1-56, Cl. 226-94.
- Saxe, Walter E., to The Conveyor Co., Inc. Device for cooling and dewatering sand and aggregate. 2,758,445, 8-14-56, Cl. 62-1.
- Saxe, Walter E., to The Conveyor Co., Inc. Method and apparatus for hydraulic classification involving settling. 2,760,634, 8-28-56, Cl. 209-208.
- Saxe, Walter E., to The Conveyor Co. Troughing roll supporting apparatus. 2,766,076, 10-9-56, Cl. 308-20.
- Saxe, Walter E., to The Conveyor Co., Inc. Rotary filter means. 2,767,853, 10-23-56, Cl. 210-199.
- Saxl, Erwin J. Clutch with magnetic fluid mixture. 2,733,792, 2-7-56, Cl. 192-21.5.
- Saxon, Cecil L. Resilient drive means with plural articulation. 2,773,701, 12-11-56, Cl. 280-439.
- Saxon, Earl M., to E. M. Saxon, Jr. Fountain syringe and swab. 2,771,070, 11-20-56, Cl. 128-231.



- Saxon, Earl M., Jr.: *See—*  
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- Saxton, Millard F.: *See—*  
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- Saxton, Stuart A.: *See—*  
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- Sayer, Leonard A., to National Research Development Corp. Method of cutting a fine screw thread to function as a lead screw in producing another fine screw thread. 2,768,393, 10-30-56, Cl. 10-1.
- Saye, Charles E., to carcass saw with waste-diverting shield. 2,747,622, 5-29-56, Cl. 143-68.
- Sayers, Marshall J., to The Galghier Co. Froth-crowding flotation machine and method. 2,756,877, 7-31-56, Cl. 209-168.
- Sayko, Andrew F.: *See—*  
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- Sayles, Donald A., to Olin Mathieson Chemical Corp. Method for separating sodium cyanate from sodium cyanate-sodium carbonate mixture. 2,766,100, 10-9-56, Cl. 23-75.
- Sayles Finishing Plants, Inc.: *See—*  
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- Saylor, Frank D., & Son: *See—*  
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- Saylor, Mackay C. Liquid level indicator. 2,735,302, 2-21-56, Cl. 73-313.
- Saylor, Murray, to Diamond Glass Co. Gauging apparatus. 2,759,600, 8-21-56, Cl. 209-88.
- Saylor, Rodney D., to Cymet Associates. Mobile extremity restraint. 2,744,526, 5-8-56, Cl. 128-214.
- Saylors, Rodger D. Cast-cutting device. 2,746,452, 5-22-56, Cl. 128-91.
- Sayre, David, to the United States of America as represented by the Secretary of the Navy. Counting circuit. 2,743,359, 9-18-56, Cl. 250-27.
- Sayre, Edward V., to Eastman Kodak Co. Gelation of soluble polymers with attached amino groups. 2,747,998, 5-29-56, Cl. 95-7.
- Sayre, Gordon B., to Boonton Molding Co. Plastic container with sealed seal. 2,744,402, 4-10-56, Cl. 222-215.
- Sayre, Howard S., to Fuller Co. Pulverulent material supply for volumetric feeders. 2,740,671, 4-3-56, Cl. 302-29.
- Sayre, Ray H. Production of perforate ceramic ware. 2,734,246, 2-14-56, Cl. 25-24.
- Says, Henry W.: *See—*  
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- Sawell Associates: *See—*  
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- Sawell, Lawrence G., to Sawell Associates. 2,733,081, 1-31-56, Cl. 286-5.
- Shablitz, Gino, to Oro & Parisini Societa per Azioni. Bearing mounting and method of making same. 2,772,127, 11-27-56, Cl. 308-178.
- Scalf, Jack H., and H. C. Theuerer, to Bell Telephone Laboratories, Inc. Method of preparing germanium for translating devices. 2,753,281, 7-8-56, Cl. 148-1.5.
- Scalford Equipment Co.: *See—*  
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- Scalco Controls, Inc.: *See—*  
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- Scalfe Co.: *See—*  
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- Scallan, Joseph D. Molded lace shoe. 2,749,629, 6-12-56, Cl. 36-58.5.
- Scalngi, Ciro R., to Daisy Mfg. Co. Air gun. 2,758,586, 8-14-56, Cl. 124-15.
- Scanley, Clyde S.: *See—*  
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- Scanlon, Edward C. Plastic bobbin. 2,762,580, 9-11-56, Cl. 242-119.
- Scanlon, Wayne W. Germanium rectifier for large currents. 2,733,390, 1-31-56, Cl. 317-239.
- Scantlebury, Frank M., Jr.: *See—*  
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- Scaramucci, Domer. Frame construction for playgms. 2,763,455, 9-18-56, Cl. 287-54.
- Scarborough, Frederick. Yarn carrier tube for knitting machines. 2,775,109, 12-25-56, Cl. 66-126.
- Scarborough, M. D., to the United States of America as represented by the Secretary of the Navy. Continuity tester for rocket motors. 2,744,236, 5-1-56, Cl. 324-51.
- Scardina, Jack A. Flame cutting machine. 2,734,737, 2-14-56, Cl. 266-23.
- Scarfo, John J., to Whirlpool-Seeger Corp. Foot flange bending mechanism. 2,765,020, 10-2-56, Cl. 153-4.
- Scarnoto, Thomas J.: *See—*  
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- Scarnoules, Costas. Electric battery-operated hand fans. 2,750,104, 6-12-56, Cl. 230-49.
- Scarot, Robert W., to J. M. Huber Corp. Well pump testing apparatus. 2,767,578, 10-23-56, Cl. 73-168.
- Scarth, Virgil: *See—*  
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- Scarth, Virgil, to Phillips Petroleum Co. Sulfobenzyl lignins. 2,775,580, 12-25-56, Cl. 260-124.
- Scavullo, Angelo M.: *See—*  
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- Scavullo, Angelo C.: *See—*  
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- Scavullo, Angelo C., to W. K. F. and C. Scavullo, M. S. Schert, and S. Scott. Method of making hammered ware. 2,750,661, 6-19-56, Cl. 29-553.
- Scavullo, Charles: *See—*  
 Scavullo, Angelo C. 2,750,661.
- Scavullo, Charles J.: *See—*  
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- Scavullo, Frank: *See—*  
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- Scavullo, Victor K.: *See—*  
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- Schaff, Arthur A. Leaching bed. 2,760,636, 8-28-56, Cl. 210-144.
- Schaff, Edward J., E. F. Greedy, and P. S. Devirian, Jr., to Food Machinery and Chemical Corp. Combined harvesting and threshing machine. 2,742,045, 4-17-56, Cl. 130-30.
- Schaff, Kurt H., and R. Kapp, to Nopco Chemical Co. Production of 1-ethynyl-2,6,6-trimethylcyclohex-1-ene. 2,775,626, 12-25-56, Cl. 260-666.
- Schaff, Robert F.: *See—*  
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- Schaar, Marvin G.: *See—*  
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- Schaber, Ralph F., to Chrysler Corp. Electrically conductive flexible shaft coupling. 2,758,289, 8-7-56, Cl. 339-2.
- Schaberg, Johannes G., to Minneapolis-Honeywell Regulator Co. Dynamo electric device. 2,756,357, 7-24-56, Cl. 310-168.
- Schabert, Robert: *See—*  
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- Schacht, Hyman. Impeller mechanism for potato chip machines. 2,737,107, 3-6-56, Cl. 99-405.
- Schachinger, Edward A. Sliding bolt lock. 2,754,672, 7-17-56, Cl. 70-151.
- Schuchinger, Edward A. Combination changing lock with improved tumbler pins and socket sleeve. 2,754,673, 7-17-56, Cl. 70-383.
- Schacht Associates, Inc.: *See—*  
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- Schacht, Louis L., to Schacht Associates, Inc. Locking means for a door construction. 2,772,554, 12-4-56, Cl. 70-120.
- Schack, Alfred: *See—*  
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- Schack, Günther, G. Wellensiek, and G. Scheffels, to Rekuperator K. G. Dr. Ing. Schack & Co. Fuel burning hot air generator. 2,742,896, 4-24-56, Cl. 129-110.
- Schade, Frank S., to National Blank Book Co. Writing board for coil wire binders. 2,732,841, 1-31-56, Cl. 129-1.
- Schade, Frank S., to National Blank Book Co. Sheet pack swivel bar support for loose leaf ring binders. 2,760,490, 8-18-56, Cl. 129-1.
- Schade, Oswald. Parachute with control means. 2,754,074, 7-10-56, Cl. 244-152.
- Schade, Otto H., to Radio Corp. of America. Apparatus for measuring the quality of a kinescope. 2,731,597, 1-17-56, Cl. 324-20.
- Schade, Otto H., to Radio Corp. of America. Amplifier having controlled signal expansion and compression characteristics. 2,760,008, 8-21-56, Cl. 179-171.
- Schade, Otto H., to Radio Corp. of America. Kinescope deflection circuits. 2,760,109, 8-21-56, Cl. 315-26.
- Schade, Otto H., Sr., to Radio Corp. of America. Apparatus for and method of measuring the quality of optical devices. 2,773,413, 12-11-56, Cl. 88-14.
- Schade, Willy E., to Eastman Kodak Co. Three component photographic objective comprising five elements. 2,750,839, 6-19-56, Cl. 88-87.
- Schaddeberg, George, to Eastman Mfg. Co. Hose coupling reducer having internal and external stepped sleeves. 2,768,844, 10-30-56, Cl. 285-177.
- Schaeff, Harold M., to Victor Vending Corp. Selective bulk merchandise vending machine. 2,772,811, 12-4-56, Cl. 221-155.
- Schaefer, Carl A., to Square D Co. Float operator. 2,747,043, 5-22-56, Cl. 200-84.
- Schaefer, Carl A., and J. J. Zeller, to Square D Co. Pressure switch. 2,741,678, 4-10-56, Cl. 200-83.
- Schaefer, Carl F., to Norden-Ketay Corp. Barometric altimeter. 2,731,851, 1-24-56, Cl. 73-887.
- Schaefer, Charles F., to The Cluett Company. Cluing machine for sheet material. 2,731,945, 1-24-56, Cl. 118-246.
- Schaefer, Charles F. Coating machine. 2,774,330, 12-18-56, Cl. 118-259.
- Schaefer, Edward E., to Oak Park Trust & Savings Bank. Hose clamp. 2,767,455, 10-2-56, Cl. 24-274.
- Schaefer, Edward J. Motor pump unit. 2,731,918, 1-24-56, Cl. 103-87.
- Schaefer, Edward J. Submersible water pumping system. 2,734,462, 2-14-56, Cl. 103-223.
- Schaefer, Edward J. Submersible sum pump control. 2,739,536, 3-27-56, Cl. 103-26.
- Schaefer, Edward J. Submergible motor. 2,740,058, 3-27-56, Cl. 310-87.
- Schaefer, Edward J. Valve structure for preventing air lock in pumps. 2,744,469, 5-8-56, Cl. 103-203.
- Schaefer, Edward J. Submersible motor construction. 2,731,985, 9-4-56, Cl. 310-87.
- Schaefer, Edward J. Resilient coupling. 2,765,638, 10-9-56, Cl. 64-11.
- Schaefer, Edward J. Under load protective system for electric motor. 2,774,929, 12-18-56, Cl. 318-474.
- Schaefer, Ernest R. Interchangeable combination lure and hooks. 2,748,521, 6-5-56, Cl. 43-35.

- Schaefer, F. & M., Brewing Co., The: *See*—  
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Bockelmann, John B., and Hanft, 2,736,191.  
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Schaefer, Franz, Multipurpose tent-cloth, 2,745,105, 5-15-56, Cl. 39.  
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Schaefer, George F., to Westinghouse Electric Corp., Introducing mercury into discharge lamps, 2,764,857, 10-2-56, Cl. 58-12.  
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Schaefer, Joseph K., Battery connector for storage batteries, 2,760,178, 8-21-56, Cl. 339-275.  
Schaefer, Joseph K., Battery connectors, 2,760,179, 8-21-56, Cl. 339-275.  
Schaefer, Paul, Fireplace cooking grate and crane, 2,740,397, 4-3-56, Cl. 126-137.  
Schaefer, Ralph A., to Clivette Corp., Bearing, 2,741,018, 4-10-56, Cl. 29-197.  
Schaefer, Ralph A., H. V. Pochapsky, and H. J. Sedusky, to Clivette Corp., Method of plating, 2,751,340, 6-19-56, Cl. 204-23.  
Schaefer, Ralph A., J. F. Cerness, and W. H. Morrison, to Clivette Corp., Bearings, 2,752,667, 7-3-56, Cl. 29-196.8.  
Schaefer, Ralph A., J. F. Cerness, and W. H. Morrison, to Clivette Corp., Method of bonding aluminum to steel and article produced thereby, 2,759,250, 8-21-56, Cl. 29-196.6.  
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Schaefer, Vincent J., to General Electric Co., Method of making a focused multicell, 2,731,713, 1-24-56, Cl. 29-423.  
Schaefer, William E., H. J. Batts, and D. A. Brafford, to United States Rubber Co., Acceleration of the vulcanization of butyl rubber with dimethylol phenols and product obtained thereby, 2,749,323, 6-5-56, Cl. 260-48.  
Schaefer, Joseph M., to The Waterbury Farrel Foundry & Machine Co., Cut-off mechanism for headers or like machines, 2,730,731, 1-17-56, Cl. 10-25.  
Schaefer, Joseph M., to The Waterbury Farrel Foundry and Machine Co., Burr-removing attachments for screw-slotting machines, 2,737,669, 1-13-56, Cl. 10-6.  
Schaefer, Joseph M., to The Waterbury Farrel Foundry & Machine Co., Method of and apparatus for making nut blanks having axially extending skirt portions, 2,756,444, 7-31-56, Cl. 10-86.  
Schaefer, Joseph M., to The Waterbury Farrel Foundry & Machine Co., Ejecting devices for headers or like machines, 2,758,322, 8-14-56, Cl. 10-11.  
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Schaefer, William D., to Union Oil Co. of California, Selective clathration of C<sub>8</sub> aromatic hydrocarbon mixtures with a para-amino substituted triphenylmethane, 2,769,851, 11-6-56, Cl. 290-674.  
Schaeffer, Georg, and E. Bensch, to Industriewerk Schaeffer, Cage for needle bearings, 2,772,128, 11-27-56, Cl. 308-217.  
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Schaechlin, Walter, to Westinghouse Electric Corp., Protective system for dynamoelectric machines, 2,735,054, 2-14-56, Cl. 318-144.  
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Schnfer, George F., and L. F. Nauman, Half concrete form chase mould, 2,753,611, 7-10-56, Cl. 25-128.  
Schäfer, Harald, to W. C. Heraeus G. m. b. H., Production of metallic tantalum and metallic niobium from mixtures of compounds thereof, 2,760,112, 10-9-56, Cl. 75-84.5.  
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Schäfer, Werner, G. Domagk, R. Wegler, and E. Kühle, to Schenley Industries, Inc., Process for the production of thioisocarbazones of isonicotinlaldehyde and 4-pyridyl alkyl ketones, 2,744,905, 5-8-56, Cl. 260-294.8.  
Schäfer, William J., to A. J. Waldorf, Supervised fire detection and alarm system, 2,737,642, 3-6-56, Cl. 340-227.  
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Schaffer, David J., and R. R. Dorland, to Bendix Aviation Corp., Choke control device, 2,774,343, 12-18-56, Cl. 123-111.  
Schaffer, Max A., and E. J. Siff, to Sperry Rand Corp., Quick setting means for gyro stabilized mechanisms, 2,771,779, 11-27-56, Cl. 74-534.  
Schaffer, Norman G., to Western Electric Co., Inc., Detachable interchanger for industrial trucks, 2,756,886, 7-31-56, Cl. 214-515.  
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Schaffner, Paul E., to Schaffner Mfg. Co., Finishing apparatus, 2,767,524, 10-29-56, Cl. 51-193.  
Schaffner, Theodore, to Mareh Steel Corp., Sectional knock down metal kitchen cabinet, 2,732,273, 1-24-56, Cl. 312-257.  
Schaffner, Kay, Compressible container with automatically closing and retracting discharge nozzle, 2,758,755, 8-14-56, Cl. 212-213.  
Schafroth, Werner, Stapling machine, 2,740,119, 4-3-56, Cl. 1-49.  
Schafroth, Werner, Stapling machine with removable flap lifter blade, 2,764,758, 10-2-56, Cl. 1-120.  
Schafroth, Werner, Stapling machine, 2,770,804, 11-20-56, Cl. 1-49.  
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Schalfer, Edward G., to Armstrong Cork Co., Loop controlling means, sheet handling device, 2,751,223, 6-19-56, Cl. 271-22.  
Schalfer, George S., to Boeing Airplane Co., Air intake system for aircraft power plants, 2,752,111, 6-26-56, Cl. 244-57.  
Schalk, Robert F., to Western Electric Co., Inc., Capacitor-charging system, 2,775,731, 12-25-56, Cl. 320-1.  
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Schaming, Guillaume, to Societe Schostal, Device for centering disks to be flattened between dies, 2,731,860, 1-24-56, Cl. 78-17.  
Schaming, Guillaume, to Societe Schostal, Method of cold working blocks between dies, 2,747,266, 5-29-56, Cl. 29-417.  
Schaming, Guillaume, to Societe Schostal, Method of cold flattening blocks, 2,747,267, 5-29-56, Cl. 29-417.  
Schaming, Guillaume, to Societe Schostal, Apparatus for producing disks from metal bars, 2,747,667, 5-29-56, Cl. 164-40.  
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Schane, Edward H., to Fanner Mfg. Co., Machine for forming wire into a helix, 2,769,478, 11-6-56, Cl. 153-66.  
Schaner, Frederick A., to Air Associates, Inc., Protective device for radio receivers, 2,767,309, 10-16-56, Cl. 250-20.  
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- Schappert, Hans M.: *See*—  
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- Scharaffa, Frank L., to National Engineering Corp. Torque-converting couplings. 2,743,628, 5-1-56, Cl. 74—794.
- Scharenbroich, Jerome A. Holy water fount. 2,748,994, 6-5-56, Cl. 222—418.
- Schares, Roger W. Dispensing container for support upon an edge of a receptacle. 2,736,657, 2-28-56, Cl. 99—171.
- Scharf, Herbert, to Maschinenfabrik Augsburg-Nürnberg A. G. Shaped article of ceramic material. 2,729,422, 1-3-56, Cl. 253—77.
- Scharf, Herbert D. Wire cutting and stripping machines. 2,756,619, 7-31-56, Cl. 81—9.51.
- Scharf, Murray M., 50% to B. Greenblatt. Soup concentrator. 2,731,351, 1-17-56, Cl. 93—124.
- Scharf, Murray M., 50% to B. Greenblatt. Soup concentrator. 2,731,352, 1-17-56, Cl. 99—124.
- Scharfenberg, George T.: *See*—  
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- Scharfenberg, Walter. Automatic cable connecting apparatus for railroad cars and the like. 2,751,089, 6-19-56, Cl. 213—13.
- Scharff, Herbert E., and M. C. Walschaert. Adjustment means for spring tension clips of jewelry. 2,728,968, 1-3-56, Cl. 24—252.
- Scharmann & Co. G. m. b. H.: *See*—  
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- Scharmann, Louis R.: *See*—  
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- Scharmann, Walter G., deceased (by L. R. Scharmann, executor), and A. F. Kaulakis, to Esso Research and Engineering Co. Fluid hydroforming process. 2,756,189, 7-24-56, Cl. 196—50.
- Schatz, Joseph. Educational blackboard. 2,740,206, 4-3-56, Cl. 35—62.
- Schatzel, De Wolf. Speed-doubling power transmitting devices. 2,748,610, 6-5-56, Cl. 74—69.
- Schatzman, George W.: *See*—  
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- Schatzman, George W., to Houdaille Industries, Inc. Fender shield latching mechanism. 2,758,859, 8-14-56, Cl. 292—1.
- Schatzman, George W., to Houdaille Industries, Inc. Fender and fender shield assembly. 2,761,698, 9-4-56, Cl. 292—153.
- Schaub, Franz, to Ruhrchemie Aktiengesellschaft. Drying granular material. 2,78,995, 1-3-56, Cl. 34—57.
- Schaub, Franz, and H. Tramm, to Ruhrchemie Aktiengesellschaft. Method and apparatus for treating granular materials with gases. 2,766,534, 10-16-56, Cl. 34—33.
- Schaub, Franz, and H. Tramm, to Ruhrchemie Aktiengesellschaft. Separation of fine-grained portions from granular materials. 2,766,880, 10-16-56, Cl. 209—138.
- Schaub, Fred H., Engineering Co., Inc.: *See*—  
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- Schaub, Robert F., to Fred H. Schaub Engineering Co., Inc. Hot water heating systems. 2,756,739, 7-31-56, Cl. 126—362.
- Schaub, Willy O. Strainer for paint sprayers or the like. 2,732,946, 1-31-56, Cl. 210—94.
- Schauble, Otto C., and E. H. Palchik, to The Lummus Co. Crazing of hydrocarbon gases and heater therefor. 2,733,287, 1-31-56, Cl. 260—679.
- Schauer, Lawrence B.: *See*—  
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- Schaufelberger, Felix A., to Chemical Construction Corp. Recovery of elemental metal powder from salt solutions. 2,734,821, 2-14-56, Cl. 75—108.
- Schaufelberger, Felix A., to Chemical Construction Corp. Cobaltic pentamine sulfate separation. 2,767,055, 10-16-56, Cl. 23—117.
- Schaufelberger, Felix A., and E. S. Roberts, to Chemical Construction Corp. Process of producing cobalt in fine powder form. 2,744,003, 5-1-56, Cl. 75—5.
- Schaufelberger, Felix A., and A. M. Czikk, to Chemical Construction Corp. Cobalt pentamine separation. 2,767,054, 10-16-56, Cl. 23—117.
- Schaufelberger, Henry W.: *See*—  
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- Schaufelberger, Henry W., to Western Electric Co., Inc. Wire stripping scissors. 2,735,319, 2-21-56, Cl. 81—9.5.
- Schauffer, Erwin A., to Siemens-Schuckertwerke Aktiengesellschaft. Apparatus for generating sonic or supersonic mechanical oscillations. 2,730,067, 1-10-56, Cl. 116—137.
- Schaum, Edward A., 1/2 to F. W. Hoch. Matrix used in printing and method of making the same. 2,771,646, 11-27-56, Cl. 22—5.5.
- Schaumburg, Charles P.: *See*—  
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- Schaumburg, Herbert W.: *See*—  
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- Schauer, Theo B., to Hollywood-Maxwell Co. Brassiere. 2,773,261, 12-11-56, Cl. 2—42.
- Schaut, Karl L.: *See*—  
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- Schechter, William H., to Callery Chemical Co. Torch welding. 2,774,136, 12-18-56, Cl. 29—494.
- Scheck, Anna M. Garment hanger. 2,757,835, 8-7-56, Cl. 223—88.
- Scheckler, Gordon F. Asparagus sizer having fluid positioning means. 2,763,305, 9-18-56, Cl. 146—81.
- Schell, Robert W., to the United States of America as represented by the United States Atomic Energy Commission. Alpha survey meter circuit. 2,739,286, 3-20-56, Cl. 324—123.
- Schedler, Kenneth C.: *See*—  
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- Scheel, Walther F., to Rockwell Spring and Axle Co. Tandem axle suspension. 2,750,200, 6-12-56, Cl. 280—104.5.
- Scheel, Walther F., to Rockwell Spring and Axle Co. Pneumatic brake. 2,755,890, 7-24-56, Cl. 188—152.
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- Scheerle, Martin.: *See*—  
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- Schefels, Gerhard.: *See*—  
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- Scheff, Gerhard, and A. Schack, to Rekuperator K. G. Dr. Ing Schack & Co. Recuperator. 2,742,269, 4-17-56, Cl. 257—172.
- Scheffler, Ernst.: *See*—  
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- Schellow, Oliver W.: *See*—  
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- Scheib, Walter.: *See*—  
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- Scheibel, Walter. Warp knitting machine. 2,744,398, 5-8-56, Cl. 66—86.
- Scheil, Herman. Dispensing container. 2,742,902, 4-24-56, Cl. 128—237.
- Scheibill, James R.: *See*—  
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- Scheid, Louis J., to Watervliet Paper Co. Apparatus for the preparation of wood chips. 2,761,289, 9-25-56, Cl. 295—173.
- Scheidenhelm, Earl L., to H. D. Hume. Leveling mechanism for rigid frame disk harrows. 2,767,538, 10-23-56, Cl. 55—73.
- Schelderbauer, Robert A., and L. S. Pitts, to E. I. du Pont de Nemours and Co. Polymerization. 2,748,106, 5-29-56, Cl. 39—38.
- Scheidler, Walter A., to The American Hardware Corp. Fire-exit lock. 2,732,241, 1-24-56, Cl. 292—198.
- Scheidt, Gerald A., to Western Electric Co. Cable measuring apparatus. 2,739,387, 3-27-56, Cl. 33—134.
- Scheide, Albert, Andreas, to G. Ospelt. Engine housing for internal-combustion engines. 2,739,574, 3-27-56, Cl. 121—194.
- Scheitlin, Thomas G., to Whirlpool-Seeger Corp. Refrigerators for freezing food and storage of frozen food. 2,773,362, 12-11-56, Cl. 62—117.3.
- Scheitlin, Thomas G., to Whirlpool-Seeger Corp. Couplings for sprinklers and nozzles. 2,747,938, 5-29-56, Cl. 299—131.
- Scheld, Wilmar F.: *See*—  
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- Scheldorf, Marvel W., to Andrew Corp. Broad band antenna. 2,754,514, 7-10-56, Cl. 343—769.
- Scheldorf, Marvel W., to Andrew Corp. Television transmitting antennas. 2,757,370, 7-31-56, Cl. 343—896.
- Scheldorf, Marvel W., to Andrew Corp. Vertically polarized antenna. 2,757,371, 7-31-56, Cl. 343—905.
- Scheldorf, Owen H., to General Electric Co. Compressor bumper arrangement. 2,741,425, 4-10-56, Cl. 230—232.
- Scheldorf, Owen H., to General Electric Co. Method for supporting a cylinder assembly on a compressor frame. 2,745,169, 5-15-56, Cl. 29—150.
- Schelke, Robert K., and C. M. Huth, to Belden Mfg. Co. Electrical connector. 2,748,367, 5-29-56, Cl. 339—252.
- Schell, Charles E., to Sylva Electric Products, Inc. Shield can and blank therefor. 2,737,313, 3-6-56, Cl. 220—62.
- Schell, Paul, to Penn Controls, Inc. Valve structure. 2,731,230, 1-17-56, Cl. 251—11.
- Schell, Paul, to Penn Controls, Inc. Oil burner safety control system. 2,747,768, 7-10-56, Cl. 158—28.
- Schell, Paul, to Penn Controls, Inc. Oil burner safety control system. 2,772,727, 12-4-56, Cl. 158—28.
- Schell, Roger E.: *See*—  
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- Schell, Roger E., and L. R. Moskowitz, to Radio Corp. of America. Article transfer device. 2,734,616, 2-14-56, Cl. 198—27.
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- Scheller, Gerald F.: *See*—  
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- Schellig, Willy.: *See*—  
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- Schelp, Helmut R., to The Garrett Corp. Air conditioner employing an expansion evaporation air cycle. 2,730,874, 1-17-56, Cl. 62—138.
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- Schemers, William J. Multiple latch for a refrigerator door. 2,732,235, 1-24-56, Cl. 292-34.
- Schemmerling, Mrs. Lute E. See—  
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- Schenau, Bernardus W. V. See—  
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- Schenck, Friedrich R., and G. A. Wetterholm, to Nitro-glycerin Aktiebolaget. Process for producing ammonia derivatives of polynitroalcohols. 2,731,460, 1-17-56, Cl. 260-239.
- Schenck, Harry R., Jr. Film magazine. 2,752,107, 6-26-56, Cl. 242-71.
- Schenck, Leslie M., to General Aniline & Film Corp. Process of preparing oxanilide. 2,739,983, 3-27-56, Cl. 260-558.
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- Schenck, Robert C., to The Duriron Co., Inc. Valve for corrosive fluids. 2,729,420, 1-3-56, Cl. 251-171.
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- Schenk, Karl. See—  
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- Schenk, Rudolf. Fuel injection valve. 2,756,106, 7-24-56, Cl. 299-107.6.
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- Schenkelberger, Frank J., to The Baker-Raulang Co. Load handling equipment for industrial trucks. 2,755,949, 7-24-56, Cl. 214-65.
- Schenkelberger, Frank J., to The Baker-Raulang Co. Drive mechanism. 2,756,850, 7-31-56, Cl. 192-02.
- Schenkman, Murray. Picture frame. 2,746,190, 5-22-56, Cl. 40-152.1.
- Schenley Industries, Inc. See—  
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- Schraufstätter, Ernst, and Bock. 2,770,619.
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- Scheper, Betty. Hat fastener and hairpin. 2,764,988, 10-2-56, Cl. 132-65.
- Schepis, Nunziato. Hair-curling unit. 2,756,756, 7-31-56, Cl. 132-43.
- Scherbatsky, Serge A. See—  
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- Scherbatsky, Serge A. Cross feed indicator for simultaneous radioactivity well logging system. 2,737,595, 3-6-56, Cl. 250-83.6.
- Scherbatsky, Serge A., to Perforating Guns Atlas Corp. Radioactivity well logging apparatus. 2,740,051, 3-27-56, Cl. 250-83.6.
- Scherbatsky, Serge A., to Perforating Guns Atlas Corp. Radiation well logging system. 2,740,053, 3-27-56, Cl. 250-83.6.
- Scherbatsky, Serge A. Logging while drilling. 2,755,431, 7-17-56, Cl. 324-1.
- Scherbatsky, Serge A., to Perforating Guns Atlas Corp. Automatic scintillation counter. 2,758,217, 8-7-56, Cl. 250-71.
- Scherbatsky, Serge A., to Perforating Guns Atlas Corp. High temperature scintillometer. 2,772,368, 11-27-56, Cl. 250-207.
- Scherbinski, Floyd P., to Crampton Mfg. Co. Lock mechanism for a latch. 2,734,373, 2-14-56, Cl. 70-13.
- Scherer, Adolph. Method of making a lamp shade. 2,765,400, 10-2-56, Cl. 240-108.
- Scherer, Bernard L., to Sorensen & Co., Inc. Voltage regulator. 2,755,429, 7-17-56, Cl. 323-66.
- Scherer, Paul A., and R. X. Meyer, to The Hydrofoil Corporation. Flap depth control for hydrofoil craft. 2,749,871, 6-2-56, Cl. 114-66.5.
- Scherer, R. P. Corp. See—  
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- Scherer, Robert C. Compressed packing for cable through wall. 2,733,939, 2-7-56, Cl. 285-30.
- Scherer, Robert P., to R. P. Scherer Corp. Hypo jet injector. 2,754,818, 7-17-56, Cl. 128-173.
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- Sperber, Nathan, and Papa. 2,739,969.
- Sperber, Nathan, Villani, and Papa. 2,739,968.
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- Scherr, George H. Closure. 2,744,648, 5-8-56, Cl. 215-79.
- Scherr, George H., to Origins, Inc. Means for synchronizing the travel of two or more traveling work elements. 2,764,869, 10-2-56, Cl. 60-97.
- Scherrer, Kurt, to Starrfräsmaschinen A. G. Machine tools. 2,761,350, 9-4-56, Cl. 90-13.5.
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- Schetty, Guido, to J. R. Geigy A. G. Cobalt-containing monoazo dyestuffs. 2,730,522, 1-10-56, Cl. 260-147.
- Schetty, Guido, to J. R. Geigy A. G. Chrome-containing monoazo dyestuffs. 2,738,345, 3-13-56, Cl. 260-147.
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- Schetty, Guido, W. Stammach, and E. Model, to J. R. Geigy A. G. Germicidal diphenyl methane compounds. 2,730,554, 1-10-56, Cl. 260-619.
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- Scheuchzer, Alfred, and A. Apparatus for rectifying the rails of railroad tracks. 2,741,883, 4-17-56, Cl. 51-178.
- Scheuchzer, Andre. See—  
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- Scheuer, Jerome A. Separable fastener. 2,772,463, 12-4-56, Cl. 24-27.
- Scheuermann, Albert, to August Enders Aktiengesellschaft. Suspension devices for supporting articles of wearing apparel. 2,771,196, 11-20-56, Cl. 211-94.
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- Scheuermann, Hans, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Production of adhesives from urea-formaldehyde resins. 2,755,263, 7-17-56, Cl. 260-29.4.
- Scheuermann, Otto G., and P. Natlzer, to Conmar Products Corp. Metal and plastic fastener sliders. 2,766,062, 2-28-56, Cl. 18-42.
- Scheuerpflug, Hans, to Rheinmetall Aktiengesellschaft. Crane winch. 2,766,018, 10-9-56, Cl. 254-150.
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- Scheurich, John S., to Northern Pump Co. Transducer. 2,770,703, 11-13-56, Cl. 201-63.
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- Schewe, Lawrence J., to Teletype Corp. Apparatus for photoelectrically sensing message records. 2,762,931, 9-11-56, Cl. 280-219.
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- Schiavi, Vincent, to Roadgrader Gauge Corp. Attachment for roadgrader gauges. 2,748,508, 6-5-56, Cl. 37-108.
- Schiavo, Dominic P. Bubble-enriched filter for aquarium. 2,773,828, 6-11-56, Cl. 210-14.
- Schiavone, Michael W., to Curtiss-Wright Corp. Shrouded turbine blade airfoil grinder. 2,754,637, 7-17-56, Cl. 51-144.
- Schiavoni, William, to Bell Telephone Laboratories, Inc. Test trunk circuit. 2,767,256, 10-16-56, Cl. 179-175.



- Schick, Frederick A., to Allis-Chalmers Mfg. Co. Control mechanism for bulldozer tractors. 2,756,065, 7-24-56, Cl. 280-44.
- Schick Inc.; See—  
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- Schiedel, George M., to Ford Motor Co. Commutator checker. 2,755,435, 7-17-56, Cl. 324-51.
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- Schiefellin & Co.; See—  
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- Schiff, Eugene A. Drop wire and drop wire assembly. 2,734,302, 2-14-56, Cl. 56-163.
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- Schieser, Warren J., and J. F. Kelley, to The Exact Weight Scale Co. Injection molding machine with automatically-controlled weigh-feeder. 2,736,922, 3-6-56, Cl. 18-30.
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- Schiess Aktiengesellschaft; See—  
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- Schiffer, Henry C. Automatic starting device. 2,748,759, 6-5-56, Cl. 123-179.
- Schigas, Joseph J., to Louis Marx & Co., Inc. Link toy. 2,737,753, 3-13-56, Cl. 46-16.
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- Schild, Edwin F. Convertible table. 2,744,806, 5-8-56, Cl. 317-40.3.
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- Schilling, August H., and H. Holzwarth, to Schilling Estate Co. Apparatus for generating driving gases. 2,750,739, 6-19-56, Cl. 60-39.16.
- Schilling, Clarence J., to Air Products Inc. Air fractionating cycle and apparatus. 2,729,953, 1-10-56, Cl. 62-122.
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- Schilling, Paul O., and A. G. Mayer, to Gardner Mfg. Co. Cattle stanchion and latch. 2,772,661, 12-4-56, Cl. 119-147.
- Schilling, Robert, and F. J. Roelandt, to General Motors Corp. Fluid operated torque responsive clutch device. 2,766,864, 10-16-56, Cl. 192-85.
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- Schindler, Frank S., and K. H. Myers, to Chicago Metal Hose Corp. Hydraulic accumulators. 2,731,037, 1-17-56, Cl. 138-30.
- Schindler, Frank S., and R. K. Titus, to Flexonics Corp. Pipe connector with flexible material joint. 2,739,828, 3-27-56, Cl. 285-90.
- Schindler, Frank S., and B. R. Homfeldt, to Flexonics Corp. Tube corrugating apparatus. 2,756,804, 7-31-56, Cl. 153-73.
- Schindler, Fred G., to Smith & Davis Mfg. Co. Folding davenport bed. 2,770,814, 11-20-56, Cl. 5-13.
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- Schinske, William G., to Ideal Industries, Inc. Insulated fish tape. 2,750,152, 6-12-56, Cl. 254-134.3.
- Schinske, William G., to Ideal Industries, Inc. Adjustable wire strippers. 2,770,154, 11-13-56, Cl. 81-9.5.
- Schinske, William G., and L. B. Mitchell, to Ideal Industries, Inc. Prod construction for voltage testers and the like. 2,771,588, 11-20-56, Cl. 339-102.
- Schinz, Robert L. Fishing line coupler. 2,748,524, 6-5-56, Cl. 43-44.83.
- Schiraldi, Robert J.; See—  
Salzmann, Gerhard M., and Schiraldi. 2,744,049.
- Schiring, Ralph C., and A. J. Foderaro, to Picker X-Ray Corp. Demountable X-ray apparatus. 2,754,426, 7-10-56, Cl. 250-57.
- Schirmer, Frank; See—  
Osmund, Charles F. Jr., Grosvenor, McMartin, and Schirmer. 2,748,692.
- Schirmer, Robert M., to Phillips Petroleum Co. Apparatus for atomization of a liquid fuel. 2,745,251, 5-15-56, Cl. 60-39.74.
- Schirmer, Robert M., to Phillips Petroleum Co. Detection and prevention of combustion instability in jet engines. 2,768,583, 10-16-56, Cl. 60-39.28.
- Schiro, Stephen C. Cutting tool. 2,746,146, 5-22-56, Cl. 30-272.
- Schjeldahl, Gilmore T., to Herb-Shelly-Inc. Apparatus for welding large sheets of thermoplastic material. 2,735,473, 2-21-56, Cl. 154-12.
- Schjeldahl, Gilmore T., to Herb-Shelly-Inc. Method of heat sealing and severing plastic sheets. 2,735,797, 2-21-56, Cl. 154-116.
- Schjeldahl, Gilmore T., to Herb-Shelly-Inc. Heat sealing machine. 2,737,999, 3-13-56, Cl. 154-42.
- Schjolin, Hans O., to General Motors Corp. Transmission and controls. 2,743,626, 5-1-56, Cl. 74-472.
- Schjolin, Hans O., to General Motors Corp. Hydraulically operated double acting clutch and controls therefor. 2,743,627, 5-1-56, Cl. 74-472.
- Schjolin, Hans O., and D. K. Isbell, to General Motors Corp. Wear adjustment for brakes. 2,765,052, 10-2-56, Cl. 188-79.5.
- Schjolin, Hans O., and D. K. Isbell, to General Motors Corp. Drive wheel and brake assembly. 2,773,552, 12-11-56, Cl. 188-79.5.
- Schjolin, Hans O., and K. Schuster, to General Motors Corp. Air conditioning apparatus for buses and the like. 2,774,227, 12-18-56, Cl. 62-117.
- Schjolin, Hans O., H. Guentsche, and M. V. Parshall, to General Motors Corp. Transmission and control system. 2,775,330, 12-25-56, Cl. 192-87.
- Schlack, Paul; See—  
Heric, Ludwig, Jehle, Kunz, Möller, and Schlack. 2,733,122.
- Schladebach, Gert, to A. W. Lehr. Collapsible invalid's vehicle. 2,774,605, 12-18-56, Cl. 280-38.
- Schladermundt, Peter, and J. D. Wark, to The Gillette Co. Display rack. 2,740,529, 4-3-56, Cl. 211-49.
- Schlaflay, Hubert J., to Teleprompter Corp. Cuing system. 2,765,552, 10-9-56, Cl. 40-53.
- Schlage, Ernest L., to Schlage Lock Co. Door lock spring unit. 2,729,485, 1-3-56, Cl. 292-1.
- Schlage, Ernest L., to Schlage Lock Co. Key bow device. 2,759,279, 8-21-56, Cl. 40-2.
- Schlage, Ernest L., to Schlage Lock Co. Key bow device. 2,759,280, 8-21-56, Cl. 40-2.

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 Andersen, Niels C. 2,763,971.  
 Schlage, Ernest L. 2,732,485.  
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 Tornøe, John A. 2,738,666.
- Schlaich, Herman, deceased; L. Schlaich, and President and Directors of The Manhattan Co., executors. Compression measuring and recording instruments. 2,745,286, 5-15-56, Cl. 73—391.
- Schlaich, Herman, deceased; L. Schlaich and President and Directors of The Manhattan Co., executors. Method, blanks, and apparatus for making bimetallic coils. 2,754,580, 7-17-56, Cl. 29—548.
- Schlaich, Herman, deceased; L. Schlaich and President and Directors of The Manhattan Co., executors. Temperature responsive bimetallic coils. 2,755,127, 7-17-56, Cl. 297—16.
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- Schlanmann, Johannes T. M., to Shell Development Co. Internal combustion engine with ante-chamber and method of operating same. 2,758,576, 8-14-56, Cl. 123—27.
- Schlang, Franz, and W. Gumlich, to Schlang & Reichart. Traversing guide for a rope winch. 2,757,883, 8-7-56, Cl. 242—158.
- Schlang & Reichart: *See*—  
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- Schlapak, Henry A. Control device. 2,762,603, 12-4-56, Cl. 92—46.
- Schlatter, Hans A., and E. Wegmann, to Firma H. A. Schlatter A. G. Indicating apparatus for flash welding machines. 2,761,951, 9-4-56, Cl. 219—97.
- Schlatter, Maurice J., to California Research Corp. Separation of ethylbenzene from crude xylene fractions. 2,734,930, 2-14-56, Cl. 260—674.
- Schlatter, Maurice J., to California Research Corp. Production of alkyl aromatic compounds. 2,759,984, 8-21-56, Cl. 260—671.
- Schlatter, Maurice J., to California Research Corp. Fused ring hydrocarbon production. 2,768,982, 10-30-56, Cl. 260—668.
- Schlatter, Maurice J., to California Research Corp. Preparation of meta-dialkylbenzenes. 2,768,985, 10-30-56, Cl. 260—671.
- Schlauer, Earle G., to American Cyanamid Co. Testing vacuum in vials. 2,734,628, 2-14-56, Cl. 209—111.
- Schlecht, Helmut: *See*—  
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- Schlecht, Leo and H., to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Processing of nickel-copper mattes. 2,753,259, 7-1-56, Cl. 75—119.
- Schlecht, Leo and H., to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Processing of crude nickel-copper matte. 2,758,020, 8-7-56, Cl. 75—1.
- Schlechten, Albert W.: *See*—  
 Gill, Charles B., Schlechten, and Straumanis. 2,732,321.
- Schlegel, Carl W., to Bethlehem Steel Co. Beam turning device. 2,745,535, 5-13-56, Cl. 198—33.
- Schlegel, Walter L., Jr., to American Steel Foundries. Snubbed truck. 2,730,049, 1-10-56, Cl. 105—197.
- Schlegel, Walter L., Jr., to American Steel Foundries. Axle assembly. 2,740,623, 4-3-56, Cl. 267—57.
- Schlegel, Walter L., Jr., to American Steel Foundries. Snubbed spring group. 2,766,036, 10-9-56, Cl. 267—9.
- Schlegel, Werner. Process for forging cast iron and the like. 2,730,257, 8-21-56, Cl. 29—528.
- Schleicher, Agnes E.: *See*—  
 Schleicher, Eugene M. 2,732,082.
- Schleicher, Eugene M., deceased; A. E. Schleicher, executor. Bookracks. 2,732,082, 1-24-56, Cl. 211—43.
- Schleicher, Harold E., to The Arrow-Hart & Hegeman Electric Co. Contact structure for rotary switches. 2,729,724, 1-3-56, Cl. 200—166.
- Schleicher, Harold E., to The Arrow-Hart & Hegeman Electric Co. Interlocking switch and circuit breaker unit. 2,747,047, 5-22-56, Cl. 200—50.
- Schleicher, Harold E., to The Arrow-Hart & Hegeman Electric Co. Operating magnet structure for rotary electric switches. 2,752,540, 6-26-56, Cl. 317—190.
- Schleicher, Harold E., to The Arrow-Hart & Hegeman Electric Co. Interchangeable interlocking mechanisms for electric switches. 2,756,612, 7-31-56, Cl. 74—483.
- Schleicher, Lowell: *See*—  
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 Green, Barrett K., and Schleicher. 2,730,457.
- Schleimer, Floyd V. Awning construction. 2,730,779, 1-17-56, Cl. 20—57.5.
- Schlemmer, Christian F., to Textile Machine Works. Method of knitting full-fashioned hosiery. 2,733,584, 2-7-56, Cl. 66—89.
- Schlemmer, Philip G., to National Equipment Corp. Elevating mechanism for wrapping machines. 2,731,109, 1-17-56, Cl. 187—17.
- Schlemmer, Philip G., to National Equipment Corp. Sheet material feeding and cutting apparatus. 2,751,982, 6-26-56, Cl. 164—68.
- Schlemmer, Philip G., to National Equipment Corp. Sheet-transporting apparatus. 2,752,152, 6-26-56, Cl. 271—50.
- Schlenker, Felix, to Chemische Werke Albert. Process for improving the hardening characteristics of phenolic resins. 2,742,449, 4-17-56, Cl. 260—51.
- Schlenker, Felix, and H. Starck, to Chemische Werke Albert. Epoxide resins cured by alcohols of polyvalent metals. 2,767,158, 10-16-56, Cl. 260—47.
- Schlenz, Harry E., and L. E. Langdon, to Pacific Flush Tank Co. Method of and apparatus for digesting sludge. 2,768,137, 10-23-56, Cl. 210—2.
- Schlesinger, Albert, to Endo Laboratories, Inc. Esters of nicotinic acid. 2,766,252, 10-9-56, Cl. 260—295.5.
- Schlesinger, Arthur H.: *See*—  
 Benard, George E., and Schlesinger. 2,757,119.  
 Mowry, David T., and Schlesinger. 2,734,815.  
 Mowry, David T., and Schlesinger. 2,745,729.
- Schlesinger, Arthur H., to Monsanto Chemical Co. Oxybis phenyl glycidyl ether. 2,769,818, 11-6-56, Cl. 260—343.3.
- Schlesinger, Arthur H., to Monsanto Chemical Co. Herbicidal compositions. 2,773,758, 12-11-56, Cl. 71—2.3.
- Schlesinger, Kurt, to Motorola, Inc. Color television system. 2,735,886, 2-21-56, Cl. 178—5.2.
- Schlesinger, Kurt, to Motorola, Inc. Inter-carrier sound system. 2,750,441, 6-12-56, Cl. 178—5.8.
- Schlesinger, Kurt, to Motorola, Inc. Vectorscope. 2,751,429, 6-19-56, Cl. 178—5.4.
- Schlesinger, Kurt, to Motorola, Inc. Color tube. 2,755,410, 7-17-56, Cl. 260—671.
- Schlesinger, Kurt, to Motorola, Inc. Modulator. 2,775,738, 12-25-56, Cl. 332—43.
- Schlesinger, Kurt, and L. W. Nero, to Motorola, Inc. Electron display means. 2,751,554, 6-19-56, Cl. 324—88.
- Schlesinger, Kurt, and V. Graziano, to Motorola, Inc. Detection system. 2,770,748, 11-13-56, Cl. 313—78.
- Schlesinger, Kurt P., to United Engineering & Foundry Co. Collapsible reel drum. 2,765,125, 10-2-56, Cl. 242—72.
- Schlicht, Roy H., and D. D. Blaskovitz. Automatic wire taping apparatus. 2,733,753, 2-7-56, Cl. 154—1.8.
- Schlessiger, Paul J.: *See*—  
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- Schletz, Fred W.: *See*—  
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- Schletz, Howard D.: *See*—  
 Gullihom, Marcus. 2,754,702.
- Schlichter Jute Cordage Co., The: *See*—  
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- Schlichting, Otto: *See*—  
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- Reppe, Walter, Schlichting, and Westphal. 2,744,900.
- Reppe, Walter, Schlichting, Westphal, and Amann. 2,732,830.
- Reppe, Walter, Schlichting, Westphal, and Amann. 2,759,926.
- Schlichtmann, Walter H. Airplane tire tread. 2,759,512, 8-2-56, Cl. 209—39.
- Schlicksupp, Theodore F. Dental floss device. 2,736,327, 2-28-56, Cl. 132—91.
- Schlicksupp, Theodore F. Closure mechanism for containers. 2,769,582, 11-6-56, Cl. 222—513.
- Schlit, Floyd R. Fuel burner nozzle and assembly. 2,757,723, 8-7-56, Cl. 158—115.
- Schlittler, Emil, and J. Mueller. Crystalline reserpine, salts and compositions thereof. 2,752,351, 6-26-56, Cl. 260—286.
- Schlittler, Emil, and J. Mueller, to Ciba Pharmaceutical Products, Inc. New indolines. 2,755,287, 7-17-56, Cl. 260—319.
- Schlitz, Jos., Brewing Co.: *See*—  
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- Schloemann Aktiengesellschaft: *See*—  
 Billen, Peter. 2,738,063.  
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- Schloen, John H., B. M. Ekin, and K. Ekler, to Canadian Copper Refiners Ltd. Electrolyte for copper refining, including polyvinyl alcohol. 2,769,775, 11-6-56, Cl. 204—108.
- Schloss, Morris. Buff-making machines. 2,752,202, 6-26-56, Cl. 300—1.
- Schloss, Morris. High-speed rotary buffs. 2,767,525, 10-23-56, Cl. 51—193.
- Schlosser, Paul H., and R. L. Mitchell, to Rayonier Inc. Regenerated cellulose sheets and process of producing the sheets. 2,747,092, 5-8-56, Cl. 18—48.
- Schlosser, Paul H., R. L. Mitchell, and R. F. Hampton, to Rayonier Inc. Xanthan. 2,762,795, 9-11-56, Cl. 260—217.
- Schlosser, Russell K., Jr.: *See*—  
 Renard, Ernest P., and Schlosser. 2,755,083.
- Schlossmacher, Hubert, to Kurt Körber & Co. K-G. Apparatus for moistening tobacco and like fibrous materials. 2,767,717, 10-23-56, Cl. 131—136.
- Schlote, Guido F., to Moritzky-Schlote Engineering Co. Split actuator for sliding jaw end wrench. 2,753,748, 7-10-56, Cl. 81—165.
- Schlottter, William J., to The Electric Storage Battery Co. Storage battery plates and methods of manufacturing the same. 2,738,375, 3-13-56, Cl. 136—30.
- Schloz, Heinrich: *See*—  
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- Schluchter, Alfred W., to General Motors Corp. Aluminum base bearing. 2,752,239, 6-26-56, Cl. 75-148.
- Schluchter, Alfred W., to General Motors Corp. Aluminum base alloy bearing. 2,752,240, 6-26-56, Cl. 75-148.
- Schluchter, Alfred W., to General Motors Corp. Aluminum base bearing. 2,752,242, 7-10-56, Cl. 75-148.
- Schluchter, Alfred W., to General Motors Corp. Humidity sensing devices. 2,756,295, 7-24-56, Cl. 200-61.06.
- Schluchter, Alfred W., to General Motors Corp. Aluminum base bearing. 2,763,546, 9-18-56, Cl. 75-147.
- Schluchter, Alfred W., to General Motors Corp. Aluminum base bearing. 2,768,116, 10-9-56, Cl. 75-147.
- Schluchter, Alfred W., to General Motors Corp. Bearing. 2,770,031, 11-13-56, Cl. 29-197.
- Schluerer, Ernest. Lockable hook type fastener. 2,738,211, 3-13-56, Cl. 292-111.
- Schlumberger, Marcel, to Societe de Prospection Electrique. Procesdes Schlumberger. Electrical firing system for explosively operated borehole tools. 2,736,260, 2-28-56, Cl. 102-20.
- Schlumberger, Marcel, to Borg-Warner Corp. Aligning means for shaped charge perforating apparatus. 2,750,885, 6-19-56, Cl. 102-20.
- Schlumberger, Marcel, to Societe de Prospection Electrique. Procesdes Schlumberger. Device for controlling the firing of charges of powder or explosives from a distance. 2,761,385, 9-4-56, Cl. 102-27.
- Schlumberger, Marcel, to Borg-Warner Corp. Apparatus for peeling castings by means of shaped charges. 2,764,937, 10-2-56, Cl. 102-20.
- Schlumberger, Roger. Plant for oiling or moistening textile fibres and the like. 2,733,099, 1-31-56, Cl. 299-58.
- Schlumberger Well Surveying Corp.: See—
- Blanchard, Andre, and Menecier, 2,732,525.
- Riccardi, Joseph M. 2,750,587.
- De Chambrier, Pierre. 2,754,719.
- Dewan, John T. 2,745,970.
- Dewan, John T., and Goodman. 2,735,019.
- Doll, Henri-Georges. 2,736,967.
- Doll, Henri-Georges. 2,747,401.
- Doll, Henri-Georges. 2,747,402.
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- Goodman, Clark. 2,769,914.
- Krasnow, Shelley. 2,769,926.
- Krasnow, Shelley. 2,770,736.
- Saureman, Dela P. 2,770,708.
- Schuster, Nick A. 2,770,771.
- Schlumbohm, Peter. Automobile with heat dissipating air duct. 2,734,588, 2-14-56, Cl. 180-58.
- Schlumbohm, Peter. Coffee maker. 2,738,722, 3-20-56, Cl. 99-313.
- Schlumbohm, Peter. Device for circulating fluids. 2,739,757, 3-27-56, Cl. 230-134.
- Schlumbohm, Peter. Electric resistance heater. 2,747,071, 5-22-56, Cl. 219-19.
- Schlumbohm, Peter. Dehumidifier apparatus for air conditioning. 2,747,383, 5-29-56, Cl. 62-140.
- Schmale, Henry B. Decafat for pouring ice cubes. 2,762,203, 9-11-56, Cl. 62-1.
- Schlumpf, Hans. Photographic objective of three air spaced lenses. 2,736,234, 2-28-56, Cl. 88-57.
- Schmal, Alois H., to Mack Mfg. Corp. Rear axle carrier unit. 2,781,856, 1-24-56, Cl. 74-606.
- Schmale, Henry B. Hydraulically actuated tractor scraper. 2,729,901, 1-10-56, Cl. 37-133.
- Schmalenbach, Adolf, to Gesellschaft für Teerverwertung mit beschränkter Haftung und Heinrich Koppers, Gesellschaft mit beschränkter Haftung. Continuous fractionation of tar. 2,747,553, 4-3-56, Cl. 196-76.
- Schmid, Alfred.: See—
- Danulat, Friedrich, Schmalfeld, and Rudolph. 2,772,873.
- Schmalz, Luella E. Shoulder strap for women's undergarments. 2,753,569, 7-10-56, Cl. 2-323.
- Schmalzried, Harry L. Channel bars connecting link. 2,775,338, 12-25-56, Cl. 198-189.
- Schmauch, Lorenz J.: See—
- Grubb, Henry M., and Schmauch. 2,768,306.
- Schmaus, Edward M. Sickle grinder. 2,762,169, 9-11-56, Cl. 51-33.
- Schmauss, William F.: See—
- Brock, Peter R., Luft, and Schmauss. 2,772,688.
- Schmechel, Arno E. Endless chain snow removal device. 2,768,454, 10-30-56, Cl. 37-53.
- Schmelzer, Albert, and O. Bayer. to Farbenfabriken Bayer Aktiengesellschaft. Quinone substituted phthalic acids. 2,769,012, 10-30-56, Cl. 260-326.
- Schmelzle, Ambrose F.: See—
- Hendricks, James O., Lundquist, and Schmelzle. 2,750,304.
- Schmerheim, John F.: See—
- Himman, Donald D., and Schmerheim. 2,733,417.
- Schmerling, Louis, to Universal Oil Products Co. Preparation of primary alkylaromatic compounds. 2,759,028, 8-14-56, Cl. 260-671.
- Schmerling, Louis, to Universal Oil Products Co. Preparation of mono-alkylated aromatic compounds. 2,759,029, 8-14-56, Cl. 260-671.
- Schmerling, Louis, to Universal Oil Products Co. Preparation of mono-alkylated aromatic compounds. 2,759,030, 8-14-56, Cl. 260-671.
- Schmerling, Louis, to Universal Oil Products Co. Production of alkylcycloparaffins. 2,769,549, 11-6-56, Cl. 260-666.
- Schmidt, William E., and H. D. Sterick. Ingot mold insert mat. 2,743,493, 5-1-56, Cl. 22-139.
- Schmid, Albert E., Jr.: See—
- Lucy, Carroll W., and Schmid. 2,734,165.
- Schmid, Arthur W. Forehearth structure. 2,767,518, 10-23-56, Cl. 260-54.
- Schmid, August, to Stanoilfabrik Burgoord A. G. Torque converter, in particular for winding rolls and the like. 2,766,800, 10-16-56, Cl. 64-30.
- Schmid, Erich: See—
- Stoll, Willy, and Schmid. 2,729,643.
- Stoll, Willy, and Schmid. 2,756,229.
- Schmid, Erwin F.: See—
- Beck, Hans J., and Schmid. 2,730,771.
- Schmid, Erwin F., to SKF Kugellagerfabriken Gesellschaft mit beschränkter Haftung. Bearing device. 2,757,992, 8-7-56, Cl. 308-152.
- Schmid, Erwin F., and J. Raible, to SKF Kugellagerfabriken Gesellschaft mit beschränkter Haftung. Top weighting roller. 2,740,104, 4-3-56, Cl. 19-142.
- Schmid, Frank R., ½ to H. E. Wiersch. Hand tool for truing pipe ends. 2,767,605, 10-23-56, Cl. 81-15.
- Schmid, Herman, and A. P. Houbush, to Incoro. Inc. Agitator for removing chaff from roasted coffee. 2,747,496, 5-29-56, Cl. 99-236.
- Schmid, Jacob C., to General Motors Corp. Dual fuel system. 2,760,565, 8-28-56, Cl. 158-36.4.
- Schmid, John H., to J. A. Zurn Mfg. Co. Separator. 2,745,351, 6-15-56, Cl. 210-43.
- Schmid, John H., to J. A. Zurn Mfg. Co. Floor drain extension. 2,749,999, 6-12-56, Cl. 182-31.
- Schmid, John H., to J. A. Zurn Mfg. Co. Stacked discs strainer assembly. 2,757,802, 8-7-56, Cl. 210-169.
- Schmid, John H., to J. A. Zurn Mfg. Co. Roof drain extension. 2,765,865, 10-9-56, Cl. 182-31.
- Schmid, John H., and F. Heiles, to J. A. Zurn Mfg. Co. Sleeves for piping passing through a floor or roof. 2,743,946, 5-1-56, Cl. 285-31.
- Schmid, John H., and H. V. Borgess, to J. A. Zurn Mfg. Co. Steam heated roof drain. 2,762,448, 9-11-56, Cl. 182-31.
- Schmid, Leopold.: See—
- Rabe, Karl, and Schmid. 2,768,002.
- Schmid, Leopold, to Dr. Ing. h. c. F. Porsche K. G. Synchronizing mechanisms for change speed gears. 2,736,411, 2-28-56, Cl. 192-53.
- Schmid, Leopold, to Dr. Ing. h. c. F. Porsche K. G. Synchronizing mechanism for speed change gear systems of automotive vehicles. 2,771,975, 11-27-56, Cl. 192-48.
- Schmid, Luis, to Interpa-Corporation Registered Trust. Container seals or closures. 2,753,074, 7-3-56, Cl. 220-24.5.
- Schmid, Max, E. Moser, J. Danuser, R. Mory, W. Mueller, and J. Wuergler, to Ciba Ltd. Manufacture of acid amide derivatives of azo-compounds. 2,741,656, 4-10-56, Cl. 260-160.
- Schmid, Max, E. Moser, J. Danuser, R. Mory, W. Mueller, and J. Wuergler, to Ciba Ltd. Acid amide derivatives of azo-dyestuffs. 2,741,657, 4-10-56, Cl. 260-160.
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- Schmid, Max, and R. Mory, to Ciba Ltd. Process for the manufacture of functional derivatives of azo-dyestuffs containing sulfonic acid groups. 2,759,921, 8-21-56, Cl. 260-200.
- Schmid, Max, and C. Frey, to Ciba Ltd. Acid amide derivatives of azo-dyestuffs. 2,774,755, 12-18-56, Cl. 260-174.
- Schmid, Michael.: See—
- Campe, Fritz, Hermann, and Schmid. 2,752,127.
- Schmid, Paul E., to Reed Roller Bit Co. Reversing valve. 2,733,687, 7-2-56, Cl. 121-34.
- Schmid, Paul E., to Reed Roller Bit Company. Torque controlling device. 2,757,523, 8-7-56, Cl. 64-30.
- Schmid, Raymond W.: See—
- Golden, Abraham H., Schmid, and Kubik. 2,747,907.
- Kubik, Paul P., and Schmid. 2,748,590.
- Schmid, Walter, to Stewart-Warner Corp. Control valve for lubricating apparatus. 2,734,866, 2-14-56, Cl. 222-250.
- Schmid, Wolfgang. Method and system for observing motion phenomena in living bodies. 2,744,521, 5-8-56, Cl. 128-2.
- Schmid, Wolfgang. Signaling system for controlling at a remote station movement sequences of land, water, and air vehicles. 2,762,992, 9-11-56, Cl. 340-24.
- Schmidhaer, Alfred.: See—
- Stark, Eduard. 2,738,822.
- Stark, Eduard. 2,757,428.
- Schmidinger, Joseph. Wire controlled snap switch. 2,761,931, 9-4-56, Cl. 200-113.
- Schmidle, Claude J.: See—
- Mansfield, Richard C., and Schmidle. 2,765,315.
- Schmidle, Claude J., to Rohm & Haas Co. Organic reactions involving acetals in the presence of mixed anionic cationic ion exchange resins as catalysts. 2,736,741, 2-28-56, Cl. 260-665.
- Schmidle, Claude J., to Rohm & Haas Co. Hydroxyamines. 2,765,307, 10-2-56, Cl. 260-247.7.

- Schmidie, Claude J., to Rohm & Haas Co. Process for preparation of certain oxazines and piperidinols. 2,775,390, 12-25-56, Cl. 260-244.
- Schmidie, Claude J., to Rohm & Haas Co. Separating  $\alpha$ -methylstyrenes from isopropylbenzenes using amines. 2,775,830, 12-25-56, Cl. 260-839.
- Schmidie, Claude J., and R. C. Mansfield, to Rohm & Haas Co. Reaction of vinyl ethers and hydrogen donors. 2,736,743, 2-28-56, Cl. 260-483.
- Schmidie, Claude J., and R. C. Mansfield, to Rohm & Haas Co. 3-Hydroxymethylphenyltetrahydropyridines and their esters. 2,748,140, 5-29-56, Cl. 260-295.5.
- Schmidie, Claude J., and R. C. Mansfield, to Rohm & Haas Co. Production of tetrahydro-pyridines from tetrahydro-1-oxazines. 2,750,136, 6-12-56, Cl. 260-290.
- Schmidie, Claude J., and R. C. Mansfield, to Rohm & Haas Co. Preparation of esters. 2,765,314, 10-2-56, Cl. 260-294.3.
- Schmidt, Adolph: See—
- Fenner, Eckhard, and Schmidt, 2,761,992.
- Schmidt, Albert S.: See—
- Elliott, Irvin, 2,740,362.
- Schmidt, Albert S., and J. R. Shaffer, said Shaffer to said Schmidt. Slicing machine for making vertical and horizontal slits in bun clusters. 2,753,907, 7-10-56, Cl. 146-78.
- Schmidt, Adolph, and J. P. McNamee, for teaching piano playing. 2,746,339, 5-22-56, Cl. 84-478.
- Schmidt, Arnold W., to Great Lakes Mills, Inc. Seamless cover for paint rollers. 2,752,953, 7-3-56, Cl. 138-76.
- Schmidt, Arnold W., and F. Malik, to The George W. Borg Corp. Process for fur product and process of manufacture. 2,737,702, 8-13-56, Cl. 28-74.
- Schmidt, Christian D. Safety electric plug and outlet. 2,733,314, 1-31-56, Cl. 200-115.5.
- Schmidt, Donald L. Teal sign display cabinet. 2,770,903, 11-20-56, Cl. 10-123.
- Schmidt, Earl H. Tool cases or kits. 2,758,798, 8-14-56, Cl. 224-26.
- Schmidt, Edgar H., to E. I. du Pont de Nemours & Co. Variable speed means for web feeders. 2,747,866, 5-29-56, Cl. 271-2.3.
- Schmidt, Edward C., Jr., to E. L. Pucel. Lifting device. 2,764,447, 9-25-56, Cl. 294-92.
- Schmidt, Edward F., to Blatz Brewing Co. Base and standard assembly. 2,743,749, 9-25-56, Cl. 248-158.
- Schmidt, Edward G.: See—
- Nelson, Axel B., Schmidt, and Zinkl, 2,774,972.
- Stone, Carl R., and Schmidt, 2,745,428.
- Svabek, John E., Jr., Stone, and Schmidt, 2,756,437.
- Schmidt, Edward G., to Crane Co. Tank discharge valve. 2,741,775, 4-17-56, Cl. 4-57.
- Schmidt, Edward G., and A. B. Nelson, to Crane Co. Combined supply valve and refill tube. 2,743,459, 5-1-56, Cl. 4-57.
- Schmidt, Eugene: See—
- Spaulding, Charles A., Jr., and Schmidt, 2,754,263.
- Schmidt, Frank, to Streeter-Amet Co. Coupling for transmitting vibration-free rotational motion. 2,729,078, 1-3-56, Cl. 64-30.
- Schmidt, Fred W., Jr., to Allen B. Du Mont Laboratories, Inc. Receiver antenna coupling circuit for balanced or unbalanced input. 2,754,415, 7-10-56, Cl. 250-20.
- Schmidt, Fred W., Jr., and S. A. De Mars, to Allen B. Du Mont Laboratories, Inc. Tuning device. 2,767,381, 10-16-56, Cl. 336-79.
- Schmidt, Frederick A. Metal cabinet hanger. 2,733,887, 2-7-56, Cl. 248-223.
- Schmidt, Friedrich W.: See—
- Müller, Karl E., Schmidt, Weinbrenner, and Piepenbrink, 2,729,618.
- Schmidt, Fritz, and O. Bayer, to Farbenfabriken Bayer Aktiengesellschaft. Process of producing organic iron and aluminum alcoholates. 2,773,083, 12-4-56, Cl. 260-439.
- Schmidt, George E.: See—
- Reese, Garland W., Jr., and Schmidt, 2,745,731.
- Schmidt, Gustav: See—
- Korkowski, Eberhard, and Schmidt, 2,770,098.
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- Schmidt, H. Mfg. Co.: See—
- Schmidt, Henry, 2,744,566.
- Schmidt, Hans: See—
- Behnisch, Robert, Meitzsch, and Schmidt, 2,775,593.
- Schmidt, Hans, R. Behnisch, and E. Schraufstatter, to Schenley Industries, Inc. Phenyl styryl ketone thiosimicarbazones. 2,768,970, 10-30-56, Cl. 260-552.
- Schmidt, Henry, to H. Schmidt Mfg. Co. Bracket for back rest of article of furniture. 2,744,566, 5-8-56, Cl. 135-180.
- Schmidt, Herbert O.: See—
- Finkenaer, Frederick J., Jr., and Schmidt, 2,757,760.
- Schmidt, Hugo E. Steering attachment for automobile steering wheels. 2,733,617, 2-7-56, Cl. 74-557.
- Schmidt, Jakob, to R. P. Van Aartsen. Chimney housing and attic ventilator. 2,737,877, 8-13-56, Cl. 98-46.
- Schmidt, Jacob. Headlights for motor vehicles. 2,760,051, 8-21-56, Cl. 240-71.1.
- Schmidt, James H.: See—
- Ballauer, Alb C., Sargent, and Schmidt, 2,740,254.
- Schmidt, John, to Crown Cork & Seal Co., Inc. Pouring spout. 2,773,831, 8-1-56, Cl. 222-539.
- Schmidt, John A., to The Standard Register Co. Strip feeding device. 2,751,058, 6-19-56, Cl. 197-128.
- Schmidt, John H., to General Electric Co. Automatic waste disposal apparatus. 2,750,121, 6-12-56, Cl. 241-32.5.
- Schmidt, Karl, Gesellschaft mit beschränkter Haftung: See—
- Bücken, Curt, 2,755,528.
- Schmidt, Karl, W. Müller, R. Pütter, F. Suckfüll, and G. Dittmar, to Farbenfabriken Bayer Aktiengesellschaft. Chlorine containing azomethine dyestuffs. 2,753,344, 7-3-56, Cl. 260-240.
- Schmidt, Karl O. Semi-automatic perpetual calendar. 2,770,902, 11-20-56, Cl. 40-111.
- Schmidt, Lawrence D.: See—
- Anvil, Harvey S., and Schmidt, 2,768,977.
- Schmidt, Lewis W. Belt impelling device. 2,770,273, 11-13-56, Cl. 146-85.
- Schmidt, Maximilian P.: See—
- Sus, Oskar, and Schmidt, 2,760,118.
- Sus, Oskar, Schmidt, and Glos, 2,773,765.
- Schmidt, Maximilian P., to Azoplate Corp. Light sensitive material for lithographic printing. 2,767,092, 10-16-56, Cl. 95-7.
- Schmidt, Maximilian P., and O. Süs, to Azoplate Corp. Light-sensitive para quinone diazides for making printing plates. 2,754,209, 7-10-56, Cl. 95-7.
- Schmidt, Maximilian P., and O. Süs, to Azoplate Corp. Light-sensitive material for photomechanical reproduction. 2,759,017, 8-21-56, Cl. 95-7.
- Schmidt, Otto A., to Whiting Corp. Apparatus for forming wheel peripheries. 2,762,171, 9-11-56, Cl. 51-104.
- Schmidt, Paul: See—
- Druey, Jean, and Schmidt, 2,755,281.
- Schmidt, Paul A., leveling attachment for cultivators. 2,772,618, 12-4-56, Cl. 97-36.
- Schmidt, Robert C., to Varian Associates. Getter and method of making same. 2,758,239, 8-7-56, Cl. 313-174.
- Schmidt, Robert J.: See—
- Krohn, Roy, and Schmidt, 2,743,168.
- Schmidt, Theodor E. Apparatus for refrigeration by means of aqueous solutions. 2,750,754, 6-19-56, Cl. 62-2.
- Schmidt-Thomé, Josef: See—
- Ehrhart, Gustav L., Ruschig, Schmidt-Thomé, Haede, and Fritsch, 2,752,340.
- Ehrhart, Gustav, Schmidt-Thomé, Ruschig, Fritsch, and Haede, 2,758,121.
- Ruschig, Heinrich, Fritsch, Schmidt-Thomé, and Haede, 2,758,121.
- Schmidt, Thur L., to Borg-Warner Corp. Wing tank and napalm bomb. 2,755,045, 7-17-56, Cl. 244-135.
- Schmidt, Truman L., and J. O. Bach, to Olympia Brewing Co. Paperboard can carton. 2,754,047, 7-10-56, Cl. 229-51.
- Schmidt, Walter, to Reynolds Metals Co. Reducing metal compounds with amalgam. 2,758,921, 8-14-56, Cl. 75-84.5.
- Schmidt, Walter G. H. Automatic egg collector for poultry houses. 2,745,379, 5-15-56, Cl. 119-48.
- Schmidt, Walter J., Jr.: See—
- Blanding, Forrest H., and Schmidt, 2,755,231.
- Schmidt, Walter V. Adjustable tool holder. 2,745,306, 5-15-56, Cl. 82-28.
- Schmidt, Walther, to Reynolds Metals Co. Inorganic molten electrolyte for the electrolysis of titanium. 2,745,802, 5-15-56, Cl. 204-64.
- Schmidt, Werner H.: See—
- Randall, Theodore J., Gudheim, and Schmidt, 2,745,750.
- Schmidt, Werner H., and S. I. Shafer, to Lever Brothers Co. Method of making margarine. 2,772,976, 12-4-56, Cl. 99-122.
- Schmidt, Wilbur L.: See—
- Dykzuel, Theodore J., and Schmidt, 2,765,803.
- Schmidt, William D., and H. L. Blood, to The Heald Machine Co. Internal grinding machine. 2,771,714, 11-27-56, Cl. 51-48.
- Schmidt, Willy A.: See—
- Sprung, Joseph A., and Schmidt, 2,772,971.
- Schmidtke, Edward H. Elevator conveyor. 2,773,586, 12-11-56, Cl. 198-233.
- Schmidtke, Norman E.: See—
- 10-9-56, Cl. 225-11.
- Schmidtmann, Hans, to Koppers Co., Inc. Granulator with moving and opposed stir members carrying strip-shape material pressers. 2,772,053, 11-27-56, Cl. 241-94.
- Schmidt-Nickels, Wilhelm: See—
- Randall, David L., and Schmidt-Nickels, 2,773,873.
- Schmidt-Nickels, Wilhelm, to General Aniline & Film Corp. Brown vat dyestuffs. 2,768,172, 10-23-56, Cl. 260-315.
- Schmidt-Nickels, Wilhelm, and D. I. Randall, to General Aniline & Film Corp. Heterocyclic vat dyestuffs. 2,772,272, 11-27-56, Cl. 260-294.8.
- Schmidt-Nickels, Wilhelm, and L. J. Lugg, to General Aniline & Film Corp. Heterocyclic vat dyestuffs. 2,772,273, 11-27-56, Cl. 260-295.
- Schmidt-Nickels, Wilhelm, and L. J. Lugg, to General Aniline & Film Corp. Heterocyclic vat dyestuffs. 2,772,274, 11-27-56, Cl. 260-295.
- Schmidt-Nickels, Wilhelm, and L. J. Lugg, to General Aniline & Film Corp. Heterocyclic vat dyestuffs. 2,772,275, 11-27-56, Cl. 260-296.
- Schmiedel, Ludwig, to Starosca Maschinen- und Apparatebau Gesellschaft mit beschränkter Haftung. Centrifugal separator. 2,749,681, 2-14-56, Cl. 233-7.
- Schmiedel, Ludwig, to Starosca Maschinen- und Apparatebau Gesellschaft mit beschränkter Haftung. Horizontal centrifugal separator. 2,740,580, 4-3-56, Cl. 233-7.



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- Schmiege, Francis A.: *See—*
- Wilde, Curtis F., Jr. 2,756,866.
- Schmier, Jacob, to Roddie Mfg. Co., Inc. Connector. 2,750,571, 6-12-56, Cl. 339-103.
- Schmierer, Helen L. Eyeshade applicator. 2,765,789, 10-9-56, Cl. 128-260.
- Schmitt, Robert R.: *See—*
- Shannon, John K., and Schmitt. 2,735,148.
- Shannon, John K., and Schmitt. 2,737,542.
- Schmitt, Arthur J. Foundation. *The: See—*
- Barrett, Edward L. 2,740,955.
- Schmitt, George F., and J. Jaffe, to St. Regis Paper Co. Re-formable plastic material. 2,739,094, 3-20-56, Cl. 154-110.
- Schmitt, Harry A.: *See—*
- Lange, William H., and Schmitt. 2,731,799.
- Schmitt, Heinrich, to R. Wittich. Rocking-lever bearing element for key-operated office machines. 2,739,687, 3-27-56, Cl. 197-41.
- Schmitt, Henry O., Jr., to Eastman Kodak Co. Footage indicator for strip material. 2,767,474, 10-23-56, Cl. 33-127.
- Schmitt, Karl: *See—*
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- Ehrhart, Gustav, Schmitt, and Ott. 2,774,768.
- Schmitt, Marvin H. Automobile battery protector. 2,755,393, 7-17-56, Cl. 307-10.
- Schmitt, Otto H., to the United States of America as represented by the Secretary of the Navy. Motor control. 2,743,408, 4-24-56, Cl. 319-257.
- Schmitt, Otto H., to the United States of America as represented by the Secretary of the Navy. Trace recording with identification marking on the trace. 2,749,205, 6-5-56, Cl. 346-62.
- Schmitt, Otto H., to United States of America as represented by the Secretary of the Navy. Orientation system. 2,761,123, 8-28-56, Cl. 340-187.
- Schmitt, Otto H., to the United States of America as represented by the Secretary of the Navy. Tripper system. 2,762,263, 9-11-56, Cl. 89-15.
- Schmitt, Otto H., and W. E. Fromm, to Airborne Instrument Laboratory, Inc. Variable frequency signal generator. 2,730,620, 1-10-56, Cl. 250-36.
- Schmitt, Otto H., and E. G. Sorensen, to the United States of America as represented by the Secretary of the Navy. Translation system. 2,743,024, 4-24-56, Cl. 212-24.
- Schmitt, Robert A.: *See—*
- Days, Clyde O., Noren, and Schmitt. 2,752,848.
- Schmitt, Robert D.: *See—*
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- Schmitt, Roland G., and V. E. Swedberg, to Walgreen Co. Machine for making fibrous badges having an adhesive securing portion. 2,733,751, 2-7-56, Cl. 154-104.
- Schmitt, Roland G., H. W. Raddatz, and V. Swedberg, to Walgreen Co. Method of preparing a food product from a frozen concentrate. 2,765,234, 10-2-56, Cl. 99-193.
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- Schmitter, Walter P., to The Falk Corp. Shaft support and reverse rotation unit. 2,765,053, 10-2-56, Cl. 188-82.8.
- Schmitter, Walter P., A. G. Bade, and J. W. Fitzgerald, to The Falk Corp. Cotton card engine drives. 2,732,731, 1-31-56, Cl. 74-665.
- Schmitter, Walter P., and A. G. Bade, to The Falk Corp. Multiple clutch-coupling unit. 2,747,711, 5-29-56, Cl. 192-87.
- Schmitz, Adolf, to Th. Goldschmidt A. G. Manufacture of cold storage ice. 2,755,191, 7-17-56, Cl. 99-224.
- Schmitz, Al.: *See—*
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- Schmitz, Carl. Throwaway crown cap remover. 2,757,814, 8-7-56, Cl. 215-46.
- Schmitz, Carl. Bottle throwaway crown cap remover. 2,757,815, 8-7-56, Cl. 215-46.
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- Schmitz, Fred W., to Commercial Solvents Corp. Thermal dehydrochlorination of benzene hexachloride. 2,768,216, 10-23-56, Cl. 260-650.
- Schmitz, Friedrich. Condensate remover. 2,749,046, 6-5-56, Cl. 236-59.
- Schmitz, Heinrich: *See—*
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- Schmitz, Joseph F. Plant container. 2,758,419, 8-14-56, Cl. 47-37.
- Schmitz, Paul J. Wire loom manufacture of pattern pile fabric. 2,758,613, 8-14-56, Cl. 139-39.
- Schmitz, Walter. Swimming fin. 2,729,832, 1-10-56, Cl. 9-21.
- Schmitz, Werner, to P. Wolters. Needed cover for pressing platen. 2,746,182, 5-22-56, Cl. 38-66.
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- Schmollinger, William F., to Chase Brass & Copper Co. Inc. Methods of extruding high copper alloys. 2,773,593, 12-11-56, Cl. 207-10.
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- Schneible, Claude B., and R. H. Moore, to Claude B. Schneible Co., Inc. Cupola furnace provided with means to produce a gaseous curtain in its opening. 2,746,743, 5-22-56, Cl. 260-17.
- Schneible, Claude B., and R. H. Moore, to Claude B. Schneible Co., Inc. Cupola furnace and method of treating gases therefrom. 2,746,858, 5-22-56, Cl. 75-43.
- Schneible, Claude B., A. S. Lundy, and L. C. Beers, to Claude B. Schneible Co., Inc. Gas treating apparatus and method. 2,763,337, 6-18-56, Cl. 153-41.
- Schneible, Claude B., Co., Inc.: *See—*
- Schneible, Claude B., Lundy, and Beers. 2,763,337.
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- Schneid, Alfred F., P. Resnick, and R. A. Pizzarello, to Interchemical Corp. Fungicidal metal salts of phthalic acid. 2,769,734, 6-18-56, Cl. 117-135.5.
- Schneider, Abraham: *See—*
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- Schneider, Abraham, to Sun Oil Co. Dimerization of hydrocarbons. 2,742,512, 4-17-56, Cl. 260-668.
- Schneider, Abraham, to Sun Oil Co. Dimerization of monoalkyl benzenes. 2,742,513, 4-17-56, Cl. 260-668.
- Schneider, Abraham, to Sun Oil Co. Dimerization of monoalkyl benzenes. 2,742,514, 4-17-56, Cl. 260-668.
- Schneider, Abraham, to Sun Oil Co. Alkylation of hydrocarbons. 2,752,516, 4-17-56, Cl. 260-668.
- Schneider, Abraham, and W. K. Conn, to Sun Oil Co. Isomerization of cis-decalin. 2,734,092, 2-7-56, Cl. 260-666.
- Schneider, Abraham, and W. K. Conn, to Sun Oil Co. Isomerization of decalin. 2,734,093, 2-7-56, Cl. 260-666.
- Schneider, Abraham, and W. K. Conn, to Sun Oil Co. Conversion of toluene into naphthenes, benzene and xylene. 2,739,993, 3-27-56, Cl. 260-667.
- Schneider, Abraham, and W. K. Conn, to Sun Oil Co. Separation of hydrocarbons. 2,742,507, 4-17-56, Cl. 260-648.
- Schneider, Abraham, and J. L. Jezi, to Sun Oil Co. Desulfurizing mineral oil using an unsaturated nitrile with or without caustic. 2,758,058, 8-7-56, Cl. 196-24.
- Schneider, Albert, and I. Botnick, to I. Botnick. Flush-valve ball. 2,752,608, 7-3-56, Cl. 4-57.
- Schneider, Albert P. Internal-combustion engines and induction systems therefor. 2,735,696, 2-7-56, Cl. 123-97.
- Schneider, Arthur W., and B. Cooperman, to Commercial Radio-Sound Corp. Audible and visual two-way communication and announcement system for hospitals and the like. 2,740,842, 4-3-56, Cl. 179-27.
- Schneider, Arthur W., B. Cooperman, and D. G. Allen, to Commercial Radio-Sound Corp. Privacy guarded telephone intercommunicating system. 2,741,667, 4-10-56, Cl. 179-39.
- Schneider, Charles. Spring-type rocking chair. 2,746,518, 5-22-56, Cl. 155-54.
- Schneider, Charles F., and R. D. Turkington, to Armstrong Cork Co. Temperature control system for calender rolls. 2,771,246, 11-20-56, Cl. 236-1.
- Schneider, Dana J., and F. H. Tennis, to Hydraulic Unit Specialties Co. Control valve for fluid pressure operated mechanisms. 2,745,433, 5-15-56, Cl. 137-621.
- Schneider, Douglas R. Folding shelf. 2,758,724, 8-14-56, Cl. 211-93.
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- Schneider, Erna E.: *See—*
- Schneider, Helmut F. and E. E. 2,745,196.

- Schneider, Ernest W.: *See*—  
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- Schneider, Ernst W., to Societe d'Equipements Industriels et Latiers. Dispersion machine with preliminary comminuting system and a plurality of dispersion systems of different constructional form. 2,738,930, 3-20-56, Cl. 241—162.
- Schneider, Ernst W., to Societe d'Equipements Industriels et Latiers. Comminuting apparatus and method. 2,738,931, 3-20-56, Cl. 241—162.
- Schneider, Frank H., to Florence Stove Co. Auxiliary deep wall broiling unit for a range. 2,761,053, 8-28-56, Cl. 219—37.
- Schneider, Hans P., to McGraw Electric Co. Circuit interrupter. 2,734,966, 2-14-56, Cl. 200—114.
- Schneider, Hans P., to McGraw Electric Co. Air disconnect switch. 2,744,197, 5-1-56, Cl. 200—146.
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- Schneider, Helmut F. and E. E. Shoe construction. 2,745,196, 5-15-56, Cl. 36—25.
- Schneider, Helmut G., and P. W. Brakeley, Jr., to Esso Research and Engineering Co. Controlled isobutylene polymerization. 2,775,577, 12-25-56, Cl. 260—82.
- Schneider, Henry F. Shoring devices. 2,746,706, 5-22-56, Cl. 248—354.
- Schneider, Herbert A., to Bell Telephone Laboratories, Inc. Pulse train generator circuits. 2,760,089, 8-21-56, Cl. 307—106.
- Schneider, Herbert A., to Bell Telephone Laboratories, Inc. Direct current voltage restoration circuit. 2,760,090, 8-21-56, Cl. 307—106.
- Schneider, Hermann: *See*—  
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- Schneider, Jacob. Reversible drill bit. 2,746,722, 5-22-56, Cl. 255—61.
- Schneider, John, to Dehr Mfg. Co. Trolling device. 2,749,648, 6-12-56, Cl. 43—42,72.
- Schneider, John W. Computing device. 2,736,490, 2-28-56, Cl. 235—61.
- Schneider, Julius L., to Continental Can Co., Inc. Closure with sealing ribs and having concentric ribs. 2,752,059, 6-26-56, Cl. 215—40.
- Schneider, Karl: *See*—  
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- Schneider, Karl R.: *See*—  
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- Schneider, Kurt R., to Eureka Specialty Printing Co. Labeling machine. 2,754,022, 7-10-56, Cl. 216—28.
- Schneider, Paul: *See*—  
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- Lober, Friedrich, Bayer, Bögemann, and Schneider. 2,775,639.
- Schneider, Paul L., and W. H. Taylor, to General Motors Corp. Switch. 2,748,216, 5-29-56, Cl. 200—77.
- Schneider, Robert A. Apparatus for removing the casing of link sausage and structurally like products. 2,730,754, 1-17-56, Cl. 17—1.
- Schneider, Robert A. Method of forming a length of link sausage and product. 2,767,097, 10-16-56, Cl. 99—100.
- Schneider, Robert W. Optical game devices. 2,731,265, 1-17-56, Cl. 273—1.
- Schneider, Rudolf, to Farbenfabriken Bayer Aktiengesellschaft. Apparatus for distilling or evaporating liquids. 2,766,193, 10-10-56, Cl. 202—236.
- Schneider, Sidney, to Esso Research and Engineering Co. Manufacture of odorless and odor-stable mineral oil. 2,772,316, 11-27-56, Cl. 260—683.4.
- Schneider, Sol, to The United States of America as represented by the Secretary of the Army. Radiation counter. 2,756,348, 7-24-56, Cl. 250—83.6.
- Schneider, William, and A. W. Worthington, to Westinghouse Electric Corp. Flexible resin bonded nica members. 2,772,696, 12-5-56, Cl. 138—35.
- Schneider, William P.: *See*—  
Hogg, John A., and Schneider. 2,750,381.
- Schneider, William P., to The Upjohn Co. Oxidation of hydrocortisone esters to cortisone esters. 2,751,402, 6-19-56, Cl. 260—397.45.
- Schneider, William P., and A. R. Hanz, to The Upjohn Co. Preparation of 17- $\alpha$ -hydroxy-20-keto-pregnones. 2,769,823, 11-6-56, Cl. 260—397.45.
- Schneider, William P., and A. V. McIntosh, Jr., to The Upjohn Co. Hydroxylation of  $\Delta$ 17(20)-pregnones. 2,769,824, 11-6-56, Cl. 260—397.45.
- Schneider, William P., and J. A. Hogg, to The Upjohn Co. Preparation of 17- $\alpha$ -hydroxy-20-ketopregnones from  $\Delta$ 17-pregnones. 2,769,825, 11-6-56, Cl. 260—397.45.
- Schneiderman, Abraham: *See*—  
Horowitz, Harry, and Schneiderman. 2,737,942.
- Schneiderman, Joseph. Electrical conduit fitting with access opening and closure therefor. 2,749,148, 6-5-56, Cl. 285—6.5.
- Schnell, Aaron L. Flexible bar type bump gate. 2,731,744, 1-24-56, Cl. 39—84.
- Schnell, Albert. Method of disposing and utilization of sulfate waste liquor. 2,774,754, 12-18-56, Cl. 260—124.
- Schnell, Hermann, and W. Becker, to Farbenfabriken Bayer Aktiengesellschaft. Polymerizable esters. 2,755,303, 7-17-56, Cl. 260—436.
- Schnell, Hermann, W. Becker, and O. Bayer, to Farbenfabriken Bayer Aktiengesellschaft. Preparation of cation exchangers from copolymerized carboxylic acid and cross-linking agent. 2,768,991, 11-30-56, Cl. 260—22.
- Schnell, Michael S. Die for drawing sheet material. 2,761,406, 9-4-56, Cl. 113—46.
- Schnell, Steve, to Wagner Electric Corp. Self-centering compound brake. 2,755,889, 7-24-56, Cl. 188—78.
- Schnell, William L. Insulation panels for truck bodies. 2,756,095, 7-24-56, Cl. 296—28.
- Schneller, Arthur J. Foldable seat and bed construction. 2,730,727, 1-17-56, Cl. 5—38.
- Schneller, George H.: *See*—  
Talley, Robert P., and Schneller. 2,731,390.
- Schneller, Rudy F.: *See*—  
Klein, Victor G., Schneller, and Mueller. 2,735,683.
- Mueller, Carl H., and Schneller. 2,748,893.
- Schnepf, William K., to General Motors Corp. Motor control circuit. 2,732,523, 1-24-56, Cl. 318—466.
- Schnepf, William K., to General Motors Corp. Snap actuating speed responsive device. 2,747,854, 5-29-56, Cl. 264—15.
- Schnepf, Louis W. Flush ball guide. Re. 2,741,06, 1-10-56, Cl. 377.
- Schneider, Otto: *See*—  
Fromherz, Konrad, Gruessner, and Schneider. 2,770,569.
- Gruessner, Andreas, and Schneider. 2,740,788.
- Schneider, Otto, to Hoffmann-La Roche Inc. Morphinan derivative. 2,740,270, 4-3-56, Cl. 285.
- Schmitz, Fies E. Fluid suction and mixing device. 2,747,790, 5-29-56, Cl. 230—95.
- Schmitzer, Anton M.: *See*—  
Reusser, Robert E., and Schmitzer. 2,761,864.
- Schmitzer, George W. Fish lure. 2,763,087, 9-18-56, Cl. 43—42.48.
- Schmitz, Homer D., and J. M. Cox, to The Richardson Co. Antistraining injection nozzle. 2,747,226, 5-29-56, Cl. 18—30.
- Schmitzer, Arthur W.: *See*—  
MacLean, Alexander F., and Schnitzer. 2,754,300.
- Schnoll, Nathan. Electrical contact clip and cover therefor. 2,754,490, 7-10-56, Cl. 339—200.
- Schnuck, Carl P., to Farrel-Birmingham Co., Inc. Universal coupling. 2,740,270, 4-3-56, Cl. 64—7.
- Schnyder, Auxilius P. Apparatus for feeding solids into pressure vessels. 2,732,086, 1-24-56, Cl. 214—17.
- Schoch, Henry B.: *See*—  
Bliss, Joseph A., Lakin, Maxwell, and Schoch. 2,758,258.
- Schoch, Alfred, to Alexander Smith, Inc. Apparatus for making non-woven fabric. 2,768,671, 10-30-56, Cl. 154—1.1.
- Schock, Alfred, to Alexander Smith, Inc. Spraying apparatus for web material. 2,770,216, 11-13-56, Cl. 118—323.
- Schock, Robert E., to Radio Corp. of America. Squelch circuit. 2,770,216, 11-13-56, Cl. 250—20.
- Schockett, Harry U. Recessed lighting fixtures. 2,741,695, 4-10-56, Cl. 240—78.
- Schödel, Ernst, to Rheinmetall Aktiengesellschaft. Machines for processing leather. 2,740,283, 4-3-56, Cl. 69—34.
- Schoeff, Ernest C. Apparatus for applying lettering and designs. 2,757,608, 8-7-56, Cl. 101—128.2.
- Schoeffel, Eugene W.: *See*—  
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- Schoeffel, Eugene W., and Schoeffel. 2,774,066.
- Schoeffel, Eugene W., to Sterling Drug Inc. Recovery of cooking liquor from spent semi-chemical pulping liquors. 2,750,290, 6-12-56, Cl. 92—2.
- Schoeffel, Eugene W., and D. M. Barton, to Sterling Drug Inc. Production of beta-naphthol. 2,760,992, 8-28-56, Cl. 260—628.
- Schoeffel, Eugene W., and D. M. Barton, to Sterling Drug Inc. Production of soluble sulfides. 2,774,665, 12-18-56, Cl. 260—628.
- Schoeld, Edmund A., and C. W. Ergom, to Potash Co. of America. Resin-coated potassium salts and method of making the same. 2,734,002, 7-2-56, Cl. 117—100.
- Schoeld, Edmund A., J. M. Fritschy, and R. R. Nelson, to Potash Co. of America. Treatment of potash ores. 2,757,796, 8-7-56, Cl. 209—166.
- Schoelles, Harold J., to General Motors Corp. Fluid control valves for heaters and other devices. 2,750,146, 6-12-56, Cl. 251—306.
- Schoen, Donald W., to Illinois McGraw Electric Co. Beater ejector. 2,744,734, 5-8-56, Cl. 259—1.
- Schoen, Karl, to Endo Laboratories, Inc. Enhancing solubility of chloroethyl-theophylline by nicotianamide and resulting composition. 2,755,221, 7-17-56, Cl. 167—67.
- Schoen, Moritz. Containers or tray structures. 2,751,270, 6-19-56, Cl. 312—202.
- Schoen, William: *See*—  
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- Schoenberg, Ernst A., to Steatite Research Corp. Magnetically oriented ferromagnetic magnesium-zinc type of ferrite. 2,773,039, 12-4-56, Cl. 252—62.5.
- Schoenberger, Alvin A., to Industrial Rayon Corp. Coated flexible fabric. 2,755,535, 7-24-56, Cl. 28—80.
- Schoenberger, W. J., Co., The: *See*—  
Stuckenholz, Casper S. 2,747,830.
- Schoenbrunn, Erwin F.: *See*—  
Gardner, James H., Robertson, and Schoenbrunn. 2,775,601.
- Gardner, James H., and Schoenbrunn. 2,775,510.



- Schoenberg, Carl, to Jay V. Zimmerman Co. Intercommunication devices. 2,763,719, 9-18-56, Cl. 179-1.
- Schoenecker, John L. Extensible pallet. 2,764,377, 9-25-56, Cl. 248-120.
- Schoenfeld, Frederick W., to Automatic Coinwrapping Machine Corp. Package collector for coin package machine. 2,755,978, 7-24-56, Cl. 53-244.
- Schoenfeld, William H., Jr.: *See—*
- Woolford, Custis S., and Schoenfeld. 2,751,873.
- Schoenfeld, Herman K., and J. B. Yoder, to General Electric Co. Method of internally coating lamp bulbs with reflective material. 2,733,166, 1-31-56, Cl. 117-35.
- Schoenhardt, George, to Jewel Tea Co., Inc. Adjustable knockdown shelf assembly. 2,739,777, 3-27-56, Cl. 248-243.
- Schoenlaub, Robert A., to Zirconium Corp. of America. Process for producing zirconium carbide. 2,756,126, 7-24-56, Cl. 23-16.
- Schoenoff, Waldemar P.: *See—*
- Bechard, Conrad E., and Schoenoff. 2,736,873.
- Bechard, Conrad E., and Schoenoff. 2,736,874.
- Schoenrock, Otto R. Oil seal. 2,736,624, 2-28-56, Cl. 308-187.1.
- Schoenrock, Otto R. Differential. 2,748,620, 6-5-56, Cl. 74-711.
- Schoenrock, Otto R., to Dualoc Engineering Co. Variable-torque-distributing transmissions. 2,754,694, 7-17-56, Cl. 74-711.
- Schoenwald, Waldo W. Electrician's hand tool. 2,729,996, 1-10-56, Cl. 81-51.
- Schoen-Wolski, Wlodzimierz. Collapsible headgear. 2,765,472, 10-9-56, Cl. 2-195.
- Schoen-Wolski, Wlodzimierz. Collapsible headgear. 2,766,458, 10-16-56, Cl. 2-195.
- Schoepel, John F., S. L. Varner, and F. W. Herr, to Lear, Inc. Electrolyte for an electrolytic switch. 2,764,653, 9-25-56, Cl. 200-152.
- Schoessow, Earl E.: *See—*
- Cay, Carl H., and G. J. and E. E. Schoessow. 2,736,400.
- Schoessow, Earl E., to The Babcock & Wilcox Co. Method of manufacturing fluid heat exchange apparatus. 2,754,573, 7-17-56, Cl. 29-157.5.
- Schoessow, Glen J.: *See—*
- Cay, Carl H., and G. J. and E. E. Schoessow. 2,736,400.
- Schofield, Christian A. Method of making a formed article comprising a resinous sheet backed by plywood. 2,744,850, 5-8-56, Cl. 154-110.
- Schofield, Frank M., to E. I. du Pont de Nemours and Co. Treatment of textile fibers with antistatic agent and product thereof. 2,742,372, 4-17-56, Cl. 117-138.8.
- Schofield, Frederick H., to Fresh Frozen Foods Ltd. Finned tubular heat exchange elements and quick freezing apparatus embodying such elements. 2,757,518, 8-7-56, Cl. 62-102.
- Schofield, Hazen A. Portable clothes hanger for motor vehicles. 2,747,781, 5-29-56, Cl. 224-42.45.
- Schoij, Edgar, and S. Lipperse, to Union Special Machine Co. Thread control mechanism for sewing machines. 2,730,060, 1-10-56, Cl. 112-162.
- Schoknecht, Robert J., and E. J. Spiegel, Jr., to Gaylord Container Corp. Bottle carrier. 2,735,460, 2-28-56, Cl. 220-113.
- Scholes, Dean C.: *See—*
- Varney, Bruce, Scholes, and Landes. 2,739,895.
- Scholl, Charles F., to The Scholl Mfg. Co., Inc. Method of making adhesive tape with non-skid backing. 2,768,902, 10-30-56, Cl. 117-10.
- Scholl, Elwood L., to United States Rubber Co. Electroplated structure adapted for use as airfoil section. 2,732,020, 1-24-56, Cl. 170-159.
- Schöll, Günter. Regenerator masses for regenerative heat exchangers. 2,740,615, 4-3-56, Cl. 257-6.
- Scholl, Kenneth. Inert gas welding torch with adjustable tip. 2,743,346, 4-24-56, Cl. 219-14.
- Scholl Mfg. Co., Inc.: *See—*
- Crawford, Claud F. 2,740,401.
- Scholl, Charles F. 2,768,902.
- Scholl, William H. 2,739,587.
- Scholl, William H. 2,773,876.
- Scholl, Raymond E. Wiener barbecuing machine. 2,775,189, 12-25-56, Cl. 99-427.
- Scholl, Solomon P.: *See—*
- McPherson, Earl W. 2,742,886.
- Scholl, William H., to The Scholl Mfg. Co., Inc. Tubular bandage applicator. 2,739,587, 3-27-56, Cl. 128-157.
- Scholl, William H., to The Scholl Mfg. Co., Inc. Surgical traction means. 2,771,876, 11-27-56, Cl. 128-84.
- Scholl, William M. Apparatus for making adhesive tape. 2,729,193, 1-3-56, Cl. 118-202.
- Scholl, William M. Laminated insole. 2,736,109, 2-28-56, Cl. 36-44.
- Scholl, William M. Apparatus for making adhesive tape. 2,736,290, 2-28-56, Cl. 118-203.
- Scholl, William M. Stretchable air-pervious bandage. 2,740,402, 4-3-56, Cl. 128-156.
- Scholl, William M. Wide arch insole. 2,748,502, 6-5-56, Cl. 36-44.
- Scholl, William M. Foot cushion. 2,748,503, 6-5-56, Cl. 36-71.
- Scholl, William M. Surgical pad and the like. 2,748,765, 6-5-56, Cl. 128-153.
- Scholl, William M. Foot rest cushion. 2,748,838, 6-5-56, Cl. 155-169.
- Scholl, William M. Method of making adhesive tape with clear margins. 2,755,196, 7-17-56, Cl. 117-4.
- Schollenberger, Charles S., to The B. F. Goodrich Co. Elastomeric diisocyanate-modified polyesters. 2,770,612, 11-13-56, Cl. 260-75.
- Scholnick, Seymour: *See—*
- Jacobs, Donald H., Scholnick, and Martin. 2,755,667.
- Scholten, Jacob W., and M. J. Fennis, to Hartford National Bank and Trust Co., as trustee. Multiple network. 2,768,351, 10-23-56, Cl. 323-8.
- Scholtz, Arthur P., to National Can Corp. Machine for loading cans into cartons. 2,738,630, 3-20-56, Cl. 53-59.
- Scholtze, Herman J., to F. A. B. Mfg. Co., Inc. Axle alignment guide in dual axle undercarriages. 2,746,762, 5-22-56, Cl. 580-104.5.
- Scholz, Caesar R.: *See—*
- Huebner, Charles F. 2,760,976.
- Scholz, Heinrich, H. Oettel, and H. Zeller, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Production of pharmaceutically active hexamethylenetetramine products. 2,764,551, 9-25-56, Cl. 260-248.5.
- Schoppert, Ter T. Girth strapping device for attachment to a sun visor. 2,740,659, 4-3-56, Cl. 296-97.
- Schonen Products: *See—*
- Moquist, Stanley A. 2,731,211.
- Schonfeld, Walter M., to Todd Shipyards Corp. Water tight bulkhead. 2,734,656, 2-14-56, Cl. 220-57.
- Schönitzer, Rudolph L.: *See—*
- Allen, Edwin L. 2,734,761.
- Allen, Edwin L. 2,759,351.
- Schonover, Robert W., to the United States of America as represented by the Secretary of the Air Force. Means for increasing the area of good definition in a P. P. I. display. 2,768,323, 10-23-56, Cl. 315-22.
- Schönrock, Edwin A. Tail gate, apron and axle placement construction for dump trailers. 2,769,661, 11-6-56, Cl. 298-20.
- Schönrock, Edwin A. Tail gate and operating device for dump or trash trucks. 2,769,662, 11-6-56, Cl. 298-23.
- Schonstedt, Erick O., and H. R. Irons, to the United States of America as represented by the Secretary of the Navy. Total field magnetometer. 2,735,063, 2-14-56, Cl. 324-43.
- Schönwald, Milton H., ½ to Mayer B. Goren. Motor vehicle oil dip guard. 2,752,024, 1-24-56, Cl. 180-69.1.
- Schooler, Joseph T.: *See—*
- Knapp, Kenneth D., and Schooler. 2,762,176.
- Schooler, Joseph T. Wrapping machine. 2,745,234, 5-15-56, Cl. 53-379.
- Schoonmaker, Edward B.: *See—*
- Hulse, Robert E., and Schoonmaker. 2,767,610.
- Schoonover, Archie G., T. A. Feild, Jr., and J. H. Purse, to Union Carbide and Carbon Corp. Process for dyeing textiles made from acrylonitrile-containing polymers. 2,743,991, 5-1-56, Cl. 8-55.
- Schoonover, Archie G., T. A. Feild, Jr., and J. H. Purse, to Union Carbide and Carbon Corp. Process for dyeing textiles made from acrylonitrile-containing polymers. 2,743,992, 5-1-56, Cl. 8-55.
- Schoonover, Walter A. Valve actuating mechanism. 2,764,141, 9-25-56, Cl. 123-90.
- Schopper, Aaron W. Prefabricated wall panels. 2,735,518, 2-21-56, Cl. 189-34.
- Schoridine, Fred J. Refrigeration system. 2,755,637, 7-24-56, Cl. 62-115.
- Schörner, Christian, to Maschinenfabrik Augsburg-Nürnberg G. M. B. H. Method and apparatus for finishing turbine blades. 2,730,794, 1-17-56, Cl. 29-156.8.
- Schorr, Saadia M.: *See—*
- Menkin, Benjamin D., and Schorr. 2,774,511.
- Schostal, Richard. Dishes and window cleaning device. 2,769,211, 8-21-56, Cl. 15-220.
- Schott, Harold C.: *See—*
- Pelouch, James J. 2,734,597.
- Schott, Henry, to I. J. Suckno Co. Rail structure for stairways and the like. 2,767,959, 10-23-56, Cl. 256-19.
- Schott, Howard H., to General Mills, Inc. Mixer beater ejector. 2,738,959, 3-20-56, Cl. 259-1.
- Schott, Howard H., to Illinois McGraw Electric Co. Motor control for electric food mixer. 2,753,472, 7-3-56, Cl. 310-50.
- Schott, John T., to Bell Telephone Laboratories, Inc. Test probe. 2,771,580, 11-20-56, Cl. 324-72.5.
- Schott, Stuart: *See—*
- Hulse, Robert E., and Schott. 2,761,882.
- Schotté, Oscar E., 52½% to The Trustees of Amherst College. Method of treating food animals. 2,767,096, 10-16-56, Cl. 99-107.
- Schrade, Theodore G. Knot-simulating necktie clasp. 2,774,971, 11-25-56, Cl. 2-153.
- Schrader, Clarence O., ½ to Paper Mate Mfg. Co. Method for automatic screw machine operations. 2,775,028, 12-25-56, Cl. 29-406.
- Schrader, George Jr.: *See—*
- Schrader, George, Sr. 2,771,211.
- Schrader, George, Sr., deceased, by G. Schrader, Jr., administrator, to United States Steel Corp. Slide cover for converting a box into a feed hopper. 2,771,211, 11-20-56, Cl. 220-41.
- Schrader, Gerhard: *See—*
- Lorenz, Walter, and Schrader. 2,759,010.
- Schrader, Gerhard, to Farbenfabriken Bayer Aktiengesellschaft. Thiophosphoric acid esters of 3-halogen-hydroxycoumarins. 2,748,146, 5-29-56, Cl. 260-343.2.

- Schrader, Henry E. Weeders. 2,752,840, 7-3-56, Cl. 97-69.  
 Schrader, Julius J. Folding table and seat assembly. 2,766,812, 10-10-56, Cl. 155-124.  
 Schrader, Milford J. to Gibson Refrigerator Co. Refrigerator cabinet. 2,751,106, 6-19-56, Cl. 220-9.  
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   Stoll, Gotthieb, and Schrag. 2,751,944.  
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   Sawyer, Frederick D., and Schram. 2,763,112.  
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   Parry, Blanchard A., and Schraun. 2,749,002.  
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 Schramm, August F., Jr. Air permeable, resin-coated fabric and process of making the same. 2,735,786, 2-21-56, Cl. 17-19.  
 Schramm, August F., Jr. Metallized fabric. 2,748,019, 5-29-56, Cl. 117-31.  
 Schramm, Carl, to The Smyth Mfg. Co. Stack mechanism for book components. 2,752,153, 6-26-56, Cl. 271-62.  
 Schramm, Elmer A. Bell Telephone Laboratories, Inc. Equalizer. 2,738,465, 8-13-56, Cl. 333-28.  
 Schramm, Fred W., to Western Electric Co., Inc. Automatic meter calibrator. 2,767,375, 10-16-56, Cl. 324-74.  
 Schramm, Harry B., J. W. Fredd, and H. C. Otis, Sr., to Otis Co. Engineer Corp. Excess flow valve. 2,749,937, 6-12-56, Cl. 137-460.  
 Schramm, Henry W., and J. D. Nesbitt. Method of operating a forge furnace. 2,737,580, 3-6-56, Cl. 263-52.  
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 Schreck, Irvin F. Vat lifting and dumping truck. 2,756,883, 7-31-56, Cl. 214-313.  
 Schreck, Irvin F. Trolley transfer truck. 2,772,797, 12-4-56, Cl. 214-132.  
 Schrecongost, Ray, to Sylvania Electric Products, Inc. Image reproducing device lens structure. 2,746,030, 5-15-56, Cl. 340-369.  
 Schreffer, Robert Z. Aircraft construction. 2,770,427, 11-13-56, Cl. 244-2.  
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   Hathorn, Clarence J., and Schreiber. 2,762,880.  
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   Laubach, Gerald D., and Schreiber. 2,740,797.  
   Laubach, Gerald D., and Schreiber. 2,773,885.  
 Schreiber, Erich, to G. Ospeit. Internal-combustion engines. 2,747,556, 2-29-56, Cl. 123-32.  
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   Goldberg, David. 2,741,407.  
 Schreiber, Patrick Q. R., to Robert Legg Ltd. Feed hopper for tobacco cutting machinery. 2,732,928, 1-31-56, Cl. 198-59.  
 Schreiber, Patrick Q. R., to Robert Legg Ltd. Tobacco cutter grinding means. 2,738,629, 3-20-56, Cl. 51-249.  
 Schreiber, Patrick Q. R., to Robert Legg Ltd. Machine for cutting tobacco and the like. 2,763,307, 9-18-56, Cl. 146-119.  
 Schreiber, Rudolf, and G. W. Schuetz, to The Ore & Chemical Corp. Sink-float separatory apparatus. 2,752,040, Cl. 226-58, Cl. 208-173.  
 Schrieder, Albert. Turret head for mounting on the vertically reciprocable sleeve of a drilling or milling machine. 2,764,044, 9-25-56, Cl. 77-25.  
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   Berdelle Hilde, Philipp, Schreiner, Blessing, and Stöhr. 2,773,454.  
 Schremp, Frederick W., to Sperry Rand Corp. Power operated key action for typewriters and like business machines. 2,737,279, 3-6-56, Cl. 197-17.  
 Schremp, Frederic W., to California Research Corp. Method of preventing loss circulation. 2,757,737, 8-7-56, Cl. 166-33.  
 Schrenk, Hans A., to American Enka Corp. Continuous polymerization of monomeric lactams. 2,735,839, 2-21-56, Cl. 260-78.  
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   Van Amerongen, Gerrit J., Poldervaart, and Schreuder. 2,736,758.  
 Schreyer, Edward P. Electric shaver. 2,734,266, 2-14-56, Cl. 30-43.  
 Schreyer, Ralph C., to E. I. du Pont de Nemours and Co. Manufacture of aliphatic diamines. 2,754,330, 7-10-56, Cl. 260-585.  
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   MacLaren, Donald D., and Schrickler. 2,758,063.  
 Schrock Bros. Co. *See—*  
   Steffen, Junior E., and Engel. 2,756,859.  
 Schrock, Daniel A., to Idaho Sprocket and Machine Works. Back-stop mechanism. 2,735,514, 2-21-56, Cl. 188-82.4.  
 Schrock, Norman B., to Hewlett-Packard Co. Frequency generator. 2,748,272, 5-29-56, Cl. 250-27.  
 Schroeder, Anton. *See—*  
   Jahnel, Ernst. 2,758,485.  
 Schröder, Hubert. *See—*  
   Geffcken, Walter, and Schröder. 2,748,659.  
 Schroeder, Alfred C. *See—*  
   Pittman, Daniel A., and Schroeder. 2,736,859.  
 Schroeder, Alfred C., to Radio Corp. of America. Stabilization by molecular beams. 2,731,563, 1-17-56, Cl. 250-36.  
 Schroeder, Alfred C., and W. G. Gibson, to Radio Corp. of America. Color television. 2,743,310, 4-24-56, Cl. 178-4.4.  
 Schroeder, Arlo E., to Jarvis Mfg., Inc. Automatic shotgun choke operated by gases of explosion. 2,765,564, 10-9-56, Cl. 42-79.  
 Schroeder, Arthur C., to Schroeder Machines Corp. Adhesive applicator. 2,765,639, 10-9-56, Cl. 118-311.  
 Schroeder, Bernard F., and H. E. Karl. Door operating mechanism. 2,732,966, 1-31-56, Cl. 217-60.  
 Schroeder Brothers. *See—*  
   Schroeder, John S., 2,762,339.  
 Schroeder, Carl G. *See—*  
   Adcock, Paul K., Sr., and Schroeder. 2,761,504.  
 Schroeder, Carl W. *See—*  
   Condo, Fred E., and Schroeder. 2,752,269.  
 Schroeder, Carl W., and R. W. Sumers, to Shell Development Co. Treatment of textile materials and product. 2,774,691, 12-18-56, Cl. 117-139.4.  
 Schroeder, Charles J. *See—*  
   Johnson, Samuel J., and Schroeder. 2,746,538.  
 Schroeder, Charles S., to The Yale & Towne Mfg. Co. Traction unit for industrial trucks. 2,731,099, 1-17-56, Cl. 180-57.  
 Schroeder, Charles S., to The Yale & Towne Mfg. Co. Hydraulic type power steering. 2,732,904, 1-31-56, Cl. 158-49.4.  
 Schroeder, Charles S., to The Yale & Towne Mfg. Co. Wheel assembly. 2,751,255, 6-19-56, Cl. 301-1.  
 Schroeder, Charles S., to The Yale & Towne Mfg. Co. Hydraulic power lines for industrial truck. 2,754,018, 7-10-56, Cl. 250-56.  
 Schroeder, Collin H., and K. P. Link, to Wisconsin Alumni Research Foundation. Process of making crystalline warfarin sodium. 2,765,321, 10-2-56, Cl. 260-343.2.  
 Schroeder, Elmer F. *See—*  
   Kumpesch, Viktor, and Schroeder. 2,729,669.  
 Schroeder, Elmer F., to G. D. Searle & Co. 5-Halo-6-aminouracils and derivatives thereof. 2,731,465, 1-17-56, Cl. 260-256.4.  
 Schroeder, Florence M. Automobile steering wheel table. 2,746,821, 12-22-56, Cl. 311-21.  
 Schroeder, George F., and L. Matero, to The Sperry Corp. A.C. rate generator. 2,738,433, 3-13-56, Cl. 310-171.  
 Schroeder, George O., to American Can Co. Anti-blocking adhesive composition containing polyethylene, tackifying resin, and a polyvinyl ester. 2,772,247, 11-27-56, Cl. 260-27.  
 Schroeder, George W., to General Electric Co. Ultra-high frequency heating apparatus. 2,744,990, 5-8-56, Cl. 219-10.35.  
 Schroeder, George W., to General Electric Co. Surface heating unit. 2,772,340, 11-27-56, Cl. 219-37.  
 Schroeder, Henry H., Jr., to Specialties Development Corp. Handless discharge head for portable fluid dispensing apparatus. 2,744,580, 5-5-56, Cl. 169-31.  
 Schroeder, John S. *See—*  
   Schroeder Brothers. Hydraulic drill. 2,762,339, 9-11-56, Cl. 121-34.  
 Schroeder, Kenneth K., Jr. *See—*  
   Schroeder, Kenneth K., Sr., and K. K. Schroeder, Jr. 2,775,456.  
 Schroeder, Kenneth K., Sr., and K. K. Schroeder, Jr. Bowling pin. 2,775,456, 12-25-56, Cl. 273-82.  
 Schroeder, Lawrence A., to The Parker Pen Co. Apparatus for detecting and removing uncapped bottles from a conveyor. 2,745,548, 5-15-56, Cl. 209-75.  
 Schroeder, Leslie W., to Warwick Mfg. Corp. Radio tuner. 2,734,386, 2-14-56, Cl. 74-10.7.  
 Schroeder Machines Corp. *See—*  
   Schroeder, Arthur C. 2,765,769.  
 Schroeder, Otto. Method of and apparatus for washing labeled bottles and apparatus for labeling labels from the wash liquid. 2,761,799, 9-4-56, Cl. 134-10.  
 Schroeder, Robert W. *See—*  
   Pinkos, Alfons M., Wilson, and Schroeder. 2,755,040.  
 Schroeder, Simon E., to Clinton Foods Inc. Automatic partition strip nesting machine. 2,742,827, 4-24-56, Cl. 93-37.  
 Schroeder, Simon E. Remote control for outboard motors. 2,743,624, 5-1-56, Cl. 74-472.  
 Schroeder, Simon E., to Standard Brands Inc. Apparatus for universal assembling of partition strips. 2,767,625, 10-23-56, Cl. 93-37.  
 Schroeder, Vincent W. Mobile jack stand. 2,751,191, 6-19-56, Cl. 254-2.



- Schroeder, William: *See*—  
Katz, Leon, and Schroeder. 2,767,172.  
Katz, Leon, and Schroeder. 2,767,174.
- Schroeppe, Paul R., to J. I. Case Co. Side delivery rake. 2,738,640, 3-20-56, Cl. 56—377.
- Schropp, Alfred: *See*—  
Zemhardt, Walter, and Schropp. 2,747,890.
- Schroth, Richard: *See*—  
Schuster, Franz. 2,740,252.
- Schubauer, Edouard: *See*—  
Meloni, Mario, and Schubauer. 2,740,870.
- Schuer, Alexander. Mine prop. 2,747,829, 5-29-56, Cl. 248—355.
- Schubert, Lawrence P.: *See*—  
Perry, Thomas W., and Schubert. 2,769,659.
- Schubert, Otto, Jr.: *See*—  
Schubert, Otto, Sr., and O. Schubert, Jr. 2,772,930.
- Schubert, Otto, Sr., and O. Schubert, Jr. Bearings. 2,772,930, 12-4-56, Cl. 308—238.
- Schubert, Rudolf, to Hilber & Co. K. G. Sewing machine. 2,760,452, 8-28-56, Cl. 112—20.
- Schubert, Rudolf, and G. Otto, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Process for coating leather. 2,743,836, 5-5-56, Cl. 117—142.
- Schuck, John E. Sink mounting. 2,759,190, 8-21-56, Cl. 4—187.
- Schuck, Oscar H.: *See*—  
Baldwin, John H., Cummings, and Schuck. 2,751,921.
- Schuck, Oscar H., to Minneapolis-Honeywell Regulator Co. Motor control apparatus adapted for automatic to manual change-over. 2,734,155, 2-7-56, Cl. 318—19.
- Schuck, Oscar H., to Minneapolis-Honeywell Regulator Co. Automatic light control apparatus. 2,751,541, 6-19-56, Cl. 248—489.
- Schuck, Oscar H., to Minneapolis-Honeywell Regulator Co. Automatic navigating and landing apparatus for aircraft. 2,766,954, 10-16-56, Cl. 244—77.
- Schuck, Oscar H., and B. H. Cisel, to Minneapolis-Honeywell Regulator Co. Automatic control systems. 2,770,429, 11-13-56, Cl. 244—77.
- Schuck, Raymond W., and W. D. Abbott, to Westinghouse Electric Corp. Bearing assembly. 2,733,107, 1-31-56, Cl. 308—86.
- Schueler, George B. E., to T. J. Smith & Nephew Ltd. Adhesives. 2,740,403, 4-3-56, Cl. 128—156.
- Schuessler, Frank J., to Bell & Howell Co. Magnetic sound translating apparatus. 2,730,571, 1-10-56, Cl. 179—100.2.
- Schuessler, Walter E. Knitted cap structure. 2,735,283, 2-21-56, Cl. 66—171.
- Schuetz, Fritz: *See*—  
Albrecht, Otto, Meyer, Schuetz, and Roesti. 2,763,529.
- Schuetz, Fritz, H. Roesti, O. Albrecht, and J. Meyer, to Ciba Ltd. Process for dyeing loose wool. 2,763,530, 9-18-56, Cl. 8—43.
- Schuetz, Gerhart W.: *See*—  
Schreiber, Rudolf, and Schuetz. 2,752,040.
- Schuetz, Robert D. Aminoalkylthienyl sulfides and method of preparing. 2,768,165, 10-23-56, Cl. 260—247.1.
- Schuetze, Hilmar O., to Great Lakes Stamp & Mfg. Co., Inc. Label activator. 2,775,677, 12-25-56, Cl. 219—19.
- Schuffan, Paul M., to The British Oxygen Co., Ltd. Method of and apparatus for dispensing gases. 2,741,094, 4-10-56, Cl. 62—1.
- Schuffan, Paul M., and T. J. Webster, to The British Oxygen Co. Ltd. Regeneration of adsorbent units. 2,747,681, 5-29-56, Cl. 183—4.7.
- Schuh, Niles F., Jr., to Westinghouse Electric Corp. Over-voltage protection for alternating current generators. 2,735,039, 2-14-56, Cl. 317—13.
- Schuh, Niles F., Jr., to Westinghouse Electric Corp. Frequency sensitive control device. 2,757,320, 7-31-56, Cl. 317—138.
- Schuhler, André, to Graphic Arts Research Foundation, Inc. Gravure printing plate. 2,738,728, 3-20-56, Cl. 101—150.
- Schuhmann, Julius A. G., to Joh. Urbanek & Co., Werk Nurnberg. Combined grinding and lapping disc having flat working surfaces. 2,749,684, 6-12-56, Cl. 51—209.
- Schult, George C. A., and M. T. Hart, to Shell Development Co. Improving hydrocarbon oils boiling in the gasoline range. 2,767,125, 10-16-56, Cl. 196—50.
- Schüle, Albert. Aerial ropeway. 2,737,124, 3-6-56, Cl. 104—193.
- Schule, Frederick W., to Bendix Aviation Corp. Aircraft altimeter generator. 2,739,804, 1-3-56, Cl. 340—27.
- Schulenburg, Wilhelm, to Deutsche Gold- und Silber-Scheideanstalt vormals Roessler. Process for impregnating wood with an insecticide and the resultant product. 2,763,579, 9-18-56, Cl. 117—148.
- Schuler, L. A. G.: *See*—  
Griesinger, Karl. 2,764,114.
- Ott, Josef. 2,767,674.
- Sulzer, Jakob. 2,738,840.
- Sulzer, Jakob. 2,773,400.
- Schniken, Roger M., Jr., to Eastman Kodak Co. Methacrylonitrile polymers heat stabilized with organic halogen compounds. 2,768,151, 10-23-56, Cl. 260—45.85.
- Schuller, Arthur A. Pressure filter with vibrating device for use in back washing operation. 2,742,158, 4-17-56, Cl. 210—152.
- Schuller, Pierre, to Usines Chimiques & Metallurgiques de Decauville (Société Anonyme). Calorimeters. 2,743,609, 5-1-56, Cl. 73—190.
- Schulman, James H., and C. C. Kliek, to the United States of America as represented by the Secretary of the Navy. High energy radiation dosimeter. 2,738,430, 3-13-56, Cl. 250—83.
- Schulman, James H., and R. J. Ginther, to the United States of America as represented by the Secretary of the Navy. Radiation sensitive strontium sulfate and dosimeters employing same. 2,737,291, 7-31-56, Cl. 250—83.
- Schulman, James H., and R. J. Ginther, to the United States of America as represented by the Secretary of the Navy. Radiation sensitive alkaline earth fluorides and dosimeters employing same. 2,757,292, 7-31-56, Cl. 250—83.
- Schulman, Simon S., to Silphane Corp. of America. Water resistant coating compositions. 2,760,876, 8-28-56, Cl. 106—76.
- Schulmerich Electronics, Inc.: *See*—  
Kunz, Philip W., and Kunz. 2,738,497.
- Kunz, Jacob T. 2,729,132.
- Kunz, Jacob T. 2,769,861.
- Kunz, Jacob T. 2,770,994.
- Schulse, Herman E. Chemical feeders. 2,767,846, 10-23-56, Cl. 210—36.
- Schulte, Clifford L. Shadowless photographic light. 2,760,048, 8-21-56, Cl. 240—1.3.
- Schulte, Emil. Closure device for collapsible tubes. 2,754,027, 7-10-56, Cl. 220—30.5.
- Schulte, Fritz, to T. D. Bowes. Variable ratio transmission responsive to speed of load. 2,747,115, 5-22-56, Cl. 317—138.
- Schulthies, Harry B., Jr., to Bendix Aviation Corp. Matrix type decoding circuit for binary code signals. 2,769,908, 11-6-56, Cl. 340—166.
- Schulthies, Henry E., deceased; L. L. Newman, executor. Automatic stopping mechanism for milking machines. 2,766,722, 10-16-56, Cl. 119—14.08.
- Schulthies, Hermann: *See*—  
Specht, Walter, and Schulthies. 2,745,789.
- Schultz, Abner L., and R. R. Bloor, to The B. F. Goodrich Co. Inessential compositions of chlorinated turpentine hydrocarbons and methods of stabilizing same. 2,767,115, 10-16-56, Cl. 167—30.
- Schultz, Arthur B., to the United States of America as represented by the United States Atomic Energy Commission. Releaseable gripper for holding an article suspended. 2,751,229, 6-19-56, Cl. 279—75.
- Schultz, Arthur D., and G. R. Pipes, R. E. Linn, and R. F. Gamundi, to Eaton Mfg. Co. Fuel tank cap. 2,749,548, 4-3-56, Cl. 220—24.5.
- Schultz, Arthur J. Dip terminal for testing wires. 2,740,099, 3-27-56, Cl. 339—118.
- Schultz, Arthur J., to Sylvania Electric Products Inc. Automatic relay resable circuit breaker system. 2,772,379, 11-27-56, Cl. 317—23.
- Schultz, Carl,  $\frac{1}{2}$  to H. Stefanson. Bowless collapsible truck cover. 2,757,042, 7-31-56, Cl. 296—100.
- Schultz, Carl E.: *See*—  
Wells, Reginald W. 2,755,105.
- Schultz, David. Slicing device. 2,758,697, 8-14-56, Cl. 198—30.
- Schultz Die Casting Co.: *See*—  
Holmes, Burton F., and Heindel. 2,746,001.
- Schultz, Edward H., Jr., to The Nagel-Chase Mfg. Co. Caster bracket. 2,740,206, 4-3-56, Cl. 16—29.
- Schultz, Edward H., Jr., to The Nagel-Chase Mfg. Co. Step pulley. 2,738,681, 3-20-56, Cl. 74—230.3.
- Schultz, Edward L., to Endicott Johnson Corp. Multiple size polyethylene shoe shaping counter. 2,738,600, 3-20-56, Cl. 36—68.
- Schultz, Edward L., to Endicott Johnson Corp. Improved liner for safety shoes. 2,740,209, 4-3-56, Cl. 36—77.
- Schultz, Everett M., to Merck & Co., Inc. Quaternary ammonium salts of delta-hydroxy-carboxyphenyl gamma-hydroxy amines. 2,771,468, 11-20-56, Cl. 260—247.7.
- Schultz, Frank J., and T. E. Buck, to National Lead Co. Electrolytic method for refining titanium metal. 2,734,856, 2-14-56, Cl. 204—64.
- Schultz, Fred M.,  $\frac{1}{2}$  to J. Reichman. Fishing line bobber. 2,754,609, 7-17-56, Cl. 43—17.
- Schultz, Harold B., to Bendix Aviation Corp. Master cylinder. 2,769,732, 10-16-56, Cl. 121—41.
- Schultz, Harold R.: *See*—  
Molloy, Everett W., and Schultz. 2,729,727.
- Schultz, Harold W., to General Motors Corp. Method of making bearings. 2,734,024, 2-7-56, Cl. 204—23.
- Schultz, Harry A.: *See*—  
Arnold, George, and Schultz. 2,730,319.
- Schultz, Henry J.: *See*—  
Orton, Melvern, Schultz, and Walker. 2,769,038.
- Schultz, Herman S.: *See*—  
Reiner, Eugene J., Schultz, Shuman, and Silberberg. 2,762,846.
- Schultz, Ignatius C. Outlet box. 2,770,385, 11-13-56, Cl. 220—3.6.
- Schultz, John V.: *See*—  
Wells, Reginald W. 2,755,105.
- Schultz, Kristian, and L. P. Anderson, to Armour and Co. Extraction of insulin from pancreas tissue. 2,752,286, 6-26-56, Cl. 167—75.
- Schultz, Matthew J., to Steelman, Inc. Wheel or rim holding stand. 2,764,194, 9-25-56, Cl. 144—288.
- Schultz, Melvin L., and G. A. Morton, to Radio Corp. of America. Information storage devices. 2,743,430, 4-24-56, Cl. 340—173.

- Schultz, Mortimer A., to Westinghouse Electric Corp. Distance-measuring echo-wave devices. 2,769,158, 10-30-56, Cl. 340-1.
- Schultz, Oscar T., L. B. Scott, and W. G. Wing, to Sperry Rand Corp. Navigation system. 2,762,123, 9-11-56, Cl. 38-1.
- Schultz, Oswald C., to Laboratory Equipment Corp. Magnetically activated torque coupling. 2,771,371, 11-20-56, Cl. 192-84.
- Schultz, Paul J., to National Foam System, Inc. Fire extinguishing foam producing unit. 2,765,856, 10-9-56, Cl. 168-15.
- Schultz, Ralph L.: *See*—  
Lippert, Erhard M., Schultz, and Neyfeldt. 2,731,206.
- Schultz, Roy M.,  $\frac{1}{2}$  to Davis Press Pad Co. and  $\frac{1}{2}$  to Bishop David Freeman Co. Press plates. 2,743,541, 5-1-56, Cl. 38-68.
- Schultz, Russell A., to Robbins Engineering Co. Turbine blade and method of making same. 2,767,460, 10-23-56, Cl. 29-156-8.
- Schultz, Theodore H., to Sinclair Refining Co. Fluidized coking. 2,761,825, 9-4-56, Cl. 202-15.
- Schultz, Theodore R. Shotgun cartridge. 2,759,420, 8-21-56, Cl. 102-42.
- Schultz, Warner W., to General Electric Co. Phosphor screen and method of making the same. 2,740,050, 3-27-56, Cl. 250-80.
- Schultz, Warner W., to General Electric Co. Radiation detector. 2,768,308, 10-23-56, Cl. 250-71.
- Schultz, Wilbert E. Paper roll holder. 2,730,310, 1-10-56, Cl. 242-48.
- Schultz, Wilbur A., and A. R. Moore, to Hupp Corp. Liquid fuel burning apparatus and control. 2,747,799, 5-29-56, Cl. 236-1.
- Schultz, William O., to McGraw Electric Co. Ground anchor. 2,748,909, 6-5-56, Cl. 189-92.
- Schultze, Harold E., to General Motors Corp. Self-centering shock absorber. 2,735,670, 2-21-56, Cl. 267-1.
- Schultze, Karl, to Firma Hermann Severin vorm. Vulkan-Werk G. m. b. H. Apparatus for detecting gases or vapors. 2,741,912, 4-2-56, Cl. 73-23.
- Schulz, C. Milton. Foldable compartmental card holder. 2,731,270, 1-17-56, Cl. 273-148.
- Schulz, Edward L., and E. A. Bailey, to Carrier Corp. Refrigerant expansion control. 2,765,629, 10-9-56, Cl. 92-3.
- Schulz, Fred H. Bucket attachment for tractors. 2,738,084, 3-13-56, Cl. 214-140.
- Schulz, Hans T., and F. Rittmann, to C. Conradt. Bearings or bushings. 2,772,928, 12-4-56, Cl. 308-36.1.
- Schulz, Hermann: *See*—  
Huemer, Hans, and Schulz. 2,768,196.
- Schulz, Hermann, and H. Huemer, to American Cyanamid Co. Process for the production of solid finely divided, fluffy cyanuric chloride from the vapor phase. 2,734,058, 2-7-56, Cl. 260-248.
- Schulz Tool and Mfg. Co.: *See*—  
Mosher, James K. 2,749,932.
- Mosher, James K. 2,749,936.
- Schulz, Werner: *See*—  
Weidlich, Hans A., and Schulz. 2,768,976.
- Schulze and Burch Biscuit Co.: *See*—  
Fay, Joseph W. and R. J. 2,764,070.
- Schulze, Clinton W. Replaceable faucet handle. 2,761,713, 4-4-56, Cl. 287-53.
- Schulze, Heinz: *See*—  
Levy, Marilyn, and Schulze. 2,758,028.
- Levy, Marilyn, and Schulze. 2,759,819.
- Schulze, Herbert, to Vereinigte Deutsche Metallwerke Aktien-gesellschaft. Method of increasing the sealing resistance of metallic objects. 2,730,458, 1-10-56, Cl. 117-71.
- Schulze, John J., to Charles Bruning Co., Inc. Sheet separating device. 2,766,044, 10-9-56, Cl. 271-18.
- Schulze, Kurd J., to American Enka Corp. Device for the wet treatment of artificial threads. 2,748,587, 6-5-56, Cl. 68-205.
- Schulze, Kurd-Jürgen: *See*—  
Egink, Heinz, Elling, Ettlinger, Ostertag, and Schulze. 2,738,464.
- Woolseifen, Joseph, Schieck, Schulze, and Roggenbau. 2,761,802.
- Schulze, Leroy E., to Regents of The University of Minnesota. Process of preparing yarns. 2,741,894, 4-17-56, Cl. 57-164.
- Schulze, Oscar M.: *See*—  
Whitehouse, Zebulon W., Schulze, and Fischer. 2,757,806.
- Schulze, Richard B., H. P. Hessler, C. M. Davidson, and M. A. Winter, to The Glenn L. Martin Co. Apparatus for controlled pressure forming of sheet material. 2,754,786, 7-17-56, Cl. 113-44.
- Schulze, Robert A.: *See*—  
Hill, Frederick B., Jr., and Schulze. 2,751,419.
- Schulze, Robert E.: *See*—  
Klumb, George H., Schulze, and Bergstedt. 2,736,695.
- Schulze, Robert E., to Culligan, Inc. Method of making closed fluid pressure containers. 2,739,917, 3-27-56, Cl. 154-83.
- Schulze, Walter A., and J. C. Hillier, to Phillips Petroleum Co. Plasticization of sulfur vulcanizable materials, and related compositions. 2,738,100, 3-13-56, Cl. 220-63.
- Schum, Joseph W.: *See*—  
Schum, Robert H., and W. V. 2,734,409.
- Schum, Robert H., and J. W. Bar-stock vise. 2,734,409, 2-14-56, Cl. 81-33.
- Schum, Wesley R.: *See*—  
Batchelor, Joseph B., Jr. 2,774,645.
- Schumacher, Elmer L., and A. De Angelis, to American Optical Co. Ophthalmic mountings. 2,781,882, 1-24-56, Cl. 88-41.
- Schumacher, Frank A., to General Electric Co. Evaporator of high thermal mass. 2,745,236, 5-15-56, Cl. 62-4.
- Schumacher, Frank A., to General Electric Co. Two control temperature refrigerating system. 2,758,446, 8-14-56, Cl. 62-4.
- Schumacher, Frank A., to General Electric Co. Bottle rack for refrigerating apparatus. 2,768,048, 10-23-56, Cl. 3-351.
- Schumacher, Frank J., to General Outdoor Advertising Co., Inc. Illuminated clock. 2,745,243, 5-15-56, Cl. 58-50.
- Schumacher, Gladys L. Drying rack for brassieres. 2,765,004, 7-17-56, Cl. 223-66.
- Schumacher, Gustav, and G. Haronska. Method of treating and cleaning out tracts of land from aircraft. 2,736,991, 3-6-56, Cl. 47-68.
- Schumacher, Joseph C., to Western Electrochemical Co. Process for making sodium perchlorate from molten sodium chlorate. 2,733,982, 2-7-56, Cl. 23-81.
- Schumacher, Joseph C., to Western Electrochemical Co. Process for making ammonium perchlorate. 2,739,873, 3-27-56, Cl. 23-85.
- Schumacher, Karl P.: *See*—  
Gerschlager, Charles H., and Schumacher. 2,752,047.
- Schumacher, Martin: *See*—  
Kietz, Hans, Leman, and Schumacher. 2,751,703.
- Schumacher, Richard M.: *See*—  
Rusinoff, Samuel E., and Schumacher. 2,764,238.
- Schumacher, Richard M., to Caine Steel Co. Metal working apparatus. 2,775,151, 12-25-56, Cl. 80-40.
- Schumacher, Wilhelm: *See*—  
Heyna, Johannes, and Schumacher. 2,743,267.
- Schumacher, William G.: *See*—  
Sherr, Paul H., and Schumacher. 2,767,064.
- Schumacher, William L., and E. E. Folkenroth, to Aircraft-Marine Products, Inc. Electrical connector. 2,744,244, 5-1-56, Cl. 339-258.
- Schumacker, Harry J.: *See*—  
Bartlett, Lawrence E., Olivier, and Schumacker. 2,751,447.
- Schuman, Louis H., to Republic Steel Corp. Clean gas seal for bell and hopper. 2,765,935, 10-9-56, Cl. 214-36.
- Schuman, Seymour C.: *See*—  
Johnson, Clarence A., and Schuman. 2,747,718.
- Schumann, Hans M., deceased; J. M. Petts, executrix of said H. M. Schumann. Sound transmission and reproduction. 2,763,333, 9-18-56, Cl. 181-05.
- Schumann, Herbert, and E. Clausen, to G. M. Pfaff A. G. Device for automatically exchanging bobbins on sewing machines. 2,733,676, 2-7-56, Cl. 112-180.
- Schumann, Lawrence R., to Star Brush Mfg. Co. Inc. Display wrapper. 2,763,367, 9-18-56, Cl. 206-15.1.
- Schumer, Louis. Key retainer. 2,735,691, 2-7-56, Cl. 70-456.
- Schumer, Mathew H.: *See*—  
Hooverson, Charles P., and Schumer. 2,747,921.
- Schüchtern, Karl, to Physikalisch-Technische Werkstätten. Luminous gas discharge device. 2,766,395, 10-9-56, Cl. 313-117.
- Schunemann, Carl F., to Thompson Products, Inc. Coaxial switch. 2,769,068, 10-30-56, Cl. 200-153.
- Schunemann, Carl F., and R. L. Gates, to Thompson Products, Inc. High voltage heavy duty switch. 2,741,671, 4-10-56, Cl. 200-6.
- Schupp, Alfred J. Dispensing device for cylindrical objects. 2,752,065, 6-26-56, Cl. 221-238.
- Schur, Milton O., and R. M. Levy, to Ecusta Paper Corp. Cigarette paper wrapper. 2,733,720, 2-7-56, Cl. 131-15.
- Schur, Milton O., and R. M. Levy, to Ecusta Paper Corp. Cigarette paper. 2,738,791, 3-20-56, Cl. 131-15.
- Schur, Milton O., and R. M. Levy, to Ecusta Paper Corp. Process of improving paper formation. 2,754,207, 7-10-56, Cl. 92-21.
- Schurich, Edward C. Apparatus for indicating moisture in oil. 2,767,574, 10-23-56, Cl. 73-73.
- Schuricht, Harry G., to Champion Spark Plug Co. Spark plug insulator containing ceric oxide. 2,749,246, 6-5-56, Cl. 106-63.
- Schuren, John P.: *See*—  
Carsley, Harold G., Schuren, and Wickson. 2,743,126.
- Schurger, Garner H.: *See*—  
Gallimore, Keith P., and Schurger. 2,730,021.
- Schürhoff, Heinrich, to Koppers Co., Inc. Rich gas nozzle for regenerative coke oven with recirculation heating. 2,746,913, 5-22-56, Cl. 202-139.
- Schürich, Herbert. Straight hand knitting machine and method of knitting. 2,759,343, 8-21-56, Cl. 66-60.
- Schurich, Herbert, to K. Steinhof, trading as the firm Karl Steinhof Feinmechanik und Vorrichtungsbau. Hand knitting appliance. 2,762,213, 9-11-56, Cl. 66-106.
- Schurman, Glenn A., to California Research Corp. Vibration detector. 2,756,406, 7-24-56, Cl. 340-17.
- Schurman, Glenn A., P. M. Aagaard, and F. G. Blake, to California Research Corp. Pressure detector. 2,772,405, 11-27-56, Cl. 340-7.
- Schurman, Jack V., to Colgate-Palmolive Co. Preparation of hydroxybenzoic esters by alcoholysis. 2,770,648, 11-13-56, Cl. 260-474.
- Schurr, Charles A., to Square D Co. Magnetic amplifier motor control system. 2,766,415, 10-9-56, Cl. 318-209.
- Schurr, Hans: *See*—  
Stablecker, Wilhelm, and Schurr. 2,750,634.



- Schurr, Vernon D.,  $\frac{1}{2}$  to P. Glenn. Highly stable electronic amplifier. 2,746,016, 5-15-56, Cl. 324-123.
- Schüssler, Alfred, to Vereinigte Deutsche Metallwerke Aktiengesellschaft. Arc-welding of non-ferrous metal and its alloy. 2,743,344, 4-24-56, Cl. 219-10.
- Schuster, Franz,  $\frac{1}{2}$  to R. Schroth. Method of making cup chain. 2,740,252, 4-3-56, Cl. 59-35.
- Schuster, Karl: See—
- Scholjin, Hans O., and Schuster. 2,774,227.
- Schuster, Ludwig K., and H. A. Whitenight. Multiple action lubricating composition. 2,739,915, 3-27-56, Cl. 148-6.15.
- Schuster, Ludwig K., and A. L. Baldi, Jr., to Heintz Mfg. Co. Method for coating metals. 2,768,103, 10-23-56, Cl. 148-6.2.
- Schuster, Ludwig K., and A. L. Baldi, Jr., to Heintz Mfg. Co. Method for coating iron. 2,768,104, 10-23-56, Cl. 148-6.16.
- Schuster, Ludwig K., and A. L. Baldi, Jr., to Heintz Mfg. Co. Corrosion resistant coated steel members and method of making. 2,773,623, 12-11-56, Cl. 220-64.
- Schuster, Nick A., to Schlumberger Well Surveying Corp. Well logging methods and apparatus. 2,770,771, 11-13-56, Cl. 324-1.
- Schuster, Paul, to Custom Metal Products, Inc. Double-walled metal combustion chamber. 2,763,321, 9-18-56, Cl. 158-1.
- Schuster, Paul, and M. F. Dobbins, Jr., to Custom Metal Products, Inc. Metal combustion chamber and furnace with such chamber. 2,762,425, 9-11-56, Cl. 158-1.
- Schuster, Sarah: See—
- Planka, Henry. 2,763,882.
- Schuster, Ulysse. Printing machine. 2,730,944, 1-17-56, Cl. 101-68.
- Schuttat, Wayne H., to Penn Controls, Inc. Automatic shut-off for regulator valves and the like. 2,752,931, 7-3-56, Cl. 137-80.
- Schutt, Arthur J., and C. F. Whitmore, to General Motors Corp. Thermostat for engine cooling systems. 2,735,619, 5-2-56, Cl. 256-1.
- Schutt, Walter G., to Stearns Mfg. Co. Hoist or off-bearer for use in concrete block molding machines. 2,730,251, 1-10-56, Cl. 214-152.
- Schutte, Alfred H.: See—
- Kohring, Erwin. 2,758,428.
- Von Feckmann, Paul F. 2,773,694.
- Schutte, August H., to The Lummus Co. Continuous coking process. 2,742,410, 4-17-56, Cl. 202-14.
- Schutte, August H., to The Lummus Co. Apparatus for handling solids material. 2,763,515, 9-18-56, Cl. 302-53.
- Schutte, Charles E. Semi-spherical compensating washer. 2,760,161, 11-13-56, Cl. 85-50.
- Schutte, Herman D., to Schutte Pulverizer Co., Inc. Slide track mounting means for different mesh size screens in screening mills. 2,771,249, 11-20-56, Cl. 241-89.
- Schutte Pulverizer Co., Inc.: See—
- Schutte, Herman D. 2,771,249.
- Schutter Candy Co.: See—
- Rebecchini, Eugene. 2,753,158.
- Schutter, George M., to Scully Signal Co. Adjustable intrusion tube for use with whistling signalling device. 2,759,489, 8-21-56, Cl. 137-558.
- Schütz, Ewald, to Rockwell Mfg. Co. Radial arm saw and power feed therefor. 2,773,525, 12-11-56, Cl. 143-55.
- Schutz, Ewald, and P. E. Butzin, to Rockwell Mfg. Co. Safety lock for radial arm saws and the like. 2,773,524, 12-11-56, Cl. 143-47.
- Schuts, Harald, C. E. Thomas, Jr., and H. C. Hanks, Jr., to The Glenn L. Martin Co. Microwave interferometer. 2,735,981, 2-21-56, Cl. 324-70.
- Schutze, Henry G.: See—
- Hill, Boyd N., and Schutze. 2,763,592.
- Hoffmann, Edward J., and Schutze. 2,768,219.
- Schutze, Henry G., S. H. Haglens, and J. A. Anderson, Jr., to Esso Research and Engineering Co. Co-dimerization of conjugated cyclic dienes and acyclic dienes. 2,752,403, 6-26-56, Cl. 260-666.
- Schuur, Gerrit, to Rubber-Stichting. Rubber hydrochloride production and method of making same. 2,773,922, 12-11-56, Cl. 260-735.
- Schuykill Chemical Co.: See—
- Mecca, Sebastian B. 2,761,867.
- Schuykill Products Co., Inc.: See—
- Bassett, Cecil E., and Bradfield. 2,770,374.
- Schwab, Arthur W., to the United States of America as represented by the Secretary of Agriculture. Lactam of N( $\beta$ -aminoethyl) chelidamic acid. 2,740,786, 4-3-56, Cl. 260-268.
- Schwab, Charles J. Drilling apparatus for concrete and the like. 2,761,440, 9-4-56, Cl. 128-20.
- Schwab, Friedrich. Turret head. 2,738,691, 3-20-56, Cl. 77-25.
- Schwab, Max. Sewing machine. 2,751,868, 6-26-56, Cl. 112-210.
- Schwab, Max, and K. W. Helmann. Sewing machines. 2,759,444, 8-21-56, Cl. 112-210.
- Schwab, Otto: See—
- Maier, Albert, Schwab, and Kiechle. 2,772,581.
- Schwab, Otto, to Zahnradfabrik Friedrichshafen, Aktiengesellschaft. Friction disc clutches. 2,729,317, 1-3-56, Cl. 192-69.
- Schwab, Walter H. Jalousies or the like. 2,759,573, 8-21-56, Cl. 189-62.
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- Schwabe, Herman. Shoe upper roughing machine. 2,741,073, 4-10-56, Cl. 51-128.
- Schwabe, Herman, Inc.: See—
- Haas, Edgar. 2,749,414.
- Schwabe, Kurt. Devices for threading in the weft in automatic looms. 2,731,044, 1-17-56, Cl. 139-259.
- Schwahn, Joseph L. Rotating nylon belt cutter. 2,771,534, 11-20-56, Cl. 219-29.
- Schwalbold, Edgar K., to Star Watch Case Co. Cushioned movement mounting watch. 2,749,702, 6-12-56, Cl. 58-58.
- Schwalbold, Edgar K., to Star Watch Case Co. Sealed calendar watch. 2,749,703, 6-12-56, Cl. 58-90.
- Schwalge, William C. Oil reclaiming apparatus. 2,765,259, 10-2-56, Cl. 196-16.
- Schwall, Julius C., to Wallin Industrial Corp. Coffee making machine. 2,745,334, 5-15-56, Cl. 99-283.
- Schwaln, Horacio C.: See—
- Gehring, Paul C., and Schwaln. 2,761,351.
- Schwamberger, Emil, to Cassella Farbwerke Mainkur Aktiengesellschaft. Sulfurized condensation products and process of making same. 2,734,050, 2-7-56, Cl. 260-131.
- Schwamberger, Emil, to Cassella Farbwerke Mainkur Aktiengesellschaft. Vat dyestuffs containing sulfur and process of making same. 2,768,998, 10-30-56, Cl. 260-131.
- Schwamm, Karl: See—
- Von Boehmer, Thilo, and Schwamm. 2,756,581.
- Schwane, Clarence F., to The Ohio Crankshaft Co. Field coil balancer. 2,769,953, 11-8-56, Cl. 322-93.
- Schwaneke, Alfred E., and F. C., to A-M Corp. Automatic coffee brewer regulator. 2,741,682, 4-10-56, Cl. 200-138.
- Schwaneke, Alfred E., and F. C., to A-M Corp. Mechanical thermo-responsive actuating means. 2,753,419, 7-3-56, Cl. 200-137.
- Schwaneke, Fred C.: See—
- Krause, Walter W., and Schwaneke. 2,774,524.
- Lipsich, Maurice L., and Schwaneke. 2,748,690.
- Lipsich, Maurice L., and Schwaneke. 2,765,727.
- Schwaneke, Alfred E., and F. C. 2,741,682.
- Schwaneke, Alfred E., and F. C. 2,737,605.
- Schwaneke, Fred C., to Dormeyer Corp. Hinge for cooking device. 2,732,580, 1-31-56, Cl. 16-166.
- Schwaneke, Fred C., to Dormeyer Corp. Cooking vessel. 2,749,426, 6-5-56, Cl. 219-43.
- Schwaneke, Fred C., to Dormeyer Corp. Cooking utensil. 2,753,436, 7-3-56, Cl. 219-44.
- Schwank, Gunther; Rheinisch-Westfälische "Revision" Treuhand Aktiengesellschaft (Treuhand Aktiengesellschaft), and W. Franken, executors of said G. Schwank, deceased, to American Infra Red Radiant Co., Inc. Gas jet coupling and ball joint construction. 2,768,678, 10-30-56, Cl. 158-120.
- Schwank, Gunther, deceased; Rheinisch-Westfälische "Revision" Treuhand Aktiengesellschaft (Treuhand Aktiengesellschaft) and W. Franken, executors, to American Infra Red Radiant Co., Inc. Radiation burners. 2,775,294, 12-25-56, Cl. 158-116.
- Schwank, Max: See—
- Meyer, Jules, Schwank, and Albrecht. 2,763,523.
- Schwartz, Alexander, and E. Fogelson, to Leobarr Corp. Thermal insulation. 2,750,313, 6-12-56, Cl. 154-45.
- Schwartz, Arnold A.: See—
- Molnau, Joseph S. 2,769,899.
- Schwartz, Charles M.: See—
- Cocks, George G., and Schwartz. 2,739,507.
- Schwartz, Daniel M.: See—
- Hackett, Theodore N., and Schwartz. 2,729,348.
- Schwartz, Daniel M., and T. M. Hackett, to The Eimco Corp. Crawler tread take-up device. 2,729,532, 1-3-56, Cl. 305-9.
- Schwartz, Daniel M., and D. E. Hendrickson, to The Eimco Corp. Pivoted bucket loader. 2,746,625, 5-22-56, Cl. 214-131.
- Schwartz, Daniel M., and T. N. Hackett, to The Eimco Corp. Material handling machine. 2,752,053, 6-26-56, Cl. 214-131.
- Schwartz, Daniel M., and T. N. Hackett, to The Eimco Corp. Power transmission for material handling machines. 2,775,138, 12-25-56, Cl. 74-606.
- Schwartz, David L. Aerated bait pail. 2,754,617, 7-17-56, Cl. 43-57.
- Schwartz, Edwin L.: See—
- Frees, David, and Schwartz. 2,749,875.
- Schwartz, Harold G., to E. I. du Pont de Nemours and Co. Composite structures. 2,749,960, 6-12-56, Cl. 152-330.
- Schwartz, Harry, to General Electric Co. Variable resistor. 2,756,307, 7-24-56, Cl. 201-55.
- Schwartz, Harry B., Inc.: See—
- Cordell, Finton M. 2,754,588.
- Schwartz, Harry J., to Allied Chemical & Dye Corp. Method of desulfurizing molten ferrous metal. 2,741,556, 4-10-56, Cl. 76-55.
- Schwartz, Ira R.: See—
- Ferri, Antonio, and Schwartz. 2,755,623.
- Schwartz, Irving, and T. J. Stendardo. Air actuated spear gun. 2,767,701, 10-23-56, Cl. 124-11.
- Schwartz, James W., to Radio Corp. of America. Color television image reproducing system. 2,750,533, 6-12-56, Cl. 315-10.
- Schwartz, James W., to Radio Corp. of America. Color television system. 2,771,503, 11-20-56, Cl. 178-5.4.
- Schwartz, Jerome, to Taylor Lock Co. Pin-tumbler lock. 2,755,656, 7-24-56, Cl. 70-364.

- Schwartz, Joseph, and A. Ackley, to Westcott & Thomson, Inc. Apparatus for processing a concave work object. 2,740,331, 4-3-56, Cl. 90-20.
- Schwartz, Joseph H.: *See*—
- Wrigley, Arthur N., and Schwartz. 2,740,724.
- Schwartz, Leo A. Antifriction bearing. 2,731,311, 1-17-56, Cl. 309-191.
- Schwartz, Marcus, to S. & S. Industries, Inc. Brassiere frame. 2,746,052, 5-22-56, Cl. 2-42.
- Schwartz, Martin W., and M. J. Marks. Electrical lighting fixture. 2,707,717, 11-13-56, Cl. 249-73.
- Schwartz, Morris, and W. Castedello, to The Kalart Co., Inc. Electric connecting cord for photoflash units. 2,748,360, 5-29-56, Cl. 339-31.
- Schwartz, Morris A., and H. S. Fisher, to Johnson & Johnson. Apparatus for winding limp material into coreless rolls. 2,735,410, 12-25-56, Cl. 242-66.
- Schwartz, Morris J.: *See*—
- Gilmont, Roger, and Schwartz. 2,749,221.
- Schwartz, Morris P.: *See*—
- Feigin, Robert, and Schwartz. 2,755,280.
- Schwartz, Nathan R. Switch mounting means. 2,764,655, 9-25-56, Cl. 200-168.
- Schwartz, Nathan R., to Naras Research, Inc. Guide for attaching a lamp to a wall. 2,764,817, 10-2-56, Cl. 33-159.
- Schwartz, Ralph E., to T. J. Maloran Corp. Method of making a fibrous article. 2,769,741, 11-6-56, Cl. 154-101.
- Schwartz, Ralph E., J. G. Bush, and L. J. Freitick, to Vibradamp Corp. Process for manufacturing compressible glass fiber shock absorption material. 2,766,163, 10-9-56, Cl. 154-100.
- Schwartz, Robert F. Tamper-proof screw having frusto-conical head with flat tool engaging facets thereon. 2,770,998, 11-20-56, Cl. 85-43.
- Schwartz, Sidney, to Bantam-Lite, Inc. Pocket flashlight construction. 2,762,907, 9-11-56, Cl. 240-10.65.
- Schwartz, Solomon, and M. Kaplan, to Radio Receptor Co., Inc. Electrode support assembly. 2,766,363, 10-9-56, Cl. 219-10.81.
- Schwartzberg, Louis. Molded paper pulp egg carton. 2,758,918, 7-31-56, Cl. 229-2.5.
- Schwartzwalder, Karl, and H. B. Barlett, to General Motors Corp. Ceramic composition and process for making same. 2,760,875, 8-28-56, Cl. 106-46.
- Schwary, Robert E.: *See*—
- Koski, Jerry V., and Schwary. 2,729,308.
- Schwarz, Adolf: *See*—
- Holmes, John R., and Schwarz. 2,732,971.
- Reynolds, Harold A., and Schwarz. 2,709,673.
- Schwarz, Bertin A., to General Motors Corp. Favorite station signal seeking radio tuner. 2,739,232, 3-20-56, Cl. 250-20.
- Schwarz, Bertram A., to General Motors Corp. Multi-button favorite station tuner. 2,744,193, 5-1-56, Cl. 250-20.
- Schwarz, Bertram A., to General Motors Corp. Solenoid powered tuner. 2,751,503, 6-19-56, Cl. 250-40.
- Schwarz, Bertram A., and M. G. Wright, to General Motors Corp. Electrical apparatus. 2,743,620, 5-1-56, Cl. 74-128.
- Schwarz, Ernest I., to The Eis Automotive Corp. Packing cup. 2,754,164, 7-10-56, Cl. 309-33.
- Schwarz, Hans G., to Arvo Mfg. Corp. Television signal gain as function of brightness. 2,743,313, 4-24-56, Cl. 178-7.5.
- Schwarz, Hermann K. G.: *See*—
- Heusner, Wilhelm L. G. 2,744,717.
- Schwarz, Joachim J.: *See*—
- Mundt, Peter, and Geiger. 2,766,948.
- Schwarz, Johannes: *See*—
- Wagner, Richard, and Schwarz. 2,775,167.
- Schwarz, Karl H., to G. Kromschroder Aktiengesellschaft. Pressure relief device. 2,732,853, 1-31-56, Cl. 137-116.3.
- Schwarz Laboratories, Inc.: *See*—
- Brenner, Mortimer W. 2,763,554.
- Schwarz, Milton H., and A. Shansky, to Turner Hall Corp. Respiratory pump and of blood in setting permanent waves. 2,742,909, 4-24-56, Cl. 132-7.
- Schwarz, Randolph P., and L. E. Bechtold. Sanitary base for flush toilets. 2,758,316, 8-14-56, Cl. 4-252.
- Schwarz, Rudolf, and T. Hennig, to Zschimmer & Schwarz. Purification of paper mill white water by froth flotation. 2,729,334, 1-3-56, Cl. 210-53.
- Schwarz, Walter J., to The Patent and Licensing Corp. Coated roofing and siding and process of preparing the same. 2,729,574, 1-5-56, Cl. 117-25.
- Schwarzenbach, Gerold, and R. Sallmann, to Ciba Ltd. Acid-base indicator dyestuffs. 2,745,720, 5-15-56, Cl. 23-230.
- Schwarzenbek, Eugene F., to The M. W. Kellogg Co. Molybdena catalyst. 2,739,133, 3-20-56, Cl. 252-442.
- Schwarzenbek, Eugene F., to The M. W. Kellogg Co. Mixtures of trifluorochloroethylene polymers and method for molding same. 2,742,446, 4-17-56, Cl. 260-45.5.
- Schwarzenbek, Eugene F., to M. W. Kellogg Co. Platinum and palladium catalysts in catalyzed reactions. 2,760,912, 8-28-56, Cl. 196-50.
- Schwarzenbek, Eugene F., to M. W. Kellogg Co. Platinum and palladium catalysts. 2,760,940, 8-28-56, Cl. 252-466.
- Schwarzkopf Development Corp.: *See*—
- Rolfink, Friedrich. 2,737,708.
- Schwarzkopf, Paul. 2,769,611.
- Schwarzkopf, Jerome, to Bendix Aviation Corp. Liquid level control system. 2,766,406, 10-9-56, Cl. 517-132.
- Schwarzkopf, Otto, and J. J. Rasowski, to Oil and Chemical Products, Inc. Refining sulfuric acid treated aromatic hydrocarbons by neutralizing in two stages, with sufficient alkali metal hydroxide added in the first stage to form an aqueous layer of acid normality between 0.7 and 2.2. 2,761,887, 9-2-56, Cl. 260-674.
- Schwarzkopf, Paul, to Schwarzkopf Development Corp. Gas turbine rotors and their production. 2,769,611, 11-6-56, Cl. 253-39.
- Schwarzkopf, Vergil, to The Lathrop-Paulson Co. Conveyor chain. 2,766,655, 10-16-56, Cl. 74-246.
- Schwechten, Heinz W., R. Neeff, and J. Singer, to Farbenfabriken Bayer Aktiengesellschaft. Vat dyestuffs. 2,749,352, 6-5-56, Cl. 260-307.5.
- Schwechten, Heinz-Werner: *See*—
- Singer, Joseph, and Schwechten, Bayer. 2,740,796.
- Schwechten, Heinz-Werner, to Farbenfabriken Bayer Aktiengesellschaft. Production of diamino-anthraquinonyl-oxido-azoles. 2,759,948, 8-21-56, Cl. 260-307.5.
- Schweckendiek, Walter: *See*—
- Reppel, Walter, Schweckendiek, and Friedrich. 2,738,364.
- Schweda, Albert M., to Union Special Machine Co. Cup feed sewing machines. 2,751,866, 6-26-56, Cl. 112-16.
- Schweda, Albert M., and K. Froelich, Jr., to Union Special Machine Co. Sewing machines. 2,759,442, 8-21-56, Cl. 112-16.
- Schwede, Otto G. Angular discriminating optical device. 2,731,872, 1-24-56, Cl. 88-1.
- Schwede, Otto G. Angular discriminating optical device. 2,773,411, 12-1-56, Cl. 88-1.
- Schwede, Harry E., to Halliburton Oil Well Cementing Co. Drill stem testing device. 2,740,479, 4-3-56, Cl. 166-145.
- Schweickart, William M. Variable speed drive. 2,767,591, 10-23-56, Cl. 74-230.17.
- Schweiger, John G. Tie-down clamp. 2,745,158, 5-15-56, Cl. 15-130.
- Schweighofer, Horst M., to Collins Radio Co. Shaft positioning device. 2,742,599, 4-17-56, Cl. 318-467.
- Schweikert, Wilbur H.: *See*—
- Wolfe, John K., and Schweikert. 2,742,176.
- Schweiss, Joseph, to Carter Carburetor Corp. Carburetor anti-surge device. 2,748,796, 6-5-56, Cl. 137-411.
- Schweiss, Joseph, to ACF Industries, Inc. Engine anti-stall device. 2,762,614, 9-11-56, Cl. 261-63.
- Schweitzer Ltd.: *See*—
- Forkel, Karl. 2,767,536.
- Schweizer, Walter. 2,745,062.
- Schweitzer, Walter, and Marx. 2,747,805.
- Schweitzer, Walter, to Schweitzer Ltd. Device for unwinding 12-16. 2,743,062, 4-24-56, Cl. 242-18.
- Schweitzer, Walter, and K. Marx, to Schweitzer Ltd. Device for the placement of the thread during quick traverse winding. 2,747,805, 5-29-56, Cl. 242-18.
- Schweitzer, E. O. Mfg. Co.: *See*—
- Schweitzer, Edmund O., Jr. 2,729,788.
- Schweitzer, Earl O., to The Swartwout Co. Strip chart recorder. 2,745,711, 5-15-56, Cl. 346-116.
- Schweitzer, Edmund O., Jr., to E. O. Schweitzer Mfg. Co. Electric measuring instrument. 2,729,788, 1-3-56, Cl. 324-127.
- Schweitzer, Frank J., and W. C. Gibson, to Shaffer Tool Works. Stationary blowout preventer. 2,760,750, 8-28-56, Cl. 257-2.
- Schweitzer, Fritz L. Blow torch. 2,769,487, 11-6-56, Cl. 158-33.
- Schweitzer, Howard V. Paint gun. 2,766,064, 10-9-56, Cl. 299-1.
- Schweitzer, Howard V., and W. C. Albertson, Jr.: *See* Albertson, Jr., assor. to said Schweitzer. Body painting machine. 2,729,189, 1-3-56, Cl. 118-6.
- Schweitzer, Otto: *See*—
- Hoffmann, Ulrich. Schweitzer, and Rinn. 2,736,752.
- Wolfe, Adolf, and Schweitzer. 2,739,121.
- Schweizer, Alfred, and K. Brecher, to Robert Bosch G. m. b. H. Combustible fluid supply apparatus for internal combustion engines. 2,751,897, 6-26-56, Cl. 123-140.
- Schweizer, August: *See*—
- Kappeler, Markus, and Schweizer. 2,749,333.
- Schweizer, Louis. Denture supporting clamp. 2,754,591, 7-17-56, Cl. 32-68.
- Schweizerische Lokomotiv- und Maschinenfabrik: *See*—
- Feis, René. 2,737,017.
- Schweller, Edmund F., to General Motors Corp. Freezing device. 2,744,226, 12-18-56, Cl. 62-108.5.
- Schwemmer, John G., to E. L. du Pont de Nemours and Co. Process of vaporization of hydrogen peroxide solutions. 2,751,338, 6-19-56, Cl. 202-63.
- Schwemmer, Albert: *See*—
- McGinty, William K., Schwemmer, and Buschcott. 2,767,307.
- Schwend, Fred N.: *See*—
- Boyd, Robert E., Collison, Oldenburg, and Schwend. 2,757,862.
- Collison, William F., and Schwend. 2,772,048.
- Schwend, Fred N., to Clary Corp. Readout apparatus for computing engine or the like. 2,767,907, 10-23-56, Cl. 235-58.
- Schwenden, Carl A., to Junior Tool Co. Electric motor housing. 2,752,514, 6-26-56, Cl. 310-50.
- Schwenk, Henry C., to Henry Pratt Co. Stressed seal damper. 2,740,606, 4-3-56, Cl. 251-173.



- Schwenk, Kurt, to Auto Union G. m. b. H. Elastic support for rear wheels of vehicles. 2,734,742, 2-14-56, Cl. 267-57.
- Schwenker, William A., to General Electric Co. Continuous hydrolysis or organobalogenosilanes. 2,758,124, 8-7-56, Cl. 260-448.2.
- Schwennesen, Donald O., and A. Helgason, to Essex Wire Corp. Lead-in construction. 2,768,251, 10-23-56, Cl. 174-18.
- Schwenninger, Earnest N., and J. H. Hoffman, to Celanese Corp. of America. Recording tensiometer. 2,770,127, 11-13-56, Cl. 73-143.
- Schwerde, Arthur, to Vineland Chemical Co. Stable solutions of organo-mercury salts. 2,754,241, 7-10-56, Cl. 167-30.
- Schwertfeger, Walter J. Container for eggs and method of assembly with egg-containing fillers. 2,764,334, 9-25-56, Cl. 229-29.
- Schwery, Joseph F.: *See—*  
Cox, Gerald C. 2,741,067.
- Schwery, Russell H.: *See—*  
Cox, Gerald C. 2,741,067.
- Schwesinger, Gerhard, to the United States of America as represented by the Secretary of the Army. Automatic focusing device. 2,730,010, 1-10-56, Cl. 88-24.
- Schwesinger, Gerhard, to the United States of America as represented by the Secretary of the Army. Variable focal length focusing lens system and device therefor. 2,766,658, 10-16-56, Cl. 88-57.
- Schwesinger, Gerhard, to the United States of America as represented by the Secretary of the Army. Device for compensating optical image motion. 2,769,367, 11-6-56, Cl. 88-16.8.
- Schweska, Crayton H.: *See—*  
Irwin, Edmund M., Wente, and Schweska. 2,737,543.
- Schwideretzky, Walter H., to General Dynamics Corp. Mechanical resonance detection systems. 2,729,972, 1-10-56, Cl. 73-67.
- Schwiessens, Ernst: *See—*  
Meissner, Fritz, and Schwiessens. 2,762,800.
- Schweiger, Orin J. Crayon molds. 2,733,478, 2-7-56, Cl. 18-56.
- Schwimmer, Sigmund: *See—*  
Makower, Rachel U., and Schwimmer. 2,738,280.
- Schwind, Ralph E.: *See—*  
Rounds, Fred G., Schwind, and Withrow. 2,747,560.
- Schwinger, Roger S.: *See—*  
Chambers, Albert M., Jr., and Schwinger. 2,729,475.
- Schwinger, Julian S., to the United States of America as represented by the Secretary of the Navy. Directional coupler. 2,731,602, 1-17-56, Cl. 333-10.
- Schwinn, Frank W. Method of making tube joints. 2,732,618, 1-21-56, Cl. 29-42.
- Schwinn, Frank W. Wheel chair for paraplegics. 2,748,834, 6-5-56, Cl. 155-30.
- Schwinn, Frank W. Means for joining tubular parts. 2,767,002, 10-16-56, Cl. 287-54.
- Schwinn, Richard C.: *See—*  
Werner, Frank R., and Schwinn. 2,769,041.
- Schwinn, Willard L.: *See—*  
Forrer, Gilbert R., and Schwinn. 2,769,095.
- Schwitzer Corp.: *See—*  
Hardy, James A. 2,763,055.
- James, A. 2,763,055.
- Schwoeb, Louis, 1/2 to Societe Anonyme Dite: "Appareillage V. P. B." High accuracy electric level indicator. 2,735,301, 2-21-56, Cl. 73-304.
- Schwolow, William R.: *See—*  
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- Schwoppe, Arthur D.: *See—*  
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- Schwoppe, Arthur D., and W. Chubb, to the United States of America as represented by the United States Atomic Energy Commission. Zirconium ternary alloys. 2,736,651, 2-23-56, Cl. 75-177.
- Schwartz, Jesse. Baby bottle protective harness. 2,772,801, 12-4-56, Cl. 215-11.
- Schyll, Franz, and H. Ley, to Metallgesellschaft Aktiengesellschaft. Roasting sulfide ores. 2,756,986, 7-31-56, Cl. 266-20.
- Scientific Oil Compounding Co., Inc.: *See—*  
Kalberg, Victor N. 2,769,006.
- Yeager, Charles C. 2,772,260-2,772,264.
- Scime, Emilio. Gear operated wrench with rotary impact means. 2,744,431, 5-8-56, Cl. 81-52.3.
- Scina, Anthony C., to Trico Products Corp. Windshield wiper. 2,741,791, 4-1-56, Cl. 15-24.
- Scinta, Anthony C., to Trico Products Corp. Windshield wiper blade connector. 2,747,212, 6-29-56, Cl. 15-250.
- Scintilla Ltd.: *See—*  
Buchmann, Albin. 2,736,827.
- Buchmann, Albin. 2,749,458.
- Buchmann, Albin. 2,765,377.
- Buchmann, Albin. 2,775,210.
- Scisorek, Martin: *See—*  
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- Scivalley, Herschell R. Apparatus for measuring periodic unidirectional movements. 2,756,506, 7-31-56, Cl. 33-134.
- Scobey, Virgil E.: *See—*  
Wiles, Western, Hoffman, and Scobey. 2,739,592.
- Scobie, Alexander G.: *See—*  
Normore, William M., and Scobie. 2,755,240.
- Scoby, Frank: *See—*  
Neumann, Arthur E. 2,756,044.
- Scofield, Philip F.: *See—*  
Jickels, Edward G., and Scofield. 2,765,665.
- Scoggins, Baxter L., H. C. McAninch, and C. R. Moore, to Anderson-Pritchard Oil Corp. Bituminous emulsion. 2,733,159, 1-31-56, Cl. 106-277.
- Scognamiglio Engineering Co.: *See—*  
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- Scognamiglio, Frank, to Scognamiglio Engineering Co. Rotary pump. 2,731,920, 1-24-56, Cl. 103-136.
- Scognamiglio, Frank. Rotary pump. 2,764,946, 10-2-56, Cl. 103-136.
- Scoles, Graham J., to Metropolitan-Vickers Electrical Co. Ltd. Electrical pulsing generating circuit arrangements. 2,773,199, 12-4-56, Cl. 307-108.
- Scopicon, Inc.: *See—*  
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- Gorham, George, and Ferrari. 2,730,923.
- Kosin, Seymour. 2,738,708.
- Score, Robert E.: *See—*  
Wolf, Robert J., and Score. 2,765,507.
- Scorgie, Donald G., to the United States of America as represented by the Secretary of the Navy. Magnetic servo amplifier. 2,764,723, 9-25-56, Cl. 818-207.
- Scott, A. B., and E. Wyrozumski, to Bee Chemical Co. Amino acid. 2,743,490, 1-1-56, Cl. 20-57.
- Scott, Alan D., to Lever Brothers Co. Detergent compositions. 2,768,956, 10-30-56, Cl. 252-138.
- Scott, Arthur L., to Columbia Products Co. Hollow shaft for fishing rods. 2,749,643, 6-12-56, Cl. 43-18.
- Scott-Arwater Mfg. Co. Inc.: *See—*  
Armstrong, Daniel A., and Carlson. 2,739,560.
- Scott Aviation Corp.: *See—*  
Cupp, Charles D. 2,745,401.
- Cupp, Charles D. 2,745,612.
- Cupp, Charles D. 2,758,596.
- Cupp, Charles D. 2,764,151.
- Miller, Arthur E. 2,760,507.
- Scott, Benjamin B., to the United States of America as represented by the Secretary of the United States Air Force. Electrical resistance device and method of making it. 2,760,042, 2-28-56, Cl. 201-48.
- Scott, Billy B. Ride mounted grenade catapult. 2,763,256, 9-18-56, Cl. 124-7.
- Scott, Carleton B.: *See—*  
Dorsey, William S., Schaeffer, and Scott. 2,763,604.
- Scott, Carleton B., to Union Oil Co. of California. Alkyl triphenyl phosphates. 2,764,606, 9-25-56, Cl. 260-461.
- Scott, Carleton B., to Union Oil Co. of California. Preparation of unsymmetrical trialkyltetraortho - phosphates. 2,769,831, 11-6-56, Cl. 260-461.
- Scott, Charles M. Emergency transformer and cart therefor. 2,763,709, 9-18-56, Cl. 174-65.
- Scott, Cleveland R.: *See—*  
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- Scott, Cleveland R., A. L. Ayers, and J. E. Mahan, to Phillips Petroleum Co. Piperidines as hypergolic fuels. 2,771,737, 11-27-56, Cl. 60-35.4.
- Scott, Cleveland R., and A. L. Ayers, to Phillips Petroleum Co. Morpholines as hypergolic fuels. 2,771,738, 11-27-56, Cl. 60-35.4.
- Scott, David B., to The Singer Mfg. Co. Loopers for sewing machines. 2,740,366, 4-3-56, Cl. 112-200.
- Scott, David B., and R. W. Schmutzer, to The Singer Mfg. Co. Presser mechanisms for sewing machines. 2,754,783, 7-17-56, Cl. 112-237.
- Scott, Don: *See—*  
Sarett, Ben L., and Scott. 2,765,233.
- Scott, Don, to B. L. Sarett. Deoxygenating process and product. 2,758,932, 8-14-56, Cl. 99-171.
- Scott, Don, to B. L. Sarett. Enzymatic conversion process. 2,758,934, 8-14-56, Cl. 99-210.
- Scott, Don O.: *See—*  
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- Scott, Earle S.: *See—*  
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- Scott, Elmer P. Thermoplastic design article. 2,749,640, 6-12-56, Cl. 41-24.
- Scott, Elmer P. Shower curtain structure. 2,752,993, 7-3-56, Cl. 160-330.
- Scott, Emily M. Ear attachment. 2,740,662, 4-3-56, Cl. 299-24.
- Scott & Feizer Co., The: *See—*  
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- Scott, Frederick S.: *See—*  
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- Scott, Harold E., E. L. du Pont de Nemours and Co. Stabilized polychloroprene latex. 2,761,365, 6-19-56, Cl. 260-29.7.
- Scott, Harold E. B. Hydraulic oscillators. 2,731,953, 1-24-56, Cl. 121-157.
- Scott, Harold E. B. Doctors. 2,767,529, 10-23-56, Cl. 51-24.
- Scott, Harry E. Hold-down bar. 2,770,471, 11-13-56, Cl. 280-179.
- Scott, Herbert A.: *See—*  
Painter, Edwin S., and Scott. 2,743,296.
- Scott, Hermon H. Method and system for reducing noise in the transmission of electric signals. 2,759,049, 8-14-56, Cl. 179-100.4.
- Scott, Howard M., to Radio Corp. of America. Protective circuit. 2,756,378, 7-24-56, Cl. 320-1.
- Scott, Jack M. Deflecting shield for meat grinders. 2,751,950, 6-26-56, Cl. 146-182.

- Scott, James K., to the United States of America as represented by the Secretary of the Navy. Sweep circuit. 2,735,008, 2-14-56, Cl. 250-27.
- Scott, Joe, to National-U. S. Radiator Corp. Safety latch for fire doors. 2,742,313, 4-17-56, Cl. 292-304.
- Scott, John W., Jr., to California Research Corp. Continuous flash coking process. 2,751,334, 6-19-56, Cl. 196-65.
- Scott, John W., Jr., to California Research Corp. Shale reorting process. 2,752,292, 6-26-56, Cl. 202-19.
- Scott, Larkin B.: See—
- Schultz, Oscar T., Scott, and Wing. 2,762,123.
- Scott, Larkin B., and A. Offner, to The Perkin-Elmer Corp. Means for oscillating a beam in a plane. 2,758,502, 8-14-56, Cl. 88-14.
- Scott, Lawrence B.: See—
- Williams, Paul H., and Scott. 2,744,871.
- Williams, Paul H., and Scott. 2,749,310.
- Williams, Paul H., and Scott. 2,774,733.
- Scott, Lawrence B., A. C. Nixon, and D. G. Roddick, to Shell Development Co. Lubricating oil containing dicyclopentadienyl iron and an oil soluble organic divalent metal salt. 2,763,613, 9-18-56, Cl. 252-32.5.
- Scott, Lawrence B., A. C. Nixon, and D. G. Roddick, to Shell Development Co. Lubricating oil containing dicyclopentadienyl iron and a wear inhibiting agent. 2,763,617, 9-18-56, Cl. 252-32.7.
- Scott, Lester. Torsion spring testing devices. 2,765,655, 10-9-56, Cl. 73-161.
- Scott, Loren F. Excavating apparatus. 2,743,904, 5-1-56, Cl. 255-19.
- Scott, Margaret M.: See—
- Scavullo, Angelo C. 2,750,661.
- Webber, Owen T. 2,755,795.
- Scott, Milton J.: See—
- Cohen, Oscar P., and Scott. 2,772,189.
- Scott, Milton J., to Monsanto Chemical Co. Process of stiffening felted bodies. 2,737,462, 3-6-56, Cl. 117-55.
- Scott, Murray R.: See—
- Davis, Earl K., and Scott. 2,762,713.
- Scott, O. M., and Son Co. 2,753,086.
- Peoples, Virgil H. Re. 24,189.
- Tuttle, George D. 2,753,086.
- Scott, Pauline F. Foot pedal control mechanism for automotive vehicles. 2,730,214, 1-10-56, Cl. 192-3.
- Scott, Philip R.: See—
- Stratton, Frank E., and Scott. 2,758,324.
- Scott, Platho P., Jr., and R. P. Murphy, to Stanolind Oil and Gas Co. Composition and process for plugging permeable formations. 2,734,861, 2-14-56, Cl. 252-8.55.
- Scott, Richard T.: See—
- Bramhall, James J., Jr., and Scott. 2,747,250.
- Scott, Robert E., to Gagnier Fibre Products Co. Apparatus for producing fastening device. 2,742,671, 4-24-56, Cl. 18-36.
- Scott, Robert E., to Toledo Scale Co. Spring testing scale. 2,746,288, 5-22-56, Cl. 73-94.
- Scott, Ross R. Carriers for trash burners. 2,745,676, 5-15-56, Cl. 280-47.26.
- Scott Testers, Inc. See—
- Blumenbaum, Louis G. 2,737,805.
- Scott, Thomas P., Jr., to The William Carter Co. Puckered knit fabric and method of producing same. 2,738,566, 3-20-56, Cl. 28-76.
- Scott, Thomas V., to Morgan Fairest Ltd. Labeling machines. 2,751,103, 5-56, Cl. 216-55.
- Scott, Thomas V., to Morgan Fairest Ltd. Labelling machines. 2,754,990, 7-17-56, Cl. 216-13.
- Scott, Wellington W., and J. P. Irvine, to Arwell, Inc. Rodent feeder. 2,763,093, 9-18-56, Cl. 43-131.
- Scott, William H. Hydrotherapy pump. 2,730,095, 1-10-56, Cl. 128-66.
- Scott, William J., to Ideal Industries, Inc. Pressure connector. 2,737,637, 3-6-56, Cl. 339-244.
- Scott, William J., to Ideal Industries, Inc. Plastic connectors. 2,749,384, 6-5-56, Cl. 174-87.
- Scott, William M., Jr., to I-T-E Circuit Breaker Co. Contact arrangement for asymmetrical resistance. 2,767,264, 10-16-56, Cl. 200-48.
- Scott, William M., Jr., to I-T-E Circuit Breaker Co. Half circular bus bracket. 2,775,642, 12-25-56, Cl. 174-99.
- Scott, William M., Jr., to I-T-E Circuit Breaker Co. Half circular bus bracket. 2,775,643, 12-25-56, Cl. 174-99.
- Scott & Williams, Inc.: See—
- Bristow, Paul W. 2,736,177.
- Bristow, Paul W. 2,763,144.
- Lawson, Robert H. 2,736,178.
- Lawson, Robert H. 2,757,527.
- Shelmirne, Stanley R. 2,773,372.
- Tew, Joseph F. 2,729,082.
- Scott, Wymer L., to Armstrong Cork Co. Mineral fiber product containing hydrazine virgin kraft pulp and method of producing the same. 2,773,763, 12-11-56, Cl. 92-3.
- Scottish Aluminium Ware Ltd.: See—
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- Scotty, Clarence B., to The Texas Co. Determination of porosity and permeability of subsurface formations. 2,765,412, 10-2-56, Cl. 250-83.3.
- Scovill, Edgar W., and J. J. Veillette, to Scovill Mfg. Co. Copied eyes for anchoring fastener members. 2,759,237, 8-21-56, Cl. 24-216.
- Scovill Mfg. Co.: See—
- Barratt, Jesse. 2,771,652.
- Carpinella, Michael J. 2,735,567.
- Carpinella, Michael J. 2,771,653.
- Carpinella, Michael J., and Rosengrant. 2,734,653.
- Crimmins, Herbert D. 2,742,256.
- Danziger, Joseph L. 2,774,432.
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- Seaver, Donald A. 2,744,498.
- Seaver, Donald A. 2,769,666.
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- Seyfried, Arthur W. 2,771,111.
- Seyfried, Arthur W. 2,773,997.
- Spender, Donald L. 2,769,665.
- Spender, Donald L. 2,769,666.
- Spender, Donald L. 2,769,667.
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- Trehanne, Richard E., Jr., and Wegmann. 2,775,483.
- Williams, Harold W. 2,759,235.
- Scovill, Edgar W., to The Standard Oil Co. Liquid thermal diffusion port design. 2,752,042, 6-26-56, Cl. 210-52.5.
- Scoville, Ray R. Terminal lug. 2,762,030, 9-4-56, Cl. 339-277.
- Scowcroft, John: See—
- Chubb, Alexander A., and Scowcroft. 2,747,145.
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- Scripto, Inc.: See—
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- Federwitz, Theodore A. 2,771,837.
- Scruggs, Eric P. Boat fisherman's creel. 2,765,577, 10-9-56, Cl. 43-55.
- Scruggs, Thomas M., to Bemis Bro. Bag Co. Woven webs. 2,772,699, 12-4-56, Cl. 139-419.
- Scruton, Arthur H.: See—
- Davidson, Thomas R. N., and Scruton. 2,769,520.
- Sermeyour, Harper D. Bottle closure-opener. 2,754,962, 7-17-56, Cl. 20-65.
- Seudi, John V., L. E. Tenenbaum, and G. F. Grail, to Nepera Chemical Co., Inc. n-Pentadecyl-N-methyl-N', N'-dimethylethylene diamine. 2,739,986, 3-27-56, Cl. 260-583.
- Seudi, John V., and F. E. Anderson, to Nepera Chemical Co., Inc. Aromatic carboxylic acid salts of tetra alkyl ethylene diamines. 2,748,139, 5-29-56, Cl. 260-295.5.
- Scullin, Carl H.: See—
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- Scully, Frank P., and A. E. Mathey, to Scully Signal Co. Portable filling connection. 2,769,949, 11-6-56, Cl. 285-175.
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- Better, Bernard R., and Lehde. 2,775,326.
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- Scully Signal Co.: See—
- Mathey, Alcide E. 2,729,283.
- Rowell, William G. 2,763,407.
- Rowell, William G. 2,765,802.
- Rowell, William G., and Farmer. 2,767,783.
- Schutter, George M. 2,759,448.
- Scully, Frank P., and Mathey. 2,769,649.
- Scully, William A., O. J. Snyder, and L. L. Linse. Apparatus for convoluting thin walled articles. 2,750,985, 6-19-56, Cl. 153-77.
- Scurlock, James C., to Western Engineering Associates. Wall construction. 2,771,164, 11-20-56, Cl. 189-34.
- Seatt, Francis E.: See—
- Sutton, Robert W., and Seatt. 2,757,913.
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- Seabold, Edward J., and L. K. Dowler; said Seabold assor. to Dreyer Co., and said Dowler assor. to Wheeling Steel Corp. Continuous bluing system for ferrous strip. 2,768,916, 10-30-56, Cl. 148-635.
- Seabone, Charles R., and S. J. Balsch, to Signode Steel Strapping Co. Method of an apparatus for manufacturing load retaining devices. 2,739,635, 3-27-56, Cl. 154-1.6.



- Seabrook, Charles E., to Skuff Guard, Inc. Combined weather stop and scuff plate for closure devices. 2,739,357, 3-27-56, Cl. 20-64.
- Seabrook, John B.: *See—*  
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- Seagrave, Earl M., Jr., to Kelanese Corp. of America. Pressure gauge. 2,761,317, 9-4-56, Cl. 73-388.
- Seal, Clyde W., to Reliance Electric and Engineering Co. Multiple conveyor drive. 2,744,618, 5-8-56, Cl. 198-203.
- Seal, Reed R., to Thompson Products, Inc. Powder metal multi-ring bushing. 2,775,024, 12-25-56, Cl. 29-182.2.
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- Sealey, William C., to Allis-Chalmers Mfg. Co. Hinged valve with lost motion flap mounting. 2,742,255, 4-17-56, Cl. 25-15.
- Sealey, William C., to Allis-Chalmers Mfg. Co. Contact positioning arrangement for quick break mechanism of load tap changing transformer. 2,774,830, 12-18-56, Cl. 200-17.
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- Seal Rite Mfg. Co., Inc.: *See—*  
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- Seals, Marguerite M. Combination sales promotional package. 2,745,527, 6-5-56, Cl. 46-11.
- Seals, Paul C. Fishing tackle box. 2,750,706, 6-19-56, Cl. 43-57.5.
- Sealy, Marie P., to Federated Department Stores, Inc. Container for merchandise. 2,744,676, 5-8-56, Cl. 229-44.
- Seaman, Edward L., to S. & W. Sewing Machine Attachment Co. Trimming attachment for sewing machines. 2,773,462, 12-11-56, Cl. 112-100.
- Seaman, Leo V. Gas stove fuel supply system, including a valve. 2,746,533, 5-22-56, Cl. 158-120.
- Seaman, Lewis T., to General Electric Co. Gyroscope setting system. 2,746,500, 5-22-56, Cl. 74-5.4.
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- Seaman, Philip H.: *See—*  
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- Seaman, Robert C. Baby nursing bottle sleeve holder. 2,715,56, Cl. 215-11.
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- Sear, Leonard, to General Motors Corp. Concentricity gauge. 2,765,539, 10-9-56, Cl. 33-181.
- Searcy, Seral W. Ocean wave motors. 2,749,085, 6-5-56, Cl. 253-10.
- Searlight, Charles E. Production of silicone-coated glass beads. 2,730,841, 1-17-56, Cl. 49-79.
- Searl, Garner R. Mortar dispensing apparatus. 2,758,468, 8-14-56, Cl. 72-128.
- Searle, G. D. & Co.: *See—*  
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Dodson, Raymond M. 2,748,164.  
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Dodson, Raymond M., and Bergstrom. 2,750,380.  
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- Searle, G. D. & Co.: *See—Continued*  
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Krimmel, Carl P. 2,731,469.  
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Picha, George M. 2,755,289.  
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Ralls, Jack W. 2,740,798.  
Ralls, Jack W. 2,744,108.  
Ralls, Jack W. 2,744,109.  
Ralls, Jack W. 2,744,110.  
Robinson, Richard A. 2,758,996.  
Rorig, Kurt J. 2,729,645.  
Rorig, Kurt J. 2,743,866.  
Rorig, Kurt J. 2,745,870.  
Rorig, Kurt J. 2,746,806.  
Rorig, Kurt J. 2,748,119.  
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- Searle, Norman E., to E. I. du Pont de Nemours and Co. Aliphatic substituted methyl urea herbicidal compositions and methods. 2,733,988, 2-7-56, Cl. 71-2.7.
- Searle, Norman E., to E. I. du Pont de Nemours and Co. 1-methyl-2-(2-chlorophenyl) ureas and their use as herbicides. 2,756,135, 7-24-56, Cl. 71-2.5.
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- Searles, Edward: *See—*  
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- Searles, William G., to Sperry Rand Corp. Conveying mechanism. 2,762,507, 9-11-56, Cl. 209-72.
- Sears, Harold W.: *See—*  
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- Sears, Robert W., Jr. Tractor umbrella. 2,767,723, 10-23-56, Cl. 135-2.
- Sears, Roebuck and Co.: *See—*  
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- Sears, Wesley E. Vehicle headlight. 2,770,713, 11-13-56, Cl. 240-71.1.
- Seaton, Max Y.: *See—*  
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- Seaton, Max Y., to D. Pike, K. B. Ray, and The Stamford Trust Co., executors of said R. D. Pike, deceased, said Seaton assor. to Food Machinery and Chemical Corp. Production of pure sodium carbonate from Wyoming Trona. 2,770,524, 11-13-56, Cl. 23-63.
- Seaton, William E., to B. T. Crump Co., Inc. Hassock manufacture. 2,742,747, 4-24-56, Cl. 53-24.
- Seaton, William H.: *See—*  
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- Seattle Quilt Mfg. Co., Inc.: *See—*  
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- Seaver, Donald A., to Scovill Mfg. Co. Sound maker. 2,734,309, 2-14-56, Cl. 46-130.
- Seaver, Donald A., to Scovill Mfg. Co. Copy holder. 2,744,498, 5-8-56, Cl. 120-32.
- Seaver, Donald A., to Scovill Mfg. Co. Coin bank. 2,763,429, 9-18-56, Cl. 232-5.
- Seavey, Frederick R., to Olin Mathieson Chemical Corp. Blasting caps. 2,767,655, 10-23-56, Cl. 102-28.
- Seavey, Frederick R., and C. M. Blackburn, to Olin Mathieson Chemical Corp. Detonator crimping device. 2,738,699, 3-20-56, Cl. 86-22.
- Seavey, Frederick R., and T. J. Mulqueeny, to Olin Mathieson Chemical Corp. Blasting caps and process of making the same. 2,756,645, 7-31-56, Cl. 86-1.
- Sebac Nouvelle S. A.: *See—*  
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- Sebad, Joseph F., to Cochrane Corp. Cold process water softener or coagulator. 2,751,346, 6-19-56, Cl. 210-16.
- Sebad, Joseph F., to Worthington Corp. Water treating system. 2,773,029, 12-4-56, Cl. 210-18.
- Sebad, Joseph H. Distribution nozzle. 2,732,259, 1-24-56, Cl. 299-141.
- Sebardt, Wilhelm, to International Ytong-Stabilite Co. Ltd. Portioning device for viscous masses. 2,770,395, 11-13-56, Cl. 222-23.
- Sebakski, John, to Vapor Heating Corp. Damper mechanism for radiator housing. 2,731,902, 1-24-56, Cl. 93-40.
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- Sebel, D. and Co. Ltd.: *See*—  
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- Sebel, David, to D. Sebel and Co. Ltd. Sound emitting doll supporting *Fig.* 2,733,548, 2-7-56, Cl. 46—175.
- Sebel, S. A.: *See*—  
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- Seben, S. A.: *See*—  
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- Sebens, Carl R., to General Electric Co. Dishwasher rack and supporting frame. 2,745,707, 5-15-56, Cl. 312—311.
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- Sebok, Frank, to Houdaille Industries, Inc. Tuning tube arrangement for combination air cleaner and intake silencer. 2,760,592, 8-28-56, Cl. 181—35.
- Sebok, Joseph B. and F., to Houdaille-Hershey Corp. Machine for making resilient filter elements and batts. 2,728,953, 1-3-56, Cl. 19—67.
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- Sechrist, Harry S., and M. Rosenblatt, to General Electric Co. Electrical regulators. 2,748,337, 5-29-56, Cl. 321—16.
- Sechrist, Harry S., and W. A. Hunter, to General Electric Co. Regulating control system. 2,762,964, 9-11-56, Cl. 322—68.
- Sechy, Paul S. Protective wall for use against radiation and explosive forces. 2,773,459, 12-11-56, Cl. 109—82.
- Seck, Werner G., to The Hoover Company. Nozzle adjustment for suction cleaner. 2,730,752, 1-17-56, Cl. 15—361.
- Seck, Werner G., to The Hoover Company. Suction cleaning with pleated filter. 2,731,108, 1-17-56, Cl. 183—51.
- Seck, Werner G., to The Hoover Co. Suction cleaner. 2,739,667, 12-18-56, Cl. 28—79.
- Seck, Werner G., to The Hoover Co. Air supported cleaner with diffuser. 2,743,787, 5-1-56, Cl. 183—37.
- Seck, Werner G., to The Hoover Co. Steam iron. 2,749,633, 6-12-56, Cl. 138—77.
- Seckendorf, Hugo. Fire alarm station. 2,769,168, 10-30-56, Cl. 340—304.
- Secker, John S.: *See*—  
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- Secon Metals Corp.: *See*—  
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- Secotan, Inc.: *See*—  
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- Secrest, William J., to The Firestone Tire & Rubber Co. Apparatus for tension-calendering fabric. 2,754,883, 7-17-56, Cl. 154—75.
- Secrist, George R.: *See*—  
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- Secrist, Horace A., to The Kendall Co. Process for making felt-like products. 2,774,126, 12-18-56, Cl. 28—72.3.
- Secrist, Horace A., to The Kendall Co. Textile sheet material. 2,774,127, 12-18-56, Cl. 28—79.
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- Security Trust Co. of Rochester.: *See*—  
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- Seda, Edward C. Agricultural implement wheel scraper assembly. 2,770,469, 11-13-56, Cl. 280—158.
- Seddon, Robert M., to Dunlop Rubber Co. Ltd. Shock absorbers. 2,759,724, 8-21-56, Cl. 267—63.
- Seddon, Robert M., and D. W. Brambani, to Dunlop Rubber Co. Ltd. Rubber shock absorbers. 2,743,102, 4-24-56, Cl. 267—63.
- Sedgfield, Hugh B., to The Sperry Gyroscopic Co., Ltd. Servo systems. 2,740,082, 3-27-56, Cl. 318—489.
- Sedgfield, Hugh B., to The Sperry Gyroscopic Co., Ltd. Aircraft navigational aid apparatus. 2,762,993, 9-11-56, Cl. 340—27.
- Sedgfield, Hugh B., and F. A. Summerlin, to The Sperry Gyroscopic Co. Ltd. Feed-back amplifier systems and servomechanisms that are adapted to respond to input changes at very low frequencies. 2,730,573, 1-10-56, Cl. 179—171.
- Sedgwick, John G. Power mower with pivotal connection between carburetor and motor. 2,774,207, 12-18-56, Cl. 56—25.4.
- Sedgwick, Robert K., to American Steel Foundries. Prefill valve with automatic decompression means. 2,750,744, 6-19-56, Cl. 10—52.
- Sédlille, Marcel H. L., to Societe Rateau (Societe Anonyme). Gas turbine plant. 2,744,383, 5-8-56, Cl. 60—39.15.
- Sédlille, Marcel H. L., to Societe Rateau (Societe Anonyme), and R. Anxionnaz. Jet propulsion and boundary layer control system for aircraft. 2,745,611, 5-15-56, Cl. 244—15.
- Sedivy, Leo J. Fish lure. 2,765,570, 10-9-56, Cl. 43—42.34.
- Sedlacek, Henry J. Meter reading card container. 2,770,473, 11-13-56, Cl. 281—70.
- Sedlacek, Henry J., to The Kalamazoo Sled Co. Upholstered furniture and means for securing upholstery to frame members. 2,766,814, 10-16-56, Cl. 155—178.
- Sedlacek, John. Paint spray apparatus. 2,739,838, 3-27-56, Cl. 299—1.
- Sedoff, Arthur: *See*—  
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- Sedor, John: *See*—  
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- Sedusky, Henry J.: *See*—  
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- Seduto, William. Apparatus for forming frozen confections. 2,767,664, 10-23-56, Cl. 107—8.
- See, Kenneth L.: *See*—  
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- Seeba, Johann, P. Biefang, and A. Simonis, to Eisenwerke Gelsenkirchen, Aktiengesellschaft. Centrifugal casting molds. 2,752,651, 7-3-56, Cl. 22—113.5.
- Seeburger, Louis M.: *See*—  
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- Seeburg, J. P., Corp.: *See*—  
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- Seed, John B.: *See*—  
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- Seed, John B., and A. G. Waldie, to Imperial Chemical Industries Ltd. Method of treating a slurry. 2,756,668, 7-31-56, Cl. 100—37.
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- Seefeldt, Fred C., to The Liquid Carbonic Corp. Pressure fluid release device. 2,759,336, 8-21-56, Cl. 62—92.
- Seegelin, Hermann, to Maschinenfabrik Augsburg-Nürnberg, A. G. Fuel injection for diesel engines. 2,762,347, 9-11-56, Cl. 123—32.
- Seeger, Bernard I., to Boeing Airplane Co. Ram air cabin pressurizing systems. 2,767,561, 10-28-56, Cl. 62—136.
- Seeger, Edwin W.: *See*—  
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- Seeger, Edwin W., to Cutler-Hammer, Inc. Illumination control. 2,729,752, 1-3-56, Cl. 307—31.
- Seeger, Edwin W., to Cutler-Hammer, Inc. Operating means for electric switches. 2,752,464, 6-26-56, Cl. 200—172.
- Seeger, Ernst: *See*—  
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Kottler, August, and Seeger. 2,764,590.
- Seeger, Nelson V., to The Goodyear Tire & Rubber Co. Polye-ster elastomers with tolylene diisocyanate. 2,760,953, 8-28-56, Cl. 280—75.
- Seeger, Nelson V., and T. G. Mastin, to The Goodyear Tire & Rubber Co. N-aryl isocyanates of  $\alpha$ -phenyl ethylphenol carbanic acid ester. 2,753,261, 1-31-56, Cl. 260—471.
- Seeger, Nelson V., and T. G. Mastin, to The Goodyear Tire & Rubber Co. Adducts of mercaptans and isocyanates. 2,764,592, 9-25-56, Cl. 260—306.6.
- Seegmiller, Walter R., to General Electric Co. Push-pull magnetic amplifier. 2,770,769, 1-13-56, Cl. 323—10.
- Seegs, Joseph P. Wheel carrier for tank type vacuum cleaners. 2,729,843, 1-10-56, Cl. 15—257.
- Seel, Lewis H.: *See*—  
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- Seel, Frederic H., and C. Knopshied. Game board and pieces. 2,768,987, 10-16-56, Cl. 273—135.
- Seelen, Harry R., and W. E. Anthony, to Radio Corp. of America. Method of making glass-to-metal seal. 2,768,475, 10-30-56, Cl. 49—81.
- Seely, Henry W. K., to the United States of America as represented by the Secretary of the Air Force. Resuscitator. 2,736,331, 2-28-56, Cl. 137—63.
- Seeler, Henry W. K., to the United States of America as represented by the Secretary of the Air Force. Quick disconnect coupling for high pressure gas or liquid. 2,772,898, 12-4-56, Cl. 285—190.
- Seeley, James E., to E. A. Silze Corp. Process of low temperature evaporation. 2,732,008, 1-24-56, Cl. 159—1.
- Seely, Ralph B. Trailer hitch with stabilizer device. 2,772,098, 11-27-56, Cl. 280—406.
- Seely, Stuart W., to Radio Corp. of America. Crystal controlled oscillators. 2,742,573, 4-17-56, Cl. 250—36.
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- Seelig, Herman S.: *See*—  
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- Seelinger, Carmen B.: *See*—  
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- Seeloff, Melvin M.: *See*—  
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- Seeloff, Melvin M., and H. H. Hansen, to The Taylor-Winfield Corp. Pneumatic actuation of machine elements, particularly resistance welding electrodes. 2,730,995, 1-17-56, Cl. 121—48.
- Seeloff, Melvin M., and R. Anderson, to The Taylor-Winfield Corp. Spacer bar and die cleaner mechanism for strip welder. 2,758,187, 8-7-56, Cl. 219—4.
- Seely, George A., W. E. Segl, and E. S. Wilson, to Hercules Powder Co. Apparatus for treating pulp with liquid. 2,730,888, 1-17-56, Cl. 68—181.
- Seely, John S. Tool for and method of forming a flow restriction in a conduit. 2,744,429, 5-8-56, Cl. 81—15.
- Seely, Richard E., to General Electric Co. Dual voltage motor protector circuit. 2,733,394, 1-31-56, Cl. 318—221.



- Seely, Richard E., to General Electric Co. Protective arrangement for dual-voltage motor. 2,734,158, 2-7-56, Cl. 318—221.
- Seely, Richard E., to General Electric Co. Dynamoelectric machine. 2,752,548, 6-26-56, Cl. 318—221.
- Seely, Richard E., and J. A. Waller, to General Electric Co. Motor protector circuit. 2,744,226, 5-1-56, Cl. 318—221.
- Seem, Charles B. Dough divider. 2,752,866, 7-3-56, Cl. 107—15.
- Seem, Charles B. Dough divider. 2,753,144, 7-3-56, Cl. 249—5.
- Seem, George H. Pluri-compartment container with double-sealed partitioning chamber. 2,753,868, 7-10-56, Cl. 123—272.
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- Seems, Eugene G., to See, Robert. 2,762,784.
- Seeton, Frederic E., R. T. Perkins, and K. W. Winslow, to B. B. Chemical Co. Temporary protection of narrow areas. 2,760,282, 8-28-56, Cl. 36—72.
- Seewer, Paul W., to The English Electric Co. Ltd. Discharge mechanism for hydraulic plants. 2,742,055, 4-17-56, Cl. 137—613.
- Sefried, Harry H., II. Cartridge feeding mechanism. 2,741,862, 4-17-56, Cl. 42—17.
- Sefisik, Stephen R., and J. Kiss. Combination lamp and chair. 2,744,997, 5-8-56, Cl. 240—4.
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Farnsworth, Lawrence. 2,732,737.
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- Segal, Samuel, and Wilson Jones Co. Staple extractor. 2,733,893, 2-7-56, Cl. 254—28.
- Segall, Rachel E. Detachable vehicle crash pad for instant passenger use. 2,760,788, 8-28-56, Cl. 280—150.
- Seger, Claude A., and P. B. Bettmer, to Quebec Metallurgical Industries Ltd. Method of smelting. 2,772,961, 12-4-56, Cl. 73—52.
- Seger, Francis M. *See—*  
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Feasley, Charles F., Garwood, Sachanen, and Seger. 2,743,280.  
Feasley, Charles F., Garwood, Sachanen, and Seger. 2,743,281.
- Seger, Ross R., to the United States of America as represented by the Secretary of the Air Force. Flexible terminal strip. 2,774,053, 12-13-56, Cl. 339—198.
- Seger, Louis E., and F. F. Teeth cleaning implement. 2,756,758, 7-31-56, Cl. 132—92.
- Segers, John P. *See—*  
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- Segerstrom, Carl A., to Raytheon Mfg. Co. Reactance modulator circuits. 2,748,284, 5-29-56, Cl. 250—36.
- Segesman, Louis E., to The Hoover Co. Converter controlling handle position in suction cleaner. 2,747,215, 5-29-56, Cl. 333—33.
- Segesman, Louis E., to The Hoover Co. Suction cleaning apparatus. 2,763,025, 9-18-56, Cl. 15—337.
- Segesman, Louis E., to The Hoover Co. Suction cleaner having agitator drive in air stream and unobstructed fan inlet. 2,770,000, 11-13-56, Cl. 15—333.
- Segl, Walter E., to Simmons Ceilings Inc. Light diffusing ceiling construction. 2,752,017, 6-26-56, Cl. 189—88.
- Segl, Walter E. *See—*  
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- Seglem, Clifford E., to the United States of America as represented by the Secretary of the Navy. Igniter and combustion apparatus. 2,760,940, 8-28-56, Cl. 60—39,82.
- Segrest, Almon F. *See—*  
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- Segro, Nicholas R., and J. A. Melchore, to American Cyanamid Co. Polymerization catalyst. 2,757,166, 7-31-56, Cl. 219—73.
- Seiz, Jean, to Societe Anonyme dite: Stenotype Grandjean. Endless ribbon feeding device for shorthand typewriters. 2,755,905, 7-24-56, Cl. 197—168.
- Segur, Asa B. Tongue. 2,737,838, 3-13-56, Cl. 81—51.
- Segur, Asa B. Tongue. 2,737,839, 3-13-56, Cl. 81—51.
- Segur, Asa B. Tongue. 2,737,840, 3-13-56, Cl. 81—51.
- Segur, Asa B. System of handling brick and similar articles. 2,748,957, 6-5-56, Cl. 214—6.
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- Billsoly, Julius P., Polack, and Segura. 2,767,147.
- Seibel, Alfred F. Vaporizing and mixing unit. 2,764,455, 9-25-56, Cl. 299—140.
- Seibert, Ernest H., to Cory Corp. Hygrometer. 2,743,610, 5-1-56, Cl. 73—337.
- Seibert, Ernest H., and R. S. Krause, to Cory Corp. Cigarette and cigar lighter. 2,736,181, 2-28-56, Cl. 87—71.
- Seibert, Howard F., to Bethlehem Steel Co. Two-diameter thread rolling device. 2,760,388, 8-28-56, Cl. 80—9.
- Seibert, John W., to Borg-Warner Corp. Window structure. 2,770,018, 11-13-56, Cl. 20—52,2.
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- Seidel, Robert K. F., to J. A. Brewer. Finger cot. 2,740,121, 4-3-56, Cl. 2—21.
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- Seidemann, Georg, to Maschinenfabrik Augsburg-Nürnberg A. G. Control valve for a two cycle engine. 2,736,303, 2-28-56, Cl. 123—39.
- Seiden, George, to Eastern Air Devices, Inc. Method of magnetizing two-piece permanent magnet alternators. 2,750,552, 6-12-56, Cl. 310—152.
- Seidl, Herbert, to The Babcock & Wilcox Co. Cyclone furnaces. 2,747,526, 5-29-56, Cl. 110—28.
- Seidle, Ralph E. Loading and unloading device for vehicles. 2,736,443, 2-28-56, Cl. 214—146,5.
- Seidler, Neola *See—*  
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- Seidman, Irving. Garment hanger. 2,769,552, 11-6-56, Cl. 211—86.
- Seifert, Donald W. Warm air heating system control. 2,751,533, 6-19-56, Cl. 236—3.
- Seifert, Eberhard, to E. Seifert and H. Lohmann. Physiologically valuable xerogels and mixtures containing them. 2,731,340, 1-17-56, Cl. 71—52.
- Seifert, Harold J. *See—*  
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- Seifert, Richard, to Maybach-Motorenbau G. m. b. H. Fuel injection device for internal combustion engines. 2,740,669, 4-3-56, Cl. 299—140.
- Seifert, Richard, and H. Reiter, to Maybach-Motorenbau G. m. b. H. Supercharger plant for internal combustion engines. 2,739,440, 3-27-56, Cl. 60—13.
- Seifert, Walter R., to Hotchkiss Steel Products Co. Vehicle mounted load discharging elevator. 2,772,767, 12-4-56, Cl. 159—115.
- Seifert, William C., to D. W. Kent. Lens polishing overlay. 2,752,737, 7-3-56, Cl. 51—195.
- Seifert, William C., to D. W. Kent. Overlay for and method of grinding lens blanks. 2,752,738, 7-3-56, Cl. 51—195.
- Seifert, Oscar, to Seifert & May, Inc. Packaging method. 2,744,020, 5-1-56, Cl. 99—174.
- Seifried, Richard *See—*  
Gray, Landon R., and Smith. 2,739,634.
- Seifert, Joseph *See—*  
Alburn, Harvey E., and Seifert. 2,729,633.  
Bruce, William F., and Seifert. 2,768,166.
- Seigel, Harold O. *See—*  
Wait, James R., Seigel, Collett, Bell, and Brant. 2,766,421.
- Seiler, Ernest J., to Main Products Corp. Conveyor belting. 2,748,040, 2-29-56, Cl. 154—52,1.
- Seiler, Arthur J., to the United States of America as represented by the Secretary of the Army. Step valve for pressure regulation. 2,735,669, 2-21-56, Cl. 267—1.
- Seller, Georg, and H. Rutenhöfer, to Deutsche Perot-Premsse G. m. b. H. Brake actuator. 2,744,588, 5-8-56, Cl. 183—73.
- Seller, Karl O., to International Standard Electric Corp. Method of cleaning and/or etching semiconducting material, in particular germanium and silicon. 2,744,000, 5-1-56, Cl. 41—42.
- Seitz, Edward, to Keasbey & Mattison Co. Method for the manufacture of calcium silicate type insulation. 2,766,131, 10-9-56, Cl. 106—120.
- Seisholtz, Calvin, Jr. Illuminated religious symbol. 2,771,543, 11-20-56, Cl. 240—10.
- Seismograph Service Corp. *See—*  
Hawkins, James E., and Pugh. 2,748,370.
- Hawkins, James E., and Pugh. 2,730,187.
- Hawkins, James E., and Pugh. 2,757,750.
- Mahoney, Edward H. 2,730,714.
- Selter, Robert E. Cutting tool having disposable cutting segment. 2,738,999, 4-4-56, Cl. 234—34.
- Seitz, Fred H. Resilient draft device with adjustable attaching means. 2,729,470, 1-3-56, Cl. 280—483.
- Seitz, Karl, and W. Anderau, to Ciba Ltd. Azo dyestuffs of the azine series. 2,763,641, 9-18-56, Cl. 260—153.
- Seitz, Ludwig, to Maschinenfabrik Augsburg-Nürnberg A. G. Conducing rod. 2,741,933, 4-17-56,

- Sejournet, Jacques, to Comptoir Industriel d'Etrirage et  
 Profilage de Metaux. Hot punching of metals. 2,756,494,  
 7-31-56, Cl. 29-424.
- Sejournet, Jacques, and J. Delcroix, to Comptoir Industriel  
 d'Etrirage et Profilage de Metaux. Hot extrusion of metals.  
 2,736,429, 2-28-56, Cl. 207-10.
- Sekera, Charles J., to Westinghouse Air Brake Co. Accelerom-  
 eter testing device. 2,747,609, 5-29-56, Cl. 137-560.
- Sekijima, Mizuo, and J. R. Utterstrom, to Boeing Airplane Co.  
 Alternating voltage modulation suppressors. 2,773,180,  
 12-4-56, Cl. 250-27.
- Sekmakas, Kazys: See—
- Thompson, William M., and Sekmakas. 2,758,056.
- Thompson, William M., Sekmakas, and Dickinson.  
 2,751,330.
- Sekora, Peter E. Musical instrument mouthpiece measuring  
 gauge. 2,767,475, 10-23-56, Cl. 33-148.
- Selah, Robert D. Fan safety guard attachment. 2,763,428,  
 9-18-56, Cl. 230-275.
- Selas Corp. of America: See—
- Blaha, Emil. 2,762,428.
- Edvar, Torsten F. A. 2,742,274.
- Hess, Frederic O. 2,748,607.
- Hess, Frederic O. 2,749,108.
- Hess, Frederic O. 2,754,104.
- Hess, Frederic O. 2,771,056.
- Krieble, Elvin L. 2,735,508.
- Maud, Fred. 2,749,109.
- Skivesen, Kristian. 2,742,273.
- Selbe, Rexford L.: See—
- Nies, Brainard W., and Selbe. 2,736,929.
- Selberg, John P., D. Currie, and Borg-Warner Corp.  
 Earth boring apparatus. 2,771,270, 11-20-56, Cl. 255-28.
- Selbmann, Rudolf W., G. R. Tahara, and R. S. Mautner, to  
 Oak Mfg. Co. Tuner. 2,762,925, 9-11-56, Cl. 250-40.
- Selby, Donald W., to E. I. du Pont de Nemours and Co.  
 Traverse roll. 2,735,066, 2-28-56, Cl. 242-43.
- Selby, Donald W., to E. I. du Pont de Nemours and Co.  
 Bobbin chuck. 2,747,809, 5-29-56, Cl. 242-72.
- Selby, James, to Victoria Machine Tool Co. Ltd. Electric  
 control for machine tools. 2,747,150, 5-22-56, Cl. 318-103.
- Selby, Ralph: See—
- Gonzales, Conrad L., and Selby. 2,754,034.
- Selby, Robert P. Sr. to Marx-All Corp. Test scoring device.  
 2,764,239, 9-25-56, Cl. 134-86.
- Selzer, William H., to Monsanto Chemical Co. Synthesis of  
 Thiodinitriles. 2,762,836, 9-11-56, Cl. 260-465.8.
- Selecta Glove Corp.: See—
- Bierman, Herbert, Blum, and Pantuosco. 2,736,282.
- Self, Robert L.: See—
- MacIsaac, John T., Jr., and Self. 2,738,746
- Self-Changing Gears Ltd.: See—
- Burnett, Stanley F. 2,773,578.
- Miller, Albert A. 2,730,216.
- Self-Opening Tin Box Co. Ltd. The: See—
- Hawkeswell, John S., and Porter. 2,743,128.
- Selgin, Paul J. Induced quadrature field motor. 2,736,853,  
 2-28-56, Cl. 318-165.
- Seligman, Alain R. Drilling device for large bores. 2,740,719,  
 5-22-56, Cl. 253-19.
- Seligman, Arthur. 2,736,137, for valve for reciprocating compressors.  
 2,751,929, 6-26-56, Cl. 137-540.
- Seligman, Eustace: See—
- Cohn, Edwin J. 2,770,616.
- Selinger, Hans. Hydraulic clock. 2,749,700, 6-12-56, Cl.  
 38-42.
- Selim, Floyd E., to Phillips Petroleum Co. Safety shut-off  
 valve. 2,765,801, 10-9-56, Cl. 137-71.
- Selinker, Solomon E., and S. M. Berkowitz. Multi-entry  
 bookkeeping systems. 2,734,756, 2-14-56, Cl. 232-8.
- Selkirk, Richard H., to the United States of America as re-  
 presented by the United States Atomic Energy Commission.  
 Centrifuge systems. 2,756,925, 7-31-56, Cl. 233-23.
- Sellers, Albert B. G. Condiment shaker. 2,743,851, 5-1-56,  
 Cl. 22-44.
- Sellers, Frederick B.: See—
- Paul, Peter L., and Sellers. 2,740,706.
- Rees, Harry V., and Sellers. 2,764,555.
- Sellers, Frederick B., to Texaco Development Corp. Process  
 for the hydrogenation of coal. 2,753,296, 7-3-56, Cl.  
 196-53.
- Sellers, Frederick B., and H. V. Rees, to Texaco Develop-  
 ment Corp. Process for the production of a hydrogen-  
 nitrogen mixture and acetylene. 2,764,554, 9-25-56, Cl.  
 252-376.
- Sellers, Henry G., Jr.: See—
- Bordenca, Carl, and Sellers. 2,736,740.
- Sellers, John W.: See—
- Stevens, Henry C., Kaman, and Sellers. 2,759,978.
- Sellers, Joseph M. Apparatus for disseminating insecticides.  
 2,772,061, 11-27-56, Cl. 244-236.
- Sellés, Pedro C. Devices for braking and propelling the shut-  
 tle in mechanical looms. 2,736,340, 2-28-56, Cl. 139-185.
- Selles, Pedro C. Method of and mechanism for operating the  
 picking stick of mechanical looms. 2,759,620, 3-27-56, Cl.  
 139-145.
- Sellet, Lucien: See—
- Dawson, William O., and Sellet. 2,737,464.
- Dawson, William O., and Sellet. 2,737,504.
- Selling, Hendrik J., and C. Bok, to Novirbas N. V. Device  
 for decorticating bast fiber material. 2,738,552, 3-20-56,  
 Cl. 19-23.
- Sello, Harry, to Shell Development Co. Recovering tertiary-  
 alkyl substituted benzoic acid. 2,771,488, 11-20-56, Cl.  
 280-175.
- Sellstrom, Lawrence T., to Knudsen Creamery Co. of Cal-  
 ifornia. Self-refrigerated highway truck. 2,746,267,  
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- Sellstrom, Lawrence T., to Knudsen Creamery Co. of Cal-  
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- Sellstrom Mfg. Co.: See—
- Anderson, Marshall N. 2,729,316.
- Anderson, Marshall N. 2,729,820.
- Selman, Roland W.: See—
- Johnson, Carl A., Murphy, and Selman. 2,737,129.
- Selman, Roland W., Jr., and M. K. Landcraft, to De-Raef  
 Corp. Bread-making composition. 2,736,654, 2-28-56, Cl.  
 31-81.
- Selman, Victor. Gage cap. 2,730,809, 1-17-56, Cl. 33-178.
- Selsted, Walter T., to Ampex Corp. Magnetic tape apparatus  
 and tape driving means therefor. 2,747,025, 5-22-56, Cl.  
 179-100.2.
- Selved, Walter T., to Ampex Electric Corp. Multiple head  
 for magnetic recording and reproduction. 2,769,036,  
 10-30-56, Cl. 179-100.2.
- Seltzer, Edward, and F. Saporito, to Thomas J. Lipton Inc.  
 Dryer for granular material. 2,740,204, 4-3-56, Cl.  
 34-88.
- Seltzer, Kenneth P.: See—
- Cole, Harvey M., Secord, Seltzer, and Wendell. 2,763,602.
- Seltzer, Robert E., to The American Baler Co. Rotary cut-off  
 head. 2,763,297, 9-18-56, Cl. 140-83.
- Seltzer, Robert E., to The American Baler Co. Automatic  
 baler and banding mechanism therefor. 2,768,574,  
 10-30-56, Cl. 100-21.
- Seltzer, Robert W. Hose clamp. 2,750,645, 6-19-56, Cl.  
 24-279.
- Seltzer, William, to Vineland Poultry Laboratories. The  
 method of controlling the sex of avian embryo, improving  
 embryo hatchability and improving viability of the hatched  
 chick. 2,734,482, 2-14-56, Cl. 119-1.
- Seltzman, Benjamin H. Racing game. 2,751,227, 6-19-56,  
 Cl. 34-88.
- Selvaige, Blaine G. Combined wheelbarrow and mixer.  
 2,744,735, 5-8-56, Cl. 259-171.
- Selvaigro, Guillaume F., and P. C. Ringenbach. Shaper.  
 2,750,352, 6-19-56, Cl. 90-24.
- Selzer, Andrew H., E. G. Berry, and R. E. Williams, to B. F.  
 Gump Co. Roasting devices. 2,746,736, 5-22-56, Cl.  
 263-33.
- Selzer, Andrew H., E. G. Berry, and R. E. Williams, to B. F.  
 Gump Co. Roasting method. 2,746,865, 5-22-56, Cl.  
 99-48.
- Selzer, John, to International Harvester Co. Plow. 2,769,384,  
 11-6-56, Cl. 97-46.21.
- Sem, Mathias O., to Elektrokemisk A/S. Process of charging  
 the materials. 2,769,705, 11-5-56, Cl. 75-10.
- Sem, Mathias O., and J. Sejersted, to Elektrokemisk A/S.  
 Method of collecting gases from aluminum furnaces.  
 2,731,407, 1-17-56, Cl. 204-67.
- Semar, Claud S., to General Motors Corp. Seat construction.  
 2,737,229, 3-8-56, Cl. 155-14.
- Semenegh, Stephen T., to The B. F. Goodrich Co. Method of  
 making golf balls. 2,730,159, 1-10-56, Cl. 154-17.
- Semelka, Michael H. Door latch. 2,772,106, 11-27-56, Cl.  
 292-186.
- Semnor, Serge, and M. A. Dolliver, to Olin Mathieson Chem-  
 ical Corp. Process of preparing thiourea complexes.  
 2,745,826, 5-15-56, Cl. 260-96.5.
- Semnitz, Edward F.: See—
- Zinamon, Martin, Semnitz, and Levin. 2,769,584.
- Sennelmann, Charles L., to Bell Telephone Laboratories, Inc.  
 Nonreciprocal transmitting devices. 2,774,890, 12-18-56,  
 Cl. 307-149.
- Semon, Albert L. Means to releasably mount screens in the  
 opposite end portions of tubular dehydrators. 2,751,999,  
 5-26-56, Cl. 159-4.8.
- Seneca Mfg. Co. The: See—
- Moloney, Paul S., and Verga. 2,745,691.
- Seneca Falls Machine Co.: See—
- Dinsmore, Arthur S., and Smith. 2,739,717.
- Dinsmore, Arthur S., and Smith. 2,739,717.
- Senecker, Eldred. Fishing plug. 2,743,545, 5-1-56, Cl.  
 43-42.48.
- Seney, John S., to E. I. du Pont de Nemours and Co. Appa-  
 ratus for continuously determining mass per unit length.  
 2,744,408, 5-8-56, Cl. 73-67.
- Seney, John S., to E. I. du Pont de Nemours and Co. Speed  
 and synchronizing control by magnetic clutch. 2,759,115,  
 5-14-56, Cl. 310-95.
- Seney, John S., to E. I. du Pont de Nemours and Co. Yarn  
 tensiometer. 2,767,576, 10-23-56, Cl. 73-144.
- Senfleben, Paul W.: See—
- Quinn, Edward, Senfleben, and Stacey. 2,759,204.
- Senfleben, Paul W., and C. B. Noonan, to United Shoe Ma-  
 chinery Corp. Stitchdown lasting machines. 2,763,016,  
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- Seng Co., The: See—
- Fox, Martin. 2,740,133.
- Sengebusch, Hans, to Automatic Electric Laboratories, Inc.  
 Telephone paystation mechanism. 2,735,891, 2-21-56, Cl.  
 179-6.3.
- Sengebusch, Hans, to Automatic Electric Laboratories, Inc.  
 Stepping device. 2,739,483, 3-27-56, Cl. 74-111.



- Sengebusch, Hans, to Automatic Electric Laboratories, Inc. Air-positing relays. 2,762,866, 9-1-56, Cl. 179-27.52.
- Sengebusch, Hans, to Automatic Electric Laboratories, Inc. Bank assemblies for dat type switches. 2,767,352, 10-16-56, Cl. 317-112.
- Senior, John H., and J. W. Powischill, to Proctor & Schwartz, Inc. Apparatus and method for distributing fibrous and like materials upon a blending surface. 2,737,691, 3-13-56, Cl. 19-146.
- Senk, Leslie R. Combined batter board and scaffold. 2,758,379, 8-14-56, Cl. 33-85.
- Senkbeil, Herman O.: *See—*
- Brust, Harry F., and Senkbeil. 2,734,075.
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- Senkewich, Alexander M., and N. K. Setchkarew. Impact steering safety device for vehicles. 2,737,255, 3-6-56, Cl. 180-83.
- Senkowski, Alexander: *See—*
- Ferguson, Henry G., Senkowski, and Harrow. 2,735,416.
- Senkowski, Alexander, and J. Belkowski, to Massey-Harris-Ferguson Inc. Rigidifying support for axle mounting extension. 2,741,823, 4-10-56, Cl. 180-88.
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- Senkowski, Alexander, and F. D. Cooper, to Massey-Harris-Ferguson (Sales) Ltd. Tractor body gearing compartment arrangement for gearing and lubricating oil supply. 2,775,308, 12-25-56, Cl. 180-54.
- Senkowski, Walter T. Solids sampling apparatus. 2,738,679, 3-20-56, Cl. 73-423.
- Senkus, Murray, to Daubert Chemical Co. Composition and sheet material for inhibition of corrosion of metals. 2,739,870, 3-27-56, Cl. 21-2-5.
- Senkus, Murray, to Daubert Chemical Co. Composition and sheet material for inhibition of corrosion of metals. 2,739,871, 3-27-56, Cl. 21-2-5.
- Senkus, Murray, to Daubert Chemical Co. Composition and sheet material for inhibition of corrosion of metals. 2,739,872, 3-27-56, Cl. 21-2-5.
- Senn, Jurg, to Caterpillar Inc. Multiple aneroid capsule. 2,729,243, 1-3-56, Cl. 137-787.
- Senn, Jurg A., to Kearney & Trecker Corp. Machine tool positioning mechanism. 2,748,665, 6-5-56, Cl. 90-21.
- Senn, Otto: *See—*
- Sennello, Joseph J.: *See—*
- Glown, Lawrence F., and Sennello. 2,755,762.
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- Senner, Jonas G. Animal traps. 2,754,619, 7-17-56, Cl. 43-86.
- Serget, Edith L.: *See—*
- Levkoff, David. 2,750,098.
- Levkoff, David. 2,755,012.
- Sensenig, Miles L., to Sperry Rand Corp. Expandible and contractible welding jig. 2,734,120, 2-7-56, Cl. 219-17.
- Sentinel of Safety, Inc.: *See—*
- Rike, Howard A. 2,755,359.
- Senzani, Iro. Feeding apparatus. 2,732,163, 1-24-56, Cl. 249-2.
- Sepavich, Victor F.: *See—*
- Larala, Artemio, and Sepavich. 2,766,781.
- Sep: *See—*
- Hardy, René. 2,761,011.
- Sequin, Hector. Condiment dispenser. 2,743,041, 4-24-56, Cl. 222-142.8.
- Seragnoli, Ariosto. Stacking mechanism for wrapped articles. 2,744,399, 5-8-56, Cl. 53-159.
- Serduke, James T., to The United States of America as represented by the United States Atomic Energy Commission. Reactor circulating system. 2,770,590, 11-13-56, Cl. 204-193.
- Serfling, Byron A., and O. K. McCaleb. Adjustable steering post. 2,769,351, 11-6-56, Cl. 714-493.
- Serge, Igor B., to A. L. A. Inc. Dial mechanism. 2,746,419, 5-22-56, Cl. 116-124.1.
- Sergent, Eugene. Receptacle for dish-mop, cleaning brush and any handle-carrying articles. 2,757,787, 8-7-56, Cl. 206-1.
- Servovic, John A., to The Burns & Russell Co. of Baltimore. Masonry block having an integral molded facing face, a method of making same. 2,751,775, 6-28-56, Cl. 72-35.
- Serna, Alex. Non-commutating non-unipolar direct current generator. 2,742,584, 4-17-56, Cl. 310-177.
- Sernaker, Charles. Pawl and ratchet wheel. 2,732,730, 3-13-56, Cl. 74-577.
- Serniuk, George E.: *See—*
- Young, David W., Serniuk, and Cottle. 2,745,726.
- Serniuk, George E., to Esso Research and Engineering Co. Process for polymerizing olefins. 2,766,312, 10-9-56, Cl. 260-683.15.
- Serniuk, George E., and L. M. Welch, to Esso Research and Engineering Co. Thermosetting resins. 2,731,450, 1-17-56, Cl. 260-80.7.
- Seroko, Andrew. Dispensing containers. 2,733,843, 2-7-56, Cl. 222-490.
- Serrataco, John R. F. Combined telegraph and telephone system. 2,764,633, 9-25-56, Cl. 179-4.
- Serre, Robert, to Radio Corp. of America. Error avoidance system for information handling machines. 2,730,700, 1-10-56, Cl. 340-213.
- Serrone, Peter J. Paper cutter. 2,732,145, 1-24-56, Cl. 242-55.5.
- Serrus, Mark U.: *See—*
- Rivas, Carlos C. 2,742,283.
- Servais, Omer. Rotary cultivator. 2,742,840, 4-24-56, Cl. 97-40.
- Servel, Inc.: *See—*
- Anderson, Philip P., Jr., and Stubblefield. 2,749,095.
- Berry, Norton B. 2,738,633.
- Dreier, Victor G. 2,743,588.
- Partsch, Earnest W. 2,744,390.
- Ploeger, Clyde E. 2,741,424.
- Shagaloff, Harry C. 2,739,793.
- Spear, Robert K. 2,761,656.
- Stubblefield, Edward M. 2,730,869.
- Stubblefield, Edward M., and Cropper. 2,755,170.
- Whitlow, Eugene P. 2,729,952.
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- Service Metal Fabricators, Inc.: *See—*
- Vani, James, and Malpede. 2,758,392.
- Servis Equipment Co.: *See—*
- Collins, Johnnie C. 2,732,786.
- Collins, Johnnie C. 2,740,214.
- Collins, Johnnie C. 2,764,111.
- Serv-Kraft, Inc.: *See—*
- Timms, Ross L., and Sigo. 2,754,144.
- Servo Corp. of America: *See—*
- Hansel, Paul G. 2,749,442.
- Hansel, Paul G. 2,749,515.
- Wiley, Frank G. 2,739,865.
- Wormser, Eric M. 2,761,072.
- Servomechanisms, Inc.: *See—*
- Azapatian, Victor, and Worthing. 2,747,149.
- Muller, Wolf F. 2,737,624.
- Shannon, William W., and Roters. 2,758,288.
- Sessions, Lech W., to G. M. Eames. Train actuated railroad switch. 2,743,703, 5-8-56, Cl. 246-338.
- Sessions, Rollie H. Two-piece television picture tube. 2,744,207, 5-1-56, Cl. 313-2.
- Setchfield, John B.: *See—*
- Levin, Leonid, Pethick, and Setchfield. 2,737,634.
- Setchfield, John B., to International Standard Electric Corp. Arrangement for measuring the power transmitted through an electromagnetic waveguide. 2,744,239, 5-1-56, Cl. 324-95.
- Setchfield, John C. Cake cutter and server. 2,759,261, 8-21-56, Cl. 30-118.
- Setka, Raymond P.: *See—*
- Dopp, Carl A., and Setka. 2,763,287.
- Setschakew, Nikolai K.: *See—*
- Senkewich, Alexander M., and Setchkarew. 2,737,255.
- Setser, Herschel A.: *See—*
- Cado, Erwin D., Buskirk, and Setser. 2,733,757.
- Settenger, Roy T., and D. M. Miller; said Miller assor. to said Settenger. Liquid dispensing apparatus. 2,734,661, 2-14-56, Cl. 222-16.
- Settiner, Thomas J., Sr., to Shapiro & Son Curtain Corp. Universal turning machines. 2,770,205, 11-13-56, Cl. 112-79.
- Setz, Henry L., and B. E. Toms, to Ford Motor Co. Torsion bar front suspension. 2,763,495, 9-18-56, Cl. 280-124.
- Setzler, William E.: *See—*
- Leistner, William E., and Setzler. 2,752,325.
- Seulen, Gerhard, and H. Kuhlbars, to Deutsche Edelstahlwerke Aktiengesellschaft. Induction heating apparatus. 2,743,345, 4-24-56, Cl. 219-10.43.
- Sauborn, Anton. Adjustable shoe. 2,734,284, 2-14-56, Cl. 36-25.
- Savick, John G., to Burton-Dixie Corp. Bed bench. 2,765,479, 10-9-56, Cl. 5-332.
- Saverini, Goffredo. Apparatus for the production of yarn cheeses. 2,773,652, 12-11-56, Cl. 242-45.
- Savern Engineering Co., Inc.: *See—*
- Gross, Martin R. 2,738,460.
- Seyers, Edward T., and A. C. Frechtling, to Union Carbide and Carbon Corp. Composition comprising a gelling agent and a dispersion of a vinyl resin in a plasticizer. 2,753,314, 7-8-56, Cl. 260-23.
- Severson, Wayne A., and T. J. Brice, to Minnesota Mining & Mfg. Co. Process of making fluorocarbon carbonyl fluorides. 2,765,326, 12-11-56, Cl. 280-46.
- Sevetz, Edward B., Sr., to Hampden Brass and Aluminum Co. Tilting band saw machine. 2,744,547, 5-8-56, Cl. 143-24.
- Sévin, Paul E.: *See—*
- Salle, René, Sévin, and Mottais. 2,775,123.
- Servin, Paul, to Societe Nationale de Constructions Aéronautiques du Sudouest (S. N. C. A. S. O.). Air refrigeration system, in particular for aircraft cockpits. 2,755,638, 7-24-56, Cl. 62-136.
- Seward, Herman L. Vacuum and fluid traps for oil wells. 2,731,921, 1-24-56, Cl. 103-229.
- Seward, Paul H., to General Motors Corp. Wheel slip control. 2,735,972, 2-21-56, Cl. 318-52.
- Seward, Paul H., to General Motors Corp. Dynamic braking control. 2,751,537, 6-19-56, Cl. 318-88.

- Sewell, Ben W.: *See*—  
Blood, Robert H., and Sewell. 2,745,496.
- Sewell, Ben W., to Esso Research and Engineering Co. Apparatus for logging well cuttings during drilling. 2,740,292, 3-3-56, Cl. 73-159.
- Sewell, Ben W., and J. M. Camp, to Esso Research and Engineering Co. Portable shot hole drill. 2,754,085, 7-10-56, Cl. 255-22.
- Sewell, Frederick R., to Percy Jones (Twinlock) Ltd. Loose joint filing trays or binders. 2,770,238, 11-13-56, Cl. 129-16.
- Sewell, Walter W., and R. W. Wilson, to Ford Motor Co. Crate loading mechanism. 2,744,642, 5-8-56, Cl. 214-313.
- Severage Commission of the City of Milwaukee: *See*—  
Miner, Carl S., Jr., and Wolnak. 2,739,064.
- Sew-Mation Inc.: *See*—  
Winberg, Ragnar W. 2,741,197.
- Sexe, Carol G. Primary battery. 2,740,822, 4-3-56, Cl. 136-133.
- Sexe, Carol G., and D. C. Oakley, to Ray-O-Vac Co. Primary battery. 2,740,823, 4-3-56, Cl. 136-133.
- Sexton, Earl T., Jr.: *See*—  
Redmon, Charles L., and Sexton. 2,750,026.
- Sexton, John R. Display mounting for spoons. 2,733,631, 2-21-56, Cl. 242-139.
- Seybert, Guy W. Polish rod holder. 2,768,417, 10-30-56, Cl. 24-249.
- Seybold, Frederick W. Automatic transmission. 2,737,827, 3-13-56, Cl. 74-677.
- Seybold, Frederick W. Automatic transmission. 2,737,828, 3-13-56, Cl. 74-677.
- Seybold, Frederick W. Transmission. 2,745,296, 5-15-56, Cl. 74-677.
- Seybold, Frederick W. Automatic transmission. 2,763,163, 9-18-56, Cl. 74-677.
- Seybold, Frederick W. Automatic transmission. 2,768,537, 10-30-56, Cl. 74-677.
- Seybold, Frederick W., to E. P. Lawson Co., Inc. Back gauge-planetary gear-brake disconnect for hydraulic drive. 2,770,301, 11-13-56, Cl. 164-59.
- Seybold, Frederick W., and N. Herman, to E. P. Lawson Co., Inc. Automatic back gauge spacer. 2,737,158, 3-6-56, Cl. 121-45.
- Seybold, René. Electric bellows-operated music instrument. 2,736,223, 2-28-56, Cl. 84-110.
- Seyforth, Rome C. Collapsible lawn cart. 2,767,996, 10-23-56, Cl. 280-40.
- Seyfried, Arthur W., to Scovill Mfg. Co. Flexible coupling means for separable shafts. 2,755,900, 7-24-56, Cl. 192-85.
- Seyfried, Arthur W., to Scovill Mfg. Co. Agitator and cutter unit for disintegrating food mixers. 2,771,111, 11-20-56, Cl. 146-68.
- Seyfried, Arthur W., to Scovill Mfg. Co. Handle mounting for motor driven power unit. 2,773,997, 12-11-56, Cl. 310-50.
- Seyfried, Wilson D., to Esso Research and Engineering Co. Removing diolefins from petroleum fractions by forming codimers with cyclic diolefins and distilling. 2,752,406, 6-26-56, Cl. 260-681.5.
- Seyfried, Wilson D., to Esso Research and Engineering Co. Process for removing sulfur from a liquefiable hydrocarbon of less than six carbon atoms. 2,765,914, 10-9-56, Cl. 210-125.
- Seyfried, Wilson D., to Esso Research and Engineering Co. Process for removing metals from crude oils and then hydrodesulfurizing the crude oils. 2,772,212, 11-27-56, Cl. 196-28.
- Seyler, Jay K.: *See*—  
Wheeler, Edith W., Seyler, and Van Campen. 2,772,268.
- Seymour, Charles E. Centralized load control systems. 2,745,991, 5-15-56, Cl. 317-142.
- Seymour, Dexter C., to United States Rubber Co. Polymerization of vinyl chloride with ethyl bromomalonate modifier. 2,764,679, 9-25-56, Cl. 260-92.8.
- Seymour, Edward H. Hermetically sealed spray packages and needle valves therefor. 2,748,984, 6-5-56, Cl. 222-148.
- Seymour, Edward H. Spray package equipped with a self-cleaning valve. 2,748,985, 6-5-56, Cl. 222-148.
- Seymour, George W.: *See*—  
Ward, George C., Porter, and Seymour. 2,741,533.
- Seymour, Hale D., to A. O. Smith Corp. Method and apparatus for the disposal of waste sulphite liquor. 2,755,749, 7-24-56, Cl. 10-7.
- Seymour, Malcolm, to The General Tire & Rubber Co. Method of making wall covering. 2,759,866, 8-21-56, Cl. 154-138.
- Seymour, Malcolm, to The General Tire & Rubber Co. Combined pressing, creasing, and cutting tool for semi-flexible material. 2,770,879, 11-20-56, Cl. 30-293.
- Seymour Mfg. Co.: *See*—  
Hart, Claude W. 2,735,712.
- Seymour, Raymond B., to The Atlas Mineral Products Co. of Pennsylvania. Corrosion resistant structure. 2,771,985, 11-27-56, Cl. 204-2.
- Seymour, Thomas D.: *See*—  
Sackett, Edward B., and Seymour. 2,738,707.
- Seymour Tool & Engineering Co., Inc.: *See*—  
Pruitt, Rodman C. 2,766,537.
- Seymour, William D. Collapsible partition construction. 2,742,084, 4-17-56, Cl. 160-84.
- Seymour, William D., 25% to T. F. Riley and 25% to H. J. Ross. Door with vertical louvers. 2,768,680, 10-30-56, Cl. 160-172.
- Seymour, William H.: *See*—  
O'Flynn, Denis J., and Seymour. 2,764,483.
- Sferazza, Peter J., to Sperry Rand Corp. Microwave radio frequency converter systems. 2,745,060, 5-8-56, Cl. 324-58.
- Sfortunato, Theodore: *See*—  
Conors, William M., and Sfortunato. 2,773,002.
- Shabaker, Hubert A., to Houdry Process Corp. System for contacting solids and liquids. 2,731,424, 1-17-56, Cl. 252-450.
- Shabaker, Hubert A., to Houdry Process Corp. Method of leaching iron sulfide from clays and minerals. 2,754,273, 7-10-56, Cl. 252-450.
- Shabaker, Hubert A., to Houdry Process Corp. Solids withdrawal unit. 2,769,694, 11-6-56, Cl. 23-284.
- Shackleski, Anthony. Guarded mine lamp. 2,740,884, 4-3-56, Cl. 240-10.
- Shackelford, Jesse J., to Fairmont Box Co. Electro-mechanical valve control mechanism. 2,774,338, 12-18-56, Cl. 121-45.
- Shackelford, Lonnie E. Fish lure. 2,772,507, 12-4-56, Cl. 43-26.2.
- Shackelford, Raymond H.: *See*—  
Johnson, Robert H., and Shackelford. 2,745,250.
- Shackleton, William: *See*—  
Henderson, Cecil F., and Shackleton. 2,771,221.
- Shadbolt, Charles L., to Hughes Aircraft Co. Variable frequency pulse generator. 2,775,695, 12-25-56, Cl. 250-27.
- Shadd, Daniel: *See*—  
Dunham, Ray H., Richter, Shadd, McMillan, and Trickle. 2,768,105.
- Dittmore, Ray H., Richter, Shadd, McMillan, and Trickle. 2,771,540.
- Shadden, Tom C. Ground-clearing attachment for tractors. 2,724,637, 10-2-56, Cl. 37-2.
- Shadd, Hollum B. Meat grinding attachment. 2,752,629, 7-3-56, Cl. 17-32.
- Shadd, Hollum B. Method of preparing a meat product. 2,771,866, 11-20-56, Cl. 99-108.
- Shadley, George R.: *See*—  
Martin, William L., and Shadley. 2,739,346.
- Shadoin, George W., and S. Guagliardo. Laundry and clothespin carrier. 2,738,909, 3-20-56, Cl. 224-5.
- Shadowitz, Albert, to International Telephone and Telegraph Corp. Frequency modulated oscillator system. 2,749,518, 6-5-56, Cl. 332-28.
- Shafer, Archie C., Jr.: *See*—  
Thorvaldson, Bjorn. 2,763,491.
- Shafer, Carlson M., to The Stone Creek Brick Co. Brick saw, carrying and display case. 2,748,499, 6-5-56, Cl. 35-53.
- Shafer, Homer J., to Mansfield Development, Inc. Operating mechanism for high pressure valves. 2,738,684, 3-20-56, Cl. 74-424.8.
- Shafer, Homer J., to Mansfield Development, Inc. Pressure fluid operator for pipe line valves. 2,738,945, 3-20-56, Cl. 251-14.
- Shafer, James A., to National Malleable and Steel Castings Co. Rubbed railway truck. 2,765,589, 10-30-56, Cl. 105-197.
- Shafer, James A., to National Malleable and Steel Castings Co. Car truck. 2,769,402, 11-6-56, Cl. 105-197.
- Shafer, John P.: *See*—  
Denshile, Lawrence C., and Shafer. 2,771,836.
- Shafer, Joseph R., and A. Waxman, to Hagan Corp. Multiple cam load devices for pressure regulators. 2,770,246, 11-13-56, Cl. 137-85.
- Shafer, Paul W.: *See*—  
Bailey, Donald L., Shafer, and Wagner. 2,732,282.
- Wagner, George H., and Shafer. 2,775,606.
- Shafer, Ray V.: *See*—  
Locke, Lloyd T., and Shafer. 2,749,785.
- Shafer, Russell E.: *See*—  
Cary, John E., Shafer, and Cary. 2,739,470.
- Cary, John E., Shafer, and Cary. 2,745,142.
- Shafer, Stanley I.: *See*—  
Schmidt, Werner H., and Shafer. 2,772,976.
- Shafer, Stanley I., A. R. Gudheim, and V. F. Schmidt, to Lever Brothers Co. Margarine and method of making it. 2,745,750, 5-15-56, Cl. 99-122.
- Shafer, Theodore C.: *See*—  
Longley, Raymond L., Jr., Emerson, and Shafer. 2,747,772.
- Shafer, William M., to The National-U. S. Radiator Co. Method for production of compound iron powders. 2,775,516, 12-25-56, Cl. 75-0.5.
- Shaff, Ernest H., to Gardner-Denver Co. Tool for applying a conductor for a terminal. 2,732,139, 1-24-56, Cl. 242-7.
- Shaff, Ernest H., to Gardner-Denver Co. Torque control means for power operated nut setters and the like. 2,740,507, 4-3-56, Cl. 192-034.
- Shaff, Ernest H., to Gardner-Denver Co. Torque control means for power operated torque wrenches, nut setters and the like. 2,740,508, 4-3-56, Cl. 192-034.
- Shaff, Ernest H., to Gardner-Denver Co. Clutch drive mechanism for portable power operated nut setters and the like. 2,743,635, 5-1-56, Cl. 81-52.4.
- Shaff, Ernest H., to Gardner-Denver Co. Drive mechanism for portable power operated screw drivers and the like. 2,743,636, 5-1-56, Cl. 81-52.4.



- Shaffer, Albert R. Hydraulic safety switch for motor vehicles. 2,752,447, 6-26-56, Cl. 200—82.
- Shaffer, Bernard M., to B. R. Harris. Treatment of liquid egg whites. 2,744,829, 5-8-56, Cl. 99—210.
- Shaffer, Bernard M., to B. L. Sarett. Treatment of eggs. 2,758,933, 8-14-56, Cl. 99—210.
- Shaffer, Bernard M., to B. L. Sarett. Treatment of eggs. 2,758,935, 8-14-56, Cl. 99—210.
- Shaffer, Edward E., to Shaffer Music Co. Built-in sound system for home. 2,753,009, 7-3-56, Cl. 181—31.
- Shaffer, Joseph R. *See—*
- Schmidt, Albert S., and Shaffer. 2,753,907.
- Shaffer Music Co. *See—*
- Shaffer, Edward E. 2,753,009.
- Shaffer, Phillip A., Jr., to Consolidated Electrochemicals Corp. Electrolytic titration apparatus. 2,745,804, 15-56, Cl. 204—195.
- Shaffer Tool Works *See—*
- McKinney, Dwayne B. 2,741,459.
- Schweitzer, Frank J., Jr., and Gibson. 2,760,750.
- Vertson, John A. 2,760,795.
- Wilde, Arthur E. 2,760,751.
- Wilde, Arthur E. 2,764,431.
- Shaffer, Wallace *See—*
- Patton, Bernard J. 2,733,973.
- Shaffer, Walter H. Bell ringing apparatus. 2,754,504, 7-10-56, Cl. 340—398.
- Shafraun, Edward L. Watch crown and method of assembly. 2,726,546, 5-8-56, Cl. 53—88.
- Shagaloff, Harry C., to Servel, Inc. Burner control for air conditioning system. 2,739,793, 3-27-56, Cl. 257—83.
- Shahum, Henri. Extensible bracelet with interchangeable elements. 2,756,560, 7-31-56, Cl. 59—79.
- Shalit, Harold, and S. W. Welser, to Houdry Process Corp. Treatment of hydrocarbons with phosphoric acid amides. 2,758,958, 8-14-56, Cl. 196—1435.
- Shalit, Harold, and A. P. Lien, to Standard Oil Co. Titanium-phosphorus catalyst. 2,722,244, 11-27-56, Cl. 252—437.
- Shalit, Harold, and A. P. Lien, to Standard Oil Co. Oxide-promoted titanium-phosphorus catalyst. 2,773,836, 12-11-56, Cl. 252—437.
- Shallcross Mfg. Co. *See—*
- Buchman, A. Sander, and Erlick. 2,773,332.
- Wakefield, Richard E. B. 2,733,408.
- Shalna, Anna M., and E. J. Electric switch housings. 2,731,559, 3-6-56, Cl. 200—172.
- Shalna, Edward J. *See—*
- Shalna, Anna M., and E. J. 2,737,559.
- Shal-O-Draft Boats, Inc. *See—*
- Daniel, James W. 2,742,013.
- Shalvo, John C., and P. O. Rayson, Jr., to General Electric Co. Mobile vacuum cleaner having a hose adapted to be used as a pushing or pulling means therefor. 2,769,996, 11-13-56, Cl. 15—323.
- Shamis, Sidney S., and A. J. Talamini, Jr., to Allen B. Du Mont Laboratories, Inc. Radar simulator circuit. 2,740,205, Cl. 35—9-4.
- Shamyer, George H., Jr. Disposable paper bibs for infants. 2,760,200, 8-28-56, Cl. 2—49.
- Shanahan, Curtis M., to Container Corporation of America. Can package. 2,738,055, 3-13-56, Cl. 206—45,14.
- Shanahan, Peter T. Ventilator. 2,771,020, 11-20-56, Cl. 98—27.
- Shanahan, William J., to Hazeltine Research, Inc. Frequency-control system. 2,756,337, 7-24-56, Cl. 250—36.
- Shand and Jurs Co. *See—*
- Hosmer, Ellsworth A. 2,748,373.
- Jurs, Peter C. 2,732,857.
- Jurs, Peter C., and Blake. 2,732,856.
- Shand, Stanley G., to Saunders Valve Co. Ltd. Valves. 2,732,170, 1-24-56, Cl. 251—172.
- Shand, Stanley G., to Saunders Valve Co. Ltd. Seat for rotary spherical plug valve. 2,751,185, 6-19-56, Cl. 251—172.
- Shanhouse, William, and E. Daher, to Shanher Equipment Co. Milk carton dispensing machine. 2,765,101, 10-2-56, Cl. 221—14.
- Shanin, Leroy H. *See—*
- Arres, Jay J., and Shanin. 2,730,683.
- Shank, Clifford H., and N. M. Brown, Jr., to The Garrett Corp. Electronic synchronizing system for motors. 2,737,619, 3-6-56, Cl. 318—73.
- Shank, Kenneth P. *See—*
- Rusch, Edward W., Shank, and Malone. 2,766,929.
- Rusch, Edward W., Shank, and Walsh. 2,738,919.
- Shank, Ray, Jr. *See—*
- Nagel, Eric W., Tucker, and Shank. 2,737,943.
- Shanklin, John P., to Collins Radio Co. Suppression of vertically polarized radiation from an omnidirectional range antenna system. 2,760,192, 8-21-56, Cl. 948—727.
- Shanley, Edward S., to Food Machinery and Chemical Corp. Monitoring gas-liquid systems. 2,766,838, 10-16-56, Cl. 181—5.
- Shanley, Edward S., and H. O. Kauffmann, to Food Machinery and Chemical Corp. Method of dyeing peroxide-bleached wool. 2,759,968, 3-27-56, Cl. 8—19.
- Shanley, James J., to National Steel Corp. Apparatus for electroplating. 2,742,417, 4-17-56, Cl. 204—211.
- Shanley, James J., to Air Products, Inc. Liquefied gas pressurizing systems. 2,772,545, 12-4-56, Cl. 62—122.
- Shanley, Walter. Razor blade dispensers. 2,756,548, 7-31-56, Cl. 51—158.
- Shanner Equipment Co. *See—*
- Shanhouse, William, and Daher. 2,765,101.
- Shannon, Edgar F., to The Shannon Ltd. Label carrier for office equipment. 2,736,318, 2-28-56, Cl. 129—16,7.
- Shannon, Frank L. Folding cot. 2,756,441, 7-31-56, Cl. 5—111.
- Shannon, Jack F. *See—*
- Dickey, Paul S., Weaver, Gorrie, and Shannon. 2,729,222.
- Gorrie, Harvard H., and Shannon. 2,737,963.
- Panich, Michael, Shannon, and Dickey. 2,731,023.
- Shannon, Jack F., to Bailey Meter Co. Control systems. 2,743,710, 5-1-56, Cl. 122—451,2.
- Shannon, James F. Plastic molding conversion attachment for reciprocating presses. 2,762,530, 9-11-56, Cl. 222—163.
- Shannon, John K., and R. R. Schmit. Process for casting storage battery straps and terminals. 2,735,148, 2-21-56, Cl. 22—202.
- Shannon, John K., and R. S. Schmit. Storage battery cover. 2,737,542, 3-6-56, Cl. 136—171.
- Shannon, John L., to Watervly Tack Co., Inc. Article feeding. 2,731,131, 1-17-56, Cl. 193—35.
- Shannon Ltd., The *See—*
- Shannon, Edgar F. 2,736,318.
- Shannon, Richard F. *See—*
- Bier, B., Lawrence P., and Shannon. 2,770,840.
- Shannon, William W., and H. C. Roters, to Servomechanisms, Inc. Electromechanical transducer. 2,758,288, 8-7-56, Cl. 336—30.
- Shanok, Abraham, V., and J. Antenna and trim. 2,774,811, 12-18-56, Cl. 174—110.
- Shank, Jesse *See—*
- Shanok, Abraham, V., and J. 2,774,811.
- Shanok, Victor *See—*
- Shanok, Abraham, V., and J. 2,774,811.
- Shansky, Albert *See—*
- Schwartz, Milton H., and Shansky. 2,742,909.
- Shaper, Harry B. Miniature hearing-aid receiver. 2,754,373, 7-10-56, Cl. 179—114.
- Shapin, Henry J. Combined comb and hair cutting device. 2,741,842, 4-17-56, Cl. 30—212.
- Shapiro, Abraham, to Socony Mobil Oil Co., Inc. Method of separating acidic gases from fluid mixtures. 2,768,945, 10-30-56, Cl. 204—72.
- Shapiro, Clarence M. Nursing device. 2,767,871, 10-23-56, Cl. 215—11.
- Shapiro, David H. Adjustable camera-support. 2,771,826, 11-27-56, Cl. 95—86.
- Shapiro, Edward, to Tracerlab, Inc. Source of luminosity. 2,749,251, 6-5-56, Cl. 117—33,5.
- Shapiro, Gustave, R. O. Stone, and R. L. Henry. Screw cutting attachment. 2,754,711, 7-17-56, Cl. 82—5.
- Shapiro, Herbert J. *See—*
- Sheppard, Richard L., Mastache, Shapiro, and Buck. 2,751,812.
- Shapiro, Jacob. Back rest. 2,768,485, 11-6-56, Cl. 155—182.
- Shapiro, Joseph. Collapsible bed frames. 2,768,391, 10-30-56, Cl. 5—202.
- Shapiro, Joseph. Demountable legs. 2,768,392, 10-30-56, Cl. 5—202.
- Shapiro, Justin J., to American Instrument Co., Inc. Interference wedge monochromator. 2,734,991, 2-14-56, Cl. 240—1.
- Shapiro, Louis *See—*
- Shapiro, William B., King, and Shapiro. 2,738,260.
- Shapiro, Sam, to Boeing Airplane Co. Aircraft landing gear. 2,754,072, 7-10-56, Cl. 244—102.
- Shapiro, Samuel. Automatic needle threader for sewing machines. 2,767,671, 10-23-56, Cl. 112—225.
- Shapiro & Son Curtain Corp. *See—*
- Settineri, Thomas J., Sr. 2,770,205.
- Shapiro, Sydney H., and M. R. McCorkle, to Armour and Co. Preparation of tetra-alkyl quaternary ammonium halides. 2,775,617, 12-25-56, Cl. 260—567,6.
- Shapiro, William, to Electrolyte Products Ltd. Handle structure for ash receptacle. 2,728,937, 1-3-56, Cl. 16—110,5.
- Shapiro, Zalman M., and J. McDonald, to the United States of America as represented by the United States Atomic Energy Commission. Apparatus for the production of coatings of purified metals. 2,739,566, 3-27-56, Cl. 118—49.
- Shapp, Milton J., and H. J. Arbeiter, to Jerrold Electronics Corp. 2,774,017, 12-18-56, Cl. 317—24.
- Shappell, Harold M., to Union Carbide and Carbon Corp. Water-soluble phenol-formaldehyde condensation products. 2,748,101, 5-29-56, Cl. 260—60.
- Shappell, Harold M., to Union Carbide and Carbon Corp. Water-soluble phenol-formaldehyde resins. 2,758,101, 8-5-56, Cl. 260—29.
- Shapter, Robert D., to The Murray Corp. of America. Clothes drier. 2,769,246, 11-6-56, Cl. 34—82.
- Sharrar, Herbert P. Pinking attachment for sewing machines. 2,768,685, 10-30-56, Cl. 164—17,5.
- Share, Barnett. Pump driver control. 2,730,953, 1-17-56, Cl. 109—13.
- Share, Jerome R., to Litho-Strip Corp. Method and means of decorating metal strip, by offset printing. 2,772,630, 12-4-56, Cl. 101—228.
- Sharer, Lawrence J. Fishing pole signal attachment. 2,749,991, 11-20-56, Cl. 12—17.
- Sharin, Samuel, A. E. Canfora, A. Liguori, and H. J. Kishi, to Radio Corp. of America. Frequency stable multivibrators. 2,762,917, 9-11-56, Cl. 250—36.
- Sharma, Penumarti Gopal *See—*
- Aggarwal, Joti S., and Sharma. 2,749,247.
- Sharon, Irving M., and W. W. Scher, to said Scher assor. to said Sharon. Motor driven dental scaler. 2,751,685, 6-26-56, Cl. 32—50.

- Sharp, Allen W.: See—  
Barker, Seth S., and Sharp, 2,743,477.
- Sharp, Allen W., to Barker Poultry Equipment Co. Fowl picking machine. 2,759,216, 8-21-56, Cl. 17—11.1.
- Sharp, Allen W., and E. Crane, to Barker Poultry Equipment Co. Poultry shackle. 2,739,347, 8-27-56, Cl. 17—44.1.
- Sharp, Bayard, to Yuba Mfg. Co. Dredge drive. 2,772,577, 12-4-56, Cl. 74—359.
- Sharp, Chester L.: See—  
Fogg, Leo W., and Sharp, 2,765,023.
- Sharp, Donald E.: See—  
Badger, Alfred E., and Sharp, 2,748,007.
- Sharp, Edwin L. Detachable box lock. 2,765,096, 10-2-56, Cl. 220—55.
- Sharp, John C., and L. J. Martinak, to General Electric Co. Dishwashing apparatus with automatic detergent-dispensing means. Re. 24,198, 8-21-56, Cl. 134—56.
- Sharp, John R.: See—  
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Arnot, Alfred E. R. 2,738,087.  
Arnot, Alfred E. R. 2,753,066.  
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- Sharp, John V., to Bausch & Lomb Optical Co. Photogrammetric tracing table. 2,740,318, 4-3-56, Cl. 88—1.
- Sharpe, Edward D.: See—  
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- Sharpe, Frederick P., to Kelsey-Hayes Wheel Co. Transfer mechanism. 2,771,173, 12-20-56, Cl. 198—19.
- Sharpe, Frederick P., to Kelsey-Hayes Wheel Co. Piercing machine. 2,774,426, 12-18-56, Cl. 164—87.
- Sharpe, James M. Collapsible furniture. 2,764,225, 9-25-56, Cl. 155—139.
- Sharpe, Verlos G.: See—  
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Mann, Leonard J., Murphy, and Sharpe, 2,735,274.
- Sharpe, Verlos G., to General Motors Corp. Refrigerator door fastener. 2,764,874, 10-2-56, Cl. 62—4.
- Sharples Corp. 187: See—  
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Payne, Robert E. 2,734,736.  
Sadler, Fred S. 2,737,888.
- Sharples, Edwin H.: See—  
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- Sharpless, Samuel H. Sanding machine for bowling alleys. 2,740,238, 8-2-56, Cl. 51—174.
- Sharps, George J., to P & K Inc. Fish holder. 2,738,562, 3-20-56, Cl. 24—236.
- Sharrah, Marion L.: See—  
Baker, Edwin R., and Sharrah, 2,773,915.
- Sharrah, Marion L., to Oil Co. Method of preparing wax substituted aromatic hydrocarbons by reacting a chlorowax with the aromatic, wherein two gram atoms of chlorine are added per mole of aromatic and the temperature is maintained below 100° C. 2,743,304, 4-24-56, Cl. 20—671.
- Shartle, Ralph W.: See—  
Milster, Arthur N., and Shartle, 2,735,589.
- Sharwen, Theo, to Massey-Harris-Ferguson (Sales) Ltd. Control means for selective operation of valves. 2,770,249, 11-13-56, Cl. 137: See—  
Shataloff, Nicholas S., to Buensod-Stacey, Inc. Air conditioning system. 2,747,842, 5-29-56, Cl. 257—3.
- Shatting, James V.: See—  
Haynes, Herman H., and Shatting, 2,739,393.  
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- Shattuck, Ewart H.: See—  
Rainard, Leo W., and Shattuck, 2,734,251.  
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- Shattuck, Ewart H., to Joseph Bancroft & Sons Co. Crimping apparatus. 2,734,229, 2-14-56, Cl. 19—66.
- Shattuck, Ewart H., to Joseph Bancroft & Sons Co. Crimping apparatus. 2,734,252, 2-14-56, Cl. 28—1.
- Shattuck, Ewart H., to Joseph Bancroft & Sons Co. Crimping and winding apparatus. 2,740,989, 4-10-56, Cl. 19—66.
- Shattuck, Ewart H., to Alexander Smith, Inc. Yarn crimping apparatus. 2,751,661, 6-26-56, Cl. 28—1.
- Shattuck, Ewart H., to Alexander Smith, Inc. Filament crimping apparatus. 2,738,358, 8-14-56, Cl. 28—1.
- Shattuck, Ewart H., to Alexander Smith, Inc. Filament crimping apparatus. 2,760,252, 8-28-56, Cl. 28—1.
- Shaughnessy, Bernard F. Apparatus for purifying water. 2,763,375, 9-18-56, Cl. 210—199.
- Shaver, William R., to Fullins-Standard Car Mfg. Co. Door operating mechanism. 2,736,465, 7-31-56, Cl. 20—22.
- Shaw, Albert E., and R. J. Moon, to L. Bernat, doing business as Physics Research Associates. Device for converting motion into electrical energy. 2,749,392, 6-5-56, Cl. 170—100.41.
- Shaw, Arthur R., and R. J. Kick, to General Motors Corp. Method of forming an interlocking bushing. 2,762,118, 9-11-56, Cl. 29—521.
- Shaw, Bernard: See—  
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- Shaw, Charles S.: See—  
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- Shaw, Clifton L.: See—  
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- Shaw, Edwin L.: See—  
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- Shaw, Edwin L., to The Denison Engineering Co. Supercharged aircraft pump. 2,743,674, 5-1-56, Cl. 103—162.
- Shaw, Edwin L., to The Denison Engineering Co. Axial piston pump. 2,757,612, 8-7-56, Cl. 103—5.
- Shaw, Edwin L., and E. H. Born, to The Denison Engineering Co. Pump compensator. 2,735,374, 2-21-56, Cl. 103—162.
- Shaw, Ernest C. Making oil filter cartridges. 2,731,133, 1-17-56, Cl. 226—18.
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- Shaw, Harold N., and F. E. Frost, to Perfecting Service Co. Side delivery rotary fitting. 2,772,897, 12-4-56, Cl. 285—190.
- Shaw, Harold N. Semiautomatic floating covers for fry kettles. 2,772,026, 12-4-56, Cl. 99—403.
- Shaw, Harold N., to F. E. Frost, to Perfecting Service Co. 12-4-56, Cl. 99—163.
- Shaw, Horace E. Audible shuttlesocks. 2,757,932, 8-7-56, Cl. 273—106.
- Shaw, James A.: See—  
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- Shaw, John B. Ellipse drafting instrument. 2,762,126, 8-11-56, Cl. 51—131.
- Shaw, John B., Jr.: See—  
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- Shaw, Lloyd E., to Columbia Broadcasting System, Inc. d. b. a. Hytron Radio & Electronics Co., a division of Columbia Broadcasting System, Inc. Timing circuit. 2,773,221, 12-4-56, Cl. 317—135.
- Shaw, Louis E. Differential type variable speed device. 2,762,088, 8-20-56, Cl. 74—689.
- Shaw, Lyle F., to Borg-Warner Corp. Refrigerator air temperature control device. 2,765,630, 10-9-56, Cl. 62—4.
- Shaw, Morton R., to Corning Glass Works. Double-glazed cells. 2,749,579, 6-12-56, Cl. 20—56.5.
- Shaw, Ralph M., Jr. Bending machines. 2,754,881, 7-17-56, Cl. 153—40.
- Shaw, Ralph R. Photographic apparatus. 2,735,335, 2-21-56, Cl. 88—24.
- Shaw, Richard A., to Stackbin Corp. Lifting device for storage bins. 2,758,869, 8-14-56, Cl. 294—108.
- Shaw, Richard A., to Stackbin Corp. Platform for storage bins. 2,760,743, 8-28-56, Cl. 248—120.
- Shaw, Richard K., to Borg-Warner Corp. Signal light for a tractor. 2,735,224, 8-11-56, Cl. 219—37.
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- Shawhan, Elbert N., M. J. Relis, and J. Brown. Magnetic and conducting materials detector. 2,744,232, 5-1-56, Cl. 324—3.
- Shawingain Chemicals Ltd.: See—  
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- Shea, Frederick L., Jr., to Great Lakes Carbon Corp. Production of coke from petroleum hydrocarbons. 2,775,549, 12-25-56, Cl. 196—52.



- Shea, Howard W., to Socony Mobil Oil Co., Inc. Method for the transfer of granular solids between zones or vessels. 2,772,224, 11-27-56, Cl. 196-52.
- Shea, James A., to United States Steel Corp. Stopper rod with solid head. 2,736,935, 3-6-56, Cl. 22-85.
- Shea, James J., Sr., to Milton Bradley Co. Desk. 2,752,218, 6-26-56, Cl. 312-255.
- Shea, Joseph L., to The Texas Co. Method of locating a zone of lost circulation. 2,749,444, 6-5-56, Cl. 250-43.5.
- Shea, Lindsey W., J. C. Streb, and G. B. Bole, to The Union Metal Mfg. Co. Side dumping box. 2,741,382, 4-10-56, Cl. 214-317.
- Shea, Lindsey W., and J. C. Streb, to The Union Metal Mfg. Co. Support for a materials handling dump box. 2,765,961, 10-9-56, Cl. 222-185.
- Shea, Lindsey W., and J. C. Streb, to The Union Metal Mfg. Co. Materials handling equipment. 2,772,036, 11-27-56, Cl. 222-457.
- Sheaffer, Helen P.: See—
- Martin, Mildred C., and Sheaffer. 2,748,501.
- Sheaffer, W. A., Co.: See—
- Martin, Lynn P. 2,769,427.
- Sheaffer, W. A., Pen Co.: See—
- Ritter, Joseph L. 2,748,915.
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- Sheard, William B., to The Patent Scaffolding Co., Inc. Foldable end-frames for sectional scaffolding. 2,744,794, 5-8-56, Cl. 304-2.
- Sheard, William G., to General Container Corp. Carton. 2,770,357, 11-13-56, Cl. 206-7.
- Shearer, Hugh T., Jr.: See—
- Bloomburg, Harry E., and Shearer. 2,753,332.
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- Sheehan, John T., and W. A. Lott, to Olin Mathieson Chemical Corp. Preparation of aminoalkyl-esters of penicillin. 2,754,297, 7-10-56, Cl. 260-239.1.
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- Sheldon, Clifford L., to Alco Products, Inc. Method of salvaging pistons. 2,752,668, 7-3-56, Cl. 29-401.
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- Sheeran, Stanley R., to E. I. du Pont de Nemours and Co. Container with diaphragm. 2,751,073, 6-19-56, Cl. 206-46.
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- Miller, Edward E., and Sheets. 2,763,970.
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- Sheldon, Edward E. Infrared sensitive tube. 2,739,244, 3-20-56, Cl. 250-213.
- Sheldon, Edward E. Device for X-ray motion pictures. 2,739,257, 3-20-56, Cl. 313-65.
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 Shell, Ernest F., and H. P. Harle, to General Electric Co. Household refrigerator, 2,758,448, 8-14-56, Cl. 62-99.  
 Shellbarger, Morrest B., Signal device for mailboxes, 2,754,051, 7-10-56, Cl. 232-25.  
 Shelley, James P., to Rohm & Haas Co. Diethylene glycol bis-carbamate-formaldehyde condensates, 2,774,746, 12-18-56, Cl. 260-29.4.  
 Shelley, James P., to Rohm & Haas Co. Coated fibrous products and methods of making them, 2,774,692, 12-18-56, Cl. 117-155.  
 Shelley, John H.: See—  
 Pillsbury, Mary E., and Shelley, 2,753,830.  
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 Braunhaug, Magnus V., and Shelley, 2,745,298.  
 Shellmaker, Inc.: See—  
 Higgins, Donald S., 2,736,265.  
 Shellman, Roy K., to Macclachlan Mfg. Co. Oil well mud pump valve, 2,745,631, 5-15-56, Cl. 251-175.  
 Shelmire, Stanley R., to Scott & Williams, Inc. Knitting machine, 2,773,372, 12-11-56, Cl. 66-140.  
 Shelmut, John M., to A. C. White. Method and apparatus for making electrodeless gaseous discharge letters, 2,765,488, 10-30-56, Cl. 53-12.  
 Shelter, Stanley L.: See—  
 Rix, Edward G., 2,770,990.  
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 Shelton, Harold L., and Retoucher's combination pallet, 2,741,048, 4-10-56, Cl. 41-5.  
 Shelton, Harold L. Line guide means for air brushes, 2,741,222, 4-10-56, Cl. 118-506.  
 Shelton, Harry V.: See—  
 Renken, Harry J., and Shelton, 2,741,915.  
 Shelton, Jack F. Cooling tower, 2,775,310, 12-25-56, Cl. 183-26.  
 Shelton, Malcolm C. Envelope opener, 2,748,478, 6-5-56, Cl. 30-289.  
 Shelton, Russell O., to Phillips Petroleum Co. Aromatic hydrocarbon separation process, 2,754,342, 7-10-56, Cl. 260-674.  
 Shelton Tack Co., The: See—  
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 Shelton, Thayer E. School building, 2,756,584, 7-31-56, Cl. 72-1.  
 Shelton, Winston L., to General Electric Co. Soil extraction means for clothes washers and the like, 2,761,303, 9-4-56, Cl. 68-23.  
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 Shen, Kwan-Ting: See—  
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 Shen, Tzu E.: See—  
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- Shen, Yuln C., and H. D. Adkins, to the United States of America as represented by the Secretary of the Air Force. Hermetically sealed torque transmission system. 2,770,139, 11-13-56, Cl. 74-18.1.
- Shenango Pottery Co., See—
- Jordan, Jacob. 2,741,076.
- Shenk, Eugene R., See—
- Canfora, Arthur E., Liguori, Shenk, and Kishi. 2,744,955.
- Liguori, Anthony, and Shenk. 2,734,943.
- Shenk, Robert H., and P. E. Pontius, to American Flexible Coupling Co. Reversible reduction transmission. 2,771,794, 11-27-56, Cl. 74-764.
- Shenk, Wilbur J., Jr., to The Harshaw Chemical Co. Electrodeposition of nickel. 2,757,133, 7-31-56, Cl. 204-49.
- Shenk, Wilbur J., Jr., to The Harshaw Chemical Co. Polymers of phenyl sulfonamides. 2,766,284, 10-9-56, Cl. 260-556.
- Shenkin, Herbert A. Scraper with replaceable blades of the type used in injector razors. 2,752,679, 7-3-56, Cl. 30-336.
- Shepard, Alvin F., to Hooker Electrochemical Co. Type III phenolic resins and their preparation. 2,732,868, 1-24-56, Cl. 260-53.
- Shepard, Billy R., See—
- Hellar, Martin W., Jr., and Shepard. 2,730,899.
- Hellar, Martin W., Jr., and Shepard. 2,731,835.
- Shepard, Edna R., See—
- Gerzon, Koert, and Shepard. 2,759,977.
- Shepard, Ernest L., to Keyes Fibre Co. Carton. 2,752,084, 6-26-56, Cl. 229-2.5.
- Shepard, Francis H. Jr. Intermittent motion device. 2,774,245, 12-18-56, Cl. 74-84.
- Shepard, George A., and R. C. Avellone, to Republic Steel Corp. Electroplating apparatus. 2,760,929, 8-28-56, Cl. 204-242.
- Shepard, Harwood. Water ski hydrofoil. 2,751,612, 6-26-56, Cl. 9-21.
- Shepard, Orlando J., to Glascock Brothers Mfg. Co. Beverage cooling apparatus. 2,752,763, 7-3-56, Cl. 62-141.
- Shepard, Orson C., and E. P. French, to the United States of America as represented by the United States Atomic Energy Commission. Wetting of heat transfer surfaces with liquefied metal heat transfer media. 2,763,570, 9-18-56, Cl. 117-51.
- Shepardson, Richard F., to Westinghouse Electric Corp. Reversible electric motor for a food waste disposer. 2,762,004, 9-4-56, Cl. 318-207.
- Sheperak, John R. Can opener. 2,766,520, 10-16-56, Cl. 30-10.
- Shepherd, Edmund R., See—
- Poulston, Bernard V., and Shepherd. 2,765,621.
- Shepherd, Charles M., Jr., See—
- Hayman, George C., and Shepherd. 2,740,999.
- Shepherd, Donald W., to Portafilo Ltd. Measuring and delivering apparatus and silos and other containers incorporating such apparatus. 2,749,076, 6-5-56, Cl. 249-2.
- Shepherd, George E., See—
- Spalding, David P., and Shepherd. 2,758,946.
- Shepherd, George R. L., See—
- Anderson, James A., Jr., Shepherd, and Thorpe. 2,768,936.
- Cornell, Hampton G., Manne, Shepherd, and Souby. 2,775,544.
- Shepherd, George R. L., to Esso Research and Engineering Co. Desulfurization of crude oil and crude oil fractions. 2,740,401, 11-20-56, Cl. 196-28.
- Shepherd, Gordon L., to Marian Associates. Grid structure and method of making same. 2,738,438, 3-13-56, Cl. 313-348.
- Shepherd, James E., See—
- White, Gifford E., and Shepherd. 2,737,652.
- Shepherd, Mark, Jr., to Texas Instruments Inc. Signal converter. 2,735,984, 2-21-56, Cl. 332-31.
- Shepherd, Marvin A., to Williams & Harvey Nurseries Co. Tree moving apparatus. 2,773,606, 12-11-56, Cl. 214-3.
- Shepherd, Paul. Pneumatic peck hammer. 2,747,444, 10-26-56, Cl. 15.
- Shepherd, Wilburn O., See—
- Harney, Doran B., and Shepherd. 2,772,863.
- Shepherd, William F., Inc., See—
- Shepherd, William F. 2,738,049.
- Shepherd, William F. 2,738,102.
- Shepherd, William F., to William F. Shepherd, Inc. Vending machine cabinet. 2,738,049, 3-13-56, Cl. 194-1.
- Shepherd, William F., to William F. Shepherd, Inc. Vending machine delivery mechanism. 2,738,102, 3-13-56, Cl. 221-243.
- Shepherd, William F., deceased, by The First National Bank of Cincinnati, Ohio, and L. Wulsin, Jr., executors. Cabinet structure for vending machines. 2,757,060, 7-31-56, Cl. 312-222.
- Shepherdson, William L., 66% to J. E. Meacham. Table leg hinge and latch mechanism. 2,753,235, 7-3-56, Cl. 311-99.
- Shepherdson, William L., 33% to J. E. Meacham and 33% to H. A. Norvill. Article of furniture. 2,753,846, 7-24-56, Cl. 155-196.
- Shepherdson, William L., 66% to J. E. Meacham. Folding chair structure. 2,774,413, 12-18-56, Cl. 155-196.
- Sheppard, Charles B., N. H. Goldich, and M. H. Kraus, to Sperry Rand Corp. Acoustic transducer and damping assembly. 2,736,823, 2-28-56, Cl. 310-8.2.
- Sheppard, Donald, 1/2 to W. Charron. Combination salt and pepper shaker. 2,774,514, 12-18-56, Cl. 222-142.9.
- Sheppard, Edith, See—
- Strick, Frank, and Bohlen. 2,757,043.
- Sheppard, Glenn B., See—
- Garbuny, Max, and Sheppard. 2,760,104.
- Sheppard, Glenn B. and M. Garbuny, to Westinghouse Electric Corp. Resonator. 2,757,814, 7-31-56, Cl. 315-43.
- Sheppard, Herbert J., See—
- Sheppard, Richard L., Mastache, Shapiro, and Buck. 2,761,812.
- Sheppard, J. A. Asparagus harvester. 2,744,582, 5-8-56, Cl. 151-19.
- Sheppard, John C., 1/4 to M. Anglin and E. H. Anglin, and 1/4 to W. Ramos. Ash tray. 2,765,794, 10-9-56, Cl. 131-235.
- Sheppard, Richard H. Plural-way distributing valve. 2,759,240, 1-3-56, Cl. 137-621.
- Sheppard, Richard L., L. J. Mastache, H. J. Shapiro, and D. S. Buck, by judicial decree said H. J. Shapiro name changed to H. J. Sheppard; said Buck assor. to said R. L. Sheppard, Mastache, and H. J. Sheppard. Portable eye-testing equipment. 2,751,812, 6-26-56, Cl. 88-20.
- Sheppard, William L., to Chrysler Corp. Transmission and controls therefor. 2,740,304, 4-3-56, Cl. 74-472.
- Shepstone, Clayton M., See—
- Stott, Ted, and Shepstone. 2,741,512.
- Sher, Fred D., See—
- Kolabaugh, Max G., Sher, and Wismer. 2,772,135.
- Sher, Fred D., to A. C. F. Industries, Inc. Magnetic transducer. 2,761,910, 9-4-56, Cl. 179-100.2.
- Sherbondy, William A. Dispensing device for plastic materials and the like. 2,755,003, 7-17-56, Cl. 222-327.
- Sherborne, John E., to Union Oil Co. of California. Method for increasing production from wells. 2,774,431, 12-18-56, Cl. 166-22.
- Sherborne, John E., and E. R. Atkins, Jr., to Union Oil Co. of California. Potentiometric oil reservoir model. 2,733,005, 1-31-56, Cl. 235-61.
- Sherbrook, Victor A. Single tape sewing rib for insoles. 2,752,588, 6-2-56, Cl. 194-56.
- Sherburne, Philip C., to Grinnell Corp. Sprinkler systems. 2,768,696, 10-30-56, Cl. 169-37.
- Sherley, Joseph M., See—
- Brenner, Abner, and Sherley. 2,765,270.
- Sherman, George T. Rat trap. 2,763,092, 9-18-56, Cl. 43-99.
- Sheridan, Vincent J. Tape dispenser. 2,754,023, 7-10-56, Cl. 216-54.
- Sherk, Fred T., See—
- Koble, Robert A., and Sherk. 2,775,103.
- Sherlowsky, Rudolph. Holder for milk cartons. 2,730,278, 1-10-56, Cl. 224-45.
- Sherman, Carroll J. Engine conditioner. 2,759,804, 8-21-56, Cl. 44-74.
- Sherman, Clarence A. Saw guard. 2,761,477, 9-4-56, Cl. 14-35.
- Sherman, Clarence A., and T. Merritt, to Clinton Machine Co. Metal disintegrating machine. 2,731,538, 1-17-56, Cl. 219-15.
- Sherman, Clarence A., and C. Kalitta, to Detroit Harvester Co. of N. Y., Inc. Power booster for brakes. 2,768,502, 10-20-56, Cl. 60-54.6.
- Sherman, Claudine R. Lipstick refill cartridge. 2,753,991, 7-10-56, Cl. 206-56.
- Sherman, Claudine R., to C. V. Flynn. Lipstick refill cartridge. 2,767,834, 10-23-56, Cl. 206-56.
- Sherman, David A. Vehicle rain visor. 2,743,957, 5-1-56, Cl. 296-95.
- Sherman, Donald W., to A. O. Smith Corp. Railway car brake beam assembly. 2,755,892, 7-24-56, Cl. 188-223.1.
- Sherman, Dora F., to the United States of America as represented by the Secretary of the Navy. Isotropic radiator. 2,761,338, 8-28-56, Cl. 343-781.
- Sherman, Elmer W. Turbine-type engine. 2,744,505, 5-8-56, Cl. 123-15.
- Sherman, Floyd A., to Motor Products Corp. Power operated jack assembly. 2,747,836, 5-29-56, Cl. 254-86.
- Sherman, H. B., Mfg. Co., See—
- Diget, Lewis K., and Doerr. 2,735,473.
- Sherman, Harry. Hooks for drapes. 2,758,645, 8-14-56, Cl. 160-348.
- Sherman, Kenneth C., to General Dynamics Corp. Sweep mechanism for bowling alley. 2,735,681, 2-21-56, Cl. 27-99.
- Sherman-Klove Co., See—
- Rueb, Theodore O. 2,744,432.
- Sherman, Leonard, to Cambridge Chemical Products Co. Diagnostic preparation for the determination of serum bilirubin. 2,737,501, 3-6-56, Cl. 252-408.
- Sherman, Maurice D. Emergency sanding device for automotive vehicles. 2,730,389, 1-10-56, Cl. 291-23.
- Sherman, Roger M., and S. Wong, to W. R. Ames Co. Detachable hydrant. 2,768,642, 10-30-56, Cl. 137-321.
- Sherman, Roger M., and J. R. Mosher, to W. R. Ames Co. Flow control valve. 2,771,904, 11-27-56, Cl. 137-454.2.
- Sherman, Shimen, to Anasco Sales Corp. Andiron terminal object and method for construction of same. 2,753,862, 7-10-56, Cl. 126-298.
- Sherman, Tracy H., to Foster Wheeler Corp. Oil heater. 2,733,692, 2-7-56, Cl. 122-356.
- Sherman, Walter F. Sanding devices for motor vehicles. 2,736,587, 2-28-56, Cl. 291-34.
- Sherman, Willard T. Car lift wheel alignment apparatus. 2,736,104, 2-28-56, Cl. 33-203.12.

- Sherman, William G. Two-way friction clutch. 2,734,605, 2-14-56, Cl. 192-48.
- Sherock, Matthew J., and R. E. Siddens. Bottle cap. 2,745,989, 7-17-56, Cl. 215-46.
- Sherr, Solomon, to General Precision Laboratory Inc. Logarithmic amplifier. 2,774,825, 2-18-56, Cl. 179-171.
- Sherred, John, to Monsanto Chemical Co. Process for the preparation of 2-amino-4,6-diphenoxys-triazine. 2,770,621, 11-13-56, Cl. 260-249.5.
- Sherri, Joseph. Toy aeroplane launching devices. 2,773,329, 12-11-56, Cl. 40-81.
- Sherrick, Paul H., to E. H. Sargent & Co. Method of sample burning for microchemical combustion analysis. 2,743,995, 5-1-56, Cl. 23-230.
- Sherrick, Paul H., and W. G. Schumacher, to E. H. Sargent & Co. Apparatus for burning combustible fuel gases. 2,767,064, 10-16-56, Cl. 23-254.
- Sherriff, Fred, to Clark Equipment Co. Sling attachment for industrial lift trucks. 2,750,060, 6-12-56, Cl. 214-620.
- Sherritt Gordon Mines Ltd. *See* Herrmann, Walter A. O. 740,707.
- Papee, Henry M. 2,740,708.
- Sherrod, Ed C. Flexible denture. 2,770,880, 11-20-56, Cl. 32-2.
- Sherrod, Virgil J. Wire guiding device. 2,746,715, 5-22-56, Cl. 254-134.3.
- Sherwen, Joseph W., to The General Electric Co. Ltd. Vibratory conveyors and the like. 2,746,598, 5-22-56, Cl. 198-220.
- Sherwin, Chalmers W.: *See* Ellsworth, Louis D., and Sherwin. 2,775,757.
- Sherwin, Howard T., to Interstate Equipment Division Yara Engineering Corp. Rope gripping device. 2,752,797, 7-3-56, Cl. 74-230.24.
- Sherwin, Leo H., to United States Steel Corp. Method of and apparatus for determining the microconstituent content of metals. 2,731,878, 1-24-56, Cl. 88-14.
- Sherwin-Williams Co. The: *See* Asbeck, Walter K. 2,751,782.
- Christianson, Conrad J. 2,736,195.
- Grummitt, Oliver J. 2,754,308.
- Grummitt, Oliver J., and Arters. 2,758,102.
- Hazel, Stanley G., and Richards. 2,734,673.
- Ogren, Axel E. 2,737,895.
- Rahr, Frederic H. 2,729,898.
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- Sample, James H., and Sturges. 2,746,942.
- Spelberg, Norman. 2,749,320.
- Taylor, Robert L., and Whitehill. 2,738,339.
- Unger, Maynard B. 2,738,337.
- Weber, Harry M. 2,736,663.
- Weber, Harry M. 2,739,164.
- Willis, Victor M. 2,773,849.
- Willis, Victor M. 2,773,850.
- Sherwood, Adrienne M.: *See* Dalrymple, William P. 2,756,832.
- Dalrymple, William P., Mantle, and Sherwood. 2,746,555.
- Sherwood, Bert J.: *See* Atermann, Joseph S., Freebairn, and Sherwood. 2,752,209.
- Sherwood, Bert J., to North American Aviation, Inc. Electroplating metals. 2,741,586, 4-10-56, Cl. 204-45.
- Sherwood, Bert J., to North American Aviation, Inc. Catalytic screen. 2,750,346, 6-12-56, Cl. 252-438.
- Sherwood, Glenn L.,  $\frac{1}{2}$  to H. L. Johnson, and  $\frac{1}{2}$  to F. J. Thar. Method of producing compression stresses in the edges and substantially reducing the camber of an elongated flexible metal strip. 2,735,474, 2-21-56, Cl. 153-32.
- Sherwood, Glenn L. Blind or like slit or louver assembly and method of assembling. 2,761,185, 9-4-56, Cl. 20-62.
- Sherwood, Henry A.: *See* Dalrymple, William P., Mantle, and Sherwood. 2,746,555.
- Sherwood, Jessie L.: *See* Stelger, Jessie L. 2,749,425.
- Sherwood, John, and L. Winter, to Collins Radio Co. Frequency discriminator. 2,755,442, 7-17-56, Cl. 324-82.
- Sherwood, Marion B. 2,755,442.
- Baltzy, Richard, and Sherwood. 2,755,279.
- Sherwood, Neil H.: *See* Mitchell, George R., and Sherwood. 2,744,099.
- Sherwood, Walter A., to The Farmingdale Corp. Pump. 2,751,849, 9-26-56, Cl. 103-54.
- Sherwood, William B.: *See* Waltz, Victor W. 2,746,062.
- Sheshunoff, Victor.: *See* Whitfield, Marshall G., and Sheshunoff. 2,752,265.
- Whitfield, Marshall G., and Sheshunoff. 2,752,268.
- Shetler, Glenn W., by decree of distribution, M. L. Shetler, to A. Pavlik. Method of and apparatus for producing steel shot and the like. 2,758,360, 8-14-56, Cl. 29-1-22.
- Shetler, Max L.: *See* Kernjack, Anthony A. 2,758,360.
- Shetterly, Karl P.: *See* Wirt, John R., and Shetterly. 2,755,368.
- Shewey, Robert B., and T. Kary. Internal combustion engine distributor. 2,768,339, 10-9-56, Cl. 206-26.
- Shewmaker, Charles A. Printed circuit board and terminal connections. 2,752,580, 6-26-56, Cl. 339-17.
- Shewmon, Ralph K., to General Motors Corp. Method of making a motor end frame. 2,754,579, 7-17-56, Cl. 29-528.
- Shewmon, Ralph K., to General Motors Corp. Motor control device. 2,762,900, 9-11-56, Cl. 219-39.
- Shewmon, Ralph K., to General Motors Corp. Mower with air-cooled electric motor and cutting disc. 2,766,573, 10-16-56, Cl. 56-25.4.
- Shey, Porter M. Wiper cleaner attachment. 2,741,788, 4-17-56, Cl. 15-108.
- Shey, Porter M. Washing attachment for hoses. 2,742,323, 4-17-56, Cl. 299-111.
- Shiah, Chyn D. Hydrocarbon treating process. 2,745,792, 4-17-56, Cl. 196-23.
- Shibata G. Kogyo Kabushiki-Kaisha (Shibata Rubber Industries Ltd.): *See* Mito, Sanai, Takeuchi, and Fukuoka. 2,763,759.
- Shibata, Sunao, to A. Garasu. Automatic packing apparatus for glass sheets. 2,747,353, 5-29-56, Cl. 53-249.
- Shibley, Harry B., Jr. Mower having ledge plate with co-operating wobble plate cutter. 2,772,533, 12-4-56, Cl. 56-252.
- Shibuya, Judo. Mechanical fishing apparatus. 2,741,052, 4-17-56, Cl. 43-25.
- Shideler, Norman T., to Pittsburgh Coke & Chemical Co. Coating compositions and method of coating. 2,752,267, 6-26-56, Cl. 117-79.
- Shidler, Virgil G. Attachment for the production of printers' rules. 2,748,922, 6-3-56, Cl. 199-1.
- Shield, Lansing P.: *See* Just, George A., and Shield. 2,766,049.
- Shields, Albert F., to S & S Corrugated Paper Machinery Co., Inc. Cutting knife-extra range. 2,751,983, 6-26-56, Cl. 184-68.
- Shields, Albert F., to S & S Corrugated Paper Machinery Co., Inc. Partition assembly machine. 2,754,731, 7-17-56, Cl. 93-37.
- Shields, Albert F., to S & S Corrugated Paper Machinery Co., Inc. Partition collapsar. 2,758,521, 8-14-56, Cl. 93-37.
- Shields, Bruce M., to United States Steel Corp. Method of producing sound ingots of fully killed steel in big-end-down molds. 2,737,696, 3-13-56, Cl. 22-215.
- Shields, Walter. Dry cleaning apparatus. 2,729,961, 1-10-56, Cl. 68-18.
- Shields, Darvin D., to The Atlantic Refining Co. Rotary drilling method. 2,738,163, 3-13-56, Cl. 255-1.8.
- Shields, Donald J.: *See* Thompson, John W., and Shields. 2,739,048.
- Thompson, John W., and Shields. 2,739,131.
- Shields, Donald J., J. W. Thompson, and M. B. Knowles, to Eastman Kodak Co. Amino nitriles as metal complexing agents for cracked gasoline. 2,735,218, 2-21-56, Cl. 44-72.
- Shields, James J. Side outlets for bag elevators. 2,744,616, 5-8-56, Cl. 198-127.
- Shields, James R., to Blaw-Knox Co. Lubricated stuffing box. 2,730,386, 1-10-56, Cl. 286-19.
- Shields, John P. Television pattern generator. 2,741,722, 4-10-56, Cl. 315-22.
- Shields, Robert A., to American Car and Foundry Co. Multiple safety valve interlock. 2,737,971, 3-13-56, Cl. 137-322.
- Shields, Robert A., to American Car and Foundry Co. Container. 2,761,741, 9-4-56, Cl. 302-53.
- Shields, Stanley E., P. W. Dewey, and W. A. Shire, Jr., to Standard Oil Co. Continuous carbon-on-catalyst analyzer. 2,753,246, 7-3-56, Cl. 23-230.
- Shields, Walter. Apparatus for sorting tubular glass articles of different internal diameters. 2,734,627, 2-14-56, Cl. 209-88.
- Shields, Wilfred R., 40% to A. Clark. Measuring dispenser for cake mix ingredients. 2,761,588, 9-4-56, Cl. 222-148.
- Shields, William B., Jr.: *See* Day, Stewart T. 2,748,914.
- Day, Stewart T. 2,769,292.
- Shiers, George, to American Instrument Co., Inc. Electrically controlled heating and cooling system. 2,730,336, 1-10-56, Cl. 257-3.
- Shigley, Claire M.: *See* Brooks, William B., and Shigley. 2,735,163.
- Shigley, Harold E., and A. J. Frame. Deburring means. 2,759,293, 8-21-56, Cl. 30-317.
- Shihara, Isao: *See* Nishikawa, Kunio, Shihara, and Shimamoto. 2,759,960.
- Shimabukuro, Leona S.,  $\frac{1}{2}$  to H. Y. W. Kim. Baby stroller protector. 2,735,713, 2-21-56, Cl. 296-78.
- Shimamoto, Ryu: *See* Nishikawa, Kunio, Shihara, and Shimamoto. 2,759,960.
- Shimancaks, William J., to Outboard, Marine & Mfg. Co. Control device for rotative to longitudinal movement. 2,740,331, 4-3-56, Cl. 74-487.
- Shimizu, Gichi. Ankle and heel binder mechanism for skis. 2,764,418, 9-25-56, Cl. 280-1135.
- Shimp, Hans G., to Sun Oil Co. Hydrocarbon conversion. 2,766,188, 10-9-56, Cl. 196-52.
- Shimp, Hans G., to Sun Oil Co. Hydrocarbon conversion. 2,766,189, 10-9-56, Cl. 196-52.
- Shinbane, Edward. Line guide for fishing rod. 2,775,054, 12-25-56, Cl. 43-24.
- Shinberg, Barney. Device for disseminating odors. 2,766,067, 10-9-56, Cl. 299-20.
- Shinn, Byron H.: *See* Hasbrock, Augustus, and Shinn. 2,749,026.
- Shinn, Byron H., to the United States of America as represented by the Secretary of the Air Force. Gasket. 2,729,405, 3-6-56, Cl. 285-24.
- Shinoda, Daniel S. Floral packaging unit. 2,752,035, 6-26-56, Cl. 206-45.14.
- Shiolen, Lewis J., to Erie Resistor Corp. Pack for condensers. 2,757,792, 8-7-56, Cl. 206-65.
- Shionogi & Co., Ltd.: *See* Ochiai, Eiji, and Ikehara. 2,769,810.
- Takamizawa, Akira. 2,775,592.



- Shipe, Paul J.: *See*—  
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- ShIPLEY, Clifford S.: *See*—  
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- ShIPLEY, Dorothy K.: *See*—  
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- ShIPLEY, Earl H.: Method of operating blast furnaces. 2,729,555, 1-3-56, Cl. 75-5.
- ShIPLEY, Earl H., to United States Steel Corp. Process for continuous gaseous reduction of iron ore in a fluidized bed system. 2,752,234, 6-26-56, Cl. 75-26.
- ShIPLEY, Willis E.: *See*—  
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- Shipman, Emanuel F. Protective mask. 2,761,144, 9-4-56, Cl. 2-9.
- Shipman, Frank H., Jr., to Cit-Con Oil Corp. Removal of wax from asphaltic oils. 2,754,250, 7-10-56, Cl. 196-19.
- Shipman, James R.: *See*—  
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- Shipp, Mary H. Dispenser for collapsible tubes that employs a pair of rollers. 2,734,662, 2-14-56, Cl. 222-102.
- Shipp, Mary H. Tumbler holder. 2,734,711, 2-14-56, Cl. 248-313.
- Shire, William A., Jr.: *See*—  
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- Shireman, William D. Traction attachment for vehicle wheels. 2,735,723, 2-21-56, Cl. 301-44.
- Shirley, Frank H., to Westinghouse Air Brake Co. Automatically controlled brake apparatus, including means for manual fail-safe operation. 2,759,570, 8-21-56, Cl. 188-181.
- Shirk, John F., to Perfect Circle Corp. Piston ring. 2,760,835, 8-18-56, Cl. 309-44.
- Shirk, Robert M.: *See*—  
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- Shirk, Robert M., to Houdry Process Corp. Method and apparatus for elevating granular material. 2,762,658, 9-11-56, Cl. 302-53.
- Shirley, Paul S.: *See*—  
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- Shirley, Robert O. Animal trap. 2,741,866, 4-17-56, Cl. 43-69.
- Shirley, Robert O. Automatic animal trap. 2,741,867, 4-17-56, Cl. 43-70.
- Shirvey, Maxine R., and M. R. Adams. Hair bang mold. 2,771,081, 11-20-56, Cl. 132-53.
- Shiu, Thomas B.,  $\frac{1}{2}$  to T. N. Cummings, and  $\frac{1}{2}$  to B. R. Peterson, Jr. Sealable container. 2,761,613, 9-4-56, Cl. 229-64.
- Shivack, Ian M. Binaural recording system. 2,775,460, 12-25-56, Cl. 274-38.
- Shive, William: *See*—  
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- Shive, William, to Research Corp. 5-formyl-5,6,7,8-tetrahydroptericoic acid and amides thereof and method of preparing same. 2,741,808, 4-10-56, Cl. 260-251.5.
- Shively, Edward H., and W. S. Brandberg, to Radio Corp. of America. Antenna feed systems. 2,744,249, 5-1-56, Cl. 343-853.
- Shively, Franklin L. Locking mechanism for folding back rests. 2,732,562, 1-31-56, Cl. 4-112.
- Shively, John J.: *See*—  
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- Shively, Walter E.: *See*—  
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- Shiverdecker, Walter M. Angler's device. 2,761,238, 9-4-56, Cl. 43-43.4.
- Shivers, Paul F., to Robertshaw-Fulton Controls Co. Thermostatic control device. 2,770,699, 11-13-56, Cl. 200-138.
- Shmidt, Albert J., and J. L. Walker, to Esso Research and Engineering Co. Method for hydrolyzing sulfonic acids. 2,747,800, 12-15-56, Cl. 260-668.
- Shmitz, Meyer J., to The Gillette Co. Container for safety razor and blades. 2,735,542, 2-21-56, Cl. 206-16.
- Shnitzler, Meyer J., and R. L. Sinclair, to The Gillette Co. Display rack. 2,735,552, 2-21-56, Cl. 211-49.
- Shnitzler, Meyer J., and E. Ferrara, to The Gillette Co. Safety razor. 2,748,467, 6-5-56, Cl. 30-60.5.
- Shoaf, Floyd R. Hosiery turner and method. 2,760,696, 8-28-56, Cl. 223-42.
- Shoaf, Floyd R. Hosiery evertng apparatus. 2,760,697, 8-28-56, Cl. 223-42.
- Shobe, Henry E., to Phillips Petroleum Co. Fractionation apparatus and apparatus. 2,767,133, 10-16-56, Cl. 202-40.
- Shoberg, Wayne D. Ventilator. 2,755,727, 7-24-56, Cl. 98-19.
- Shobert, Erle I., II, and W. G. Krellner, to Stackpole Carbon Co. High altitude brushes. 2,739,253, 3-20-56, Cl. 310-228.
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- Shockey Corp.: *See*—  
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- Shockey, Quentin O., to General Motors Corp. Electrodeposition of tin-antimony-copper alloys. 2,744,063, 5-1-56, Cl. 204-44.
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- Shockley, William, to Bell Telephone Laboratories, Inc. Method of making semi-conductor crystals. 2,730,470, 1-10-56, Cl. 148-1.5.
- Shockley, William, to Bell Telephone Laboratories, Inc. Semiconductor signal translating devices. 2,744,970, 5-8-56, Cl. 179-171.
- Shockley, William, to Bell Telephone Laboratories, Inc. Semiconductor signal translating devices. 2,756,285, 7-24-56, Cl. 179-171.
- Shockley, William, to Bell Telephone Laboratories, Inc. Frequency selective semiconductor circuit elements. 2,761,020, 8-28-56, Cl. 179-171.
- Shockley, William, to Bell Telephone Laboratories, Inc. Semiconductor circuit controlling device. 2,763,832, 9-18-56, Cl. 323-94.
- Shockley, William, to Bell Telephone Laboratories, Inc. Semiconductor signal translating devices. 2,764,642, 9-25-56, Cl. 179-171.
- Shockley, William, to Bell Telephone Laboratories, Inc. Negative resistance device. 2,772,360, 11-27-56, Cl. 250-38.
- Shoe Patents Corp.: *See*—  
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- Shoemaker, Austin D. Tree pruners. 2,753,630, 7-10-56, Cl. 30-249.
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- Shoemaker, Clarence J., and E. J. Izler, to A. B. Dick Co. Method of making a copy sheet and resultant article. 2,749,253, 6-5-56, Cl. 117-36.
- Shoemaker, Clarence J., and M. A. Griebel, to A. B. Dick Co. Masters for planographic printing. 2,764,085, 9-25-56, Cl. 101-149.2.
- Shoemaker, J. H.: *See*—  
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- Shoenberger, Louis K., to Jones & Laughlin Steel Corp. Non-aging steel. 2,768,892, 10-30-56, Cl. 75-124.
- Shoener, Le Roy A.: *See*—  
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- Shonfeld, Harold. Holder for sheets, cards, films or the like. 2,760,288, 8-18-56, Cl. 40-30.
- Shogan, Arnold. Outboard motor repositioning means. 2,748,743, 6-5-56, Cl. 115-18.
- Shokal, Edward C., to Shell Development Co. Polyepoxides reacted with a phosphonic acid. 2,732,367, 1-24-56, Cl. 260-47.
- Shokal, Edward C., to Shell Development Co. Process for curing polyepoxides and resulting products. 2,768,153, 10-23-56, Cl. 260-47.
- Sholl, Russell W. Testing device for observing force effects on optical instruments. 2,737,077, 3-6-56, Cl. 88-14.
- Sholle, Roger W., to Gregory Industries, Inc. Electrical arc welding. 2,761,955, 9-4-56, Cl. 219-127.
- Sholle, Roger W., to Gregory Industries, Inc. Electrical arc welding and tool therefor. 2,761,957, 9-4-56, Cl. 219-130.
- Shomphe, George J., to Sanders Associates, Inc. Electric blower. 2,772,046, 11-27-56, Cl. 230-117.
- Shone, Samuel M. Hobby horse. 2,756,051, 7-24-56, Cl. 272-53.1.
- Shone, Samuel M. Collapsible baby stroller. 2,758,847, 8-14-56, Cl. 280-36.
- Shonka, Francis R., to the United States of America as represented by the United States Atomic Energy Commission. Measuring device and apparatus. 2,736,818, 2-28-56, Cl. 250-83.6.
- Shontz, L. Allan, Jr.: *See*—  
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- Shontz, Loran A., Jr.: *See*—  
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- Shore, Charles, to Falco Products Co. Leg and brace construction for folding table with drop leaves. 2,743,978, 5-1-56, Cl. 311-90.
- Shore, Charles, to Falco Products Co. Frame construction for light-weight table. 2,743,979, 5-1-56, Cl. 311-105.
- Shore, Charles, and M. Collapsible clothesline dryer. 2,747,749, 5-29-56, Cl. 211-178.
- Shore, Morton: *See*—  
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- Shore, Sidney K.: *See*—  
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- Shore, Vernon W. Apparatus for effecting tests for pullorum and the like. 2,755,173, 7-17-56, Cl. 23-253.
- Shore, William E., to H. S. Forsberg. Mechanical movement. 2,736,203, 2-28-56, Cl. 74-52.
- Short, Brooks H.: *See*—  
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- Dyer, John W., Flatt, and Short. 2,744,282.
- Short, Brooks H., to General Motors Corp. Ignition system. 2,748,319, 5-29-56, Cl. 315-213.
- Short, Brooks H., and G. B. Shaw, to General Motors Corp. Temperature responsive switch. 2,751,464, 6-19-56, Cl. 200-138.
- Short, Brooks H., and G. B. Shaw, to General Motors Corp. Temperature responsive switch. 2,759,066, 8-14-56, Cl. 200-138.
- Short, Brooks H., and J. H. Flatt, to General Motors Corp. Windshield wiper actuating mechanism. 2,761,537, 9-4-56, Cl. 192-22.
- Short, Brooks H., and C. E. Buck, to General Motors Corp. Ignition coil. 2,762,019, 9-4-56, Cl. 336-92.

- Short, Charles R., and G. P. Brouillette, to Florida Industrial Laboratory, Inc. Mechanical movement. 2,771,785, 11-27-56, Cl. 74-166.
- Short, Edward. Burglar alarms for windows, doors and other openings. 2,760,460, 8-28-56, Cl. 116-113.
- Short, Franklin W., See—
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- Eislager, Edward F., Short, and Sullivan. 2,774,064.
- Short, George A., and M. Shuler. Gas fired incinerators. 2,752,870, 7-3-56, Cl. 110-18.
- Short, Herbert M., to Aluminum Co. of America. Radiant heat gas burner. 2,759,473, 8-21-56, Cl. 126-91.
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- Mochel, Norman L., and Short. 2,756,607.
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- Short, Oliver A., to E. I. du Pont de Nemours and Co. Silver conductors. 2,758,267, 8-7-56, Cl. 317-242.
- Short, Philip J., to S. S. S. Gears Ltd. Synchronizing coupling devices. 2,733,791, 2-7-56, Cl. 192-18.
- Short, Philip J., to S. S. S. Gears Ltd. Synchronizing ratio-selecting couplings of change-speed gearing. 2,761,325, 9-4-56, Cl. 74-339.
- Shortell, William H., to Millers Falls Co. Glass cutting tool. 2,735,228, 2-21-56, Cl. 49-52.
- Shortland, Arthur, to Mellor Bromley & Co. Ltd. Cam system of knitting machines. 2,756,574, 7-31-56, Cl. 66-25.
- Shortland, Arthur, to Mellor Bromley & Co. Ltd. Circular rib knitting machine. 2,775,107, 12-25-56, Cl. 66-27.
- Shotton, James A., to Phillips Petroleum Co. Metals for food and beverage container coating composition. 2,741,397, 4-10-56, Cl. 220-64.
- Shotton, John C. Casting boat and bait plug. 2,741,864, 4-17-56, Cl. 43-44.
- Shortwell, Allen. Remotely controlled electrically propelled vehicle. 2,768,697, 10-30-56, Cl. 180-2.
- Shough, Philip J. Token dispenser. 2,766,763, 10-16-56, Cl. 133-5.
- Shoulders, Walter L.: See—
- Goodrich, Ross H., and Shoulders. 2,749,101.
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- Keight, Albert W., Moos, and Shoup. 2,732,950.
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- Moos, Gilbert E., and Shoup. 2,763,892.
- Shove, Benjamin R.: See—
- De Boer, John R. 2,756,442.
- Show, Donovan P. Temperature regulating shower valve. 2,742,923, 4-24-56, Cl. 137-625.4.
- Showalter, Jere C., to Esso Research and Engineering Co. Addition of an aqueous solution of a lower alcohol oil soluble lubricating oil mixture to obtain a pumpable sludge. 2,755,233, 7-17-56, Cl. 196-148.
- Shower, Edmund G., to Bell Telephone Laboratories, Inc. Method of making contact points. 2,732,614, 1-31-56, Cl. 29-155.55.
- Shower, Edmund G., to National Union Electric Corp. Photo-transistor and method of manufacture. 2,735,919, 2-21-56, Cl. 201-63.
- Shower, Edmund G., to National Union Electric Corp. Semiconductor device. 2,751,927, 6-19-56, Cl. 317-266.
- Showers, Harold A. Toggle-controlled pivoted jaw wrench. 2,768,549, 10-30-56, Cl. 81-84.
- Showstack, Paul J. Cap alarm device. 2,733,681, 2-7-56, Cl. 116-105.
- Showstack, Paul J. Fire alarm and extinguisher. 2,760,461, 8-28-56, Cl. 116-106.
- Showstack, Paul J. Gas alarm device. 2,764,121, 9-25-56, Cl. 116-106.
- Shrader, Frank A. Auto electric fire stopper switch. 2,774,842, 12-18-56, Cl. 200-102.
- Shrader, Marvin O., to General Aniline & Film Corp. Production of quinzarin. 2,752,364, 6-26-56, Cl. 200-383.
- Shrader, Marvin O., and H. L. Dimond, to Pittsburgh Coke & Chemical Co. Absorption of gamma picoline. 2,767,187, 10-16-56, Cl. 260-270.
- Shrader, Merrald B., to Radio Corp. of America. Electron discharge device. 2,749,469, 6-5-56, Cl. 313-299.
- Shreve, Clifford B., to Tyler Refrigeration Corp. Refrigerated display cabinet. 2,732,689, 1-31-56, Cl. 62-89.5.
- Shreve, Randolph N., and R. K. Charlesworth, to Purdue Research Foundation. Bis-(aminotriazoly)-hydrocarbons. 2,744,116, 5-1-56, Cl. 260-308.
- Shreve, Warren T., and S. L. Arensburg, to the United States of America as represented by the Secretary of the Navy. Independent electronic range strobe and azimuth cursor. 2,737,653, 3-6-56, Cl. 343-11.
- Shreve, Warren T., and R. J. McCurdy, to the United States of America as represented by the Secretary of the Navy. Cathode ray tube intensity compensation. 2,739,264, 3-20-56, Cl. 315-22.
- Shrider, Kenneth L., and A. J. Humphrey, to The Reliance Electric & Engineering Co. Rectifier system. 2,758,251, 8-7-56, Cl. 815-146.
- Shroyer, Jacob L., to Tuttle & Kift, Inc. Quick heat electric heating unit. 2,765,391, 10-2-56, Cl. 219-37.
- Shroyer, Ralph G., to H. L. and M. W. Mellman. Tripod jack. 2,774,567, 12-18-56, Cl. 254-99.
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- Jackson, Clarence E., and Shrubshell. 2,755,211.
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- Shuff, Leonard C. Automobile license number safety frame. 2,758,438, 8-14-56, Cl. 40-125.
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- Almquist, Nils T., Domsitz, and Shuffer. 2,766,964.
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- Shuler, Martin H.: See—
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- Shull, Martin J., and J. S. Hillman Bros., Inc. Automatic amplitude cancellation in moving target indicator. 2,740,963, 4-3-56, Cl. 343-17.1.
- Shuler, Myron: See—
- Short, George A., and Shuler. 2,752,870.
- Shull, Charles L. Small capacity tubular adjustable condenser. 2,747,147, 5-22-56, Cl. 317-249.
- Shull, Charles L. Adjustable tubular condenser. 2,754,458, 7-10-56, Cl. 317-249.
- Shul, Gilbert M., D. A. Kita, and J. W. Davison, to Chas. Pfizer & Co., Inc. 113, 14a, 17a 21-tetrahydroxyprogesterone and esters thereof. 2,745,784, 5-13-56, Cl. 167-45.
- Shull, Gilbert M., D. A. Kita, and J. W. Davison, to Chas. Pfizer & Co., Inc. 112 oxygenation of steroids by trichothecium rosm. 2,765,358, 10-2-56, Cl. 195-51.
- Shull, Gilbert M., J. B. Routien, and A. C. Finlay, to Chas. Pfizer & Co., Inc. Cycloserine and production thereof. 2,773,878, 12-11-56, Cl. 200-307.
- Shulman, Robert G., to Fisher Chemical Works, Inc. Method of converting a liquid hydrocarbon to a gel. 2,763,621, 9-18-56, Cl. 252-316.
- Shulman, Robert G.: See—
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- Bos, John R., and Shulters. 2,759,357.
- Shultz, Emmett E., to Borg-Warner Corp. Method of assembling pressure loaded type, intermeshing gear pumps. 2,734,258, 9-14-56, Cl. 29-156.4.
- Shumaker, James J. Display unit. 2,770,919, 11-20-56, Cl. 47-39.
- Shumaker, John F., to Bendix-Westinghouse Automotive Air Brake Co. Fluid pressure actuator. 2,761,427, 9-4-56, Cl. 41-41.
- Shuman, Edward. Catapult cartridge safe. 2,737,910, 3-13-56, Cl. 109-47.
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- Reiner, Eugene J., Schultz, Shuman, and Silberberg. 2,762,845, 10-2-56, Cl. 167-22.
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- Beaver, David J., Stoffel, and Shumard. 2,730,502.
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- Shurcliff, William A., to Polaroid Corp. Radiation detection devices. 2,750,515, 6-12-56, Cl. 250-83.
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- Shuster, Myer M. Adjustable ring, plug, and radius gages. 2,731,727, 1-24-56, Cl. 33-178.
- Shuster, Philip. Gas range burner valve handle protector. 2,764,968, 10-2-56, Cl. 126-42.
- Shute, Wallace B. Obstetrical forceps. 2,757,673, 8-7-56, Cl. 128-323.
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- Hoggatt, Gilbert A., and Shuttleworth. 2,767,065.
- Shuttleworth, Howard L., to Mohawk Carpet Mills, Inc. Backing fabrics and method of weaving them. 2,740,430, 4-3-56, Cl. 139-20.
- Shuttleworth, Jonas S. Tool. 2,741,846, 4-17-56, Cl. 33-143.



- Shütz, Kurt, to Berthoud & Cie. Means for distributing liquids very finely. 2,775,482, 12-25-56, Cl. 299—86.
- Shvets, Roman P., to Containers for flowable semi-solid materials. 2,763,449, 9-18-56, Cl. 222—320.
- Shwayder, Ben, to Shwayder Bros., Inc. Luggage moldings. 2,758,682, 8-14-56, Cl. 190—28.
- Shwayder Brothers: See—
- Adler, John B. 2,729,280.
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- Adler, John B. 2,757,998.
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- Shyne, John C.: See—
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- Morgan, Eric R., and Shyne. 2,772,154.
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- Dunn, Harold G., Sibbald, and Haydon. 2,734,366.
- Siber, Samuel. Flush tank ball valve. 2,751,501, 6-26-56, Cl. 56.
- Sibert, Frank. Vaporizer. 2,756,322, 7-24-56, Cl. 219—44.
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- Raynes, Bertram C., and Sibert. 2,773,023.
- Sibley, James W., to Michigan Lea Co. Battery dismantling machine. 2,736,932, 6-5-56, Cl. 29—204.
- Sibley, John R., to Joy Mfg. Co. Tension maintaining arrangement for a conveyor chain. 2,744,614, 5-8-56, Cl. 198—109.
- Sibley, John R., to Joy Mfg. Co. Dust allaying means for continuous mining apparatus. 2,749,105, 6-5-56, Cl. 262—29.
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- Sicha, Walter E., H. Y. Hunsicker, and R. C. Lemon, to Aluminum Co. of America. Aluminum base alloy. 2,749,239, 6-5-56, Cl. 75—142.
- Sichak, William: See—
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- Siciliano, Anthony J., to Keen Mfg. Corp. Egg basket with handle. 2,732,096, 1-24-56, Cl. 220—95.
- Sieck, Edwin. Electrical light screen. 2,769,374, 11-6-56, Cl. 88—74.
- Sieck, Helmut. Mobile building structure. 2,755,517, 7-24-56, Cl. 20—2.
- Sicking, Lawrence A., to The Jackson Box Co. Light shield and reinforcement structure for beverage cases. 2,760,715, 8-24-56, Cl. 222—52.
- Sickinger, Hans A.: See—
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- Sickly, Robert G.: See—
- Courthope, Thomas F., Martin, and Sickly. 2,734,804.
- Siczekiewicz, Joseph, Jr.: See—
- Voigt, Herbert L., and Siczekiewicz. 2,760,286.
- Siddall, Earl D.: See—
- Randall, Herman P. 2,758,627.
- Siddall, Stanley G. Handled foldable carrier for bottles and refreshments. 2,732,983, 1-31-56, Cl. 224—48.
- Siddens, Robert E.: See—
- Sherock, Matthew J., and Siddens. 2,754,989.
- Siddiqui, Sahimuzzaman. Process for the recovery of coal resins with simultaneous partial desulphurisation of the coal. 2,772,265, 11-27-56, Cl. 260—107.
- Siddle, John K.: See—
- Rideout, Jerry C., and Siddle. 2,742,881.
- Siddons, Milburn. Spout for container. 2,732,109, 1-24-56, Cl. 222—56.
- Sid, Frederick W., to Minneapolis-Honeywell Regulator Co. Measuring and controlling apparatus. 2,742,916, 4-24-56, Cl. 137—85.
- Sid, Frederick W., to Minneapolis-Honeywell Regulator Co. Electropneumatic transducer apparatus. 2,760,509, 8-28-56, Cl. 137—85.
- Sid, Frederick W., to Minneapolis-Honeywell Regulator Co. Variable inductor. 2,768,359, 10-23-56, Cl. 336—30.
- Sidobotham, Norman C.: See—
- Reid, John C., and Sidobotham. 2,773,838.
- Sidenius, Widmer C., to Production and Marketing Co. Pour-spout. 2,771,229, 11-20-56, Cl. 222—484.
- Side-O-Matic Unloader Corp.: See—
- Cramer, George L., Raffensberger, and Strine. 2,772,794.
- Cramer, George L., Raffensberger, and Strine. 2,772,795.
- Siderman, Joseph A. Wiring assembly with indicator means. 2,731,629, 1-17-56, Cl. 340—252.
- Sides, Roy E.: See—
- Miller, Henry C. L., and Sides. 2,740,990.
- Sidoff, Ed. Hobby horse. 2,768,833, 10-30-56, Cl. 280—1182.
- Sidorowicz, Alexander Z., to Northern Electric Co. Ltd. Machine for winding filaments. 2,736,343, 2-28-56, Cl. 140—71.5.
- Sidwell, William K.: See—
- Kleist, Dale, Sidwell, and Reed. 2,771,387.
- Sieb, Henry. Book gluing method and means. 2,746,879, 5-22-56, Cl. 117—44.
- Siebin, Joseph M. Device for patching teletype code strips. 2,740,461, 4-3-56, Cl. 154—42.3.
- Siebel, Doris: See—
- Kautsky, Hans W., and Siebel. 2,762,825.
- Siebens, Norman H.: See—
- Allen, Frank B., and Siebens. 2,747,822.
- Siebens, Norman H., to C-O-Two Fire Equipment Co. Dry powder fire extinguisher nozzle. 2,736,385, 2-28-56, Cl. 169—1.
- Sieber, Edward J., Jr., and W. L. Davis, to The Cincinnati Milling Machine Co. Centerless grinding machine with work rotating and feeding work support. 2,731,774, 1-24-56, Cl. 51—103.
- Siebert, Arthur: See—
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- Siebert, Arthur, R. Huss, and J. Weissert, to Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius und Bruning. Polyazo-dyestuffs. 2,750,375, 6-12-56, Cl. 260—166.
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- Siebert, Werner E., to Bissell Carpet Sweeper Co. Carpet sweepers having brush cleaning combs. 2,741,785, 4-17-56, Cl. 15—48.
- Siebek, Carl O.: See—
- Gegenheimer, Harold W., and Siebek. 2,757,610.
- Siebrasse, Wilhelm, to Anker-Werke Aktiengesellschaft. Loop-taker mechanism for sewing machines. 2,741,199, 4-10-56, Cl. 112—232.
- Siebring, Barton G. Cord carrying arm for remote control lawn mower. 2,760,328, 8-28-56, Cl. 56—26.
- Siebertsch, Gesellschaft mit beschränkter Haftung: See—
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- Sieck, Peter W.: See—
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- Siecke, Paul: See—
- Offutt, William C., Siecke, and Beuther. 2,762,754.
- Siedel, Walter: See—
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- Sieder, Everett N., to Alco Products, Inc. High pressure closure fastener. 2,729,491, 1-3-56, Cl. 292—256.6.
- Sier, Everett N., and R. M. Church, to Alco Products, Inc. Heat exchanger. 2,729,430, 1-3-56, Cl. 257—32.
- Siedschlag, Karl G., Jr., to E. I. du Pont de Nemours and Co. Polyacrylonitrile solutions containing gelation inhibitors. 2,753,320, 7-3-56, Cl. 260—32.6.
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- Siefker, Joseph A., and J. F. Brasch, to Anheuser-Busch, Inc. Product derived from dried brewers' grains. 2,754,211, 7-10-56, Cl. 99—14.
- Sieg, Robert P., to California Research Corp. Production of cyanobenzene. 2,761,828, 11-3-56, Cl. 380—439.
- Siegel, Clarence J. Ice fish pole and tip over. 2,733,532, 2-7-56, Cl. 43—17.
- Siegel, Julius H., to the United States of America as represented by the Secretary of the Navy. Apparatus for testing metal welds under pressure at high temperature. 2,761,110, 9-4-56, Cl. 73—15.6.
- Siegel, Martin: See—
- Markus, George, and Siegel. 2,729,009.
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- Siegel, Ralph, to General Electric Co. Control and detecting system for conjunction with a plurality of electric circuits. 2,765,427, 10-2-56, Cl. 315—146.
- Siegel, Sidney: See—
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- Siegel, Sidney, to Metals & Controls Corp. Process of solid phase bonding of metals. 2,744,039, 5-1-56, Cl. 148—111.5.
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- Sieger, George M.: See—
- Ziegler, William M., and Sieger. 2,766,173.
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- Sieger, Maurice P., to United Engineering and Foundry Co. Method of and apparatus for handling coiled metal strip. 2,756,943, 7-31-56, Cl. 242—79.
- Siegerist, Walter, to Blaw-Knox Co. Machine for straightening bars. 2,741,293, 4-10-56, Cl. 153—98.
- Siegerist, Walter, and C. J. Didden, to Blaw-Knox Co. Rotary bar and tube straightener. 2,757,707, 8-7-56, Cl. 153—91.
- Siegerist, Walter L., to Blaw-Knox Co. Severing apparatus for continuously moving material. 2,755,858, 7-24-56, Cl. 164—49.
- Siegfried, Walter: See—
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- Siegl, Adolf: See—
- Eisenhut, Franz, Gobiet, and Siegl. 2,738,287.
- Meyer, Karl, Eisenhut, and Siegl. 2,774,676.
- Sieglitz, Adolf, L. Berlin, and H. Hamal, to Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Sensitizing dyestuffs. 2,770,620, 11-13-56, Cl. 260—240.4.
- Siegrist, Adolf E.: See—
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- Siegrist, Adolf E., to Ciba Ltd. Process for the improvement of organic material. 2,765,239, 10-2-56, Cl. 117—33.5.

- Siegrist, Adolf E., E. Moergeli, and K. Hoelzle, to Ciba Ltd. New ox-diazole compounds and process for their manufacture. 2,765,304, 10-2-56, Cl. 260-240.
- Siegrist, Adolf-Emil, to Ciba Ltd. Derivatives of 4'-di-aminotoluene disulfonic acid-(2:2'). 2,745,830, 5-15-56, Cl. 260-249.6.
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- Siekmann, Arnold J.: *See*—  
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- Siekmann, Harold J. G., J. Kasselmann, and W. Okvitt, to The R. K. Le Blond Machine Tool Co. Speed indicating plate for machine tools. 2,773,471, 12-11-56, Cl. 116-115.5.
- Sieling, Edward H. Faucet. 2,764,385, 9-25-56, Cl. 251-144.
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- Siemen, Albert H.,  $\frac{1}{4}$  to M. P. Siemen,  $\frac{1}{4}$  to F. A. Duncan, and  $\frac{1}{4}$  to L. I. Sims. Husking roller. 2,737,185, 3-6-56, Cl. 130-5.
- Siemen, Minnie P.: *See*—  
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- Siemens Brothers & Co. Ltd.: *See*—  
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- Siemens & Halske Aktiengesellschaft: *See*—  
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- Berg, Herbert, Darr, and Wilhelm. 2,766,357.
- Bodenstein, Camillo. 2,737,546.
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- Jabczynski, Hans-Joachim. 2,744,164.
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- Müller, Konrad. 2,761,013.
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- Rolf, Erich H. F. W. 2,758,271.
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- Schauer, Erwin A. 2,730,067.
- Waldkötter, Erich G., and Hase. 2,750,540.
- Wegner, Johannes. 2,746,003.
- Welker, Heinrich. 2,738,858.
- Wizeney, Leopold, Fraumberger, and Kuhr. 2,754,464.
- Siemens, Walter L. Photographic developing apparatus. 2,747,480, 9-29-56, Cl. 95-89.
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- Siems, Frederick B. T. Marking instrument. 2,744,330, 5-8-56, Cl. 35-34.
- Siems, George. Ground agitating and leveling attachment for implements. 2,758,531, 8-14-56, Cl. 97-36.
- Siems, Robert J., and A. B. Voorhees, Jr., to Boeing Airplane Co. Blow-out safe aircraft doors. 2,748,855, 6-5-56, Cl. 160-210.
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- Siering, Robert L., to Johns-Manville Corp. Siding structure. 2,740,166, 4-3-56, Cl. 20-5.
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- Turner, Thomas F. 2,770,779.
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- Siese, Henry. Concave moulding circular saw blade. 2,756,787, 7-31-56, Cl. 144-239.
- Sliess, Leo E.: *See*—  
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- Sieven, Josef, and E. Scheffler, to Hackett Draht- und Kabel Werke A.-G. Delay cables. 2,756,394, 7-24-56, Cl. 333-31.
- Sievers, Albert H. Automatic feed moistening hopper and trough. 2,766,725, 10-16-56, Cl. 119-51.5.
- Sievers, Bernd E., and E. D. Article supporting rack. 2,774,481, 12-18-56, Cl. 211-89.
- Sievers, Eldred D.: *See*—  
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- Sifferd, Robert H., and L. P. Anderson, to Armour and Co. Preparation of liver anti-anemia factor. 2,746,903, 5-22-56, Cl. 167-74.6.
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- Sifferd, Robert H., and L. P. Anderson, to Armour and Co. Rendering process for recovery of fat and gelatin. 2,748,152, 9-29-56, Cl. 260-412.6.
- Sifrin, Andreas, to The Babcock & Wilcox Co. Vapor generator furnace. 2,747,553, 5-29-56, Cl. 122-336.
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- Sigge, Joseph A. Vibrating toy gun. 2,758,417, 8-14-56, Cl. 46-175.
- Sigg, Joseph A. Trigger mechanism for toy guns. 2,770,916, 10-20-56, Cl. 46-175.
- Siggel, Erhard: *See*—  
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- Siggel, Erhard, and J. Kleine. Dissolution and purification of polyethylene terephthalate. 2,762,788, 9-11-56, Cl. 260-75.
- Sigzia, Edward P. Drawer guide structure. 2,739,028, 3-20-56, Cl. 312-341.
- Sigle, Clarence C.,  $\frac{1}{2}$  to W. H. Boswell. Wood shaping machine. 2,771,006, 11-20-56, Cl. 144-134.
- Sigler, Ernest J. Combined outboard motor mount and fuel tank. 2,764,119, 9-25-56, Cl. 115-17.
- Sigler, Harold H.: *See*—  
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- Sigmon, Oil and Gas Co.: *See*—  
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- Johnston, Daniel S. 2,748,358.
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- Welsh, James W. 2,756,304.
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- Seaborn, Charles R., and Baisch. 2,739,635.
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- Sigoda, Victor J., and E. W. Whitman. Machine for severing selected multiples of fabric strip lengths. 2,736,378, 8-28-56, Cl. 164—48.
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- Sikora, Francis, to L. B. Sikora. Handle for thermos bottles and the like. 2,759,758, 8-21-56, Cl. 294—31.2.
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- Silberman, Samuel J., to Consolidated Cigar Corp. Display and dispensing package. 2,767,832, 10-23-56, Cl. 206—48.5.
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- Sill, George A., to The Sta-Firm Chair Corp. Construction of invalid's chair. 2,753,919, 7-10-56, Cl. 155—30.
- Sillars, Frederick S., to United Shoe Machinery Corp. Method and machine for edge gluing wood boards. 2,765,249, 10-2-56, Cl. 154—116.
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- Sillman, Isaac D. Electrical transmission system. 2,732,420, 1-24-56, Cl. 174—68.
- Sills, Hubert R., to Canadian General Electric Co., Ltd. Dynamoelectric machine rotor. 2,736,829, 2-28-56, Cl. 210—218.
- Sills, Joseph A., 1/4 to A. J. Bernotas. Valve actuating mechanism. 2,741,931, 4-17-56, Cl. 74—569.
- Sills, Joseph A. Apparatus for grinding and refinishing crankpins. 2,742,746, 4-24-56, Cl. 51—241.
- Sills, Joseph A. Crankpin grinding apparatus. 2,761,261, 9-2-56, Cl. 51—241.
- Sills, Kenneth G., to Specialties Development Corp. Discharge head. 2,743,079, 4-24-56, Cl. 251—239.
- Silos, Harry. Serving tray for frankfurter roll sandwiches. 2,741,901, 4-17-56, Cl. 65—15.
- Silsby, Charles E., to Allied Chemical & Dye Corp. Distillation process. 2,743,217, 4-24-56, Cl. 202—17.
- Siltamaki, Harold A.: See—  
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- Silvasy, John E., and L. Taylor: said Taylor assor. to said Silvasy. Strip making apparatus. 2,771,637, 11-27-56, Cl. 18—12.
- Silven, Herbert A., to Norton Co. Grinding machine. 2,741,879, 4-17-56, Cl. 51—95.
- Silven, Herbert A., and S. S. Mader, to Norton Co. Grinding machine. 2,759,304, 8-21-56, Cl. 51—165.
- Silver, Alexander, to The Garrett Corp. Pneumatic control apparatus. 2,775,231, 12-25-56, Cl. 121—38.
- Silver-Chamberlin Co., Inc.: See—  
Frie, Vermont. 2,738,584.
- Frie, Vermont. 2,738,014.
- Silver, Edward A., to Sperry Rand Corp. Knot. 2,740,185, 4-3-56, Cl. 28—78.
- Silver Engineering Works, Inc., a division of the Silver Corp.: See—  
Morrison, Robert L. 2,770,052.
- Silver, Evelyn B.: See—  
O'Connor, Joseph H. 2,773,313.
- Silver, Harold F., to Joy Mfg. Co. Mining machine chain carrying bars and impellers for the chains thereof. 2,766,050, 10-9-56, Cl. 262—33.
- Silver, Harold J.: See—  
O'Connor, Joseph H. 2,773,313.
- Silver, Joseph R. Advertising or like signs. 2,756,528, 7-31-56, Cl. 40—136.
- Silver, Marvin N.: See—  
Bazarian, Albert V., Grimm, Gusman, and Silver. 2,767,350.
- Susman, Leo, Bazarian, Silver, and Grimm. 2,774,915.
- Silver, Marvin N., to Gera Corp. Gaseous conduction device. 2,747,121, 5-22-56, Cl. 313—54.
- Silver, Sam. Patient-operated hospital bed. 2,764,763, 10-2-56, Cl. 5—79.
- Silver, Theodore J.: See—  
Waldman, Daniel, and Silver. 2,753,182.
- Silver, Walter H., to Deere & Co. Tool carrier. 2,751,835, 6-26-56, Cl. 97—47.14.
- Silver, Walter H., to Deere & Co. Releasable plow standard. 2,775,182, 12-25-56, Cl. 97—47.89.
- Silver, Walter H., and W. V. Lohman, to Deere & Co. Tractor-mounted plow. 2,747,489, 5-29-56, Cl. 97—47.51.
- Silver, Walter H., and R. E. Cox, to Deere & Co. Front end loader with overload release. 2,760,421, 8-28-56, Cl. 97—47.51.
- Silverberg, Carl G., to American Optical Co. Refractories. 2,764,491, 9-25-56, Cl. 106—44.
- Silver King Corp.: See—  
Gale, Ronald. 2,754,951.
- Silverman, Alexander, and L. Parker, to said Silverman. Method of producing glass filaments. 2,736,141, 2-28-56, Cl. 49—77.
- Silverman, Daniel: See—  
Bennett, Arthur D., and Silverman. 2,775,120.
- Bennett, Arthur D., and Silverman. 2,775,121.
- Silverman, Daniel. Fluid control devices. 2,756,017, 7-24-56, Cl. 251—148.
- Silverman, Daniel. Flue control devices adapted for combustion heaters. 2,766,677, 10-16-56, Cl. 98—62.
- Silverman, Daniel, to Stanolind Oil and Gas Co. Seismic wave generator. 2,770,312, 11-13-56, Cl. 181—5.
- Silverman, Irving, to Illinois Testing Laboratories, Inc. Dew-point detecting device. 2,733,594, 2-7-56, Cl. 73—17.
- Silverman, Jacob. Machine for folding ribbons and securing them to a support. 2,756,805, 7-31-56, Cl. 154—1.8.
- Silverman, Leslie: See—  
Hersey, Henry J., Jr., and Silverman. 2,752,003.
- Hersey, Henry J., Jr., and Silverman. 2,742,897, 4-24-56, Cl. 128—208.
- Silverman, Leslie, and G. Lee, to the United States of America as represented by the Secretary of the Army. Leakage measuring apparatus. 2,738,669, 3-20-56, Cl. 73—40.
- Silverman, Leslie, and R. A. Davidson. High temperature filtering medium. 2,758,671, 8-14-56, Cl. 183—49.
- Silverman, Louis, to Chromatic Television Laboratories, Inc. Damp rod construction for cathode-ray tube grid structures. 2,737,303, 7-31-56, Cl. 313—78.
- Silverman, Oscar. Sheet metal awning. 2,760,241, 8-28-56, Cl. 20—57.5.
- Silvern, David H.: See—  
Silvka, William R., and Silvern. 2,757,902.
- Silvernall, George. Window ventilator. 2,769,386, 11-6-56, Cl. 98—88.
- Silver, Albert, and J. L. Cotter, to Hastings Aluminium Products, Inc. Awning construction. 2,781,685, 1-24-56, Cl. 20—57.5.
- Silvers, Charles. Pivot clips for jalousie windows. 2,737,694, 3-13-56, Cl. 20—62.
- Silvers, Clem H. Time delay mechanism. 2,755,349, 7-17-56, Cl. 200—33.
- Silversher, Herman L., and G. W. Burnett, to Electrofilm, Inc. High temperature resilient dry lubrication. 2,748,030, 5-29-56, Cl. 117—161.
- Silverstein, Abraham, to the United States of America as represented by the Secretary of the Navy. Temperature compensated hydraulic resistor. 2,752,951, 7-3-56, Cl. 138—45.
- Silverstein, Morris. Machine for measuring cloth. 2,771,251, 11-20-56, Cl. 242—68.

- Silverstein, Murray, Ladies' undergarment, 2,772,419, 12-4-56, Cl. 2-224.
- Silverstein, Robert M., to Purex Corp., Ltd. Preparation of aralkyl ketenes, 2,773,904, 12-11-56, Cl. 260-592.
- Silverstone, Melville I. See—
- Ness, William H. C., and Silverstone, 2,738,410.
- Silverthorne, Ira W. Fish lure, 2,766,544, 10-16-56, Cl. 43-12,06.
- Silvertooth, Ernest W., to Librascope, Inc. Analog computer for simultaneous equations, 2,755,021, 7-17-56, Cl. 235-61.
- Silvertooth, Ernest W., to Librascope, Inc. Planimeter, 2,768,785, 10-30-56, Cl. 235-61.
- Silver, Joseph P. Apparatus for pulverizing pavement and the like, 2,752,141, 6-26-56, Cl. 262-15.
- Silvey, John O., and O. C. Booher, to International Telephone and Telegraph Corp. Tunable coaxial line, 2,774,044, 12-1-56, Cl. 333-53.
- Silvola, Raymond L.  $\frac{1}{2}$  to T. Messner and P. W. La Bine, doing business under the name and style Messner La Bine. Rock drill bit, 2,767,958, 10-23-56, Cl. 255-61.
- Silzle, E. A., Corp. See—
- Seeley, James E., 2,732,008.
- Simanek, Edward J. See—
- Tack, Carl E., and Simanek, 2,754,935.
- Simas, Barbara A. See—
- Munzig, Arthur L., 2,769,169.
- Simblett, Albert L., to Salswice Industries, Inc. Adjustable wall-mounted ventilator, 2,752,844, 7-3-56, Cl. 98-121.
- Sluek, Jerry V., and W. M. Thomas, to Western Electric Co., Inc. Gauges, 2,747,290, 5-29-56, Cl. 33-174.
- Simenson, Louis O., to The Dow Chemical Co. Method of compacting light powders, 2,749,051, 6-5-56, Cl. 241-43.
- Simerl, Linton E., A. M. Heald, and G. P. Mueller, to Marathon Corp. Wax compositions and sheet materials coated therewith, 2,773,045, 12-4-56, Cl. 260-28.5.
- Simion, Allen L. See—
- Hogendobler, Henry R., and Simson, 2,731,066.
- Simjian, Luther G., to The Reflectone Corp. Sharpening or polishing device, 2,735,231, 2-21-56, Cl. 51-7.
- Simjian, Luther G., to The Reflectone Corp. Polishing device, 2,735,232, 2-21-56, Cl. 51-7.
- Simjian, Luther G. Camera, 2,737,095, 3-6-56, Cl. 95-1-1.
- Simjian, Luther G., to The Reflectone Corp. Golf drive sensing system, 2,737,393, 3-6-56, Cl. 273-185.
- Simjian, Luther G., to The Reflectone Corp. System for composite projection, 2,740,325, 4-3-56, Cl. 88-24.
- Simjian, Luther G., to The Reflectone Corp. Microfilm camera, 2,748,651, 6-5-56, Cl. 88-24.
- Simjian, Luther G., to The Reflectone Corp. Supersonic exploring device, 2,763,153, 9-18-56, Cl. 73-67.8.
- Simjian, Luther G. Camera, 2,765,705, 10-9-56, Cl. 88-74.
- Simjian, Luther G. Camera, 2,765,717, 10-9-56, Cl. 95-1-1.
- Simjian, Luther G., to The Reflectone Corp. Photographic system, 2,770,719, 11-13-56, Cl. 250-59.
- Simkins, Leonard D., to Soudco, Inc. Solenoid core and terminal cap assembly for electrical testing instrument, 2,759,162, 8-14-56, Cl. 339-105.
- Simkins, Quinton W., to Bell Telephone Laboratories, Inc. Nonlinear terminating networks, 2,763,841, 9-18-56, Cl. 332-29.
- Simm, Clarke N., to California Research Corp. Method of heating subterranean formations, 2,747,672, 5-29-56, Cl. 166-38.
- Simm, Clarke N., to California Research Corp. Method of oil recovery by in situ combustion, 2,771,951, 11-27-56, Cl. 166-11.
- Simm, Clarke N., to California Research Corp. Method of consolidating subterranean formations, 2,771,952, 11-27-56, Cl. 166-12.
- Simmat, Wilhelm E. See—
- Froese, Erich L., Schappert, and Simmat, 2,738,311.
- Simmering-Graz-Pauker Aktiengesellschaft für Maschinen-Kessel- und Waggonbau. See—
- Lednegg, Max J., 2,770,947.
- Lednegg, Max J., 2,770,947.
- Simmonds Accessories Ltd. See—
- Frantz, William, 2,744,502.
- Honick, Kenneth R., 2,773,126.
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- Simmonds, Richard G. Can strip remover, 2,759,626, 8-21-56, Cl. 220-52.
- Simmonds, Wayne W., to L. A. Young Spring & Wire Corp. Road working and ditching machine, 2,731,892, 1-24-56, Cl. 94-49.
- Simmons, Alan J., to the United States of America as representing by the Secretary of the Navy. Microwave polarization changer, 2,772,400, 11-27-56, Cl. 333-21.
- Simmons, Alfred J. See—
- Simmons, Cora P. and A. J., 2,762,319.
- Simmons, Benjamin F. Head support, 2,772,675, 12-4-56, Cl. 128-87.
- Simmons, Bill J., to Phillips Petroleum Co. Fluid pressure equalizer, 2,736,332, 2-28-56, Cl. 137-87.
- Simmons, Charles P. Spring construction for furniture, 2,768,390, 10-30-56, Cl. 5-61.
- Simmons, Cletus J. Armrest for attachment to automobile window sills, 2,738,220, 3-13-56, Cl. 296-49.2.
- Simmons, C. See—
- Petersen, John S., 2,749,559.
- Woller, Edward E. Re. 24,125.
- Woller, Edward E., 2,742,653.
- Simmons, Cora P. and A. J.; said C. P. Simmons to said A. J. Simmons. Food mold, 2,762,319, 9-11-56, Cl. 107-19.
- Simmons, Curtis R., and H. A. Farrow, to Hunter Farrow Patent, Inc. Animal cage, 2,759,622, 8-21-56, Cl. 220-4.
- Simmons, Dorsey D. See—
- Blackhall, James M., Blashfield, Simmons, Ryon, and Crow, 2,767,250.
- Simmons, Drury J. Systems and structures for controlling the movement of well pipe in well bores, 2,758,654, 8-14-56, Cl. 160-77.
- Simmons, Earl P., Jr. See—
- Berry, Paul E., and Anderson, 2,761,099.
- Simmons, Edward C., to General Motors Corp. Method of making a heat exchanger element, 2,740,188, 4-3-56, Cl. 29-157.3.
- Simmons, Edward C., to General Motors Corp. Two-temperature refrigerating apparatus, 2,755,634, 7-24-56, Cl. 62.
- Simmons, Edward C., to General Motors Corp. Freezing device, 2,775,102, 12-25-56, Cl. 62-108.5.
- Simmons, Edward E., Jr. Acoustic pulse detector, 2,737,256, 3-6-56, Cl. 181-0.5.
- Simmons, Gladys L. See—
- Simmons, Leon E., 2,772,694.
- Simmons, Harold C., to Dowty Equipment Ltd. Speed limiting governors for continuous combustion turbine engines, 2,756,810, 7-31-56, Cl. 153-4.
- Simmons, Haryl C. Abrasive wheel, 2,755,605, 7-24-56, Cl. 51-168.
- Simmons, Harri C., and A. J. Metz, to said Simmons. Slicing apparatus, 2,757,897, 8-7-56, Cl. 146-38.
- Simmons, James D. Folding trestle, 2,755,144, 7-17-56, Cl. 304-5.
- Simmons, Lance L., to American Blower Corp. Air conditioning apparatus, 2,773,678, 12-11-56, Cl. 257-137.
- Simmons, Lawrence C., to The New York Central Railroad Co. Air starting means for steam heating boiler control systems, 2,767,690, 10-23-56, Cl. 122-448.
- Simmons, Leon E., deceased; G. L. Simmons, administratrix, to Joy Mfg. Co. Hydraulic control valve mechanism, 2,773,094, 12-4-56, Cl. 137-621.
- Simmons, Marvin K., Jr. Game scoring device, 2,753,110, 7-3-56, Cl. 235-1.
- Simmons, Orien W. See—
- Darby, Paul F., Finlay, and Simmons, 2,745,891.
- Simmons, Ralph W., to Pittsburgh Plate Glass Co. Method for stirring glass, 2,750,161, 6-12-56, Cl. 259-6.
- Simmons, Richard R. Thermostatically controlled key lock heater, 2,774,855, 12-18-56, Cl. 219-19.
- Simmons, Russell E., to General Electric Co. Control for electric ovens, 2,742,558, 10-3-56, Cl. 219-20.
- Simmons, Ruth D. Manicure cuticle stick, 2,764,989, 10-2-56, Cl. 132-75.3.
- Simmons, Sidney. Venetian blind cleaning rack, 2,763,024, 12-1-56, Cl. 13-1-68.
- Simmons, Torsten M. G., to Rosenblad Corp. Fuel combustion process and apparatus, 2,769,411, 11-6-56, Cl. 110-28.
- Simmons, William E., to Collins Radio Co. Eyelet forming method and apparatus, 2,746,633, 5-22-56, Cl. 218-14.
- Simms, Bernard B. See—
- Allison, Albert R., Delman, and Simms, 2,771,777.
- Simms, Charles H. See—
- Breadner, Robert L., and Simms, 2,740,570.
- Breadner, Robert L., and Simms, 2,745,982.
- Simms, Charles O. See—
- Bryan, Augustus M., and Simms, 2,737,035.
- Simms, Russell K., to Phillips Petroleum Co. Concentration of ammonium nitrate solutions, 2,734,566, 2-14-56, Cl. 159-44.
- Simms, Stanley J. See—
- Baur, John W., Plos, and Simms, 2,750,930.
- Simon, Albert C., to the United States of America as represented by the Secretary of the Navy. Method for welding lead to lead, 2,734,094, 2-7-56, Cl. 136-67.
- Simon, Alfred J., and M. Zucker. Wearing apparel with extensible cuffs, 2,740,128, 4-3-56, Cl. 2-232.
- Simon, Carl F., and W. Strathmann. Pocket knives, 2,766,950, 3-6-56, Cl. 30-123.
- Simon, Eli See—
- Thomas, Frank W., and Simon, 2,744,875.
- Simon, Eli, and F. W. Thomas, to Lockheed Aircraft Corp. Method of forming a light-transparent electrically conductive coating on a surface and article formed thereby, 2,758,948, 8-14-56, Cl. 117-216.
- Simon, Eli, and F. W. Thomas, to Lockheed Aircraft Corp. Polycyanoacrylate-alkyl resin-substituted polymethylol phenol cellulosic compositions, 2,764,566, 9-25-56, Cl. 260-2.5.
- Simon, Eli, F. W. Thomas, and W. R. Burney, Jr., to Lockheed Aircraft Corp. Resilient cellular resin products, 2,772,445, 11-27-56, Cl. 260-2.5.
- Simon, Eli, and F. W. Thomas, to Lockheed Aircraft Corp. Cellular phenol aldehyde plastic resins, 2,772,246, 11-27-56, Cl. 260-2.5.
- Simon, Felix F. See—
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- Simon, Felix F., and J. F. Oliva. Ampules, 2,764,156, 9-25-56, Cl. 128-272.
- Simon, Jean C. See—
- Ortusi, Antoine, and Simon, 2,763,860.
- Simon, Malcolm, and F. E. Rommel, to Telephone Mfg. Co. Ltd. Apparatus for adjusting electrical contacts, 2,750,982, 6-19-56, Cl. 153-48.



- Simon, May B.: *See*—  
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- Simon, Michael G.: *See*—  
Thresher, Griffith N., and Simon. 2,756,613.
- Simon, Milton and S. H. Mechanical rotary steering device for boats. 2,767,596, 10-23-56, Cl. 74-196.
- Simon, Paul J. Baseboard cord clip. 2,746,112, 5-22-56, Cl. 24-129.
- Simon, Philip. Ball puzzle skill toy. 2,742,291, 4-17-56, Cl. 273-113.
- Simon, Sidney. Medicine cabinet. 2,752,217, 6-20-56, Cl. 312-242.
- Simon, Sidney H.: *See*—  
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- Simons, Benjie J., to The Murray Corp. of America. Washing machine water inlet. 2,734,369, 2-14-56, Cl. 68-207.
- Simonds Abrasive Co.: *See*—  
Price, James E. 2,729,553.
- Simonds, Clarence S.: *See*—  
Bradley, Robert O., Simonds, and Jacobs. 2,772,883.
- Simonds, Clarence S., and C. E. Adler, to Toledo Scale Co. Mechanical drive numerical display devices. 2,759,672, 8-21-56, Cl. 235-132.
- Simonds, George D., to The Four Wheel Drive Auto Co. 2,768,538, 10-30-56, Cl. 74-710.5.
- Simonis, Alfred: *See*—  
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- Simoniz Co.: *See*—  
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- Simons, Archie: *See*—  
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- Simons, Homer C., to Eaton Mfg. Co. Vehicle heater-ventilator apparatus. 2,749,829, 6-12-56, Cl. 98-2.
- Simons, John K., to Quaker Chemical Products Corp. Process of finishing cellulosic fabric and product resulting therefrom. 2,763,578, 9-18-56, Cl. 117-145.
- Simons, Malcolm: *See*—  
Harrison, Kenneth W., and Simons. 2,740,944.
- Simons, Peter: *See*—  
Noll, Walter, Jonas, and Simons. 2,767,201.
- Simons, Peter, W., Moschel, H. Jonas, and W. Noll, to Farbenfabriken Bayer Aktiengesellschaft. Heat transfer agents. 2,742,433, 4-17-56, Cl. 252-78.
- Simons, Rodney F., to the United States of America as represented by the Secretary of the Navy. Frequency analyzer. 2,745,034, 5-8-56, Cl. 315-1.
- Simons, W. E., Industries, Inc.: *See*—  
Simons, Walter B. 2,759,224.
- Simons, Walter B., to W. B. Simons Industries, Inc. Apparatus for extracting fibers from fiber-bearing plants. 2,759,224, 8-21-56, Cl. 19-11.
- Simonsen, Edward H., to Simonsen Metal Products Co. Lock. 2,751,241, 6-19-56, Cl. 292-55.
- Simonsen, Kristian J. Method of cleaning and decolorizing shoes and other leather articles. 2,731,775, 1-24-56, Cl. 51-282.
- Simonsen, Leif. Grass cutting means for stationary lawn mowers. 2,733,100, 1-31-56, Cl. 299-60.
- Simonsen Metal Products Co.: *See*—  
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- Simonsen, Nelson C., to Curtiss-Wright Corp. Stator blade positioning means. 2,755,064, 7-17-56, Cl. 253-78.
- Simonsen, Lyle E. Portable screen. 2,771,087, 11-20-56, Cl. 35-15.
- Simpkin, Thomas. Apparatus for servicing brushes on the traction motors of diesel-electric locomotives. 2,742,803, 4-24-56, Cl. 81.3.
- Simpkins, Isaac A. Combination plant cutter and liquid applicator. 2,747,330, 5-29-56, Cl. 47-1.
- Simpkins, Isaac W. deceased. N. B. Simpkins, executrix. Brake with grooved lining. 2,740,497, 4-3-56, Cl. 188-78.
- Simpkins, Nan R.: *See*—  
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- Simpkins, Pat: *See*—  
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- Simpkins, Robert L., J. S. Materka, and H. A. Elliott, to Essex Wire Corp. Insulated terminal. 2,745,075, 5-8-56, Cl. 339-26.
- Simpkins, Walter F.: *See*—  
Riggs, Simon B. 2,740,228.
- Simpkins, W. F., to A. F. Raggsdale and 1/2 to P. Simpkins. Clothes hanger rack for closets. 2,740,531, 4-3-56, Cl. 211-94.
- Simpkiss, John O., Jr.: *See*—  
Hurley, Robert E., and Simpkins. 2,762,776.
- Simpla Research and Mfg. Co.: *See*—  
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- Simplax Industrial Products, Inc.: *See*—  
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- Simplax Packaging Machinery, Inc.: *See*—  
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- Simplicity Engineering Co.: *See*—  
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- Simon, Alden H. Sailing vessel stabilizing device. 2,756,717, 7-31-56, Cl. 114-39.
- Simon, Alvan D., to The Forming Machine Co. of America, Inc. Method of and machine for producing continuous strips of fibrous sheet material. 2,731,889, 1-24-56, Cl. 92-43.
- Simon, Alvan D., to The Forming Machine Co. of America, Inc. Method and apparatus for forming a continuous sheet or strip of asbestos-cement composition or other like material. 2,732,291, 1-24-56, Cl. 92-39.
- Simon, Alvan D., to The Forming Machine Co. of America, Inc. Vertical chamber positive pressure machine for forming continuous strips of fibrous materials. 2,737,858, 3-13-56, Cl. 92-39.
- Simon, Alvan D., to The Forming Machine Co. of America, Inc. Method for preventing leakage around fastener heads. 2,744,591, 5-8-56, Cl. 189-36.
- Simon, Alvan D., to The Forming Machine Co. of America, Inc. Positive pressure machine for forming continuous strips of fibrous materials. 2,753,766, 7-10-56, Cl. 92-43.
- Simon, Carl. Combined suspension means and wind guard for pocket lighters. 2,737,036, 3-6-56, Cl. 67-71.
- Simon, Cecil: *See*—  
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- Simpson, Charles A.: *See*—  
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- Simpson, Charles W., to The National Acme Co. Master collet jaw inserts. 2,747,881, 5-29-56, Cl. 279-46.
- Simpson, Clarence E., to the United States of America as represented by the Secretary of the Army. Supporting means for a firearm barrel. 2,732,769, 1-31-56, Cl. 89-191.
- Simpson, Clarence E., to the United States of America as represented by the Secretary of the Army. Firing rate reducer for automatic firearms. 2,748,661, 6-5-56, Cl. 89-130.
- Simpson, Clarence E., to the United States of America as represented by the Secretary of the Army. Gas regulating device for a firearm. 2,748,662, 6-5-56, Cl. 89-193.
- Simpson, Clarence E., to the United States of America as represented by the Secretary of the Army. Charging device for gas operated firearm. 2,752,826, 7-3-56, Cl. 89-191.
- Simpson, Donald W., and W. C. Bauman, to The Dow Chemical Co. Ion exchanger. 2,771,193, 11-20-56, Cl. 210-42.5.
- Simpson, Duncan W.: *See*—  
Stern, Robert G., and Simpson. 2,770,054.
- Simpson, Edward H.: *See*—  
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- Simpson, Ernest C. Machine for placing washers on axles. 2,760,196, 8-28-56, Cl. 1-187.
- Simpson, George G.: *See*—  
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- Simpson, Grover P. Shock and moistureproof watch case. 2,752,752, 7-3-56, Cl. 58-20.
- Simpson, Hall B., to D. H. Bierschwale. Quick-adjusting pipe wrench. 2,760,396, 8-28-56, Cl. 81-103.
- Simpson, Harold, and J. T. D. Spence, to National Standard Co. Ltd. Swaging machines. 2,747,442, 5-29-56, Cl. 78-21.
- Simpson, Herbert, Corp.: *See*—  
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- McIlvaine, Robert L. 2,760,244.
- Simpson, Howard W. Hydrodynamically driven planetary transmission. 2,749,773, 6-12-56, Cl. 74-677.
- Simpson, Howard W. Planetary transmission for self-propelled vehicle. 2,749,775, 6-12-56, Cl. 74-731.
- Simpson, Howard W. Planetary transmission for self-propelled vehicle. 2,749,777, 6-12-56, Cl. 74-761.
- Simpson, James H., to Joy Mfg. Co. Magnet controlled connectors. 2,735,991, 2-21-56, Cl. 339-86.
- Simpson, John: *See*—  
Simpson, John, Jr. 2,751,099.
- Simpson, John, Jr., to himself and J. Simpson. Garment and like presses. 2,751,099, 6-26-56, Cl. 38-22.
- Simpson, Justin, to Continental Can Co., Inc. Can divider. 2,775,335, 12-25-56, Cl. 198-31.
- Simpson, Robert E. Store counter glass partition holders. 2,738,133, 8-14-56, Cl. 24-1.
- Simpson, Robert F., to The Monarch Rubber Co. Demountable solid rubber tire construction. 2,764,213, 9-25-56, Cl. 152-323.
- Simpson, Warren O., to Western Electric Co., Inc. Dispersers. 2,732,815, 1-31-56, Cl. 103-230.
- Simpson, Wilbur S.: *See*—  
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- Simpson, William F., and K. A. Lloyd, to Minneapolis-Moline Co. Cotton stripping unit. 2,759,316, 8-21-56, Cl. 56-14.
- Simpson, William H. Baseboard warm air distributor. 2,742,455, 4-24-56, Cl. 98-49.
- Simpson, William J., to General Electric Co. Electric switching device embodying self-aligning contact lever. 2,740,022, 3-27-56, Cl. 200-166.
- Simril, Verne L., to E. I. du Pont de Nemours and Co. Process for forming permeable sheet material. 2,757,100, 7-31-56, Cl. 117.
- Sims, Chester T., to The Battelle Development Corp. Fabrication of rhodium. 2,749,260, 6-5-56, Cl. 148-11.5.
- Sims, Clarence E., to United States Steel Corp. Pneumatic process for the refining of basic pig iron. 2,733,141, 1-31-56, Cl. 76-52.
- Sims, Homer J.: *See*—  
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- Sims, John C., Jr., to Sperry Rand Corp. Magnetic printer. 2,763,204, 9-18-56, Cl. 101-119.
- Sims, John W. Spotting device. 2,760,270, 8-28-56, Cl. 33-6.
- Sims, Joseph W.: *See*—  
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- Sims, Lois I.: *See*—  
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- Sims, Marion W., to General Electric Co. Discharge system. 2,737,612, 3-6-56, Cl. 315-177.
- Sims, Marion W., and A. M. Krakower, to General Electric Co. Device for measurement of arc energy. 2,764,021, 9-20-56, Cl. 73-190.
- Sims, Redding. Ventilated awning. 2,734,237, 2-14-56, Cl. 20-57.5.
- Sims, Rex J.: *See*—  
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- Sims, Royal F. Batch loader for dry-mix concrete. 2,756,881, 7-31-56, Cl. 214-2.
- Sinclair, Alfred C., to Anderson, Clayton & Co. Adjustable hinge plate assembly. 2,751,623, 6-26-56, Cl. 16-130.
- Sinclair, Charles W., to Kelsey-Hayes Wheel Co. Self-engraining brake. 2,758,678, 8-14-56, Cl. 188-78.
- Sinclair, Clyde C., to Paw Paw Bait Co. Fishing lure. 2,765,571, 10-9-56, Cl. 43-42.34.
- Sinclair, Donald C., and S. Wallans, to Harvey-Whipple Inc. Fan. 2,745,597, 6-15-56, Cl. 230-134.
- Sinclair, George. Agitating and spray device. 2,762,653, 9-11-56, Cl. 299-98.
- Sinclair, George, and R. B. Jacques, to Thompson Products, Inc. Broadband hybrid network. 2,736,864, 2-28-56, Cl. 332-11.
- Sinclair, H. M., Jr.: *See*—  
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- Sinclair, Harold. Power transmission mechanisms. 2,748,621, 6-5-56, Cl. 74-720.
- Sinclair, Harold. Change-speed gearing. 2,770,979, 11-20-56, Cl. 74-339.
- Sinclair, Harold P.: *See*—  
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- Fogg, Clifford C., and Sinclair. 2,760,516.
- Sinclair Mfg. Co., The: *See*—  
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- Sinclair Mfg. Co., The, H. M. Sinclair, Jr., trustee: *See*—  
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- Sinclair Oil and Gas: *See*—  
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- Sinclair Refining Co.: *See*—  
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- Bekkerker, La Vern H. 2,738,307.
- Campbell, Oliver F., and Decker. 2,753,925.
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- Case, Everett N. 2,734,038.
- Cross, Carl F., and Wayo. 2,740,758.
- Dorinson, Amos. 2,771,423.
- Elkins, Robert H. 2,766,302.
- Erickson, Henry. 2,731,397.
- Eron, Alan H. 2,759,877.
- Hettinger, William P., Jr., and Teter. 2,761,858.
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- Kalinowski, Lester W. 2,731,324.
- Kirk, James H. 2,738,032.
- Lothringer, Robert L. 2,756,120.
- Martin, Edward J. 2,773,004.
- Nelson, John W., and Teter. 2,755,301.
- Norris, Donald E. 2,772,779.
- Ries, Herman E., Jr. 2,745,812.
- Schultz, Theodore H. 2,761,825.
- Teter, John W., and Elkins. 2,759,876.
- Van Nordstrand, Robert A. 2,754,272.
- Van Nordstrand, Robert A., Pelzer, and Teter. 2,759,917.
- Verley, Guy M. 2,738,340.
- Verley, Guy M. 2,742,429.
- Watson, Kenneth M. 2,767,129.
- Watson, William B. 2,748,013.
- Watson, William B. 2,774,724.
- Wisher, Thomas G. 2,739,050.
- Woerner, Rudolph C. 2,733,194.
- Sinclair Research Laboratories, Inc.: *See*—  
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- Sinclair, Richard L. Vehicle parking device. 2,746,616, 5-22-56, Cl. 214-16.1.
- Sinclair, Robert L.: *See*—  
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- Sinclair, Robert L., to The Gillette Co. Blade dispensing device. 2,769,569, 11-6-56, Cl. 221-37.
- Sinclair, Stuart W., to Anderson, Clayton & Co. Clamp for industrial trucks. 2,746,630, 5-22-56, Cl. 214-653.
- Sindall, Robert A., Jr. 2,754,272.
- Kibler, Louis E., and Sindall. 2,737,286.
- Sindeband, Seymour J., to Borolite Corp. Production of metal borides by fused salt electrolysis. 2,741,587, 4-10-56, Cl. 204-61.
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- Rahn, Henry W., and Sindlinger. 2,772,949.
- Rahn, Henry W., and Sindlinger. 2,772,950.
- Sindzinski, Willy, to International Standard Electric Corp. Device for slowing down the speed of pneumatic tube dispatch carriers. 2,761,633, 9-4-56, Cl. 243-53.
- Sinelli, Andrew R.: *See*—  
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- Sinex, John C.: *See*—  
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- Singel, John B., to Westinghouse Electric Corp. Frequency discriminator system. 2,773,181, 12-4-56, Cl. 250-27.
- Singelmann, Dietrich E., and J. R. Hall, to Bell Aircraft Corp. Rocket assisted composite engine arrangement. 2,745,247, 5-15-56, Cl. 60-35.6.
- Singer, Gerald. Convertible building structure. 2,762,084, 9-11-56, Cl. 20-2.
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- Singer, Herbert C. Combination casting and still fishing bobber. 2,764,838, 10-2-56, Cl. 43-44.91.
- Singer, Howard G.: *See*—  
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- Singer, Isadore, to Singer Glove Mfg. Co. Foundryman's glove. 2,743,453, 5-1-56, Cl. 2-158.
- Singer, Josef: *See*—  
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- Singer, Josef, and O. Bayer, to Farbenfabriken Bayer Aktiengesellschaft. Acid wood dyestuffs of the anthraquinone series. 2,740,796, 4-3-56, Cl. 260-371.
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- Singer Mfg. Co., The: *See*—  
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- Breul, Fredric W. 2,739,554.
- Campbell, Leonard R. 2,747,153.
- Czajkowski, Edward J. 2,730,061.
- Dolney, Joseph J. 2,767,401.
- Enos, John P. 2,742,008.
- Enos, John P. 2,742,009.
- Enos, John P. 2,747,533.
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- Fuge, Harry B. 2,735,524.
- Fuge, Harry B. 2,763,221.
- Fuge, Harry B. 2,771,973.
- Gall, Francis A. 2,732,911.
- Gardner, August M., and Walling. 2,755,756.
- Gabel, Gregory. 2,739,251.
- Hacklander, Hans. 2,746,750.
- Hacklander, Hans. 2,750,906.
- Hale, Arthur N. 2,741,201.
- Hale, Arthur N. 2,749,802.
- Happe, Reynold. 2,763,796.
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- Happe, Reynold, and Fuge. 2,739,198.
- Hofgesang, William. 2,737,914.
- Incalis, Ross D. 2,739,251.
- Johnson, Edwin W., Donaldson, and Hewey. 2,769,418.
- Johnson, Ralph E. 2,749,863.
- Johnson, Ralph E. 2,761,402.
- Jullie, Joseph T. 2,773,463.
- Kessler, Charles A., Haller, and Gardner. 2,749,864.
- Kessler, Charles A., and Ritter. 2,749,865.
- Ketterer, Stanley J. 2,755,752.
- Ketterer, Stanley J. 2,760,695.
- Ketterer, Stanley J. 2,761,403.
- Knaus, Nicholas, and Millington. 2,771,848.
- Matuzas, Anthony J. 2,756,705.
- Mayer, Eugene O. 2,743,690.
- McCann, Michael. 2,730,058.
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- Odermann, Charles R. 2,742,444.
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- Parry, Frank, and Snyder. 2,771,965.
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- Ruemmler, Gerhard G. 2,743,689.
- Sailer, Norris H. 2,739,552.
- Scott, David B. 2,740,366.
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- Spaine, Edward P. 2,752,871.
- Stanton, Edward W. 2,733,744.
- Turner, Edgar P. 2,739,860.
- Turner, Edgar P. 2,743,383.
- Turner, Edgar P. 2,763,352.
- Turner, Edgar P., and Sailer. 2,757,299.
- Waterman, Max L. 2,758,558.
- Wendel, Lorenz A. 2,770,891.
- Singer, Morton M. Device for pulling cellophane adhesive tape. 2,750,126, 6-12-56, Cl. 242-55.5.
- Singher, Heron O.: *See*—  
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- Kupferberg, Alfred B., and Singher. 2,761,809.
- Kupferberg, Alfred B., and Singher. 2,761,811.
- Singher, Heron O., and R. S. Lowy, to Ortho Pharmaceutical Corp. Plasma fractionation process. 2,761,808, 9-4-56, Cl. 167-84.5.
- Singher, Heron O., A. B. Kupferberg, and R. S. Lowy, to Ortho Pharmaceutical Corp. Preparation of blood fraction for use in Rh testing procedures. 2,761,810, 9-4-56, Cl. 167-84.5.
- Singleton, Arthur E., to The Toidev Co. Gertrude A. Muller, Inc. Removable auto seat for children. 2,739,641, 3-27-56, Cl. 155-11.
- Singleton, Benoit M., to Woodlin Metal Products. Universal roof stack. 2,763,196, 9-18-56, Cl. 98-46.
- Singleton, Clifford L., to General Developers Co. Verifying machine. 2,760,183, 8-21-56, Cl. 340-149.
- Singleton, Clifford L., to General Developers Co. Verifying machine. 2,761,122, 8-28-56, Cl. 340-152.



- Singleton, Frank: *See*—  
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Singleton, Richard H., to National Research Corp. Method of producing titanium. 2,770,541, 11-13-56, Cl. 75-84.5.  
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Sink, Robert L., to Consolidated Engineering Corp. Vibration measuring apparatus. 2,739,474, 3-27-56, Cl. 73-70.  
Sink, Robert L., to General Electric Co. Automatic gain control circuits for pulse receivers. 2,743,355, 4-24-56, Cl. 250-20.  
Sink, Robert L., to Consolidated Electrodynamics Corp. Mass spectrometry. 2,752,502, 6-26-56, Cl. 250-41.9.  
Sink, Robert L., to Consolidated Electrodynamics Corp. Analog-digital converter. 2,775,754, 12-25-56, Cl. 340-347.  
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Sisson, Kenneth O., to General Motors Corp. Agitating and spinning mechanism. 2,758,685, 8-14-56, Cl. 192-3.5.  
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Six, Willem, and J. Domburg, to Hartford National Bank and Trust Co., as trustee. Multi-glow switch tube. 2,757,307, 7-31-56, Cl. 313-197.  
Six, Willem, and J. Domburg, to Hartford National Bank and Trust Co. as trustee. Busy tone circuit for automatic telephone systems. 2,763,722, 9-18-56, Cl. 179-18.  
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Skeeters, John D., and K. H. Dunlap, to F. C. Huyck & Sons. Spliced woven fabrics and method of splicing the same. 2,748,445, 6-5-56, Cl. 23-72.  
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- Skeirik, Roy M.: *See—*  
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- Skelly, William G., to International Minerals & Chemical Corp. Production of ferrous salts of monoamino lower aliphatic dicarboxylic acids. 2,766,268, 10-9-56, Cl. 260—439.
- Skelton, Charles W., and J. S. Mason, to Texas Instruments Inc. Binary frequency divider. 2,763,780, 9-18-56, Cl. 235—36.
- Skelton, Dennis R., to International Standard Electric Corp. Electro-acoustic transducers. 2,748,882, 6-5-56, Cl. 181—31.
- Skelton, Jesse D., to Esso Research and Engineering Co. Variable density recording of galvanometer motion. 2,769,683, 11-4-56, Cl. 346—109.
- Skelton, Kenneth V. Shelf attachment. 2,732,952, 1-31-56, Cl. 211—49.
- Skelton, Peter A., and J. B. Poepping: said Poepping assor. to said Skelton. Casting reel. 2,736,510, 2-28-56, Cl. 242—84.5.
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- Skeritt, Roy P., to Economatic Products Co. Process for making fibrous glass sheet. 2,765,587, 10-9-56, Cl. 49—77.
- Skiba, George: *See—*  
 Odegard, John and Skiba. 2,742,623.
- Skibiski, Joseph. Viewing device for combustion chambers. 2,733,707, 2-7-56, Cl. 126—200.
- Skidmore, Frank O., to The General Tire & Rubber Co. Method of making skid-resistant tire. 2,774,409, 12-18-56, Cl. 154—14.
- Skiles, Benjamin F.: *See—*  
 Barnhart, George, and Skiles. 2,772,284.
- Skiles, William C., Jr., J. N. Masci, and H. F. Maso, to Johnson & Johnson. Dressing. 2,764,976, 10-2-56, Cl. 128—156.
- Skillen, William: *See—*  
 Barrington, William F., and Skillen. 2,768,777.
- Skilling, William H. Telegraphic apparatus. 2,741,662, 4-10-56, Cl. 178—33.
- Skilings, Harold F., to The Blanchard Machine Co. Gauging device for surface grinder. 2,751,722, 6-26-56, Cl. 51—131.
- Skillington, Thomas W.: *See—*  
 Duenke, Clarence G., and Skillington. 2,771,717.
- Skillman, T. S., and Co. Pty. Ltd.: *See—*  
 Skillman, Thomas S. 2,754,399.
- Skillman, Thomas S., to Punch Engineering Pty. Ltd. Control arrangement for article dispensing systems. 2,733,833, 2-7-56, Cl. 221—7.
- Skillman, Thomas S., to Punch Engineering Pty. Ltd. Article transfer arrangements. 2,738,367, 3-20-56, Cl. 198—32.
- Skillman, Thomas S., to T. S. Skillman and Co. Pty. Ltd. Signalling arrangements for telephone systems. 2,754,369, 2-7-56, Cl. 179—84.
- Skinner, B. C.: *See—*  
 Moser, Robert C. 2,751,896.
- Skinner, B. L.: *See—*  
 Moser, Robert C. 2,751,896.
- Skinner, Bronson C., to B. W. Skinner. Length compensating devices. 2,755,784, 7-24-56, Cl. 123—90.
- Skinner, Bronson C., to Minute Maid Corp. Apparatus for concentrating citrus juices or the like. 2,764,233, 9-25-56, Cl. 159—13.
- Skinner Brothers Co.: *See—*  
 Rose, Robert E. 2,745,703.
- Skinner, Bruce W.: *See—*  
 Moser, Robert C. 2,751,896.
- Skinner, Brunhilde W.: *See—*  
 Skinner, Bronson C. 2,755,784.
- Skinner, Clawson N.: *See—*  
 Van Court, Carl P., Kinsman, and Skinner. 2,773,308.
- Skinner, Davis A., to Union Oil Co. of California. Preparation and use of specific adsorbents. 2,763,603, 9-18-56, Cl. 196—147.
- Skinner, Davis A., to Union Oil Co. of California. Distillation of hydrocarbons from solvent extract in the presence of water. 2,765,356, 10-9-56, Cl. 260—674.
- Skinner, Gordon E., to Monsanto Chemical Co. Purification of  $TiCl_4$ . 2,734,797, 2-14-56, Cl. 23—87.
- Skinner, Herbert W. B.: *See—*  
 Cooke, Arthur H., Skinner, and Ward. 2,738,418.
- Skinner, James B.: *See—*  
 Moser, Robert C. 2,751,896.
- Skinner, John H. Cigarette extinguisher. 2,763,268, 9-18-56, Cl. 131—256.
- Skinner, Kenneth G., to the United States of America as represented by the Solicitor of the Department of the Interior. Process of producing a crystalline magnesium-aluminum-silicate material. 2,731,353, 1-17-56, Cl. 106—62.
- Skinner, Leslie A.: *See—*  
 Hudson, Colin M., and Skinner. 2,764,091.
- Skinner, M. B. Co.: *See—*  
 Hall, Frank J. 2,762,388.
- Skinner, Ralph F.: *See—*  
 McLaughlin, Lowell O., and Skinner. 2,755,907.
- Skinner, Ralph L., to Renikis Co. Plastic seal. 2,750,212, 6-12-56, Cl. 286—5.
- Skinner, Ralph L. Mechanical bearing. 2,768,034, 10-23-56, Cl. 308—77.
- Skinner, Robert K.: *See—*  
 Lowry, Ned W., and Skinner. 2,766,833.
- Treaser, Robert C., Kessler, and Skinner. 2,761,518.
- Skinner, Harry C.: *See—*  
 Johnston, Mordica O., and Skinner. 2,751,014.
- Skirvin, Chester C., to Trimble, Inc. Dressing table screen guard supporting means for infant's bath stand. 2,769,983, 11-13-56, Cl. 4—177.
- Skirvin, Chester C., to Trimble, Inc. Screen guard structure for light dressing table of infant's bath stand. 2,769,984, 11-13-56, Cl. 4—177.
- Skirvin, Chester C., to Trimble, Inc. Article pocket for infant's folding bath stand. 2,769,985, 11-13-56, Cl. 4—177.
- Skirvin, Chester C., to Trimble, Inc. Dressing table supporting means for infant's bath stand. 2,769,986, 11-13-56, Cl. 4—177.
- Skistimas, George, to The Zeller Corp. Cowl mounting for aircraft engines. 2,771,063, 11-20-56, Cl. 123—417.
- Skivens, Kristian, to Selas Corp. of America. Roll seal. 2,742,276, 11-17-56, Cl. 326—3.
- Skjaerpe, Odd and R., to P. A. Underhaugs Fabrik. Land-clearing plow attachment. 2,738,501, 3-20-56, Cl. 37—2.
- Skjaerpe, Ragnvald: *See—*  
 Skjaerpe, Odd and R. 2,738,501.
- Sklarek, Clifford. Vibration damped mirrors. 2,750,840, 6-19-56, Cl. 88—98.
- Skog, Graham H. Gear worm thread generating machine. 2,756,641, 7-31-56, Cl. 90—3.
- Skoglund, Bertil J.: *See—*  
 Doering, Charles and H. 2,770,039.
- Skoglund, Bertil J., to C. and H. Doering. Automatic feed synchronizing mechanism for substances preparatory to processing. 2,770,038, 11-13-56, Cl. 31—8.
- Skolnik, Marvin, to The Weldon Tool Co. 2,730,883, 1-17-56, Cl. 66—187.
- Skole, Viggo. Knitting of stockings. 2,736,180, 2-28-56, Cl. 60—89.
- Skolnik, Marvin, to The Weldon Tool Co. Vacuum pump. 2,770,414, 11-13-56, Cl. 230—149.
- Skook, Ingvar A.: *See—*  
 Nycander, Sven H., Skook, and Wimmerstedt. 2,738,175.
- Skorup, Gordon E.: *See—*  
 Skorsbom, Simeon L., and Skorup. 2,738,768.
- Skowron, John F., to Raytheon Mfg. Co. High frequency electrical oscillators. 2,766,403, 10-9-56, Cl. 315—39.69.
- Skrainka, Ralph N. Combination swimming pool, skating rink and exhibition floor. 2,766,046, 10-9-56, Cl. 272—3.
- Skrumme, Arnold B.: *See—*  
 McClellan, Marcus E., Skrumme, Sutherland, Adams, and Griffin. 2,746,233.
- McKibben, Eugene G., and Skrumme. 2,755,724.
- Summers, Neil W., and Skrumme. 2,748,556.
- Sutherland, Gail R., Gustafson, and Skrumme. 2,731,995.
- Skrumme, Arnold B., to Deere Mfg. Co. Safety control for self-interrupting clutch. 2,746,584, 5-22-56, Cl. 192—28.
- Skrumme, Arnold B., to Deere Mfg. Co. Baler needle drive means. 2,760,425, 9-28-56, Cl. 100—19.
- Skrumme, Arnold B., to Deere Mfg. Co. Harvester unit mounting frame. 2,763,115, 9-18-56, Cl. 56—16.
- Skrumme, Arnold B., to Deere Mfg. Co. Attachment means for forage harvester cutters. 2,763,306, 9-18-56, Cl. 146—108.
- Skrumme, Arnold B., E. G. McKibben, and E. R. Craddock, to Pineapple Research Institute of Hawaii. Trash mulch seed bed machine. 2,748,535, 6-5-56, Cl. 47—9.
- Skrumme, Arnold B., and N. W. Summers, to Deere Mfg. Co. Leveling means for crop-handling machine. 2,766,075, 10-9-56, Cl. 302—37.
- Skrumme, Lawrence H., and M. J. Happe, to Sperry Rand Corp. Rake bar bearing. 2,750,729, 6-19-56, Cl. 56—377.
- Stuff Guard, Inc.: *See—*  
 Seabrook, Charles E. 2,739,357.
- Skumawitz, Max, to Bossong-Werk G. m. b. H. Device for shooting pins and bolts. 2,771,607, 11-20-56, Cl. 1—44.5.
- Skuraw, Gilbert. Battery contact clamps. 2,749,530, 6-5-56, Cl. 839—228.
- Skutne Miz. Co.: *See—*  
 Powers, Milton A. 2,740,396.
- Skwarek, Frank J., to Polaroid Electronics Corp. Tuning mechanism for radio receivers. 2,774,243, 12-18-56, Cl. 74—10.6.
- Skwarlo, Edward J.: *See—*  
 Sanabria, John M., and Skwarlo. 2,745,981.
- Skycraft Mfg. Corp.: *See—*  
 Finney, Howard A. 2,754,124.
- Skydyne, Inc.: *See—*  
 Mautner, Steven E. 2,743,029.
- Mautner, Steven E. 2,764,314.
- Mautner, Steven E. 2,767,874.
- Mautner, Steven E. 2,767,876.
- Slaby, Ollie F. Self-steering vehicle. 2,729,026, 1-3-56, Cl. 46—213.
- Slack, Robert E., to International Business Machines Corp. Cooling apparatus. 2,771,278, 11-20-56, Cl. 257—263.
- Slack, Ronald: *See—*  
 Freeman, Wilfred A., and Slack. 2,751,395.
- Slade, Bernard N., to Radio Corp. of America. Transistor devices. 2,766,410, 10-9-56, Cl. 317—235.



- Slade, Raymond M.: *See*—  
Kieger, Frederic L., and Slade. 2,756,674.
- Slager, George. Sport shirt folding and packaging device. 2,760,694, 8-28-56, Cl. 23-37.
- Slaght, William W., to Cleveland Steel Products Corp. Universal joint assembly. 2,770,114, 11-13-56, Cl. 64-17.
- Slaght, William W., to Cleveland Steel Products Corp. Sealed universal coupling trunnion bearings. 2,773,366, 12-11-56, Cl. 64-17.
- Slaght, William W., to Cleveland Steel Products Corp. Sealed trunnion bearing in universal couplings of the cross and yoke type. 2,773,367, 12-11-56, Cl. 64-17.
- Slaght, William W., to Cleveland Steel Products Corp. Universal couplings with sealed bearings. 2,773,368, 12-11-56, Cl. 64-17.
- Slagle, Lucian E.: *See*—  
Meyers, Douglas C., Banks, and Slagle. 2,773,556.
- Slane, Irvin L. Trolling device. 2,739,652, 6-12-56, Cl. 43-44.82.
- Slate, Arthur R., Sr., and H. Koplin, to Zephyr Laundry Machine Co. Apparatus for drying and treating laundry. 2,752,770, 7-3-56, Cl. 68-21.
- Slate, Matthew W., to Allen B. Du Mont Laboratories, Inc. Tuning system. 2,762,924, 9-11-56, Cl. 250-40.
- Slate, Matthew W., to Allen B. Du Mont Laboratories, Inc. Trimmer condenser. 2,762,958, 9-11-56, Cl. 317-249.
- Slater, Raymond N., to Moffatt Ltd. Switch control and indicator. 2,733,467, 1-2-56, Cl. 200-167.
- Slaten, William F. H. Device for restoring to shape the walls and bottoms of deformed sheet metal bread pans. 2,748,735, 6-5-56, Cl. 113-48.
- Slater, Francis W., 50% to W. R. Avenius, Sr. Shower cape and method of making same. 2,757,384, 8-7-56, Cl. 4-145.
- Slater, Frank P.: *See*—  
Jenkins, Chris C., and Slater. 2,768,620.
- Slater, John C., to the United States of America as represented by the Secretary of the Navy. Transducer for producing sound at microwave frequencies. 2,773,996, 12-11-56, Cl. 310-8.1.
- Slater, John M., to Sperry Rand Corp. Stable reference apparatus. 2,740,961, 4-3-56, Cl. 343-7.
- Slater, N., Co. Ltd.: *See*—  
Milne, Winford G., and Ridgers. 2,747,010.
- Slater, Ralph H. Trench hoe. 2,771,201, 11-20-56, Cl. 214-138.
- Slater, Robert E.: *See*—  
Price, Kenneth A., and Slater. 2,730,394.
- Slater, Thurman L., to International Telephone and Telegraph Corp. Artificial horizon indicator. 2,766,401, 10-9-56, Cl. 315-24.
- Slattery, Gerald H. Method and apparatus for freezing solvents out of solutions. 2,764,488, 9-25-56, Cl. 99-192.
- Slaughter, Buell E., Sr., deceased; M. M. Slaughter, executrix. Fuel oil strainer cleaner. 2,756,455, 7-31-56, Cl. 15-306.
- Slaughter, John I. D., McCauley, A. P. Lien, and C. E. Johnson, to Standard Oil Co. Extraction of hydrocarbon oils. 2,762,750, 9-11-56, Cl. 196-13.
- Slaughter, John I., and D. A. McCauley, to Standard Oil Co. Extraction of hydrocarbon oils. 2,762,751, 9-11-56, Cl. 196-13.
- Slaughter, Mattie M.: *See*—  
Slaughter, Buell E., Sr. 2,756,455.
- Slavek, Frederick. Apparatus for forming spirally wrapped plastic strip fiber. 2,738,641, 3-20-56, Cl. 57-12.
- Slaves, Wayne E.: *See*—  
Andrews, Norman F., Slavens, and Adolphson. 2,736,152.
- Slavens, Wayne E., to Deere Mfg. Co. Wagon elevator support for harvesters. 2,747,722, 5-29-56, Cl. 198-122.
- Slavsky, Robert J.: *See*—  
Held, Albert J. 2,760,185.
- Slawinski, Richard.: *See*—  
Krone, Howard C., Meyer, and Slawinski. 2,739,778.
- Krone, Howard C., Meyer, and Slawinski. 2,739,779.
- Slayer, Games, to Owens-Corning Fiberglas Corp. Method and apparatus for attenuating glass and other fibers. 2,729,029, 1-3-56, Cl. 49-17.
- Sloan, Games, to Owens-Corning Fiberglas Corp. Method of and apparatus for linearly feeding an untwisted multifilament strand. 2,729,030, 1-3-56, Cl. 49-17.
- Slayer, Games, to Owens-Corning Fiberglas Corp. Method for forming and collecting fibers. 2,753,598, 7-10-56, Cl. 147-3.
- Slayer, Games, to Owens-Corning Fiberglas Corp. Method and apparatus for making cordage and twine. 2,753,677, 7-10-56, Cl. 57-2.
- Slayer, Games, to Owens-Corning Fiberglas Corp. Filter. 2,774,443, 12-18-56, Cl. 183-51.
- Slayer, Games, to Owens-Corning Fiberglas Corp. Glass composition. 2,774,675, 12-18-56, Cl. 106-50.
- Slayer, Games, and E. Fletcher, to Owens-Corning Fiberglas Corp. Apparatus for attenuating glass and similar fibers. 2,729,027, 1-3-56, Cl. 49-17.
- Slayer, Games, and E. Fletcher, to Owens-Corning Fiberglas Corp. Method and apparatus for simultaneously attenuating and severing glass fibers. 2,729,028, 1-3-56, Cl. 49-17.
- Slayer, Games, H. J. Snow, and S. D. Phillips, to Owens-Corning Fiberglas Corp. Fibrous mat and method and apparatus for producing same. 2,736,362, 2-28-56, Cl. 154-29.
- Slayer, Games, and M. C. Anderson, to Owens-Corning Fiberglas Corp. Method of and apparatus for the high speed packaging of filamentary or strand-like materials. 2,741,009, 4-10-56, Cl. 28-21.
- Slayer, Games, H. J. Snow, and S. D. Phillips, to Owens-Corning Fiberglas Corp. Apparatus for producing and treating fibers. 2,763,099, 9-18-56, Cl. 49-17.
- Slayer, Rudolf S. Device for mixing fluids. 2,747,844, 5-29-56, Cl. 258-4.
- Slayton, Albert E.: *See*—  
Reld, Robert L., Laban, Archenbronn, and Slayton. 2,732,529.
- Slayton, Henis J. Exercise toys. 2,763,483, 9-18-56, Cl. 272-68.
- Slechta, Henry C.: *See*—  
Reynolds, Ellwood W., and Slechta. 2,764,214.
- Sleegers, Paulus A. W. M., to Hartford National Bank and Trust Co., as trustee. Wound capacitor and method of manufacture thereof. 2,765,432, 10-2-56, Cl. 317-260.
- Sleeper, George E., Jr., R. J. Stahl, and C. F. Wolcott, to Color Television Inc. Line sequential color television apparatus. 2,739,181, 3-20-56, Cl. 178-5.2.
- Sleeper, George E., Jr., and R. J. Stahl, to Color Television Inc. Polychrome television with color shift. 2,747,013, 5-22-56, Cl. 178-5.4.
- Sleeper, Murrel B., to Mecha-Finish Corp. Finishing device. 2,749,669, 6-12-56, Cl. 51-7.
- Slemmons, Charles O.: *See*—  
Pfeiffer, Paul O., Slemmons, and King. 2,756,048.
- Slemmons, Charles O., and R. Iredell, III, to The General Tire & Rubber Co. Resilient mounting in the form of a bushing and like assembly for vehicle suspension systems and the like. 2,773,698, 12-11-56, Cl. 280-104.5.
- Slepian, Joseph. Isotope separators. 2,752,503, 6-26-56, Cl. 250-41.9.
- Sletzing, Meyer, and M. Tishler, to Merck & Co., Inc. Process for preparing pteridines. 2,740,784, 4-3-56, Cl. 260-251.5.
- Slevogt, Hermann.: *See*—  
Littmann, Hans, and Slevogt. 2,733,634.
- Slezak, Vincent F. Tape dispensing device. 2,734,576, 1-24-56, Cl. 164-84.5.
- Slezak, Vincent F. Dispensing device for tape holder of the spool type. 2,739,648, 3-27-56, Cl. 164-84.5.
- Slick, Fred S., to J. I. Case Co. Composite distributor rotor. 2,772,372, 11-27-56, Cl. 310-70.
- Sliepevich, Cedonir M.: *See*—  
Dew, John N., and Sliepevich. 2,742,342.
- Slingeland, Arthur J., to E. S. Schneider. Apparatus for shrinking packages around food products. 2,745,419, 5-15-56, Cl. 134-130.
- Slinkman, Roger W.: *See*—  
Smith, Wilson R., and Slinkman. 2,750,559.
- Sloan, Joseph M. Apparatus for packing bearings. 2,736,392, 2-23-56, Cl. 184-1.
- Slivka, William R., and D. H. Silvern. Non-twisted rotor blade turbine. 2,757,902, 8-7-56, Cl. 253-78.
- Sliz, Walter J.: *See*—  
Le Febvre, Alfred L., Johnson, and Sliz. 2,771,117.
- Sloan, Arthur E.: *See*—  
Tandler, William S., Walker, Grossman, and Sloan. 2,756,510.
- Sloan, Frank C. Cushioning and display pack for soft and perishable fruits. 2,767,089, 10-16-56, Cl. 99-171.
- Sloan, Harry, to The Vilter Mfg. Co. System for concentrating anti-freeze solution. 2,747,882, 5-29-56, Cl. 62-140.
- Sloan, Harry E., to The Cushman Chuck Co. Expandible collet. 2,759,733, 8-21-56, Cl. 279-2.
- Sloan, Harry E., J. J. Rutherford, and H. W. Hickey, to The Cushman Chuck Co. Indexing-type chuck. 2,732,216, 1-2-56, Cl. 279-5.
- Sloan, Harry E., and L. B. Swanson, to The Cushman Chuck Co. Work-holding chuck. 2,745,671, 5-15-56, Cl. 279-119.
- Sloan, Harry E., and H. W. Hickey, to The Cushman Chuck Co. Clamping device. 2,751,824, 6-26-56, Cl. 90-61.
- Sloan, Harry E., and H. W. Hickey, to The Cushman Chuck Co. Chucks. 2,757,009, 7-31-56, Cl. 279-112.
- Sloan, Harry E., and J. J. Rutherford, Jr., to The Cushman Chuck Co. Chip guard for chucks. 2,757,010, 7-31-56, Cl. 279-112.
- Sloan, John.: *See*—  
Krone, Kenneth R., Peterson, and Sloan. 2,767,061.
- Swaine, James W., and Sloan. 2,733,337.
- Sloan, John C., Jr., to Allied Chemical & Dye Corp. Process for cooling liquid sulfur. 2,767,060, 10-16-56, Cl. 23-224.
- Sloan, Noah H.: *See*—  
Trilling, Sanford S., and Sloan. 2,738,561.
- Sloan, Oliver C., and J. W. Gibbs. Tubing drain. 2,771,142, 11-20-56, Cl. 166-226.
- Sloan, Richard C. Thermally operated circuit maker. 2,775,669, 12-25-56, Cl. 206-142.
- Sloan, Theodore H. Apparatus for eviscerating shrimp. 2,753,589, 7-10-56, Cl. 17-2.
- Sloan Valve Co.: *See*—  
Filling, Jacques J. 2,729,109.
- Filling, Jacques J. 2,738,946.
- Filling, Jacques J., and Campbell. 2,770,498.
- Filling, Jacques J., and Swartz. 2,746,497.
- Krause, Carl H., and Filling. 2,746,477.
- Sloan, Walter E. Sanitation equipment for use in barber shops and the like. 2,758,330, 8-14-56, Cl. 15-344.
- Sloane, Nathan. Universal mounting devices for photographic apparatus. 2,755,053, 7-17-56, Cl. 248-179.
- Sloane, Robert B. Molded shoe insert. 2,742,657, 4-24-56, Cl. 12-146.

- Sloane, William W., to Goodman Mfg. Co. Control differential transmission gearing. 2,730,182, 1-10-56, Cl. 180-6.44.
- Sloane, William W., to Goodman Mfg. Co. Mechanical miner with cutter head provided with a reciprocating weight. 2,730,343, 1-10-56, Cl. 292-8.
- Sloane, William W., to Goodman Mfg. Co. Mining machine with radially adjustable boring arm. 2,730,345, 1-10-56, Cl. 262-26.
- Sloane, William W., to Goodman Mfg. Co. Paired roll crusher and grizzly feed device therefor. 2,734,988, 2-14-56, Cl. 241-222.
- Sloane, William W., to Goodman Mfg. Co. Locomotive braking circuit. 2,750,551, 6-12-56, Cl. 318-368.
- Sloane, William W., to Goodman Mfg. Co. Mucking machines. 2,761,227, 9-4-56, Cl. 87-116.
- Sloatman, William S., Jr.: *See—*  
Magrane, John K., and Sloatman. 2,773,788.
- Slobins, Marcus. Ventilator detector. 2,744,518, 5-8-56, Cl. 126-198.
- Slobod, Robert L., and S. H. Davis, to The Atlantic Refining Co. Apparatus for continuously logging drill cuttings. 2,749,748, 6-12-56, Cl. 73-153.
- Slocombe, Robert J., to Monsanto Chemical Co. Vinyl acetate/acrylonitrile/styrene terpolymers. 2,757,165, 7-31-56, Cl. 260-80.5.
- Slocombe, Robert J., to Monsanto Chemical Co. Acrylonitrile polymers stabilized with salts of vinyl sulfonic acid. 2,772,250, 11-27-56, Cl. 260-45.7.
- Slocombe, Robert J., E. E. Hardy, and J. H. Saunders, to Monsanto Chemical Co. Method of producing aliphatic and alicyclic carbonates. 2,770,639, 11-13-56, Cl. 260-463.
- Slocombe, Robert J., and J. H. Saunders, to Monsanto Chemical Co. Production of isocyanates from substituted ureas. 2,773,086, 12-4-56, Cl. 290-453.
- Slocombe, Robert J., and G. L. Wesp, to Monsanto Chemical Co. Acrylonitrile copolymers stabilized with cinnamic acid and its salts. 2,775,574, 12-25-56, Cl. 260-45.85.
- Sloot, Arthur G. T. Thr bar attachment for harrows and the like. 2,741,966, 4-17-56, Cl. 97-8.
- Slokker, Petrus W.: *See—*  
Tadema, Harco J., Reman, Brunizeel, and Slokker. 2,768,095.
- Slomer, Joseph J., to Goodman Mfg. Co. Kerf cutting machine with hydraulically operated drill. 2,736,543, 2-28-56, Cl. 262-9.
- Slomer, Joseph J., to Goodman Mfg. Co. Automatic pressure throttling valve for fluid pressure systems. 2,745,430, 5-15-56, Cl. 137-505.13.
- Slomer, Joseph J., to Goodman Mfg. Co. Hydraulic motor circuit for cut-off device or the like. 2,749,707, 6-12-56, Cl. 60-52.
- Slomer, Joseph J., to Goodman Mfg. Co. Valve control means. 2,749,769, 6-12-56, Cl. 74-491.
- Slomer, Joseph J., to Goodman Mfg. Co. Hydraulic motor circuit for cut-off device or the like. 2,764,870, 10-2-56, Cl. 60-97.
- Slong, George, Jr., to The Upjohn Co. Steroid compounds. 2,751,380, 6-19-56, Cl. 260-239.55.
- Slong, George, Jr., to The Upjohn Co. Process of producing epoxy steroid compounds. 2,751,381, 6-19-56, Cl. 260-239.55.
- Slonczewski, Thaddeus, to Bell Telephone Laboratories, Inc. Frequency control system. 2,732,486, 1-24-56, Cl. 250-36.
- Slonczewski, Thaddeus, to Bell Telephone Laboratories, Inc. Measurement of transmission level of lines. 2,735,904, 2-21-56, Cl. 179-175.3.
- Slonczewski, Thaddeus, to Bell Telephone Laboratories, Inc. Heterodyne measuring circuits. 2,767,374, 10-16-56, Cl. 324-57.
- Slong, Howard L.: *See—*  
Martin, James J., and Slong. 2,752,823.
- Slonck, Frank G., to Page Engineering Co. Cooling system for diesel engine. 2,735,415, 2-21-56, Cl. 123-41.44.
- Slonneger, John C., to The Youngstown Sheet and Tube Co. Carburetors for internal combustion engines. 2,755,074, 7-17-56, Cl. 261-16.
- Slonneger, John L.: *See—*  
Euler, George M., and Slonneger. 2,729,756.
- Slonneger, John L., to General Electric Co. Temperature responsive control device. 2,738,397, 3-13-56, Cl. 290-140.
- Slotkin, George B., and C. A. Creely, Cap having a plurality of pockets. 2,744,256, 5-8-56, Cl. 2-195.
- Slouch, George G., to Kanmak Textiles, Inc. Double layer fabric with knitted upper layer and method of making same. 2,749,947, 6-12-56, Cl. 139-423.
- Slough, Hilbert L.: *See—*  
Budd, Wilbert H., Stackhouse, and Slough. 2,740,026.  
Budd, Wilbert H., Stackhouse, and Slough. 2,740,027.
- Slough, Wilbert H.: *See—*  
Alken, Charles B., and Slough. 2,764,755.
- Slover, James W.: *See—*  
Owen, Charles H., and Slover. 2,756,186.
- Slover, Matthew J. Tobacco stemming and tipping machine. 2,759,433, 8-21-56, Cl. 131-126.
- Slovin, David G.: *See—*  
Egge, Edwin G., and Slovlin. 2,761,193.
- Sloviter, Benjamin: *See—*  
Perri, Joseph M., and Sloviter. 2,748,078.
- Sloan, A. Abram, to B. Steinberg Kaslo Co. Costume jewelry. 2,763,079, 9-18-56, Cl. 41-10.
- Slover, Carl J. Wall ventilator. 2,772,022, 12-4-56, Cl. 98-37.
- Sloyan, Jerome J. Machinery supports. 2,762,661, 9-11-56, Cl. 308-5.
- Sloyan, Jerome J. Slidable supports. 2,762,662, 9-11-56, Cl. 308-6.
- Sloyan, Jerome J. Supports. 2,762,663, 9-11-56, Cl. 308-6.
- Sluis, Jan, to Technische Import-Export En Fabricage "Amroh" Hereengracht. Mechanism for an electromagnetic sound recording and reproducing apparatus. 2,732,143, 1-24-56, Cl. 242-54.
- Sluis, John F.: *See—*  
Anderson, Anders W., and Sluis. 2,756,473.
- Slutz, Ralph J., to the United States of America as represented by the Secretary Commerce. Regenerative shaping of electric pulses. 2,748,269, 5-29-56, Cl. 250-27.
- Sly, Leslie W., W. P. Doh, and H. G. Fisher, to Fisher-Price Toys, Inc. Wheeled figure toy. 2,747,327, 5-29-56, Cl. 46-105.
- Slye, Milo W.: *See—*  
Frolo, Frank V., and Slye. 2,763,822.
- Slyh, John A., J. B. Lynch, and R. J. Runck, to Battelle Development Corp. Protective coating method. 2,749,254, 6-5-56, Cl. 117-46.
- Small, Adelbert E.: *See—*  
Fish, Marion F., and Small. 2,756,788.
- Small, A. G.: *See—*  
Gladrow, Elroy M., and Small. 2,762,792.
- Small, Charles G.: *See—*  
Gutterman, Robert P., and Small. 2,737,864.
- Small, Charles J.: *See—*  
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- Small, Douglas M.: *See—*  
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Le Febvre, Alfred L., Small, Johnson, and Cleveland. 2,745,004.
- Small, Edward F. Fishing reel. 2,751,165, 6-19-56, Cl. 242-84.1.
- Small, James W. Continuous film feed means for a motion picture projector unit. 2,740,628, 4-3-56, Cl. 271-218.
- Small, Samuel W., to Atkins Industries Inc. Block-and-tape lumber measuring device for bench saws. 2,747,625, 5-29-56, Cl. 143-174.
- Small, Solmie W., and D. Herman. Drink dispensing mechanism. 2,755,006, 7-17-56, Cl. 226-46.2.
- Small, William B., T. Jeppesen. Vegetable cutter and shredder. 2,729,255, 1-3-56, Cl. 146-78.
- Small, William E., to Perfect Circle Corp. Machine for heat-treating strip material. 2,742,279, 4-17-56, Cl. 266-2.5.
- Smallberg, Harry, to General Sewing Corp. Luggage covers. 2,732,046, 1-24-56, Cl. 190-26.
- Smallberg, Harry R. Foldable, limn-walled article of luggage. 2,774,450, 12-18-56, Cl. 190-43.
- Small, Oscar C.: *See—*  
Rink, Oscar C. 2,729,299.
- Smallegan, Marvin L., to Automatic Poultry Feeder Co. Adjustable bracket. 2,729,415, 1-3-56, Cl. 248-244.
- Smallegan, Marvin L., to Automatic Poultry Feeder Co. Chicken shoes. 2,737,823, 3-13-56, Cl. 74-240.
- Smallegan, Marvin L., to Automatic Poultry Feeder Co. Poultry feeder. 2,742,020, 4-17-56, Cl. 119-52.
- Smallegan, Marvin L., to Automatic Poultry Feeder Co. Poultry feeder. 2,742,139, 4-17-56, Cl. 198-85.
- Smallegan, Marvin L., to Automatic Poultry Feeder Co. Multifold feeders. 2,769,527, 11-6-56, Cl. 198-85.
- Smalley, Burton M., to Joslyn Mfg. & Supply Co. Insulator bracket. 2,740,827, 4-3-56, Cl. 174-162.
- Smalley, Francis A. Anglers knot tying vise. 2,773,713, 12-11-56, Cl. 289-17.
- Smals, Jacobus L.: *See—*  
Kamp, Johannes J., and Smals. 2,771,771.
- Smart, Clarence F., to General Motors Corp. Electrodeposition of antimony and antimony alloys. 2,750,333, 6-12-56, Cl. 204-43.
- Smart, Clarence F., to General Motors Corporation. Electrodeposition of lead and lead alloys. 2,751,341, 6-19-56, Cl. 204-43.
- Smart, Clarence F., to General Motors Corp. Electroplated article. 2,755,537, 7-24-56, Cl. 29-196.6.
- Smart, Clarence F., to General Motors Corp. Method of plating chromium over antimony. 2,764,538, 9-25-56, Cl. 204-29.
- Smart, John S., Jr., to American Smelting and Refining Co. Continuous metal casting process. 2,740,177, 4-3-56, Cl. 22-200.1.
- Smart, William F., to National Star Products Inc. Paper coating machine. 2,772,981, 12-4-56, Cl. 106-203.
- Smart, William L.: *See—*  
Juvinal, Robert C., and Smart. 2,759,764.
- Smathers, Henry A., 1/2 to V. G. Jarman. Method of filling tubular coin wrappers. 2,742,203, 12-18-56, Cl. 53-29.
- Smear, Mfg. Co.: *See—*  
Hoffman, Harold J. 2,756,515.
- Smeko, Florian. Gun sights. 2,744,331, 5-8-56, Cl. 33-58.
- Smedley, Claude C.: *See—*  
Smedley, Wiley R., and C. C. 2,735,596.
- Smedley, John, to Rolls-Royce Ltd. Methods of machining and apparatus therefor. 2,741,163, 4-10-56, Cl. 90-13.4.
- Smedley, John, to Rolls-Royce Ltd. Methods of and apparatus for working materials. 2,741,164, 4-10-56, Cl. 90-24.3.
- Smedley, Wiley R., and C. C. Device for holding a fishing pole. 2,735,596, 2-21-56, Cl. 224-5.
- Smerke, John J., to Leeds and Northrup Co. Controllers having reset action. 2,762,385, 9-11-56, Cl. 137-86.



- Smerz, Frank W., to Western Electric Co., Inc. Chucks for aligning and clamping parts thereon. 2,749,136, 6-5-56, Cl. 279-50.
- Smerz, Frank W., to Western Electric Co., Inc. Screw head aligning device for screw slotting machine. 2,763,877, 9-25-56, Cl. 10-5.
- Smet, Rene. Method of and apparatus for sinking gravel filter bed wells. 2,755,861, 7-24-56, Cl. 166-18.
- Smetana, Otto F., to Phil Cord Corp. Widened knitted fabric and method of making the same. 2,746,276, 5-22-56, Cl. 66-189.
- Smethurst, Harold A. Emergency lamp. 2,735,928, 2-21-56, Cl. 240-371.
- Smialkowski, Edwin J.: See—
- Niederhauser, Warren D., and Smialkowski. 2,752,384.
- Smith, F. L., and Co.: See—
- Ahlmann, Nikolai. 2,751,079.
- Galle, Hans E. 2,755,725.
- Jensen, Ejler. 2,774,516.
- Nielsen, Sigurd. 2,743,006.
- Nielsen, Sigurd. 2,743,007.
- Petersen, Louis. 2,740,620.
- Petersen, Louis. 2,750,182.
- Petersen, Louis. 2,757,921.
- Sylvest, Karl J. 2,742,328.
- Sylvest, Karl J. 2,761,668.
- Sylvest, Karl J. 2,764,316.
- Sylvest, Karl J. 2,774,637.
- Smith, F. L., and Co. A/S. 2,774,637.
- Magnani, Alessandro. 2,739,483.
- Magnani, Alessandro. 2,741,955.
- Smith, Leonard, to American Viscose Corp. Process for producing densified granular thermosetting molding compositions. 2,755,609, 7-24-56, Cl. 18-47.5.
- Smiley, Charles E. Hermetically sealed electrical apparatus. 2,730,686, 1-10-56, Cl. 339-89.
- Smiley, Gerald T. Cartridge case trimmer. 2,744,307, 5-8-56, Cl. 29-132.
- Smilges, Robert: See—
- Dams, Cecil E., and Smilges. 2,762,342.
- Smillie, Winston B., to Platt & Smillie Chemicals, Inc. Applicator. 2,768,399, 10-30-56, Cl. 15-131.
- Smillie, Winston B., and J. L. Rainey, to Platt & Smillie Chemicals, Inc. Applicator. 2,768,400, 10-30-56, Cl. 15-131.
- Smiradalo, Anthony C. Adjustable car screen. 2,760,568, 8-23-56, Cl. 160-372.
- Smiradalo, Anthony C. Adjustable car screen. 2,768,682, 10-30-56, Cl. 160-372.
- Smirl, Richard L., to Borg-Warner Corp. Transmission. 2,736,407, 2-28-56, Cl. 192-3.2.
- Smith, Richard, to Borg-Warner Corp. Speed responsive fluid clutch. 2,771,976, 11-27-56, Cl. 192-85.
- Smisko, John, to Aeroquip Corp. Locking pawl. 2,731,058, 1-17-56, Cl. 151-39.
- Smisko, Paul, to Stackpole Carbon Co. Dynamoelectric brush and method of making same. 2,739,912, 3-27-56, Cl. 17-223.
- Smit, Anton & Co., Inc.: See—
- Karpovitz, Frank. 2,738,784.
- Smit, Johannes H. Chord-changing device. 2,746,337, 5-22-56, Cl. 84-317.
- Smit-Rontgen N. V.: See—
- Zaalberg, Willem. 2,771,330.
- Smith, A. L., Iron Co.: See—
- Kruger, Michael H. 2,734,126.
- Kruger, Michael H. 2,740,883.
- Kruger, Michael H. 2,740,885.
- Smith, A. O., Corp.: See—
- Andrus, Orrin E. 2,744,863.
- Andrus, Orrin E. 2,748,250.
- Andrus, Orrin E. 2,752,308.
- Andrus, Orrin E. 2,764,541.
- Andrus, Orrin E. 2,768,424.
- Berg, William F. 2,729,432.
- Berg, William F. 2,729,433.
- Broberg, Leonard E. 2,755,942.
- Broberg, Leonard E. 2,747,703.
- Broberg, Leonard E., and Dueringer. 2,764,320.
- Broughton, Dean C. 2,752,204.
- Broughton, Dean C., and Dueringer. 2,729,268.
- Buehner, Howard A. 2,736,294.
- Craig, Bruce G. 2,744,848.
- Dueringer, Erwin G., and Martin. 2,736,461.
- Ernestus, Adolph W. 2,729,313.
- Felt, Adolph E. 2,729,287.
- Gruetjen, Frederick A. 2,751,667.
- Healy, James H., and Sullivan. 2,754,222.
- Hortvert, Richard M. 2,772,082.
- Martin, Wesley G. 2,755,771.
- Nystrom, Albert F. 2,764,031.
- Pett, George B. 2,739,376.
- Polszer, John O. 2,751,724.
- Rauter, Frederick W. 2,755,510.
- Reed, Daniel J. 2,747,649.
- Reed, Daniel J. 2,751,672.
- Reed, Daniel J., and Kennedy. 2,764,124.
- Schilberg, Arnold G. 2,739,822.
- Schilberg, Arnold G. 2,747,887.
- Seymour, Hale D. 2,755,749.
- Sherman, Donald W. 2,755,892.
- Smith, George M. 2,768,597.
- Steen, William E. 2,746,430.
- Thompson, Phillip A. 2,747,975.
- Smith, Albert G.: See—
- McAfee, Jerry, and Smith. 2,753,293.
- Unruh, Cornelius C., and Smith. 2,768,154.
- Smith, Albert P. Variable displacement pump unit. 2,737,900, 3-13-56, Cl. 103-162.
- Smith, Alexander, and B. D. Baggis. Adjustable horizontally rotated multiblade mowing attachment. 2,732,075, 1-31-56, Cl. 56-6.
- Smith, Alexander, and B. D. Baggis. Lawn mower with variable speed transmission. 2,740,246, 4-3-56, Cl. 56-25.4.
- Smith, Alexander, Inc.: See—
- Estuary, Elias J. 2,768,649.
- Florio, Patrick A., and Rainard. 2,734,835.
- Goodhue, William. 2,758,357.
- Hay, William D. 2,734,228.
- Linscott, Leroy N. 2,751,937.
- McRainard, Leo W., and Smith. 2,734,834.
- Runtun, Leslie A., and Dejeuhr. 2,770,283.
- Runtun, Leslie A., and Mersereau. 2,741,825.
- Runtun, Leslie A., and Shattuck. 2,738,296.
- Schock, Alfred. 2,768,671.
- Schock, Alfred. 2,770,216.
- Shattuck, Ewart H. 2,751,661.
- Shattuck, Ewart H. 2,758,358.
- Shattuck, Ewart H. 2,760,252.
- Smith, Alfred J.: See—
- Andrews, Walter A., and Smith. 2,741,088.
- Smith, Alfred J., to The D. B. Smith & Co., Inc. Hand spray pumps. 2,743,135, 4-24-56, Cl. 299-97.
- Smith, Allen E.: See—
- O'Brien, George E., Smith, and Bornmann. 2,763,588.
- O'Brien, George E., Smith, and Bornmann. 2,763,589.
- Smith, Allen E., A. W. Feldman, and G. M. Stone, to United States Rubber Co. N-1-naphthylphthalamic acid herbicidal compositions. 2,736,646, 2-28-56, Cl. 71-2.4.
- Smith, Allen E., A. W. Feldman, and G. M. Stone, to United States Rubber Co. N-1-naphthylphthalamic acid herbicidal compositions. 2,736,647, 2-28-56, Cl. 71-2.6.
- Smith, Allen E., G. E. O'Brien, and A. Bornmann, to United States Rubber Co. Substituted 1-benzoyl-2-phenylhydrazine fungicidal compositions and method of applying to plants. 2,758,051, 8-7-56, Cl. 167-30.
- Smith, Allen E., G. E. O'Brien, and A. Bornmann, to United States Rubber Co. 1-benzoyl-2-(4-chlorophenyl) hydrazine fungicidal composition and method of applying to plants. 2,758,052, 8-7-56, Cl. 167-30.
- Smith, Allen E., G. E. O'Brien, and A. Bornmann, to United States Rubber Co. Method of controlling fungi on plants and seeds with benzoyl phenyl hydrazines. 2,758,053, 8-7-56, Cl. 167-30.
- Smith, Allen E., G. E. O'Brien, and A. Bornmann, to United States Rubber Co. Substituted 1-benzoyl-2-phenylhydrazine fungicidal compositions and method of applying to plants. 2,758,054, 8-7-56, Cl. 167-30.
- Smith, Allen E., A. W. Feldman, and G. M. Stone, to United States Rubber Co. N-1-naphthylphthalamic acid herbicidal compositions. 2,770,537, 11-13-56, Cl. 71-2.4.
- Smith, Alma C. and R. L. Lunch box. 2,763,366, 9-18-56, Cl. 206-4.
- Smith, Alonzo L. Hearing aid, construction and support therefor. 2,765,372, 10-2-56, Cl. 179-107.
- Smith, Alva T., and Alva T. Smith Co. Joint structure for a multiple tool. 2,760,799, 8-28-56, Cl. 287-51.
- Smith, Alva T. Co., The: See—
- Smith, Alva T. 2,760,799.
- Smith, Andrew P., to Smith-Byrne Co., Inc. Graphite containing metallurgical coke and process for its manufacture. 2,732,333, 1-24-56, Cl. 202-33.
- Smith, Anthony P., and G. Fletcher. Insecticide—and like spraying equipment. 2,744,662, 5-8-56, Cl. 222-189.
- Smith, Archie E.: See—
- Sasnett, Russell M., and Smith. 2,741,104.
- Smith, Archie E. and W. L. Ladder stage. 2,732,264, 1-24-56, Cl. 304-10.
- Smith, Arthur D., to Kaiser Aluminum & Chemical Corp. Article handler. 2,732,083, 1-24-56, Cl. 214-1.
- Smith, Arthur D., to Kaiser Aluminum & Chemical Corp. Taper rolling mill. 2,734,407, 2-13-56, Cl. 80-56.
- Smith, Arthur D., to Kaiser Aluminum & Chemical Corp. Method and apparatus for unwrapping a coil of metal stock. 2,762,418, 9-11-56, Cl. 153-54.
- Smith, Arthur E. W., to Ed Geistlich Sohne A. G. fur Chemische Industrie. New antitubercular compounds and process of preparing same. 2,758,117, 8-7-56, Cl. 260-295.
- Smith, Arthur E. W., and E. Hofstetter, to Ed. Geistlich Sohne A. G. fur Chemische Industrie. Preparation of intestinal disinfectants. 2,752,342, 6-26-56, Cl. 260-239.05.
- Smith, Arthur F.: See—
- Carroll, Fred M., and Smith. 2,753,792.
- Smith, Arthur F. Process for continuous production of polyvinyl chloride. 2,762,769, 9-11-56, Cl. 204-163.
- Smith, Arthur F. Bumper mounts for trailer hitches. 2,772,099, 11-27-56, Cl. 280-502.
- Smith, Arthur L. J., to Radio Corp. of America. Multi-color kinescope screen. 2,753,154, 1-31-56, Cl. 117-33.5.
- Smith, Arthur L. J., to Radio Corp. of America. Fluoride phosphors. 2,746,933, 5-22-56, Cl. 252-301.4.
- Smith, Aubrey J., Sr. Knot-tying implement. 2,758,858, 8-14-56, Cl. 289-17.
- Smith, Austin G., to Power Jets (Research and Development) Ltd. Blading for turbines and like machines. 2,750,147, 6-12-56, Cl. 233-39.15.
- Smith, Baynard R., to Steatite Research Corp. Multiple solder-scan bushing. 2,770,669, 11-13-56, Cl. 174-152.

- Smith Bearing Co., Inc., The: *See*—  
Ritchie, Frank W., and Maas. 2,729,520.
- Smith, Belmont D. Rotary bit for dry rock drilling. 2,751,196, 6-19-56, Cl. 2355-304.
- Smith, Ben J., and R. T. Butler, to Ford Motor Co. Lock mechanism. 2,753,203, 7-3-56, Cl. 292-251.
- Smith, Bernard, to the United States of America as represented by the Secretary of the Navy. Rocket motor junction. 2,761,279, 9-4-56, Cl. 60-35-6.
- Smith, Blanchard D., to Scripto, Inc. Retracting mechanism for ball point pens and the like. 2,750,926, 6-19-56, Cl. 120-42-03.
- Smith, Blanchard D., to Scripto, Inc. Retractable ball pen. 2,775,228, 12-25-56, Cl. 120-42-03.
- Smith, Bob H., to the United States of America as represented by the United States Atomic Energy Commission. Polyphase voltage generator. 2,731,590, 1-17-56, Cl. 321-36.
- Smith, Brook I.: *See*—  
Boston, Edward D., and Smith. 2,735,804.  
Jahmig, Charles E., and Smith. 2,743,216.  
Maisei, Daniel S., and Smith. 2,733,286.  
Wilson, Howard L., Banes, Smith, and Nelson. 2,736,085.
- Smith, Brook I., to Esso Research and Engineering Co. Coke calcining process. 2,734,851, 2-14-56, Cl. 202-14.
- Smith, Brook I., to Esso Research and Engineering Co. Hydrolysis of ethyl sulfates. 2,765,347, 10-2-56, Cl. 260-639.
- Smith, Brook I., and C. E. Jahmig, to Esso Research and Engineering Co. Integrated coking and calcining process. 2,734,853, 2-14-56, Cl. 202-31.
- Smith, Brook I., and W. L. Rader, to Esso Research and Engineering Co. Acid absorption of olefins. 2,755,297, 7-17-56, Cl. 260-460.
- Smith, Bruce N.: *See*—  
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- Smith, Burns A.: *See*—  
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- Smith, Burton O., to Vacuum Can Co. Hot liquid dispensing means. 2,759,407, 7-10-56, Cl. 219-41.
- Smith-Byrne Co., Inc.: *See*—  
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- Smith, Byrom J., to Heli-Coil Corp. Deformable plastic nut having wire coil insert threads retained therein. 2,755,281, 12-25-56, Cl. 151-7.
- Smith, Carl H., Jr.: *See*—  
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- Smith, Carl K., to Bonn Engineering Co. Apparatus for printing metal articles. 2,742,739, 4-24-56, Cl. 51-9.
- Smith, Carl L.: *See*—  
McKenzie, Robert T., and Smith. 2,763,565.
- Smith, Carl W., and N. W. Templin, to Standard Oil Co. Method of killing files with composition comprising prethrin and p-aminoazobenzene. 2,772,198, 11-27-56, Cl. 167-24.
- Smith, Carlisle F., to J. I. Case Co. Baling machine. 2,770,184, 11-13-56, Cl. 100-19.
- Smith, Carroll Dunham, Pharmacal Co.: *See*—  
Neesby, Torberg E. 2,768,875.
- Smith, Charles B.: *See*—  
Fanti, Roy A., and Smith. 2,739,770.
- Smith, Charles B., to United Aircraft Corp. Spinner construction for an aeronautical propeller. 2,755,868, 7-24-56, Cl. 170-159.
- Smith, Charles C., to Darlington Fabrics Corp. Method of producing fibrous covering for elastic thread. 2,733,179, 1-31-56, Cl. 154-91.
- Smith, Charles C., to The Locomotive Finished Material Co. Stabilizers or cushioning devices for railway trucks. 2,744,750, 5-8-56, Cl. 267-67.
- Smith, Charles D.: *See*—  
Litts, John, and Smith. 2,773,599.
- Smith, Charles E. Parts remover. 2,737,139, 3-6-56, Cl. 113-50.
- Smith, Charles E., to Avery Adhesive Label Corp. Web feed control for printing and die-cutting press. 2,748,697, 6-5-56, Cl. 101-227.
- Smith, Charles G., to Chopping and mixing bowl. 2,739,464, 3-27-56, Cl. 65-15.
- Smith, Charles G., to Raytheon Mfg. Co. Zone-refining apparatus. 2,773,923, 12-11-56, Cl. 13-26.
- Smith, Charles Harry: *See*—  
MacGregor, Peter S., and Smith. 2,771,090.
- Smith, Charles J., and C. E. Read, to Monroe Auto Equipment Co. Power steering device and valve therefor. 2,755,627, 7-24-56, Cl. 60-52.
- Smith, Charles R., to Cutler-Hammer, Inc. Electric snap switches. 2,757,450, 6-19-56, Cl. 200-67.
- Smith, Charles R., to Cutler, Hammer, Inc. Diaphragm elements. 2,751,935, 6-26-56, Cl. 137-79-5.
- Smith, Charles S., to The Babcock & Wilcox Co. Waste heat vapor generator. 2,754,907, 7-17-56, Cl. 122-7.
- Smith, Charles S., to Controls Co. of America. Pivotal joints. 2,767,000, 10-16-56, Cl. 287-20.
- Smith, Charles T.: *See*—  
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- Smith, Clarence C.: *See*—  
Attwood, John G., and Smith. 2,741,198.
- Smith, Clarence C., to Union Special Machine Co. Feed-off-the-arm knit goods machine. 2,729,176, 1-3-56, Cl. 112-63.
- Smith, Clarence E., to Crop dusting machine. Re. 24,256, 12-11-56, Cl. 43-148.
- Smith, Clarence M., to The Bryant Electric Co. Wiring device. 2,773,248, 12-4-56, Cl. 339-164.
- Smith, Clarence R. Adjustable oil filler spout. 2,750,003, 6-12-56, Cl. 184-105.
- Smith, Clayton W.: *See*—  
Antonidis, John E., Edmundson, Smith, and House. 2,774,894.
- Smith, Cleopatra S., to Syntroon Co. Vaporizing apparatus for producing selenium rectifiers. 2,767,682, 10-23-56, Cl. 118-49.
- Smith, Clifford B., to Vince Corp. Method of making pre-loaded bearings. 2,759,243, 8-23-56, Cl. 28-148-4.
- Smith, Clifford B., to The Firestone Tire & Rubber Co. Non-metallic enclosure. 2,731,055, 1-17-56, Cl. 150-52.
- Smith, Clifford W. Strainer attachment for receptacles. 2,748,946, 6-5-56, Cl. 210-163.
- Smith, Cloyd W., and R. L. Matthews, to H. Stroh. Apparatus for spacing and drying operations. 2,732,701, 1-31-56, Cl. 68-20.
- Smith-Corona, Inc.: *See*—  
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- Smith, Curtis W.: *See*—  
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Payne, George B., and Smith. 2,761,870.
- Smith, Curtis W., to Shell Development Co. Hydroxylation process. 2,731,502, 1-17-56, Cl. 260-635.
- Smith, Curtis W., to Shell Development Co. Treatment of aralkyl hydroperoxides. 2,735,871, 2-21-56, Cl. 260-610.
- Smith, Curtis W., to Shell Development Co. Thermoplastic polycondensates plasticized with certain esters of substituted 1,5-pentanediols. 2,744,877, 5-8-56, Cl. 260-31-4.
- Smith, Curtis W., to Shell Development Co. Oxidation with peroxides. 2,754,325, 7-10-56, Cl. 260-536.
- Smith, Curtis W., to Shell Development Co. Addition of hydrogen peroxide to olefinic compounds. 2,773,909, 12-11-56, Cl. 260-635.
- Smith, Curtis W., and R. T. Holm, to Shell Development Co. Preparation of 2,3,4-trihydroxyalkane nitriles. 2,735,864, 7-2-56, Cl. 260-465-7.
- Smith, Curtis W., and R. T. Holm, to Shell Development Co. Oxidation of unsaturated aldehydes to acids. 2,744,928, 5-8-56, Cl. 260-530.
- Smith, Curtis W., and R. T. Holm, to Shell Development Co. Preparation of unsaturated carboxylic acids. 2,744,929, 5-8-56, Cl. 260-530.
- Smith, Curtis W., and R. T. Holm, to Shell Development Co. Reduction of 9, 10 anthracene carbonyl adducts. 2,761,883, 9-4-56, Cl. 260-638.
- Smith, Curtis W., and R. T. Holm, to Shell Development Co. Catalytic reactions with osmium oxide catalysts. 2,773,101, 12-4-56, Cl. 260-635.
- Smith, Cyril R. B., and F. H. T. Izon, to Amal Ltd. Carburetors for internal combustion engines. 2,756,033, 7-24-56, Cl. 268-4.
- Smith, D. B., & Co., Inc.: *See*—  
Smith, Alfred P. 2,743,135.
- Smith, Dale D., to Harley Earl, Inc. Lamp shade and lamp. 2,752,642, 6-26-56, Cl. 240-152.
- Smith, Daniel A. Engine valve construction and method of making same. 2,753,857, 7-10-56, Cl. 123-188.
- Smith, Daniel W., to Rhinehart Development Corp. Livestock waterers. 2,762,333, 9-11-56, Cl. 119-81.
- Smith & Davis Mfg. Co.: *See*—  
Schindler, Fred G. 2,770,814.
- Smith, Denton C. Cooking vessel. 2,766,682, 10-16-56, Cl. 99-419.
- Smith, Donald A.: *See*—  
Unruh, Cornelius C., and Smith. 2,751,373.
- Smith, Donald G., to Hester Plow Co., Inc. Tractor implement supporting attachment. 2,747,485, 5-29-56, Cl. 97-46-59.
- Smith, Donald H., to Bell Telephone Laboratories, Inc. Current supply apparatus. 2,753,510, 7-3-56, Cl. 321-19.
- Smith, Douglas. Bimetallic coupling for flanged pipe elements. 2,773,709, 12-11-56, Cl. 285-187.
- Smith, Douglas. Bimetallic coupling for flanged pipe fittings. 2,773,710, 12-11-56, Cl. 285-187.
- Smith & Douglas Co., Inc.: *See*—  
Hollingsworth, Clinton A. 2,753,045.  
Hollingsworth, Clinton A. 2,753,253.  
Hollingsworth, Clinton A. 2,758,714.  
Hollingsworth, Clinton A. 2,773,736.  
Hollingsworth, Clinton A., and Williams. 2,754,191.
- Smith, Dudley T.: *See*—  
Rosenholtz, Joseph L., and Smith. 2,729,096.
- Smith, Earl D., to Bolster. 2,736,908, 3-6-56, Cl. 5-340.
- Smith, Earl D., to General Motors Corp. Diesel-electric vehicle and centering device. 2,757,294, 7-31-56, Cl. 290-10.
- Smith, Earl F., to Midwest Metal Products Co. Trash burner. 2,758,743, 12-20-56, Cl. 110-18.
- Smith, Earl R., and J. V. Fitzgerald, to Pittsburgh Plate Glass Co. Method of making silver mirrors on glass. 2,762,714, 9-11-56, Cl. 117-35.
- Smith, Earl W.: *See*—  
Polowsky, Alan G., Hoyt and Smith. 2,767,051.
- Smith, Edmont S., to B. & B. Engineering & Supply Co., Inc. Tubular power saw. 2,751,941, 6-26-56, Cl. 143-85.
- Smith, Edward P., to The Ohio Brass Co. Feeder tap. 2,761,039, 8-28-56, Cl. 210-115-5.
- Smith, Edward W. Oscillating system for impregnating sheet material. 2,741,111, 4-10-56, Cl. 68-175.
- Smith, Edward W. Variable speed drive. 2,747,710, 5-29-56, Cl. 192-84.



- Smith, Edward W. Means for raising liquids from great depths. 2,751,848, 6-26-56, Cl. 103-75.
- Smith, Edward W. Pressurized containers and method of filling the same. 2,757,843, 8-7-56, Cl. 226-69.
- Smith, Edwin B. *See*—
- Dinsmore, Arthur S., and Smith. 2,739,717.
- Luehm, Francis H., and Smith. 2,735,138.
- Smith, Egmont S., to B. & B. Engineering & Supply Co., Inc. Work piece mounting apparatus. 2,773,527, 12-11-56, Cl. 144-145.
- Smith, Eldred T., and A. F. Maclean, to Celanese Corp. of America. Purification of acids containing 2 to 6 carbon atoms. 2,770,585, 11-13-56, Cl. 202-59.
- Smith, Elmore S., to Moffats Ltd. Compensated thermostatic control for electric ranges. 2,732,476, 1-24-56, Cl. 219-20.
- Smith, Elwood E., to Rotary Tool & Die Mfg. Co. Hedge trimmer. 2,748,477, 6-5-56, Cl. 30-208.
- Smith, Emerson E. *See*—
- Porter, William M., and Smith. 2,744,172.
- Smith Engineering Co. *See*—
- Smith, Roy D. 2,767,764.
- Smith Engineering Works *See*—
- Rumpel, Harvey H. 2,747,804.
- Smith, Eric H., and R. E. Baharian, to Riley Stoker Corp. Intertube burner. 2,755,781, 7-24-56, Cl. 122-235.
- Smith, Eric M. Combined anti-twist rudder and float for use with fishing lures. 2,769,271, 11-6-56, Cl. 43-43.13.
- Smith, Ernest A., to General Electric Co. Conveyor mechanism. 2,731,139, 1-17-56, Cl. 198-219.
- Smith, Ernest W. *See*—
- Leslie, Philip, and Batten. 2,745,140.
- Smith, Eugene W. *See*—
- Gorlib, Milton H. 2,745,258.
- Smith, Florence P. Self-closing bottle cap. 2,730,273, 1-10-56, Cl. 222-484.
- Smith, Francis E., and G. R. Urquhart, to General Motors Corp. Side roof rail weatherstrip for vehicle closures. 2,737,412, 3-6-56, Cl. 296-44.
- Smith, Francis W. Gummed tape applicator. 2,739,725, 3-27-56, Cl. 216-61.
- Smith, Frank. Welded steel boiler. 2,736,298, 2-28-56, Cl. 122-145.
- Smith, Frank B., to United States Rubber Co. Rubber processing. 2,760,949, 8-28-56, Cl. 260-41.5.
- Smith, Frank E. Steam engine. 2,757,644, 8-7-56, Cl. 121-109.
- Smith, Frank G. Fastener strip. 2,771,610, 11-27-56, Cl. 1-56.
- Smith, Frank J. Oil cooled piston structure. 2,742,883, 4-24-56, Cl. 123-41.38.
- Smith, Frank R. *See*—
- Baxter, Lee G., Smith, and Mottet. 2,746,096.
- Smith, Frank X. *See*—
- Russell, John A., and Smith. 2,752,462.
- Smith, Franklin A. *See*—
- Lee, John, and Smith. 2,764,585.
- Smith, Fred. Recovery of uranium values from waste. 2,750,253, 6-12-56, Cl. 23-14.5.
- Smith, Fred T., to The Calkins Mfg. Co. Tractor implement linkage. 2,765,721, 10-9-56, Cl. 97-46.59.
- Smith, Fred T., to The Calkins Mfg. Co. Reversible disc plow. 2,772,615, 12-4-56, Cl. 97-31.
- Smith, Frederick E. *See*—
- Di Stefano, John F., and Smith. 2,761,393.
- Smith, Frederick H. Self-aligning tool holder. 2,768,832, 10-30-56, Cl. 273-16.
- Smith, Frederick J., to A. G. Warnes. Snap-on form separator. 2,771,950, 11-27-56, Cl. 164-84.5.
- Smith, G. Tucker *See*—
- Jones, Montgomery O. 2,738,009.
- Jones, Montgomery O. 2,756,822.
- Smith, Garland E. Artificial Christmas tree. 2,744,165, 12-18-56, Cl. 41-15.
- Smith-Gates Corp., The *See*—
- Gates, Franklin M., and Hussman. 2,754,838.
- Smith, George B. *See*—
- Smith, Thomas S., and W. C. 2,765,725.
- Smith, George A. Camouflage holder for hunting garments. 2,744,348, 5-8-56, Cl. 41-10.
- Smith, George H. *See*—
- Reid, Thomas S., Smith, and Pearson. 2,746,997.
- Smith, George H., to Electro-Clean, Inc. Composition for use in electroplating. 2,773,821, 12-11-56, Cl. 204-140.5.
- Smith, George L. Machine for inserting handle sticks into imposable articles. 2,740,117, 4-3-56, Cl. 1-1.
- Smith, George M., to A. O. Smith Corp. Welding fixture for thin walled tanks. 2,768,597, 10-30-56, Cl. 113-99.
- Smith, George N. Foldable umbrella. 2,767,722, 10-23-56, Cl. 135-19.5.
- Smith, Gerard V. *See*—
- Wahler, Dale E. and L. P., and Smith. 2,743,866.
- Smith, Gladys F. Portable carrier. 2,730,151, 1-10-56, Cl. 150-4.
- Smith, Gordon N., to Sawyer's Inc. View indicator for stereo projector. 2,753,759, 7-10-56, Cl. 88-27.
- Smith, Gordon N., to Sawyer's Inc. Photoflash synchronizing means for a camera. 2,753,773, 7-10-56, Cl. 95-11.5.
- Smith, Gordon N., to Sawyer's Inc. Film feeding mechanism for camera. 2,753,775, 7-10-56, Cl. 95-31.
- Smith, Gordon N., to Sawyer's Inc. Safety mechanism on film feeding means for camera. 2,753,776, 7-10-56, Cl. 95-31.
- Smith, Gordon N., to Sawyer's Inc. Reel advance for projector. 2,764,911, 10-2-56, Cl. 88-27.
- Smith, Grafton A. *See*—
- Ohlsen, Rodney M., and Smith. 2,736,201.
- Smith, Graydon, to The Foxboro Co. Chart drive apparatus. 2,736,029, 2-28-56, Cl. 346-14.
- Smith, Grover C. Recoiling barrel firearm with pivoted lock. 2,741,950, 4-17-56, Cl. 89-176.
- Smith, Grover H., and R. D. Wans. Anti-fogging meters. 2,738,672, 3-20-56, Cl. 73-272.
- Smith, Harley D. Putty knives. 2,759,218, 8-21-56, Cl. 18-3.5.
- Smith, Harley F. Fishing plug retriever. 2,760,810, 8-28-56, Cl. 294-66.
- Smith, Harold E. Drafting equipment. 2,732,624, 1-31-56, Cl. 33-30.
- Smith, Harold W. *See*—
- Thunnaes, Arvid, Brown, Smith, and Brannen. 2,738,253.
- Smith, Harry A., Jr., to Pittsburgh Plate Glass Co. Timer controls for automatic glass cutting machine. 2,763,928, 9-25-56, Cl. 33-27.
- Smith, Harry F., to Mansfield Sanitary Pottery, Inc. Method of assembling ball cocks and the like. 2,737,711, 3-13-56, Cl. 29-474.4.
- Smith, Harry F., to Mansfield Sanitary Pottery, Inc. Inlet valve for flush tanks. 2,770,250, 11-13-56, Cl. 137-426.
- Smith, Harry J. *See*—
- Deziel, Fred T., Cornelius F., and Smith. 2,742,815.
- Smith, Harry M. Can holder and rack. 2,750,140, 6-12-56, Cl. 248-154.
- Smith, Harry P., Jr. *See*—
- Gray, Landon R., and Smith. 2,739,634.
- Smith, Harry R., and A. R. Taylor, to Standard Electronics Corp. Variable radio frequency interstage impedance. 2,756,838, 7-24-56, Cl. 250-40.
- Smith, Harry R., and A. R. Taylor, to Standard Electronics Corp. Filament lead-in and impedance matching structure for a grounded grid amplifier. 2,775,660, 12-25-56, Cl. 170-171.
- Smith, Harvey J. *See*—
- Deziel, Fred T., and Smith. 2,747,112.
- Smith, Harvey J., to Modern Metal Products Co. Canned oil display and can draining cabinet. 2,743,039, 4-24-56, Cl. 222-112.
- Smith, Harvey J., to Modern Metal Products Co. Canned oil display and can draining cabinet. 2,765,206, 10-2-56, Cl. 312-312.
- Smith, Harvey M., and W. Ashcroft, to The Warner & Swasey Co. Undershoot baller. 2,757,876, 8-7-56, Cl. 242-544.
- Smith, Henry M. *See*—
- Kodj, Noyao J., Smith, Corderman, and Rodgers. 2,769,116.
- Smith, Henry O. Cigarette holder. 2,738,792, 3-20-56, Cl. 131-185.
- Smith, Herbert A., and G. F. Herrera-Low, to Spirax-Sarco Ltd. Valves for controlling the flow of fluids. 2,742,230, 4-17-56, Cl. 236-12.
- Smith, Herbert D., to The Goodyear Tire & Rubber Co. Fitting for flexible wall tank. 2,772,101, 11-27-56, Cl. 285-200.
- Smith, Herbert F., to Merchants Distilling Corp. Purification for mixing machines. 2,756,199, 7-24-56, Cl. 202-57.
- Smith, Herman E. *See*—
- Cartledge, Frank, and Smith. 2,743,094.
- Smith, Herman E., to Goodman Mfg. Co. Bit holder assembly. 2,743,096, 4-24-56, Cl. 262-33.
- Smith, Herman E., to Goodman Mfg. Co. Contractable boring tool for mining machines. 2,745,650, 5-15-56, Cl. 262-107.
- Smith, Herschel D., to S. Beck. Pneumatic spring suspension for vehicles. 2,755,099, 7-17-56, Cl. 280-124.
- Smith, Herschel G. *See*—
- Cantrill, Troy L., and Smith. 2,736,704.
- Smith, Herschel G., to T. L. Cantrill, and J. G. Peters, to Gulf Oil Corp. Resinous condensation product of formaldehyde, alkaline earth metal sulfide, and an alkylated monohydric phenol. 2,736,702, 2-28-56, Cl. 252-42.7.
- Smith, Herschel G., T. L. Cantrill, and J. G. Peters, to Gulf Oil Corp. Resinous products. 2,736,703, 2-28-56, Cl. 252-42.7.
- Smith, Herschel G., T. L. Cantrill, and M. L. Hill, to Gulf Oil Corp. Insecticidal compositions containing pyrethrin and a calcium phthalimide. 2,742,392, 4-17-56, Cl. 167-107.
- Smith, Herschel G., T. L. Cantrill, and J. G. Peters, to Gulf Oil Corp. Amide acids. 2,742,498, 4-17-56, Cl. 260-518.
- Smith, Herschel G., and T. L. Cantrill, to Gulf Oil Corp. Addition agents. 2,767,165, 10-16-56, Cl. 260-139.
- Smith, Hewitt, to Woodward Iron Co. Elevator safety device. 2,757,767, 7-56, Cl. 187-28.
- Smith, Hiram P., and R. W. Kramer, to International Harvester Co. Bearing. 2,771,326, 11-20-56, Cl. 308-181.
- Smith, Homer H. Bottle crusher. 2,756,937, 7-31-56, Cl. 241-99.
- Smith, Horace L. Jr., to H. W. Lay & Co., Inc. Method of joining comestibles. 2,767,095, 10-16-56, Cl. 99-100.
- Smith, Howard A. *See*—
- Larson, Algot, and Smith. 2,774,100.
- Smith, Hugh T., to Union Carbide and Carbon Corp. Round work thermochemical scarfing apparatus. 2,742,960, 4-24-56, Cl. 158-27.4.
- Smith, Hurley H. Keyless combination push button door lock. 2,772,553, 12-4-56, Cl. 70-153.
- Smith, Ira D., to The Cleveland Pneumatic Tool Co. Full swivel steering system. 2,756,949, 7-31-56, Cl. 244-50.

- Smith, Ira D., J. J. Takacs, and R. F. Warner, to The Cleveland Pneumatic Tool Co. Shock absorbing strut. 2,735,674, 2-21-56, Cl. 267-64.
- Smith, Ira D., and L. P. Spontelli, to The Cleveland Pneumatic Tool Co. Screw scraper and wiper. 2,757,548, 8-7-56, Cl. 74-424.8.
- Smith, James. Handling device. 2,744,641, 5-8-56, Cl. 43-200.
- Smith, James A.: *See*—  
Carlisle, Charles H., and Smith. 2,759,551.
- Smith, James A., and C. J. Lyons, to Clark & Vicario Corp. Conditioning paper-making stock. 2,751,031, 6-19-56, Cl. 19-2.5.
- Smith, James G., and E. I. Sundeen, to Eastman Kodak Co. Decoration of cellulosic, metal and vitreous surfaces. 2,747,997, 5-29-56, Cl. 95-7.
- Smith, James H.: *See*—  
Dobes, Michael J., and Smith. 2,755,358.
- Smith, James H. Electric rotary edge trimmer. 2,759,319, 8-21-56, Cl. 56-25.4.
- Smith, James L. Fluid-pressure-actuated vise. 2,734,408, 8-21-56, Cl. 81-17.2.
- Smith, James W., to Carrier Engineering Co. Ltd. Apparatus for treating with liquid a body having irregular non-symmetrical surfaces. 2,763,232, 9-18-56, Cl. 118-6.
- Smith, James W., and F. C. Wagner, to Minneapolis-Honeywell Regulator Co. Combustion safeguard apparatus. 2,748,846, 6-5-56, Cl. 158-28.
- Smith, Jesse G., to Batson-Cook Co. Adjustable beam bearings. 2,730,413, 1-10-56, Cl. 308-24.
- Smith, Joe C. Sectional thermos food containers. 2,746,634, 8-22-56, Cl. 22-19.
- Smith, John. Electric fish gigger. 2,746,198, 5-22-56, Cl. 43-19.2.
- Smith, John C. Bottle pilot tube attaching device. 2,744,649, 8-21-56, Cl. 215-36.
- Smith, John D., Jr.: *See*—  
Zeitzi, Frederick H. 2,771,019.
- Smith, John E. Sectional ladder. 2,744,674, 5-8-56, Cl. 228-34.
- Smith, John F.: *See*—  
Goodman, Isaac, Lambert, Smith, and Williams. 2,762,787.
- Nicholson, Samuel S., and Smith. 2,743,353.
- Smith, John F., to Wilfrid O. White & Sons, Inc. Echo depth sounding apparatus. 2,767,389, 10-18-56, Cl. 340-3.
- Smith, John F., and F. Dawson, to Compo Shoe Machinery Corp. Work support for shoe presses. 2,759,205, 8-21-56, Cl. 12-123.
- Smith, John H.: *See*—  
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- Smith, John H. Mechanical automatic liquid dispenser. 2,734,659, 2-14-56, Cl. 222-2.
- Smith, John J.: *See*—  
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- Mueller, Frank H., and Smith. 2,745,669.
- Mueller, Frank H., and Smith. 2,761,688.
- Mueller, Frank H., and Smith. 2,767,600.
- Smith, John J., to Mueller Co. Method of connecting service pipe to main. 2,756,486, 7-31-56, Cl. 29-157.
- Smith, John L., and G. R. Parker. Can opener. 2,747,272, 5-29-56, Cl. 30-6.1.
- Smith, John L., and E. E. McCartney. Plumber's pipe jig. 2,774,134, 12-18-56, Cl. 29-286.
- Smith, John D., and W. R. Weicham, to Courtaulds Ltd. Apparatus for use in the production of viscose. 2,754,181, 7-10-56, Cl. 23-283.
- Smith, John O., Jr.: *See*—  
Gerhardt, Philip B., Smith, and Jones. 2,746,923.
- Gerhardt, Philip B., Smith, and Jones. 2,750,340.
- Hickok, John E., Smith, and Heigl. 2,767,123.
- Smith, John O., Jr., and I. Kirshenbaum, to Esso Research and Engineering Co. Polymerization catalyst and processes. 2,772,317, 1-27-56, Cl. 260-633.15.
- Smith, John R. Shaving tool for automatic screw machines. 2,746,332, 5-22-56, Cl. 82-35.
- Smith, John S., to Scripto, Inc. Marking element and dispensing means therefor. 2,774,331, 12-18-56, Cl. 120-13.
- Smith, John R.: *See*—  
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- Smith, John T., to Esso Research and Engineering Co. Shot hole cap wire catcher. 2,755,734, 7-24-56, Cl. 102-22.
- Smith, John W., to Battle Creek Packaging Machines, Inc. Web indexing apparatus for wrapping machines. 2,730,359, 1-10-56, Cl. 271-2.6.
- Smith, John W. Hand warmer construction method. 2,746,138, 5-22-56, Cl. 29-451.
- Smith, John W., to Hercules Powder Co. Process for making coated paper. 2,759,853, 8-21-56, Cl. 117-157.
- Smith, John W. Chain saw cart. 2,765,822, 10-9-56, Cl. 143-32.
- Smith, Joseph B. Packed sleeve pipe coupling. 2,747,900, 8-29-56, Cl. 285-139.
- Smith, Joseph C., to Durex Hardware Mfg. Corp. Drill box. 2,775,342, 12-25-56, Cl. 206-17.
- Smith, Joseph E. Rotary kite. 2,768,803, 10-30-56, Cl. 244-153.
- Smith, Joseph R. Can opening. 2,733,504, 2-7-56, Cl. 30-6.1.
- Smith, Julian C., to Hough Soils Engineering Laboratories. Method of drilling. 2,729,426, 1-3-56, Cl. 255-1.8.
- Smith, Keith L., to Union Carbide and Carbon Corp. Soil conditioners with alkenyl succinic compounds. 2,770,077, 11-13-56, Cl. 47-58.
- Smith, Kenneth P.: *See*—  
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- Smith, Kline & French Laboratories: *See*—  
Blythe, Rudolph H. 2,738,303.
- Clay, Edward B., and D'Angelo. 2,736,288.
- Ferlauto, Robert J., and Gulesich. 2,738,300.
- Geissman, Theodore A. 2,734,068.
- Greer, Henry W., Hompe, and Finel. 2,760,321.
- Hall, Claude C. 2,762,180.
- Kervin, James F., and Ulyot. 2,763,687.
- Kervin, James F., and Ulyot. 2,774,770.
- Nabenhauer, Fred P. 2,744,901.
- Whitcar, Alten E. 2,742,231.
- Whitcar, Alten E. 2,747,351.
- Whitcar, Alten E. 2,747,352.
- Whitcar, Alten E. 2,748,695.
- Whitcar, Alten E. 2,762,180.
- Whitcar, Alten E. 2,767,873.
- Smith, Lawrence E., to The Bristol Co. Vapour pressure thermometer. 2,732,716, 1-31-56, Cl. 73-369.
- Smith, Lee, to Carrom Industries, Inc. Hospital bed table. 2,746,556, Cl. 311-40.
- Smith, Lee, to Carrom Industries, Inc. Leg construction for case goods and the like. 2,766,090, 10-9-56, Cl. 311-113.
- Smith, Lee, B.: *See*—  
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- Smith, Leo D.: *See*—  
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- Smith, Leo D. Tobacco carrier. 2,749,957, 6-12-56, Cl. 150-1.
- Smith, Leonard. Drain valve mechanism. 2,768,388, 10-30-56, Cl. 4-200.
- Smith, Leslie R.: *See*—  
Hockert, Chester E., and Smith. 2,772,069.
- Smith, Lester H. Apparatus for creating electric space charge in combustion engines. 2,766,582, 10-16-56, Cl. 60-39.01.
- Smith, Lester L. Ventilator structure. 2,737,876, 3-13-56, Cl. 98-42.
- Smith, Lester L. Ventilator structure. 2,758,534, 8-14-56, Cl. 98-131.
- Smith, Lester L. Louvered panel structure. 2,759,413, 8-21-56, Cl. 98-121.
- Smith, Lionel C. Gas tank cap with magnetic storing means. 2,758,743, 8-14-56, Cl. 230-24.
- Smith, Lloyd A., Jr., to M. E. Smith. Condiment and toothpick holder and dispenser. 2,772,023, 11-27-56, Cl. 221-282.
- Smith, Lloyd A. Condiment and toothpick holder and dispenser. 2,772,024, 11-27-56, Cl. 221-282.
- Smith, Lloyd B. Dust collector. 2,755,885, 7-24-56, Cl. 138-76.
- Smith, Louie E. Portable cleaning device. 2,743,134, 4-24-56, Cl. 299-84.
- Smith, Luke E. Impact-type material handling clam-shell apparatus. 2,736,288, 8-21-56, Cl. 214-657.
- Smith, Mammie B. Multipurpose attachment for vehicle seat. 2,787,985, 10-23-56, Cl. 224-42.42.
- Smith, Marion J. Foldable lounge chair. 2,751,970, 6-26-56, Cl. 155-139.
- Smith, Marion O., to Food Machinery and Chemical Corp. Venting arrangement for container filling valves. 2,765,818, 10-9-56, Cl. 141-286.
- Smith, Marsden C., to B-F Industries, Inc. Pumping system. 2,741,986, 4-17-56, Cl. 103-11.
- Smith, Martha M. Urinal holder. 2,756,751, 7-31-56, Cl. 128-295.
- Smith, Martin B.: *See*—  
Garrett, Luther W., Jr., and Smith. 2,752,382.
- Gratias, Albert P., Limper, and Smith. 2,762,689.
- Fudgett, Frank L., Smith, and Thomas. 2,703,777.
- Smith, Marvin M., and C. O. Fields, to Muncie Gear Works, Inc. Hydraulic trailer hitch. 2,746,574, 5-22-56, Cl. 188-112.
- Smith, Matthew, to United Aircraft Corp. Apparatus for forming stair rings. 2,757,438, 8-7-56, Cl. 29-23.5.
- Smith, Maurice C., Jr., to Marbill Co. Slip shoes for converting over-the-shoe boots to over-the-foot boots. 2,767,490, 10-23-56, Cl. 36-44.
- Smith-Meeker Engineering Co.: *See*—  
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- Lindley, Frederick A., Jr. 2,732,418.
- Woodworth, Frederick B., and Hults. 2,773,932.
- Smith, Merle F. Bus operators punch and transfer holder. 2,743,831, 5-15-56, Cl. 224-29.
- Smith, Minot F.: *See*—  
Meserve, Forrest C., and Smith. 2,741,307.
- Smith, Monroe F., to Fibreboard Products Inc. Modified polyurethane grease resistant coating composition and paperboard coated therewith. 2,763,225, 1-31-56, Cl. 260-28.5.
- Smith, Morris E.: *See*—  
Smith, Lloyd A. 2,772,023.
- Smith, Morris M.: *See*—  
Grille, Frank C., and Smith. 2,774,225.
- Smith, Myron G.: *See*—  
Prevost, Bruno E., and Smith. 2,758,516.
- Smith, Myron R., to Minneapolis-Honeywell Regulator Co. Fuel burner control apparatus. 2,749,447, 6-5-56, Cl. 250-83.3.
- Smith, Neal J., to California Research Corp. Method of creating seismic disturbances. 2,755,878, 7-24-56, Cl. 181-0.5.
- Smith, Neal J., to California Research Corp. Interval velocity seismic logging. 2,771,960, 11-27-56, Cl. 181-0.5.



- Smith, Neva-Tay K.: *See*—  
McCormick, Jerry R. D., and Smith. 2,731,497.
- Smith, Neville F. and V. Gas candle. 2,749,733, 6-12-56, Cl. 67-87.
- Smith, Orson P. Golf targets. 2,743,929, 5-1-56, Cl. 273-781.
- Smith, Oscar: *See*—  
Oiler, Frank E. 2,769,369.
- Smith, Oscar L.: *See*—  
McIntosh, Walter W., Moziek, and Smith. 2,771,636.
- Smith, Otto J. M. to Hewlett-Packard Co. Sine wave generator. 2,748,278, 5-29-56, Cl. 250-36.
- Smith, P. Gen. and C. E. Brockner, to Sperry Rand Corp. Waveguide hybrid network for monopulse comparator. 2,759,154, 8-14-56, Cl. 333-11.
- Smith, Paul E., Jr.: *See*—  
Brouha, Lucien A., Smith, and Zapp. 2,773,262.
- Smith, Paul F.: *See*—  
Hendlin, David, and Smith. 2,740,745.
- Smith, Paul V., Jr.: *See*—  
Mikeska, Louis A., and Smith. 2,750,342.  
Morway, Arnold J., Young, and Smith. 2,750,341.
- Smith, Paul V., Jr., and D. W. Young, to Esso Research and Engineering Co. Alkyl esters and plastic compositions comprising same. 2,734,884, 2-14-56, Cl. 260-31.8.
- Smith, Paul V., Jr., S. B. Lippincott, and C. W. Muessig, to Esso Research and Engineering Co. Ashless detergent additive for lubricating oils. 2,764,551, 9-25-56, Cl. 252-51.5.
- Smith, Peter, to Imperial Chemical Industries Ltd. Production of cyclo-hexa-1,4-diene-1,4-dicarboxylic acid. 2,734,077, 2-7-56, Cl. 260-514.
- Smith, Philip B.: *See*—  
Battie, Norman, and Smith. 2,738,029.
- Smith, Philip T., to Radio Corp. of America. High frequency electron tubes. 2,768,329, 10-23-56, Cl. 315-83.
- Smith, Philip W.: *See*—  
Elsay, Carroll M. 2,769,251.
- Smith, Pryor R. Leveling gauge. 2,752,692, 7-3-56, Cl. 33-208.
- Smith, Quincy E.: *See*—  
Harlow, Loraine C., and Smith. 2,743,478.
- Smith, Ralph E., to Manning, Maxwell & Moore, Inc. Chain block hoist. 2,739,789, 3-27-56, Cl. 254-171.
- Smith, Ralph W. Structural member and connection means therefor. 2,737,268, 3-6-56, Cl. 189-36.
- Smith, Ray F. Hydrodynamic brake. 2,775,318, 12-25-56, Cl. 188-90.
- Smith, Raymond: *See*—  
Phillips, Freeman J., and Smith. 2,745,738.
- Smith, Raymond E.: *See*—  
Foulkes, Christopher H., Childs, and Smith. 2,752,450.
- Smith, Raymond F. to Smith and Yarrow. Brick wall leveling device for cesspools. 2,737,036, 7-31-56, Cl. 294-67.
- Smith, Raymond T.: *See*—  
Hale, Arthur N., and Smith. 2,762,325.
- Smith, Richard A., to The M. W. Kellogg Co. Lamination of perfluorochloroolefins and polyacrylonitrile. 2,774,702, 12-18-56, Cl. 154-139.
- Smith, Richard A., to The M. W. Kellogg Co. Lamination of halogenated olefin polymers. 2,774,704, 12-18-56, Cl. 154-139.
- Smith, Richard A., to The M. W. Kellogg Co. Lamination of chlorinated olefins. 2,774,705, 12-18-56, Cl. 154-139.
- Smith, Richard B. Blade sharpening apparatus. 2,751,721, 6-26-56, Cl. 51-128.
- Smith, Richard F.: *See*—  
Longley, Raymond L., Jr., Chapin, and Smith. 2,740,771.
- Smith, Richard J., to McGill Mfg. Co., Inc. Self-contained seal and bearing assembly. 2,747,949, 5-29-56, Cl. 308-187.2.
- Smith, Richard J., to McGill Mfg. Co., Inc. Cam follower bearing. 2,770,508, 11-13-56, Cl. 308-187.1.
- Smith, Richmond W., to Bird Machine Co. Doctor assembly and front removable blade and holder therefor. 2,732,773, 1-31-56, Cl. 92-74.
- Smith, Robert B., to Eastman Kodak Co. Printing color stereo images onto lenticular film. 2,763,551, 9-18-56, Cl. 95-2.
- Smith, Robert E. Program indicator. 2,770,900, 11-20-56, Cl. 40-65.
- Smith, Robert E., and J. M. Wuerth, to North American Aviation, Inc. Vertical velocity computer. 2,775,122, 12-25-56, Cl. 73-179.
- Smith, Robert F., to The Worthington Ball Co. Golf ball. 2,741,480, 4-10-56, Cl. 273-227.
- Smith, Robert F., to Chrysler Corp. Floating shoe brake. 2,745,516, 5-15-56, Cl. 188-78.
- Smith, Robert F., to Chrysler Corp. Wheel brake. 2,765,051, 10-2-56, Cl. 188-78.
- Smith, Robert F., to Chrysler Corp. Brake shoe adjuster and release mechanism. 2,770,333, 11-13-56, Cl. 188-216.
- Smith, Robert H., to Chrysler Corp. Automotive heater booster. 2,749,049, 6-5-56, Cl. 237-8.
- Smith, Robert L.: *See*—  
Drake, Leonard C., and Smith. 2,734,874.
- Smith, Robert M., to Owens-Illinois Glass Co. Chute for conveying molten glass. 2,758,421, 8-14-56, Cl. 49-14.
- Smith, Robert S. C. Fluid pressure seals. 2,758,857, 8-14-56, Cl. 286-26.
- Smith, Robert W., to The T. L. Smith Co. Open end transit agitator or mixer. 2,763,474, 9-18-56, Cl. 259-161.
- Smith, Roger H., to Bridgewater Machine Tool Co. Template system for contour milling machines. 2,758,515, 8-14-56, Cl. 90-62.
- Smith, Roland V., to E. B. Eddy Co. Wiping or doctoring devices for removing excess coating from sheet material. 2,774,329, 12-18-56, Cl. 118-118.
- Smith, Rolf M., to General Motors Corp. Refrigerating apparatus. 2,732,126, 1-24-56, Cl. 230-145.
- Smith, Rolf M., to General Motors Corp. Refrigerating apparatus. 2,757,858, 8-7-56, Cl. 230-207.
- Smith, Ronald A.: *See*—  
Bettgeridge, Walter, Franklin, and Smith. 2,766,156.
- Smith, Roy B., to Air Industries Co., Inc. Drain of valve for compressed air reservoirs. 2,739,605, 3-27-56, Cl. 137-204.
- Smith, Roy B., to Air Industries Co., Inc. Liquid level control. 2,764,645, 9-25-56, Cl. 200-82.
- Smith, Roy D., to Smith Engineering Co. Device for straightening wheels. 2,767,164, 10-23-56, Cl. 153-32.
- Smith, Roy F. Lateral thrust eliminating and vertically adjustable implement mounting tractor draw bar. 2,753,191, 7-3-56, Cl. 280-405.
- Smith, Roy F. Cutter and conveying attachment for tractor wheels. 2,760,326, 8-28-56, Cl. 56-23.
- Smith, Roy L.: *See*—  
Smith, Alma C., and R. L. 2,763,366.
- Smith, Roy M., to I-T-E Circuit Breaker Co. Circuit recloser. 2,761,930, 9-4-56, Cl. 200-108.
- Smith, Rudolph O., and M. H. Becher. Sheet severing equipment. 2,742,084, 4-17-56, Cl. 104-84.5.
- Smith, Russell F., to Carter Carburetor Corp. Cam and follower mechanism. 2,737,619, 2-7-56, Cl. 74-569.
- Smith, Russell M.: *See*—  
Whittemore, Leslie E., and Smith. 2,768,461.
- Smith, S., and Sons (England) Ltd.: *See*—  
Meredith, Frederick W. 2,739,771.  
Meredith, Frederick W. and D. L. 2,762,962.  
Milsom, Frederick R. 2,729,779.  
Moss, Eric B. 2,737,808.  
Steadman, Clifford S. 2,742,844.
- Smith, Samuel. Rotary swaging machines. 2,746,321, 5-22-56, Cl. 78-22.
- Smith, Sanford B.: *See*—  
Richardson, Clarence L., Smith, and Robbins. 2,764,470.
- Smith, Sanford B., to the United States of America as represented by the United States Atomic Energy Commission. Production of uranium sulphate. 2,741,541, 4-10-56, Cl. 23-14.5.
- Smith, Sidney C., to Siemens Brothers & Co. Ltd. Contact spring assemblies. 2,765,381, 10-2-56, Cl. 200-166.
- Smith, Sidney R., Jr.: *See*—  
Smith, Robert W., and Smith. 2,741,726.
- Smith, Sidney R., Jr., and R. E. Koch, to General Electric Co. Circuit interrupting device. 2,744,982, 5-8-56, Cl. 200-114.
- Smith, Stanley, to E. M. B. Co. Ltd. Die casting machines. 2,754,557, 7-3-56, Cl. 252-51.5.
- Smith, Stanley B., and F. C. Mock. Charge forming device. 2,752,900, 7-3-56, Cl. 123-25.
- Smith, Stanley H.: *See*—  
Moore, Charles J., and Smith. 2,731,010.
- Smith, Stanley J., to Simmonds Aerocessories, Inc. Electrical circuit breaker. 2,752,543, 6-26-56, Cl. 317-246.
- Smith, Stephen. Safety plug and receptacle. 2,741,749, 4-10-56, Cl. 339-189.
- Smith, Stiles C., to J. Kimmel. Cable type trolley conveyor. 2,761,549, 9-4-56, Cl. 198-177.
- Smith, Stuart J. Charging of cupolas or the like. 2,766,896, 10-16-56, Cl. 214-19.
- Smith, Sydney S.: *See*—  
Plank, Norris, and Smith. 2,772,561.
- Smith, T. J., and Nephew Ltd.: *See*—  
Schueler, George B. E. 2,740,403.
- Smith, T. L., Co., The: *See*—  
Smith, Robert W. 2,763,474.
- Smith, Theodore C. Wire connector. 2,772,323, 11-27-56, Cl. 174-87.
- Smith, Thomas B., and R. E. Vetren, to Simoniz Co. Liquid polishing composition. 2,733,224, 4-31-56, Cl. 260-26.
- Smith, Thomas H. Fishing pole holder. 2,744,351, 5-8-56, Cl. 43-16.
- Smith, Thomas O., and W. C. Smith, deceased (G. B. Smith, administrator). Lawn edger. 2,765,725, 10-9-56, Cl. 97-227.
- Smith, Thomas R., to The Maytag Co. Control means for a clothes drier or the like. Re. 24,158, 5-29-56, Cl. 34-44.
- Smith, Thomas R., to The Maytag Co. Articulated connections. 2,730,197, 1-10-56, Cl. 188-17.
- Smith, Thomas R., to The Maytag Co. Flow control valve. 2,742,925, 4-24-56, Cl. 138-45.
- Smith, Thomas R., to The Maytag Co. Automatic control for clothes driers. 2,743,533, 5-1-56, Cl. 34-45.
- Smith, Thomas R., to The Maytag Co. Agitator for washing machines. 2,744,402, 5-8-56, Cl. 68-133.
- Smith, Thomas R., to The Maytag Co. Tube locking and sealing construction. 2,749,154, 6-5-56, Cl. 283-173.
- Smith, Thomas R., and C. W. Steward, to The Maytag Co. Control for clothes driers. 2,743,530, 5-1-56, Cl. 34-45.
- Smith, Thomas R., and W. Jamieson. Combination table and tray and operating mechanism for conversion to one or the other. 2,758,899, 8-14-56, Cl. 311-87.

- Smith, Tom F., to Autoscope, Inc. Drive-in theatre with individual car screens. 2,734,420, 2-14-56, Cl. 88-24.
- Smith, Victor C., A. S. Lecky, and B. A. D'Alleva, to General Motors Corp. Engine test air supply system. 2,755,663, 7-24-56, Cl. 73-116.
- Smith, Victor W., to C. V. Hill & Co., Inc. Refrigerated display case. 2,770,101, 11-13-56, Cl. 62-4.
- Smith, Vincent R., to General Motors Corp. Collapsible tubes containing paste. 2,753,092, 7-3-56, Cl. 222-545.
- Smith, Virginia: See—
- Smith, Neville F. and V. 2,749,733.
- Smith, Wallace L.: See—
- Smith, Archie T. and W. L. 2,732,264.
- Smith, Walter J.: See—
- Morrell, John W., and Smith. 2,730,758.
- Smith, Walter W. Saw mill carriage and drive therefor. 2,762,402, 9-11-56, Cl. 143-108.
- Smith, Walter W. Generator fed motor control system. 2,762,960, 9-11-56, Cl. 318-154.
- Smith, Warren L.: See—
- Hudson, Paul S., Potts, and Smith. 2,773,874.
- Hudson, Paul S., and Smith. 2,764,589.
- Potts, Mack F., Hudson, and Smith. 2,775,594.
- Smith, Warren L., M. F. Potts, and P. S. Hudson, to Phillips Petroleum Co. Stabilization of polymerizable heterocyclic nitrogen compounds. 2,748,131, 5-29-56, Cl. 260-290.
- Smith, Warren M.: See—
- Mertzweg, Joseph K., Smith, and Draeger. 2,757,202.
- Voorbies, Alexis, Jr., and Smith. 2,752,288.
- Smith, Warren M., to Esso Research and Engineering Co. Cooling and catalyst recycle in oxo synthesis. 2,754,331, 7-10-56, Cl. 260-80.
- Smith Welding Equipment Corp.: See—
- Falk, Tage. 2,770,231.
- Falk, Tage. 2,770,232.
- Smith, Wesley A., to Tilt-A-Door Corp. Edge structure for a closure door. 2,769,153, 11-6-56, Cl. 189-46.
- Smith, Wesley A., to Tilt-A-Door Corp. Improved mounting construction for overhead door latch. 2,770,005, 11-13-56, Cl. 16-146.
- Smith, Weston G.: See—
- Meech, Ralph E., and Smith. 2,764,794.
- Smith, Wilburn N. Guide for presser foot. 2,741,200, 4-10-56, Cl. 112-235.
- Smith, Wiley: See—
- Strigle, Ralph F., Jr., and Smith. 2,768,408.
- Smith, Willard C. Melon carrier. 2,747,917, 5-29-56, Cl. 294-116.
- Smith, William, to Radar Pneumatics & Engineering Co. Ltd. Distributing apparatus for material in particle form. 2,772,124, 1-27-56, Cl. 112-2-6.
- Smith, William A. Grease extracting vent. 2,748,688, 6-5-56, Cl. 98-115.
- Smith, William A., Jr.: See—
- Phillips, Alexander A., and Smith. 2,733,380.
- Smith, William C.: See—
- Mills, John R., and Smith. 2,758,090.
- Smith, Thomas O., and W. C. 2,765,725.
- Smith, William C., Jr.: See—
- Niedhammer, Edwin, Jr., and Smith. 2,757,554.
- Smith, William D. Instrument for transferring survey reference points. 2,729,897, 1-10-56, Cl. 313-217.
- Smith, William G., to Pittsburgh Plate Glass Co. Quick action clamp device. 2,748,441, 6-5-56, Cl. 24-263.
- Smith, William H.: See—
- Rowland, Horace B. 2,739,225.
- Smith, William H. Apparatus for the manufacture of support members from sheet metal. 2,729,264, 1-3-56, Cl. 153-3.
- Smith, William H. Vehicle mounted shovel loader. 2,746,623, 5-22-56, Cl. 214-103.
- Smith, William H. Presses for moulding plastic substances. 2,756,480, 7-31-56, Cl. 25-41.
- Smith, William H. Self-unloading vehicle body. 2,760,658, 8-28-56, Cl. 212-266.
- Smith, William H. Presses for moulding plastic substances. 2,770,863, 11-20-56, Cl. 25-83.
- Smith, William L., to The Hettick Mfg. Co. Hunting garment. 2,722,812, 2-27-56, Cl. 2-27.
- Smith, William L., to The Jeffrey Mfg. Co. Multiple compartment jiggling apparatus. 2,730,238, 1-10-56, Cl. 209-455.
- Smith, William, Jr., to General Motors Corp. Dishwashing machine. 2,729,219, 1-3-56, Cl. 134-95.
- Smith, William, Jr., to General Motors Corp. Domestic appliance. 2,769,327, 11-6-56, Cl. 68-12.
- Smith, William L. Fishing device. 2,730,830, 1-17-56, Cl. 43-25.
- Smith, William M.: See—
- Linn, Karl W., Smith, and Greene. 2,763,358.
- Smith, William M. Wedge type seal for suction strainer. 2,733,043, 1-31-56, Cl. 251-176.
- Smith, William R.: See—
- Cookson, Leonard T., and Smith. 2,737,285.
- Smith, William R., to The Upjohn Co. Continuous injection machine. 2,764,980, 10-2-56, Cl. 128-218.
- Smith, William V. Apparatus for sharpening a lawn mower. 2,755,600, 7-24-56, Cl. 51-48.
- Smith, Willie K. Game board structure. 2,746,755, 5-22-56, Cl. 273-118.
- Smith, William E., and J. R. Shipman. Air conditioner for automobiles. 2,746,372, 5-22-56, Cl. 98-2.
- Smith, Wilson R., and R. W. Slinkman, to Sylvania Electric Products, Inc. Available emission tester. 2,750,559, 6-12-56, Cl. 324-27.
- Smith, Winthrop C.: See—
- Wilson, Howard L., Robinson, and Smith. 2,775,537.
- Smith, Winthrop C., and R. M. Thomas, to Esso Research and Engineering Co. Selen polymerization with Sb<sub>2</sub>S<sub>3</sub> catalyst. 2,734,047, 2-7-56, Cl. 260-85.3.
- Smith and Yearout: See—
- Smith, Raymond F. 2,757,036.
- Smithburn, George E. Rotary tiller. 2,750,859, 6-19-56, Cl. 67-40.
- Smith, F. L. Machine Co., Inc.: See—
- Novick, Abraham. 2,744,552.
- Novick, Abraham. 2,763,238.
- Novick, Abraham. 2,770,176.
- Smith & Co. Inc. Absorbent material for floral arrangements. 2,753,277, 7-3-56, Cl. 117-138.8.
- Smithers, Vernon L. Floral support. 2,765,585, 10-9-56, Cl. 47-41.
- Smithers, Vernon L. Package for transporting cut flowers. 2,774,187, 1-18-56, Cl. 47-41.
- Smithers, Wayne F. Folding table and bench. 2,752,987, 7-3-56, Cl. 155-124.
- Smith-Johannsen, Robert, to General Electric Co. Elastic organic polymers of improved heat resistance and adhesive containing an organic silicate and calcium carbonate. 2,744,878, 5-8-56, Cl. 260-37.
- Smiths America Corp.: See—
- Desmond, Eric, and Thorp. 2,746,541.
- Smith's Jacking Systems Ltd.: See—
- Pickard, Sydney J., and Sawyer. 2,758,816.
- Reid, Kenneth E. 2,772,409.
- Smithson, Gordon W.: See—
- Soule, Harold B., and Smithson. 2,734,156.
- Smithson, Gordon W., to C. G. S. Laboratories, Inc. Impedance measuring circuit. 2,757,336, 7-31-56, Cl. 324-57.
- Smitley, Marion L.: See—
- Kittler, Milton J., Sterner, and Smitley. 2,745,645.
- Smitley, Marion L., to Holley Carburetor Co. Dual carburetor. 2,732,191, 1-24-56, Cl. 261-23.
- Smitley, Marion L., and M. F. Sterner, to Holley Carburetor Co. Two-stage carburetor. 2,766,024, 10-9-56, Cl. 261-23.
- Smits, Hubertus J., to Hartford National Bank and Trust Co., as trustee. Mechanical drive. 2,775,131, 12-28-56, Cl. 74-221.
- Smits, Wytze B., to Smitsvank N. V. Ignition system for low-voltage ignition in condenser discharge sparking plugs. 2,745,989, 5-15-56, Cl. 315-183.
- Smits, Wytze B. Apparatus for atomizing and igniting substances. 2,731,079, 1-17-56, Cl. 158-28.
- Smits, Wytze B., to Smitsvank N. V. Low tension ignition system. 2,733,369, 1-31-56, Cl. 313-131.
- Smits, Wytze B., to Smitsvank N. V. Research Laboratory Comp. Surface discharge plug for low tension and condenser discharge. 2,745,980, 5-15-56, Cl. 313-131.
- Smits, Wytze B., to Smitsvank N. V. Electric ignition system. 2,753,389, 7-3-56, Cl. 123-148.
- Smits, Wytze B., to Smitsvank N. V. Electric ignition system. 2,753,490, 7-3-56, Cl. 315-218.
- Smits, Wytze B., to Smitsvank N. V. Distributor for ignition system. 2,762,877, 9-11-56, Cl. 200-24.
- Smits, Wytze B., to Smitsvank N. V. Low tension surface discharge spark plug. 2,770,500, 11-13-56, Cl. 313-131.
- Smits, Wytze B., to Smitsvank N. V. Packing for internal combustion engine. 2,775,234, 12-25-56, Cl. 123-169.
- Smitsvank N. V.: See—
- Smits, Wytze B. 2,745,989.
- Smits, Wytze B. 2,733,369.
- Smits, Wytze B. 2,753,389.
- Smits, Wytze B. 2,753,490.
- Smits, Wytze B. 2,762,877.
- Smits, Wytze B. 2,770,500.
- Smitsvank N. V. Research Laboratory Comp.: See—
- Smits, Wytze B. 2,745,980.
- Smock, George E.: See—
- Drummond, Warren W., and Smock. 2,728,972.
- Smock, George E., to Extension for loading and unloading apparatus. 2,745,540, 5-15-56, Cl. 198-115.
- Smoker, Isaac Z. Slipon flight for endless conveyor. 2,758,702, 8-14-56, Cl. 198-175.
- Smoker, Isaac Z. Attachment for elevating and delivering bales from baling machines. 2,765,901, 10-9-56, Cl. 198-167.
- Smoliar, Gerald D., to Underwood Corp. Method of stabilizing the inductance of an inductor assemblage. 2,756,170, 7-24-56, Cl. 148-121.
- Smolin, Edwin M., to American Cyanamid Co. Production of diarylethanes. 2,734,928, 2-14-56, Cl. 260-668.
- Smolka, Robert F. Denture demonstrators. 2,730,805, 1-17-56, Cl. 32-71.
- Smoot, Charles H., to Republic Flow Meters Co. Combustion control system. 2,743,869, 5-1-56, Cl. 236-24.5.
- Smoot, Charles H., and N. A. Phillips, to Republic Flow Meters Co. Force responsive control mechanism. 2,733,608, 2-7-56, Cl. 74-1.
- Smoot, Charles H., and N. A. Phillips, to Republic Flow Meters Co. Voltage-limiting means. 2,737,600, 3-6-56, Cl. 307-80.
- Smoot-Holman Co.: See—
- Thomas, Gale F., and Bixby. 2,753,445.
- Smreker, Larry E., to J. R. Co., and to A. A. Abramaska. Pushers. 2,752,161, 6-20-56, Cl. 279-46.



- Smul, Joseph F. Through-wall electrical conductor support. 2,758,152, 8-7-56, Cl. 174-153.
- Smullin, Louis D., to the United States of America as represented by the Secretary of the Navy. Local oscillator mixer circuit. 2,763,777, 9-18-56, Cl. 250-20.
- Smulski, Theodore J., to Productive Inventions, Inc. Adjustable arm for windshield wiper. 2,749,158, 6-5-56, Cl. 287-58.
- Smusz, Teddy F., to Royal McBee Corp. Bookkeeping device with cash drawer. 2,749,032, 6-5-56, Cl. 235-5.
- Smusz, Teddy F., to Royal McBee Corp. Punching and notching machine. 2,762,434, 9-11-56, Cl. 164-112.
- Smyers, Keith A. Connector for electric cables. 2,755,451, 7-17-56, Cl. 339-177.
- Smyrnov, William. Revolving fan parasol. 2,729,220, 1-3-56, Cl. 135-16.
- Smyser, Elmer D. Fluid meters. 2,738,775, 3-20-56, Cl. 121-93.
- Smyth, Charles N., to The Birmingham Small Arms Co. Ltd. Transducer. 2,748,369, 5-29-56, Cl. 340-110.
- Smyth, Albert D. Detachable, adjustable shape mop head. 2,730,748, 1-17-56, Cl. 15-229.
- Smyth Mfg. Co. The. See—Schramm, Carl. 2,752,153.
- Smyth, William H.: See—Bakalic, Mary, and Smyth. 2,765,025.
- Smythe, Alan: See—Zeilmann, Roy H., and Smythe. 2,731,097.
- Smythe, Carl V., and H. T. Huang, to Rohm & Haas Co. Enzymatic production of L-glutamic acid. 2,749,279, 6-5-56, Cl. 195-30.
- Smythe, Carl V., and H. T. Huang, to Rohm & Haas Co. Method of preparing citrate ion-derived L-glutamic acid. 2,773,001, 12-4-56, Cl. 195-30.
- Smythe, William R., and I. S. Bowen, to the United States of America as represented by the Secretary of the Navy. Camera for recording the yaw of a spin-stabilized projectile. 2,759,785, 8-21-56, Cl. 346-38.
- Snap-on Tools Corp.: See—Knudsen, Raymond G., and Last. 2,748,458.
- Snively, Benjamin L. Transducer, elements therefor, and methods of assembly thereof. 2,745,083, 5-8-56, Cl. 340.8.
- Snively, Benjamin L., to the United States of America as represented by the Secretary of the Navy. Sound velocity measuring system. 2,758,663, 8-14-56, Cl. 181-5.
- Snively, Harold L. Stabilized heating system. 2,766,937, 10-16-56, Cl. 236-15.
- Snedeker, Marion L.: See—Lanman, Patrick E., and Snedeker. 2,758,209.
- Sneed, Joseph F. Fishing float assembly. 2,775,056, 12-25-56, Cl. 43-43.11.
- Snell, Foster D., Inc.: See—Allen, Lyman H., Jr. 2,747,585.
- Snell, Harry V. Reciprocating jaw nutcracker. 2,731,994, 1-24-56, Cl. 146-16.
- Snell, James. Power-driven tree hack and puller. 2,737,716, 3-13-56, Cl. 30-121.
- Sneyd-Kynnersley, Thomas R. Wheeled carrier for transport of luggage. 2,752,163, 6-26-56, Cl. 280-47.96.
- Snia Viscosa, Società Nazionale Industria Applicazioni Viscosa, Società per Azioni. See—Diotti, Giacinto. 2,768,176.
- Diotti, Giacinto. 2,768,177.
- Snyder, Murray. Trolling device. 2,749,651, 6-12-56, Cl. 43-43.11.
- Snieg, Joseph. High pressure seal closure. 2,743,032, 4-24-56, Cl. 220-46.
- Snipes, Alvis H., to Greif Bros. Co. Apparatus for forming slack barrels. 2,745,455, 5-15-56, Cl. 147-4.
- Snively, Frank W.: See—McAfee, Frank W., Snively, and Vannest. 2,763,900.
- Snoddy, John H., to Malinite Corp. Method of producing glazed ceramic objects. 2,741,008, 4-10-56, Cl. 25-156.
- Snoddy, Leland B.: See—Beams, Jesse W., and Snoddy. 2,763,155.
- Snoddy, Max E.: See—Roby, John W., Jr., and Snoddy. 2,737,615.
- Snoke, Donald R.: See—Toth, Michael J., and Snoke. 2,742,976.
- Snover, Melvin W.: See—Williamson, Donald G., Snover, and H. A. and R. H. Andresen. 2,772,633.
- Williamson, Donald G., Snover, and H. A. and R. H. Andresen. 2,772,635.
- Snow, Barton S., to T. V. Snow Construction Co. Locomotive sanding station. 2,768,769, 10-30-56, Cl. 222-185.
- Snow, Eric W.: See—Fletcher, Arthur H., Payne, Ellison, and Snow. 2,741,351.
- Snow, Henry J.: See—Slayter, James, Snow, and Phillips. 2,736,362.
- Slayter, James, Snow, and Phillips. 2,763,099.
- Snow, Jack N., F. A. Greenwald, and W. C. Ticknor, to National Tire Bearing Co., Inc. Method of making a corrugated fabric duct. 2,743,759, 3-1-56, Cl. 154-8.
- Snow, John E., to Acme Precision Products, Inc. Aircraft barrier. 2,770,431, 11-13-56, Cl. 244-110.
- Snow, John E., to Heyden Chemical Corp. 2,2-dimethylol-1,5-dihydropentane and derivatives thereof. 2,775,622, 12-25-56, Cl. 260-635.
- Snow, Kenneth T.: See—Olson, Raymond G. 2,729,242.
- Snow-Nabstet Gear Corp. The. See—Bernstdt, John O. 2,734,401.
- Snow, Raymond M. Spraying apparatus. 2,731,295, 1-17-56, Cl. 299-30.
- Snow, Roland B., to United States Steel Corp. Method of removing scale from ferrous workpieces. 2,762,729, 9-11-56, Cl. 134-19.
- Snow, T. W. Construction Co.: See—Snow, Barton S. 2,768,769.
- Snow, Thomas W.: See—Dorosz, Adolph S., and Snow. 2,772,416.
- Snowden, J. H.: See—Potts, Robert W. 2,732,564.
- Snuggs, John F., J. A. Bock, and J. E. Wolf, to Standard Oil Co. Hydrocarbon reforming with platinum catalyst and regeneration system therefor. 2,773,014, 12-4-56, Cl. 196-0.
- Snuggs, John F., and C. M. Walker, to Standard Oil Co. Fluid hydroforming. 2,761,820, 9-4-56, Cl. 196-50.
- Snyder, Benjamin N.: See—Worden, Donald P., Eastman, Snyder, and Payne. 2,757,732.
- Snyder, Clermont J., and W. G. MacLelland, to Anaconda Wire & Cable Co. Process for drawing and heat treating magnesium wire. 2,750,311, 6-12-56, Cl. 148-4.
- Snyder, Clifford H., to Nutritional Concentrates, Inc. Fluid discharge nozzle. 2,758,874, 8-14-56, Cl. 299-65.
- Snyder, Clifford H., and H. C. Funt, to The Colmol Co. Intermittent mining machine with turntable mounted rotary chipping heads. 2,740,618, 4-3-56, Cl. 262-9.
- Snyder, Ellery P., and S. P. Antipapas, to Aviation Engineering Division Avien-Knickerbocker, Inc. Velocity responsive clutch mechanism and devices utilizing same. 2,755,397, 7-17-56, Cl. 810-95.
- Snyder, Francis H.: See—Anderson, Denton, and Snyder. 2,764,452.
- Snyder, Herman. Frequency control circuit. 2,756,335, 7-24-56, Cl. 250-36.
- Snyder, Joseph B. Device for setting planer blades. 2,747,291, 5-29-56, Cl. 33-185.
- Snyder, Ivan E.: See—Parry, Frank, and Snyder. 2,771,965.
- Snyder, Jacob R. Air brake mechanism. 2,730,408, 1-10-56, Cl. 303-35.
- Snyder, Jacob R. Air brake control valve mechanism. 2,730,409, 1-10-56, Cl. 303-68.
- Snyder, Jacob R. Sealing pad for railroad ties. 2,743,058, 4-24-56, Cl. 238-283.
- Snyder, Jacob R., to Thompson Products, Inc. Drum drain-age control unit. 2,756,910, 7-31-56, Cl. 229-64.
- Snyder, Jacob R., to Thompson Products, Inc. Flow divider. 2,761,462, 9-4-56, Cl. 137-101.
- Snyder, James, to the United States of America as represented by the Secretary of the Army. Voltage regulator. 2,743,022, 5-8-56, Cl. 307-43.
- Snyder, James, to the United States of America as represented by the Secretary of the Army. Pulse stretching and indicating system. 2,755,414, 7-17-56, Cl. 315-22.
- Snyder, James E., and C. M. Carson, to The Goodyear Tire & Rubber Co. Heat sealer. 2,743,761, 5-1-56, Cl. 154-42.
- Snyder, James E., and R. J. Swartz, to The Goodyear Tire & Rubber Co. Cores of packaging dried fruit. 2,744,019, 5-1-56, Cl. 99-171.
- Snyder, Kenneth E.: See—Herndon, Walter B., Snyder, and Condon. 2,761,328.
- Snyder, Kenneth E., to General Motors Corp. Shift valve mechanism and controls therefor. 2,751,182, 6-19-56, Cl. 251-28.
- Snyder, Kenneth E., to General Motors Corp. Controls for servo mechanisms. 2,768,503, 10-30-56, Cl. 60-97.
- Snyder, Lee M.: See—Baird, Roy W., and Snyder. 2,764,372.
- Snyder, Leonard L., to Backflow Engineering & Equipment Co. Backflow prevention and alarm device. 2,773,251, 12-4-56, Cl. 340-242.
- Snyder, Lester R., to Farnsworth Research Corp. Mounting device for vacuum tubes. 2,735,636, 2-21-56, Cl. 248-27.
- Snyder, Lester R. Plastic-like food product packaging. 2,751,306, 6-19-56, Cl. 99-171.
- Snyder, Mark D., to E. I. du Pont de Nemours and Co. Polyester from terephthalic acid, ethylene, glycol and polyethylene glycol. 2,744,087, 5-1-56, Cl. 260-75.
- Snyder, Oliver: See—Scully, William A., Snyder, and Linse. 2,750,985.
- Snyder, Phillip T. Automatic electrically controlled conveyor. 2,735,539, 2-21-56, Cl. 198-209.
- Snyder, Robert E.: See—Dresden, Mark K., and Snyder. 2,742,202.
- Snyder, Robert E. Impact drill. 2,742,264, 4-17-56, Cl. 255-3.
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- Snyder, Robert E. Pressure regulating system. 2,763,280, 9-18-56, Cl. 137-207.
- Snyder, Robert E. Shock wave absorber. 2,763,291, 9-18-56, Cl. 138-26.
- Snyder, Robert E. Apparatus for controlling hydraulic surge. 2,775,255, 12-25-56, Cl. 137-87.
- Snyder, Robert H.: See—Tawney, Pliny O., and Snyder. 2,755,271.
- Snyder, Robert M., to Super Mold Corp. of California. Sectional tire repair mold. 2,761,174, 9-4-56, Cl. 18-18.
- Snyder, Robert M., to International Telephone and Telegraph Corp. Synchronizing circuit. 2,761,895, 9-4-56, Cl. 178-69.5.

- Snyder, Russell B., to The Rauland Corp. Process of coating a cathode-heater element. 2,734,857, 2-14-56, Cl. 204-181.
- Snyder, Theodore J., Combination self-propelled pipe cleaner and spray. 2,767,416, 10-23-56, Cl. 15-104.12.
- Snyder, Thomas L., to the United States of America as represented by the Secretary of the Army. Method and apparatus for counting microorganisms. 2,771,398, 11-20-56, Cl. 195-103.5.
- Snyder, William N. Portable carrying handles. 2,759,239, 8-21-56, Cl. 27-27.
- Snyder, William W., to Clark Equipment Co. Piston wear and packing adapter ring. 2,757,994, 8-7-56, Cl. 309-23.
- Snytex S. A. *See*—
- Sondheimer, Franz, Djerassi, Rosenkranz, and Mancera. 2,751,379.
- Soans, Cyril A. Toilet paper cabinet. 2,735,740, 2-21-56, Cl. 312-284.
- Soave, John G., to Waldes Kohinoor, Inc. Automatic control mechanisms for machines with interdependently operating parts. 2,734,604, 2-14-56, Cl. 192-31.
- Sore, John G., to Waldes Kohinoor, Inc. Slide fastener manufacture. 2,752,907, 7-3-56, Cl. 164-15.
- Sobel, Frederick; *See*—
- Windsor, Walter E., Jr., and Sobel. 2,741,921.
- Sobel, Henry I.; *See*—
- Rabinovitch, Benjamin, and Rothgart. 2,769,486.
- Sobel, John A., III, to Radio Corp. of America. Sliding connector for printed circuit boards. 2,731,609, 1-17-56, Cl. 339-17.
- Soberman, Herbert L. Tub-stall. 2,756,438, 7-31-56, Cl. 4-149.
- Sobesky, John C. Label holder for ledger book. 2,764,161, 9-25-56, Cl. 129-1.
- Sobin, Ben A., J. B. Routien, and T. M. Lees, to Chas. Pfizer & Co., Inc. Oleandomycin, its salts and production. 2,757,123, 7-31-56, Cl. 167-65.
- Sobisch, Johannes, to Anker-Werke Aktiengesellschaft. Data storing apparatus for business machines, particularly accounting machines or the like. 2,765,118, 10-2-56, Cl. 235-61.
- Soccoli, Dom D. Abrasive holder. 2,729,037, 1-3-56, Cl. 51-197.
- Sociedade Industrial Silpa Ltda.; *See*—
- Giuseppe, Savio, Viviani, and Silva. 2,745,201.
- Società Alessandro Calzoni; *See*—
- Colliva, Dante. 2,760,413.
- Società Applicazioni Gomma Antivibranti S. A. G. A. Società per Azioni; *See*—
- Boschi, Antonio. 2,754,667.
- Forcellini, Renzo. 2,752,149.
- Società Del Linoleum, Società Per Azioni; *See*—
- Borgese, Giusto. 2,748,042.
- Società per Azioni Atoma; *See*—
- Filippi, Alberto, and Malafarina. 2,768,946.
- Società per Azioni Fratelli Borletti; *See*—
- Amman, Giuseppe. 2,729,178.
- Société Aéronautiques et Mécaniques S. I. A. M.; *See*—
- Lucien, René. 2,746,254.
- Société Alsacienne de Constructions Mécaniques; *See*—
- Bommelaer, Jean. 2,767,439.
- Couanault, Georges R. 2,732,520.
- Couanault, Georges R. 2,760,147.
- Dunand, Robert M. E. 2,754,477.
- Dureau, Gabriel H. L. 2,752,507.
- Halleux, Hubert. 2,756,296.
- Société Anonyme Adolphe Saurer; *See*—
- Wiget, Georg. 2,743,744.
- Société Anonyme André Citroën; *See*—
- Brueder, Antoine. 2,732,725.
- Brueder, Antoine. 2,757,376.
- Brueder, Antoine. 2,759,584.
- Brueder, Antoine. 2,767,334.
- Société Anonyme Belge de Mécanique et D'Armement; *See*—
- Brandt, Edgar W. 2,772,635.
- Société Anonyme de Machines Electrostatiques; *See*—
- Félic, Noel, and Point. 2,756,352.
- Point, Marcel. 2,754,453.
- Société Anonyme de Télécommunications; *See*—
- Lebedinsky, Myron. 2,773,940.
- Vergès, Paul F. 2,760,228.
- Société Anonyme des Acieries et Forges de Firminy; *See*—
- Blain, Paul. 2,736,217.
- Société Anonyme des Anciens Etablissements Panhard & Levasor; *See*—
- Delagrange, Louis. 2,752,902.
- Société Anonyme des Ateliers et Chantiers de la Loire; *See*—
- Le Flein, Léon. 2,754,725.
- Société Anonyme des Automobiles Peugeot; *See*—
- Tollé, Hubert F. 2,733,789.
- Société Anonyme des Etablissements A. Valuy Bollène-la-Croissière (Vaucluse); *See*—
- Pallier, Pierre P. 2,755,532.
- Société Anonyme des Forges Stéphanoises; *See*—
- Ollagnon, Paul. 2,749,786.
- Ollagnon, Paul. 2,749,787.
- Société Anonyme des Manufactures des Glaces et Produits Chimiques de Saint-Gobain, Chauny & Crey; *See*—
- Arcelt, Pierre, and Mathey. 2,773,111.
- Cherrier, Claude M. 2,728,097.
- Cherrier, Claude M. 2,738,813.
- Cherrier, Claude M. 2,751,777.
- Choussy, Jean. 2,729,737.
- La Barthe, Pierre H. 2,761,890.
- Peyches, Ivan. 2,752,233.
- Viard, Marcel J. 2,768,197.
- Viard, Marcel J. 2,773,007.
- Société Anonyme des Pneumatiques Dunlop; *See*—
- Neelot, Noël. 2,735,662.
- Société Anonyme Dite: "Appareillage V. F. B."; *See*—
- Schwob, Louis. 2,735,301.
- Société Anonyme dite: Ateliers G. S. P. Guillemin-Sergot-Pégaré; *See*—
- Pégaré, Pierre. 2,767,547.
- Société Anonyme dite: Centre d'Etudes M. B. A. (Mécanique Balistique, Armement); *See*—
- Gourdon, Robert. 2,751,090.
- Gourdon, Robert. 2,751,092.
- Société Anonyme dite: Compagnie Française de Raffinage; *See*—
- Gislon, André, and Quiquerez. 2,759,874.
- Société Anonyme dite: Cri-Dan; *See*—
- Renoux, Pierre E. 2,753,071.
- Renoux, Pierre E. 2,769,186.
- Société Anonyme dite: "Etablissements Cazenave"; *See*—
- Bruet, Henri R. 2,773,298.
- Société anonyme dite: Etablissements Grosbras; *See*—
- Grosbras, Pierre J. 2,746,552.
- Société Anonyme dite: Etablissements Huillard; *See*—
- Mastagli, Pierre. 2,763,666.
- Société Anonyme dite: Société Générale Isothermos; *See*—
- Bouvat-Martin, Jean. 2,754,161.
- Société Anonyme dite: Société Nouvelle de Construction de Machines-Outils et d'Outillages Procédés C. W. B.; *See*—
- Berthiez, Charles W. 2,750,851.
- Société Anonyme dite: Sténotype Grandjean; *See*—
- Segul, Jean. 2,755,905.
- Société Anonyme "Electromecanique"; *See*—
- Gomonet, Edouard. 2,750,536.
- Peretz, Richard. 2,752,467.
- Société Anonyme Etablissements Ed. Jaeger; *See*—
- Fauvelot, Pierre E. R. 2,759,801.
- Fauvelot, Pierre E. R. 2,752,783.
- Société Anonyme Française du Ferodo; *See*—
- Stenger, Maximilien. 2,765,060.
- Stenger, Maximilien. 2,773,576.
- Société Anonyme les Forges de Trugbrugge; *See*—
- Bodiaux, Gaston. 2,748,465.
- Société Anonyme pour la Construction de Matériel Automobile (S. A. C. M. A.); *See*—
- Mennesson, Marcel. 2,751,778.
- Société Anonyme pour les Applications de l'Electricité et des Gaz Rares-Etablissements Claude-Paz & Silva; *See*—
- Claude, André, and Lemaigre-Voreaux. 2,753,615.
- Lemaigre-Voreaux, Pierre. 2,738,435.
- Lemaigre-Voreaux, Pierre. 2,741,680.
- Société Anonyme so-called: Compagnie Electro-Mécanique; *See*—
- Destival, Pierre. 2,738,645.
- Société Anonyme, so-called: Société d'Etudes et de Recherches Industrielles S. O. T. R. E. M. A.; *See*—
- Mettaller, Roger. 2,738,223.
- Société Anonyme Tubest; *See*—
- De la Tramerie, Raymond. 2,749,949.
- Miquel, François M. 2,772,708.
- Société a Responsabilité Limitée: Aucemo; *See*—
- Saquet, André M. 2,764,082.
- Société a responsabilité limitée dite: Gambin & Cie.; *See*—
- Chauvel, Raymond G. 2,734,394.
- Société a Responsabilité Limitée dite: Paris Creation; *See*—
- Lacotte, Edmond. 2,740,447.
- Société à Responsabilité Limitée dite: S. E. B. I. M., Société d'Exploitation des Brevets et Inventions Marrie; *See*—
- Marrié, Paul A. R. A. 2,757,373.
- Société a Responsabilité Limitée dite: Société d'Etudes de Machines Spéciales; *See*—
- Armelin, Edouard R., and Plaskett. 2,766,811.
- Chambon, Louis J. 2,757,372.
- Société a responsabilité limitée Les Ateliers de Constructions Mécaniques C. A.; *See*—
- Weissshuhn, Peter. 2,759,542.
- Société a responsabilité limitée, Société des Mécaniques Verdol; *See*—
- Dalle, Olivier. 2,773,515.
- Société Barford; *See*—
- Petit, Roger M. 2,742,131.
- Société Belge de l'Azote et des Produits Chimiques du Marly; *See*—
- Braconier, Frederic F. A., and Arnould. 2,759,955.
- Société Bureau de Recherches et d'Exploitation de Procédés et Brevets; *See*—
- Akerib, Ezechiel. 2,734,265.
- Société Chimiotex; *See*—
- Driscoll, Nicolas, and Brepson. 2,746,281.
- Rouillon, Jean. 2,749,601.
- Société Civile d'Etudes de Centrifugation; *See*—
- Robert, Philippe. 2,752,648.
- Société Civile d'Etudes pour la Fabrication de Produits Industriels Manufactures (S. E. P. I. M.); *See*—
- Roi, René C. 2,738,818.



- Societe Cometa: *See*—  
 Jay, Aime. 2,753,492.
- Societe d'Appareils de Controle et d'Equipement des Moteurs (S. A. C. E. M.): *See*—  
 Mennesson, Andre L. 2,767,912.  
 Mennesson, Marcel. 2,751,991.  
 Mennesson, Marcel L. 2,768,005.
- Societe de Constructions Mecaniques de Stains: *See*—  
 Sans, Marcel. 2,751,921.  
 Tissot, Germain, and Ott. 2,746,091.
- Societe de la Pile Leclanché: *See*—  
 Depoix, Pierre. 2,751,428.
- Societe de la Viscose Suisse: *See*—  
 Bolomey, Benjamin. 2,737,041.
- Societe de Produits Chimiques des Terres Rares: *See*—  
 Freud, Herbert M. 2,737,498.
- Societe de Prospection et d'Inventions Techniques Spit: *See*—  
 Bumiller, Jacques. 2,731,636.
- Societe de Prospection Electrique Procédes Schlumberger: *See*—  
 Picard, Maxime F. B. 2,746,162.  
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- "Societe de Robinetterie S. A. J.": *See*—  
 Perrin, René E. and Lafaye. 2,746,565.
- Societe d'Electro-Chimie d'Electro-Metallurgie et des Acieries Electriques d'Ugine: *See*—  
 Cuelleron, Jean, Long, and Pascaud. 2,750,271.  
 Greffe, André. 2,733,989.  
 Perrin, René. 2,732,299.  
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 Perrin, René, and Lamberton. 2,750,280.
- Societe d'Electronique et d'Automatisme: *See*—  
 Gloess, Paul F. M. 2,729,811.  
 Raymond, François H. 2,771,244.
- Sokoloff, Boris A. 2,761,092.
- Societe d'Equipements Industriels et Laitiers: *See*—  
 Schneider, Ernst W. 2,738,930.  
 Schneider, Ernst W. 2,738,931.
- Societe des Accumulateurs Fixes et de Traction (Societe Anonyme): *See*—  
 Salauze, Jean. 2,744,948.  
 Stanimirovitch, Donchan. 2,740,824.
- Societe des Acieries de Longwy (Societe Anonyme): *See*—  
 Burstein, Eugène M. 2,752,293.
- Societe Des Brevets Logobax: *See*—  
 Campos, Francisco. 2,762,561.
- Societe des Forges et Ateliers du Creusot: *See*—  
 Fleux, Jean. 2,758,437.
- Societe des Usines Chimiques Rhone Poulenc: *See*—  
 Buissan, Paul J. C., Gailliot, and Gaudechon. 2,769,002.  
 Dumas, Jean R. 2,747,674.  
 Fluchaire, Maurice L. A., and Phelisse. 2,735,827.  
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 Funke, Albert. 2,765,317.  
 Gailliot, Paul, and Debarre. 2,744,912.  
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 Lafumas, Paul, and Abbotienc. 2,732,381.  
 Metivier, Jean. 2,752,283.  
 Meyer, Robert, and Garnier. 2,773,856.  
 Mosnier, Michel M. 2,737,527.  
 Mosnier, Michel M. 2,761,877.  
 Paul, Raymond E., Buissan, and Joseph. 2,748,108.  
 Paul, Raymond E., Buissan, and Joseph. 2,765,346.  
 Paul, Raymond E., and Tchelitcheff. 2,768,174.  
 Peyrot, Pierre P., and Proriot. 2,735,791.
- Societe d'Etudes Chimiques pour l'Industrie et l'Agriculture: *See*—  
 Binan, Antoine. 2,752,222.  
 Hulot, Georges. 2,771,996.
- Societe d'Etudes de Machines Speciales: *See*—  
 Chambon, Jean L. 2,757,497.
- Societe d'Etudes et de Construction d'Appareils de Securite J. R. G.: *See*—  
 Faugier, Gabriel A. 2,761,650.
- Societe d'Etudes et de Constructions Aero-Navales: *See*—  
 Barre, Maurice. 2,756,893.
- Societe d'Etudes et de Participations Eau, Gaz, Electricite, Energie, S. A.: *See*—  
 Huber, Robert. 2,741,232.  
 Huber, Robert. 2,745,246.  
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 Huber, Robert. 2,759,327.
- Societe d'Etudes Mecaniques et d'Organisation Industrielle: *See*—  
 Mano, Raphaël L. 2,774,271.
- Societe d'Exploitation des Brevets C. L. S.: *See*—  
 Clatot, Alfred, Lemoine, and Segal. 2,757,138.
- "Societe d'Exploitation des Materials Hispano-Suiza," S. A.: *See*—  
 Bourquard, Louis M. E. 2,730,927.
- Societe d'Exploitation des Procédes Serix: *See*—  
 Meisch, Georges A. 2,751,792.
- Societe Dimar: *See*—  
 Petit, Roger M. 2,742,131.
- Societe d'Inventions Aeronautiques et Mecaniques S. I. A. M.: *See*—  
 Lucien, René. 2,732,805.  
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 Larivière, Oscar. 2,737,207.
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 Diény, Alfred. 2,764,135.
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- Solomon, Nathan L. Curl holding clip. 2,730,111, 1-10-56, Cl. 15-10.
- Solomon, Nathan L. Bobby pin dispenser. 2,771,887, 11-27-56, Cl. 132-1.
- Solomon, Nathan L. Shampoo brush with detachable handle. 2,772,434, 12-4-56, Cl. 15-176.
- Solonche, Louis H.: *See*—  
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- Solow, Benjamin, to International Resistance Co. Method of manufacturing rectifier cells. 2,743,506, 5-1-56, Cl. 29-135.5.
- Solow, Benjamin. Stationary hub cap cover. 2,754,154, 7-10-56, Cl. 301-108.
- Soloway, Samuel B.: *See*—  
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- Soloway, Samuel B., to Shell Development Co. Halo-substituted bicyclic compounds. 2,759,011, 8-14-56, Cl. 260-464.
- Soloway, Samuel B., to Shell Development Co. Halo-substituted bicyclic aldehydes. 2,761,879, 9-4-56, Cl. 260-598.
- Soloway, Samuel B., R. E. Lidov, H. Bluestone, and J. Hyman to Shell Development Co. Nortricyclic esters. 2,738,356, 3-13-56, Cl. 260-410.
- Soloway, Samuel B., J. G. Morales, and J. V. Overbeek, to Shell Development Co. Plant regulators. 2,758,918, 8-14-56, Cl. 71-2.6.

- Solt, George S.: *See*—  
Williams, Thomas H., and Solt. 2,758,968.
- Soltan Ltd.: *See*—  
Donner, Hans O. 2,733,638.  
Donner, Hans O. 2,765,707.  
Donner, Hans O. 2,773,450.
- Solux Corp.: *See*—  
Spinetta, Anthony E. 2,762,911.
- Solvay & Co.: *See*—  
Deprez, Charles-Louis, and Daras. 2,757,076.  
Vanhare, Lambert, and Octors. 2,750,281.
- Soman, Robert, to The Federal Machine and Welder Co.  
Fluid control apparatus. 2,761,426, 9-4-56, Cl. 121-53.
- Somers, Charles H. H.: *See*—  
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- Somers, Francis M. Bucket linkage. 2,744,640, 5-8-56, Cl. 214-147.
- Somers, Frank J., to Radio Corp. of America. Magnetic video recording and reproducing. 2,762,861, 9-11-56, Cl. 178-6.6.
- Somers, Richard L., to Parker Rust Proof Co. Solution for and method of cleaning and coating metallic surfaces. 2,762,732, 9-11-56, Cl. 148-6.2.
- Somers, Richard M., to Thomas A. Edison, Inc. Signaling systems for dictating machines. 2,770,680, 11-13-56, Cl. 179-100.1.
- Somers, Richard M., and F. J. Safford, to Thomas A. Edison, Inc. Multitap controlled phonographic systems. 2,755,341, 7-17-56, Cl. 179-100.1.
- Somers, Richard M., and F. J. Safford, to Thomas A. Edison, Inc. Remotely-controlled dictation-recording system. 2,757,238, 7-31-56, Cl. 179-6.
- Somerset, James H.: *See*—  
Besselman, Wayne L., Somerset, and Tauber. 2,752,147.
- Somerville, Albert A., to R. T. Vanderbilt Co., Inc. Agricultural fungicide. 2,752,282, 6-26-56, Cl. 167-22.
- Somerville, Albert A., to R. T. Vanderbilt Co., Inc. Control of fungus on apple with manganoous dimethyl dithiocarbamate. 2,765,254, 10-2-56, Cl. 167-22.
- Somerville, Herbert E.: *See*—  
Cohen, Sidney O., Goodell, Hilton, Somerville, and Street. 2,764,984.
- Somerville Ltd.: *See*—  
Barrington, William F., and Skillen. 2,768,777.
- Somerville, Robert L.: *See*—  
Young, Thomas R., and Somerville. 2,731,405.  
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- Somerville, Thomas, III.: *See*—  
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- Somes, Howard E., to Ladish Co. Electrical conductor. 2,740,095, 8-27-56, Cl. 232-90.6.
- Sommer, Alfred H., to Electric & Musical Industries Ltd. Secondary electron emitting coatings and method for producing same. 2,739,084, 3-20-56, Cl. 117-211.
- Sommer, Alfred H., to Radio Corp. of America. Photoelectric cathode and method of producing same. 2,770,561, 11-13-56, Cl. 117-211.
- Sommer, Friedrich: *See*—  
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- Sommer, Harry J., to Shell Development Co. Asphalt emulsions. 2,739,506, 1-1-56, Cl. 282-3.5.
- Sommer, Harry J., Lafayette, and W. H. Peterson, to Shell Development Co. Asphalt compositions and method of preparing same. 2,730,454, 1-10-56, Cl. 106-273.
- Sommer, Kurt, to Sommer & Maca Glass Machinery Co. Conveyor structure for flat glass edging beveling and polishing apparatus. 2,754,956, 7-17-56, Cl. 198-162.
- Sommer, Leo H., to Dow Corning Corp. Organosilicon esters. 2,770,633, 11-13-56, Cl. 260-448.2.
- Sommer, Leo H., to Dow Corning Corp. Triorganosilyl amino acids. 2,774,778, 12-18-56, Cl. 260-448.2.
- Sommer & Maca Glass Machinery Co.: *See*—  
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- Sommer, Richard: *See*—  
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- Sommer, Richard, and R. Hofmeister, to Voigtlander, A. G. Reversible viewfinder for photographic cameras. 2,771,810, 11-27-56, Cl. 88-1.5.
- Sommerfeld, Rudolf: *See*—  
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- Sommerhalter, Gustav O., to The American Laundry Machinery Co. Work clamp for folding machine. 2,759,726, 8-21-56, Cl. 270-80.
- Sommerhoff, Gerd W. C., to Lines Bros. Ltd. Steering device for model boat or vehicle. 2,742,735, 4-24-56, Cl. 46-244.
- Sommers, Armiger H.: *See*—  
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- Sommers, Armiger H., and J. D. Barnes, to Abbott Laboratories. Alkylene-diazides. 2,769,819, 11-6-56, Cl. 260-349.
- Sondermann, Karl: *See*—  
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- Sondheimer, Franz: *See*—  
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- Song, John, and J. E. Gordon, to American Cyanamid Co. Dehydration of 3-cyano-4-carboxamide-6-methyl-2-pyridone. 2,752,353, 6-26-56, Cl. 260-294.9.
- Songier, Leo W., to General Electric Co. Valve seat locking mechanism. 2,736,529, 2-28-56, Cl. 251-360.
- Sonia, Joseph A.: *See*—  
Thornberg, Joseph E., and Sonia. 2,740,813.
- Sonnabend, Lawrence F., and C. R. Williams, to The Dow Chemical Co. Production of resin-impregnated porous bodies. 2,740,728, 4-3-56, Cl. 117-59.
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- Sonnberger, Heinrich, to C. Zeiss. Counting device for a radio accession of numbers. 2,760,723, 8-28-56, Cl. 235-136.
- Sonnberger, Heinrich, to C. Zeiss. Vacuum plant located in pre-vacuum tank. 2,772,047, 11-27-56, Cl. 230-232.
- Sonnberger, Rudolph, The Linen Thread Co., Inc. Knot and one half. 2,732,750, 1-31-56, Cl. 87-12.
- Sonneborn, L. Sons, Inc.: *See*—  
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- Salzmann, Leo, Letta, and Rorell. 2,731,455.
- Sonneborn, Ralph H., and F. W. Deenen, to Owens-Corning Fiberglass Corp. Apparatus for the preparation of glass fiber reinforced molding compositions. 2,745,491, 5-15-56, Cl. 164-61.
- Sonnemann, William K., to Westinghouse Electric Corp. In-circuit-type alternating-current relays. 2,752,539, 6-26-56, Cl. 317-167.
- Sonnenfeld, Richard J.: *See*—  
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- Sonnenfeldt, Richard W., to Radio Corp. of America. Dynamic beam control systems. 2,730,651, 1-10-56, Cl. 315-12.
- Sonnenfeldt, Richard W., to Radio Corp. of America. Wave generating systems. 2,734,945, 2-14-56, Cl. 178-69.5.
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- Sonnenfeldt, Richard W., to Radio Corp. of America. Synchronized sawtooth wave generating circuits. 2,753,485, 7-3-56, Cl. 315-27.
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- Sonnet, Hermann: *See*—  
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- Sonntag, Helmut C., to Glenwood Machinery Associates, Inc. Automatic lathe machine. 2,745,220, 5-15-56, Cl. 51-154.
- Sonoco Products Co.: *See*—  
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Adams, William S., and Whaley. 2,765,496.  
Copenhagen, James E., Blum, and Baxley. 2,744,927.  
Dunlap, Charles K., and Crawford. 2,765,129.
- Sonotone Corp.: *See*—  
Crownover, Joseph W., and Koren. 2,769,867.
- Sontag, Albert P., F. S. Simon, and G. E. Hienstadt, to The Fifth Carpet Co., Inc. Pile yarn attachment for carpet looms. 2,760,520, 8-28-56, Cl. 139-38.
- Sontheim, Herman W., to The Robert Mitchell Co. Ltd. Parcel racks for vehicles. 2,747,745, 5-29-56, Cl. 211-90.
- Sontheimer, Carl G., to C. G. S. Laboratories, Inc. Variable time delay system. 2,742,613, 4-17-56, Cl. 333-29.
- Sontheimer, Carl G., to C. G. S. Laboratories, Inc. Apparatus for magnetic rectifiers. 2,762,009, 9-4-56, Cl. 321-43.
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- Sontheimer, Fred F.: *See*—  
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- Sooter, M. E.: *See*—  
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- Soper, Glenn T.: *See*—  
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- Sorber, Gordon P., administrator: *See*—  
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- Sörensen, Sven O., to Svenska Akkumulator Aktiebolaget Jungner. Dynamo electric machine for telemetering angle data. 2,731,574, 1-17-56, Cl. 310-49.
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- Soreghan, George L. Spinning rope with swiveled handle. 2,771,857, 11-27-56, Cl. 119-153.
- Sorem, Stanley S.: *See*—  
Stuckman, Ernest S., and Sorem. 2,754,198.
- Soreng, Edgar M., and H. Y. Fisher, to Soreng Products Corp. Solenoid with plunger. 2,734,153, 2-7-56, Cl. 317-191.
- Soreng, Edgar M., and I. Gebel, to Soreng Products Corp. Automatic defrosting means for refrigeration apparatus. 2,737,025, 3-6-56, Cl. 62-3.
- Soreng Products Corp.: *See*—  
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- Sorensen, Andrew J., to Westinghouse Air Brake Co. Testing device and method for railway traffic control apparatus. 2,740,939, 4-3-56, Cl. 324-158.
- Sorensen, Clarence A.: See—
- Sorensen, William P., and Sorensen. 2,762,403.
- Sorensen & Co., Inc.: See—
- Bunblasky, Adolph, and Brown. 2,744,231.
- Bunblasky, Adolph C., and Brown. 2,732,499.
- Burger, Seymour G. 2,741,527.
- Heiterline, Leo H., Jr., and Bunblasky. 2,753,512.
- Heiterline, Leo H., Jr. 2,767,327.
- Muchnick, Paul. 2,753,514.
- Scherer, Bernard L. 2,755,429.
- Sorensen, Earl G.: See—
- Schmitt, Otto H., and Sorensen. 2,743,024.
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- Sorensen, Egon. Compressor. 2,744,677, 5-8-56, Cl. 230-49.
- Sorensen, Einar. Defrosting means for refrigerating systems. 2,763,131, 9-18-56, Cl. 62-3.
- Sorensen, George E. Dimension averaging measuring instrument. Re. 23,224, 9-25-56, Cl. 33-143.
- Sorensen, George E. Center spacing test comparator and method. 2,774,145, 12-18-56, Cl. 33-147.
- Sorensen, Hans W. Intravenous needle. 2,746,454, 5-22-56, Cl. 128-221.
- Sorensen, Knud B., and F. M. Brinkmeyer, to Deere & Co. Back rack frame for beet harvesters. 2,736,155, 2-28-56, Cl. 56-121.45.
- Sorensen, Knud B., and J. O. Braet, to Deere & Co. Laterally flexible draft mechanisms. 2,746,770, 5-22-56, Cl. 280-46.
- Sorensen, Knud B., and H. F. Clausen, to Deere & Co. Beet harvester. 2,763,113, 9-18-56, Cl. 55-134.
- Sorensen, Nils A., and J. Mehlum. Method of manufacturing vanilla. 2,752,394, 6-26-56, Cl. 260-600.
- Sorensen, Pere C.: See—
- Toussaint, William S. 2,773,381.
- Sorensen, Stanley E., to E. F. Gaines. Method for securing supporting spline strips. 2,761,142, 9-4-56, Cl. 1-60.
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- Sorf, Edward J.: See—
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- Sorg, Harold E., to Eitel-McCullough, Inc. Ceramic vacuum tube. 2,740,067, 2-17-56, Cl. 312-245.
- Sorg, Harold E., to Eitel-McCullough, Inc. Ceramic vacuum tube. 2,754,445, 7-10-56, Cl. 313-250.
- Sorg, Leonard V.: See—
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- Offutt, Elmer B., and Sorg. 2,773,237.
- Sorg, Leonard V., to Standard Oil Co. Naphtha sweetening with a phenylenediamine followed by alkali. 2,766,181, 10-9-56, Cl. 196-29.
- Soriano, Andres: See—
- Rousseau, Robert. 2,731,585.
- Soriano, Thomas J., and J. D. Alessio. Conveyor apparatus with clamping and stretching mechanism. 2,769,529, 11-6-56, Cl. 198-179.
- Soring, Clarence E. Test indicator. 2,750,675, 6-19-56, Cl. 33-172.
- Sorma, George J.: See—
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- Sorum, Andrew. Tear strip can opener. 2,765,952, 10-9-56, Cl. 220-52.
- Sosa, Francisco. Multiple pivoted ratcheting jaw wrench. 2,762,249, 9-11-56, Cl. 81-91.
- Sosin, Boleslaw M., to Marcon's Wireless Telegraph Co. Ltd. T-magnetron filters for use on very high frequencies. 2,751,557, 6-19-56, Cl. 333-73.
- Soss Mfg. Co.: See—
- Marko, Harold M. 2,764,440.
- Marko, Harold M. 2,764,441.
- Sottini, John. Compact shaving kit. 2,769,565, 11-6-56, Cl. 240-20.
- Souby, Armand M.: See—
- Cornell, Hampton G., Manne, Shepherd, and Souby. 2,775,544.
- Hoffmann, Edward J., and Souby. 2,763,701.
- Soucy, Guilbert F. Mirrorscope. 2,740,882, 4-3-56, Cl. 240-218.
- Souders, Martin R.: See—
- Robinson, John W., and Souders. 2,757,803.
- Soule, Arthur H., to Continental Specialties Co. Ltd. Window structure hardware. 2,750,635, 6-19-56, Cl. 20-42.
- Soule, Arthur H., to Dalmco Continental, Inc. Positive latch for awning type windows. 2,770,851, 11-20-56, Cl. 20-42.
- Soule, Charles W. Safety seat lowering device for aircraft passenger. 2,749,065, 6-5-56, Cl. 244-141.
- Souther, Charles W. Spread dispenser. 2,751,118, 6-19-56, Cl. 222-80.
- Soule, George C.: National Bank of Commerce of Portland, guardian of said G. C. Soule, to Maine Steel Corp. Flange-way cleaner. 2,759,520, 7-31-56, Cl. 37-36.
- Soule, Harold B., and G. W. Smithson, to Pratt & Whitney Co., Inc. Indexing mechanism and indexing control for motor driven turret lathes. 2,734,156, 2-7-56, Cl. 318-39.
- Soulet, Armand. Carrier for grindwheels for the truing of valve seats. 2,749,642, 7-17-56, Cl. 51-241.
- Soul Patinson, Washington H., and Co. Ltd.: See—
- Soul Sullivan, Ernest R. 2,730,099.
- Sound, Inc.: See—
- Tiger, Emil. 2,768,244.
- Soundrive Pump Co.: See—
- Von Seggern, Ernest A. 2,747,510.
- Von Seggern, Ernest A. 2,750,959.
- Soundscribe Corp., The: See—
- Balmer, Donald P., and Runge. 2,766,990.
- De Napoli, Anthony C., Jr., and Runge. 2,772,093.
- Lyon, William H. 2,772,328.
- Thompson, Lincoln, Runge, and Lyon. 2,743,319.
- Thompson, Lincoln, Runge, and Lyon. 2,750,449.
- Sousa, Daniel, to The Glidden Co. Accumulating device. 2,757,780, 8-7-56, Cl. 198-34.
- Soussloff, Dimitri G., and R. V. Tata, to Universal Winding Co. Apparatus for winding and like machines. 2,743,063, 4-24-56, Cl. 242-37.
- Souter, Raymond A. Oil dip stick wiper. 2,773,277, 12-11-56, Cl. 15-210.
- South Bend Lath Works: See—
- Costello, Otto A. 2,748,624.
- Costello, Otto A. 2,769,549.
- Southcomb, Harold J.: See—
- Speed, William C., and Southcomb. 2,757,099.
- Sontheimer, Carl G., to C. G. S. Laboratories, Inc. Counterfeit detector. 2,731,621, 1-17-56, Cl. 340-149.
- Southern, Raymond L., to Sarco, Inc. Apparatus for boarding and presetting textiles. 2,745,191, 5-15-56, Cl. 34-86.
- Southern, Raymond L.: See—
- Herres, Schuyler A., and Southern. 2,753,262.
- Southern, Raymond L., to Allegheny Ludlum Steel Corp. Vacuum pouring apparatus. 2,734,240, 2-14-56, Cl. 25-73.
- Southern, Raymond L., to Titanium Metals Corp. of America. Metal electrode closing device for melting crucibles. 2,759,034, 8-14-56, Cl. 13-18.
- Southern, Raymond L., and J. K. Ely, to Allegheny Ludlum Steel Corp. Vacuum pouring apparatus. 2,734,241, 2-14-56, Cl. 22-74.
- Southern United Telephone Cables Ltd.: See—
- Meadows, Stanley G., Hallas, and Searles. 2,769,958.
- Southern Wood Preserving Co.: See—
- Vaughan, Joseph A. 2,763,069.
- Southern States Equipment Corp.: See—
- Curtis, Thomas E. 2,759,076.
- Curtis, Thomas E. 2,769,019.
- Curtis, Thomas E., and Lemmon. 2,732,468.
- Curtis, Thomas E., and de Montmollin. 2,737,551.
- McBride, Joseph R. 2,750,470.
- McBride, Joseph R. 2,750,471.
- South River Metal Products Co., Inc.: See—
- Cohn, Max. 2,734,708.
- Southwell, Mary E.: See—
- Southwell, Raymond J. 2,769,222.
- Southwell, Raymond J., decedent; M. E. Southwell, executrix. Fabric and method of making same. 2,769,222, 11-6-56, Cl. 28-73.
- Southwest Welding & Mfg. Co.: See—
- Maloon, Earl B. 2,730,935.
- Southwestern Industrial Electronics Co.: See—
- Brath, Louis W., Madeley, and Geery. 2,772,388.
- Southwestern Petroleum Co., Inc.: See—
- Hooks, Robert M. 2,734,827.
- Southwick, Alva F. Variable speed transmission employing V-pulleys and belts. 2,760,386, 8-28-56, Cl. 74-722.
- Southwick, Charles R.: See—
- Gill, Joseph W., and Southwick. 2,749,267.
- Southwood, John, to The Distillers Co. Ltd. Preparation of N,N'-dibenzyl ethylene diamine. 2,772,312, 11-27-56, Cl. 260-570.9.
- Southworth, Ronald W., and D. L. Martin, to W. S. M. Resaw, Inc. Electric line set works for horizontal resaw. 2,739,626, 3-27-56, Cl. 143-120.
- Sowa, Frank J. Herbicidal composition. 2,769,702, 11-6-56, Cl. 71-2-2.
- Sowa, Frank J. Complexes of higher alkanol amines and boron trifluoride. 2,769,840, 11-6-56, Cl. 260-584.
- Sow, Albert: See—
- Kent, Samuel J., and Sower. 2,752,597.
- Sowerine, Elbert O., Jr., to Wigton-Abbott Corp. Process for converting nickel sulfide to nickel sulfate. 2,772,947, 12-4-56, Cl. 23-117.
- Sowler, Anthony B., to The General Electric Co. Ltd. Butt pressure welding device. 2,774,262, 12-18-56, Cl. 78-82.
- Sowler, Anthony B., and R. K. Hilton, to The General Electric Co. Ltd. Cold pressure welding. 2,736,090, 2-28-56, Cl. 29-470.1.
- Spach, André A. Machine for tagging laces. 2,740,156, 4-3-56, Cl. 18-1.
- Spader, William T. Leveling target. 2,755,555, 7-24-56, Cl. 33-74.
- Spader, William T. Liquid level. 2,755,560, 7-24-56, Cl. 33-209.

- Spaeth, Charles P., to E. I. du Pont de Nemours and Co. Production of alkyl nitrates. 2,768,964, 10-30-56, Cl. 260-466.
- Spaeth, Irvin J.: See—
- Spaeth, Donald E., and Spaeth. 2,729,311.
- Lewis, Frank W., and Spaeth. 2,746,576.
- Spafford, Hildreth A. Grapefruit cutter. 2,737,713, 3-13-56, Cl. 30-24.
- Spahn, Hilbert C. Expandable arbors. 2,738,980, 3-20-56, Cl. 279-2.
- Spaine, Edward P., to The Singer Mfg. Co. Thread trimming mechanisms for sewing machines. 2,752,871, 7-3-56, Cl. 112-252.
- Spalding, A. G., and Bros. Inc.: See—
- Brandon, Thomas O. 2,767,749.
- Brandon, Thomas O. 2,772,090.
- Spalding, David P., and G. E. Shepherd, to General Electric Co. Silicone water-repellent compositions. 2,758,946, 8-14-56, Cl. 117-133.5.
- Spalding, John D., to The National Supply Co. Free piston well pump. 2,757,614, 8-7-56, Cl. 103-52.
- Spalding, Robert S. Liquid ejection devices. 2,746,643, 5-29-56, Cl. 222-79.
- Spalding, Thomas R., to the United States of America as represented by the United States Atomic Energy Commission. Leak detector for pipe joint. 2,759,175, 8-14-56, Cl. 340-242.
- Spanel, Abraham N., to Cutter Corp. Hair cutters. 2,731,717, 1-24-56, Cl. 30-31.
- Spanel, Abraham N., to Cutter Corp. Hair cutter. 2,746,144, 5-22-56, Cl. 30-31.
- Spanel, Lois A., to International Latex Corp. Rubber latex brassiere. 2,724,418, 12-4-56, Cl. 2-42.
- Spang, William F., to Needham Mfg. Co. Inc. Meat treating mechanism. 2,737,684, 3-13-56, Cl. 17-26.
- Spangenberg, Charles B., to Auto Lamp Mfg. Co. Signal light system for motor vehicles. 2,751,522, 6-19-56, Cl. 315-79.
- Spangenberg, Hans E.: See—
- Hugel, Ernst, and Spangenberg. 2,768,747.
- Spangler, Earl G. Fluid purifying separators. 2,742,156, 4-17-56, Cl. 210-131.
- Spangler, Peter J.: See—
- Johnston, William, Jr. 2,743,893.
- Spanjer, David L., to The Elmcro Corp. Eccentric track adjustment. 2,774,638, 12-18-56, Cl. 305-9.
- Spannuth, Hiram T.: See—
- Edgar, Albert C., and Spannuth. 2,735,354.
- Spano, Levio: See—
- Munch, Werner, Notarbartolo, and Spano. 2,772,302.
- Spanos, John, to Raytheon Mfg. Co. Method of making transistors. 2,731,704, 1-24-56, Cl. 239-25.3.
- Spicer, Nathan, and Butts. 2,736,938, 3-6-56, Cl. 24-92.
- Sparkes, Harry P., J. G. Ayers, and J. G. Newman, to Copperwell Steel Co. Method of making a composite cylinder. 2,765,526, 10-9-56, Cl. 29-460.
- Sparkle Beverages, Inc.: See—
- Brendel, William H., and Schapiro. 2,752,137.
- Sparklin, Charles H., to Birtman Electric Co. Cutter mechanism for a vacuum cleaner. 2,733,000, 1-31-56, Cl. 230-132.
- Sparklin, Charles H., to Birtman Electric Co. Control apparatus for a motor operated mangle. 2,740,215, 4-3-56, Cl. 38-60.
- Sparklin, Charles H., to Birtman Electric Co. Shuttle drive mechanism for a sewing machine. 2,744,412, 5-8-56, Cl. 74-66.
- Sparkman, Billie C.: See—
- Hunt, Manley L., Jr., and Sparkman. 2,775,157.
- Sparkman, Dorothy J. Stickless, collapsible kite. 2,769,605, 11-6-56, Cl. 244-153.
- Sparks, Cleone A., to Forgedtrue Piston Corp. Process and apparatus for forging pistons or the like. 2,740,519, 4-3-56, Cl. 207-6.
- Sparks, George C. Combination box and cradle for decorated Easter eggs and the like. 2,744,622, 5-8-56, Cl. 206-45.14.
- Sparks, William J., R. G. Newberg, and F. P. Baldwin, to Esso Research and Engineering Co. Packaging tacky by diacarbon polymers in polyethylene film. 2,762,504, 9-11-56, Cl. 206-84.
- Sprangle, Ray C. Flowmeter. 2,770,131, 11-13-56, Cl. 2-231.
- Spar, Albert E., and K. J. Chichester, to Talon, Inc. Toggle switch. 2,757,252, 7-31-56, Cl. 200-67.
- Sparrow, Lloyd W., to The Springfield Leather Products Co. Multi-card holder. 2,763,311, 9-18-56, Cl. 150-39.
- Sparrow, Vernon W., to General Register Corp. Machines for printing and issuing postal orders and like forms. 2,743,669, 5-1-56, Cl. 101-93.
- Spase, Charles B.: See—
- Naumann, Lloyd, and Spase. 2,765,062.
- Spase, Charles B., to Lippe-Rollway Corp. Drive structure for automobile engine accessories. 2,746,587, 5-22-56, Cl. 192-104.
- Spase, Charles B., to Lippe-Rollway Corp. Fixed speed release clutch. 2,758,689, 8-14-56, Cl. 192-104.
- Spatta, George, to Clark Equipment Co. Vehicle drive means. 2,731,856, 1-24-56, Cl. 74-720.
- Spaulding, Carl P., to Consolidated Electrodynamics Corp. Galvanometers. 2,768,350, 10-23-56, Cl. 324-97.
- Spaulding, Charles A., Jr., and E. Schmidt, to The Refinite Corp. Table top water softener. 2,754,263, 7-10-56, Cl. 210-24.
- Spaulding, Hugh K.: See—
- Lawrence, Kenneth L., Croasdale, and Spaulding. 2,742,415.
- Spaulding, Spencer W., to Radio Corp. of America. Code converter circuit. 2,731,631, 1-17-56, Cl. 340-315.
- Spaulding, William R. Knife sharpener. 2,743,560, 5-1-56, Cl. 51-210.
- Spaulding, William R. Filter attachment for smoking pipes. 2,771,863, 11-27-56, Cl. 131-206.
- Speake, Charles C., and A. G. Griffin, Jr., dedicated to the free use of the People in the Territory of the United States. Method of moisture restoration to cotton. 2,747,234, 5-29-56, Cl. 19-66.
- Speakman Co.: See—
- Fraser, James. 2,734,712.
- Fraser, James. 2,747,604.
- Fraser, James. 2,749,183.
- Speakman, Raymond H.: See—
- Lipscomb, Robert, and Speakman. 2,740,986.
- Speak, Adrian G., Jr., to Ford Motor Co. Retractable rigid automobile top. 2,768,024, 10-23-56, Cl. 296-107.
- Speak, Adrian G., Jr., and J. A. Huggins, to Ford Motor Co. Retractable rigid automobile top. 2,768,025, 10-23-56, Cl. 296-117.
- Speak, Donald R., and W. F. Fowler, Jr., to Eastman Kodak Co. Tub sizing of paper. 2,748,029, 5-29-56, Cl. 117-155.
- Speak, Philip J.: See—
- Christopher, David H., and Speak. 2,743,548.
- Speak, Robert K., to Servel, Inc. Air conditioning. 2,761,656, 9-4-56, Cl. 257-9.
- Speak, Walter A., to Nu Tone, Inc. Magnetic damper holder. 2,739,521, 3-27-56, Cl. 98-116.
- Spears, Jess L., to The International Nickel Co., Inc. Machine elements for crushers. 2,771,358, 11-20-56, Cl. 75-128.
- Spears, Warren M., J. T. Eash, and A. P. Gagnebin, to The International Nickel Co., Inc. Addition agent and process for producing magnesium-containing cast iron. 2,762,705, 9-11-56, Cl. 75-130.
- Spearow, Ralph. Oil production method. 2,749,991, 6-12-56, Cl. 166-42.
- Spearow, Ralph. Oil production method. 2,754,911, 7-17-56, Cl. 166-39.
- Spearow, Ralph. Multiline horizon oil production method. 2,767,792, 10-23-56, Cl. 166-10.
- Spears, Esten W., to General Motors Corp. Deicing control. 2,744,992, 5-8-56, Cl. 219-20.
- Spears, Jess L., to G. M. Prescott. Platform truck. 2,738,201, 3-13-56, Cl. 280-33.99.
- Spears, Marvin A. Trailer booth. 2,767,013, 10-16-56, Cl. 296-21.
- Spears, Morton F. Means for controlling current flow in electric circuits. 2,744,981, 5-8-56, Cl. 200-113.
- Spears, Neilus A., Jr., to Westinghouse Electric Corp. Circuit interrupters. 2,734,970, 2-14-56, Cl. 200-147.
- Spears, Richard W.: See—
- Spears, Charles W., W. Spears, and Williams. 2,771,669.
- Spears, Verian W. Tool for installing mechanical connectors on high voltage lines. 2,768,548, 10-30-56, Cl. 81-53.
- Spears, William, to Revere Copper and Brass Inc. Strip handling apparatus. 2,767,933, 10-23-56, Cl. 242-79.
- Specht, Albert J. Fire extinguisher. 2,765,857, 10-9-56, Cl. 169-27.
- Specht, Edward H., A. Neuman, and H. T. Neher, to Rohm & Haas Co. Preparation of acrylamides. 2,773,063, 12-4-56, Cl. 260-247.2.
- Specht, Hugo, to Deutsche Bergin-Aktiengesellschaft. Process of hydrolyzing wood in preparing crystalline glucose. 2,752,270, 6-26-56, Cl. 127-37.
- Specht, Walter, and H. Schultheis. Ultrasonic irradiation in preparation of malt. 2,745,789, 5-15-56, Cl. 195-71.
- Special Screw Products Co. The: See—
- Douglass, James L. 2,775,471.
- Specialties Development Corp.: See—
- Anthony, Charles, Jr., and Thomann. 2,745,806.
- Anthony, Charles, Jr., and Thomann. 2,745,807.
- Anthony, Charles, Jr., and Thomann. 2,768,952.
- Breen, Robert H. 2,738,137.
- Fleming, William T. 2,738,159.
- Fleming, William T. 2,770,162.
- Grant, Harry C., Jr. 2,763,853.
- Hall, Cyril C. 2,731,874.
- Heizer, Edward J., and Axt. 2,748,797.
- Heizer, Edward J., and Wentz. 2,750,130.
- Heineid, Howard G. 2,753,944.
- Lowie, Robert G. 2,752,590.
- Mapes, Daniel. 2,751,677.
- Schroeder, Henry H., Jr. 2,744,580.
- Sills, Kenneth G. 2,743,079.
- Sylvester, Walter G. 2,773,602.
- Towle, Robert G., and Fleming. 2,738,033.
- Specialties, Inc.: See—
- Hottine, William. 2,764,034.
- Ward, John W., and Bruck. 2,765,703.
- Specialty Mfg. Co., The: See—
- Anderson, Arthur A. 2,763,901.
- Speck, Eric H., to Normalair Ltd. Non-return valves. 2,771,901, 11-27-56, Cl. 137-269.5.
- Speck, Kurt S., Hauser, and J. L. Hajos, to Jacques Kreisler Mfg. Corp. Watch bands. 2,747,779, 5-29-56, Cl. 224-4.
- Speck, Rhoads M., to Hercules Powder Co. Insecticidally active S-(polychlorotetrahydropranyl)-O,O-diethylthiophosphate. 2,766,172, 10-9-56, Cl. 167-33.



- Speck, Stanley B.: *See*—  
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Laucius, Joseph F., and Speck. 2,753,356.
- Speck, Stanley B., to E. I. du Pont de Nemours and Co. Synthetic linear polyamides containing intralinear siloxane groups and preparation. 2,754,284, 7-10-56, Cl. 260—46.5.
- Speck, Stanley B., to E. I. du Pont de Nemours and Co. Polyester fibers dyed with anthraquinone. 2,757,064, 7-31-56, Cl. 8—39.
- Speck, Willis A., to Westinghouse Electric Corp. Panelboards. 2,735,045, 2-14-56, Cl. 317—119.
- Speck, Willis A., to Westinghouse Electric Corp. Neutral bar assembly. 2,748,365, 5-29-56, Cl. 339—198.
- Speckman, Melvin L.: *See*—  
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- Specto Ltd.: *See*—  
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- Spector, Jerome J., to Universal Match Corp. Cigarette dispensing containers. 2,732,973, 1-31-56, Cl. 221—147.
- Spector, Myles S.: *See*—  
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- Spector, Samuel J. and M. S., to Insuline Corp. of America. Radio antenna. 2,765,151, 8-7-56, Cl. 174—138.
- Spectrocyclus Inc.: *See*—  
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- Spede Corp., The: *See*—  
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- Speed, Raymond A.: *See*—  
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- Speed, Raymond A., and R. B. Bennett, to Esso Research and Engineering Co. Seeding and filter aid technique for paraxylene production. 2,757,216, 7-31-56, Cl. 260—674.
- Speed, Raymond A., and R. B. Bennett, to Esso Research and Engineering Co. Wash technique for paraxylene process. 2,766,309, 10-9-56, Cl. 260—674.
- Speed, William C., and J. J. Dwyer, to Audio Devices, Inc. Machine for coating and drying tape. 2,741,217, 4-10-56, Cl. 117—7.
- Speed, William C., and J. J. Dwyer, to Audio Devices Inc. Production of magnetic sound tape. 2,743,189, 4-24-56, Cl. 117—7.
- Speed, William C., and J. J. Dwyer, to Audio Devices, Inc. Production of magnetic sound tape. 2,745,605, 5-15-56, Cl. 117—7.
- Speed, William C., and J. J. Dwyer, to Audio Devices, Inc. Production of magnetic sound tape. 2,748,015, 5-29-56, Cl. 117—7.
- Speed, William C., and J. J. Dwyer, to Audio Devices, Inc. Production of magnetic sound tape. 2,748,016, 5-29-56, Cl. 117—7.
- Speed, William C., and J. J. Dwyer, to Audio Devices, Inc. Production of magnetic sound tape. 2,751,313, 6-19-56, Cl. 117—66.
- Speed, William C., and J. J. Dwyer, to Audio Devices, Inc. Multiple winding spool for production of magnetic sound tape. 2,755,029, 7-17-56, Cl. 242—56.
- Speed, William C., and H. J. Southcomb, to Audio Devices, Inc. Production of magnetic sound tape. 2,757,099, 7-31-56, Cl. 117—7.
- Speed, William C., and J. J. Dwyer, to Audio Devices, Inc. Production of magnetic sound tape. 2,759,677, 8-21-56, Cl. 117—66.
- Speed, William C., and J. J. Dwyer, to Audio Devices, Inc. Apparatus for production of magnetic sound tape. 2,763,235, 9-18-56, Cl. 118—33.
- Speed, William C., and J. J. Dwyer, to Audio Devices, Inc. Tape supply device. 2,765,126, 10-2-56, Cl. 242—75.
- Speed, William C., and J. J. Dwyer, to Audio Devices, Inc. Production of magnetic sound tape. 2,766,950, 10-16-56, Cl. 242—76.
- Speed, William C., and J. J. Dwyer, to Audio Devices, Inc. Aligning means to be used in the production of magnetic sound recording tape. 2,775,450, 12-25-56, Cl. 271—2.6.
- Spee-Dee Checkout Systems, Inc.: *See*—  
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- Speed-Flex, Inc.: *See*—  
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Castner, George P. 2,756,580.  
Castner, George P. 2,757,065.
- Speed Queen Corp.: *See*—  
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Thiele, Berthold R. 2,763,147.  
Thiele, Berthold R. 2,766,601.  
Thiele, Berthold R. 2,766,504.  
Thiele, Berthold R. 2,766,902.
- Speed Stud Corp.: *See*—  
Johnson, Clyde F. 2,758,498.
- Speedy, Charles B., to Commonwealth Scientific and Industrial Research Organization. Vacuum tube gates and gating circuits. 2,732,516, 1-24-56, Cl. 315—13.
- Speckman, Bernardus W., to Hartford National Bank and Trust Co., trustee. Method of manufacturing coils. 2,751,318, 6-19-56, Cl. 154—80.
- Speer, Cleaver C.: *See*—  
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- Speer, George A.: *See*—  
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- Speer, Ivan E., to The Garrett Corp. Fuel control for turbine driven compressor unit. 2,768,985, 9-25-56, Cl. 60—39.07.
- Speer, William A. Roller for pulverizing mills. 2,765,123, 10-2-56, Cl. 241—129.
- Speeter, Merrill E., to Bristol Laboratories Inc. 2-(ortho-phenylbenzyl) imidazoline and acid addition salts. 2,744,909, 5-8-56, Cl. 260—309.6.
- Speeter, Merrill E., to Bristol Laboratories Inc. 2-(ortho-benzylbenzyl) imidazoline and acid addition salts. 2,744,909, 5-8-56, Cl. 260—309.6.
- Speeter, Merrill E., to Bristol Laboratories Inc. Derivatives of aralkylbenzoic acid. 2,759,933, 8-21-56, Cl. 260—247.2.
- Speeter, Merrill E., to Bristol Laboratories Inc. Dialkylaminoalkylamides. 2,759,934, 8-21-56, Cl. 260—247.2.
- Speeter, Merrill E., to Bristol Laboratories Inc. Substituted 3-phenyltoxindoles. 2,759,935, 8-21-56, Cl. 260—247.2.
- Speeter, Merrill E., to Bristol Laboratories Inc. Isoquinolone derivatives. 2,759,936, 8-21-56, Cl. 260—247.5.
- Speh, Herman A., to Burroughs Corp. Card controlled computer. 2,773,645, 12-11-56, Cl. 235—61.11.
- Speidel Corp.: *See*—  
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- Speidell, Lloyd L. Fishing apparatus. 2,758,407, 8-14-56, Cl. 43—19.2.
- Speiden, Edgar F.: *See*—  
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- Speier, John L., to Dow Corning Corp. Aminomethylsiloxanes. 2,738,357, 8-13-56, Cl. 260—448.2.
- Speier, John L., to Dow Corning Corp. Method of silylating organic compounds. 2,746,956, 5-22-56, Cl. 260—210.
- Speier, John L., Jr., to Dow Corning Corp. Organosiloxane amines. 2,746,957, 9-11-56, Cl. 260—448.2.
- Speiser, Maximilian R.: *See*—  
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- Speiss, C. F., and Sohn: *See*—  
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- Speiss, Mrs. Jessie: *See*—  
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- Spell, Thomas E.: *See*—  
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- Spellberg, Norman, to The Sherwin-Williams Co. Short oil sgrated alkyl and method. 2,749,320, 6-5-56, Cl. 260—22.
- Spellman, Paul J.: *See*—  
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- Spelman, Henry M., Jr.: *See*—  
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- Spelman, John G., Jr.: *See*—  
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- Spenard, Le Roy C.: *See*—  
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- Spenard, Le Roy C., to Holmes Electric Protective Co. Circuit makers and breakers. 2,760,018, 8-21-56, Cl. 200—19.
- Spencer, Harry R., to Diamond Alkali Co. Salt bath system and method for treating metals. 2,738,293, 3-13-56, Cl. 134—3.
- Spence, Harry R., to Diamond Alkali Co. Salt bath system and method for treating metals. 2,738,294, 3-13-56, Cl. 134—42.
- Spence, Henry U., to Upson Machine Products, Inc. Fish lure. 2,768,463, 10-30-56, Cl. 43—36.
- Spence, John T. D.: *See*—  
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- Spence, Paulsen. Adjustable lever valve. 2,736,212, 2-28-56, Cl. 134—523.
- Spence, Robert, and R. J. W. Streeton. Fluid contactor apparatus. 2,742,348, 4-17-56, Cl. 23—270.5.
- Spence, Thomas C.: *See*—  
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- Spencer, Allan T., Jr. Windshield wiper. 2,738,536, 3-20-56, Cl. 35—255.
- Spencer, Alvin C. Printing ink holder and dispenser, including a cylindrical container and piston. 2,745,575, 5-15-56, Cl. 222—327.
- Spencer, Barnard, Jr., and L. G. Brinson. Cutting attachment for tractors. 2,763,977, 9-25-56, Cl. 56—25.4.
- Spencer, Charles: *See*—  
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- Spencer Chemical Co.: *See*—  
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- Dowty, Lee B. 2,743,077.
- Spencer, Frederick W., and Spencer. 2,766,257.
- Spencer, Dennis L.: *See*—  
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- Spencer, Dennis L., to The Sperry Gyroscope Co., Ltd. Hydraulic control apparatus. 2,741,263, 4-10-56, Cl. 137—505.14.
- Spencer, Dennis L., to The Sperry Gyroscope Co., Ltd. Pressure-regulating valves for hydraulic systems. 2,756,771, 7-31-56, Cl. 137—494.
- Spencer, Dudley W. C., to E. I. du Pont de Nemours and Co. Rotating perforating apparatus. 2,760,576, 8-28-56, Cl. 164—99.
- Spencer, E. Fred. Telescoping derrick with locking device. 2,762,471, 9-11-56, Cl. 189—14.
- Spencer, Frank C. Medical instrument. 2,729,210, 1-3-56, Cl. 128—2.
- Spencer, George A., to The Firestone Tire & Rubber Co. Rubber foam mixers. 2,731,253, 1-17-56, Cl. 261—118.
- Spencer, Gerald V.: *See*—  
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- Spencer, Guy E.: *See*—  
Bennett, Rufus B., and Spencer. 2,760,640.
- Spencer, Herbert R., to The Erie Enameling Co. Wall structure. 2,736,399, 2-28-56, Cl. 189—34.

- Spencer, Herman J., to International Staple and Machine Co. Magazine and staple feed means for stapling machines. 2,746,045, 6-22-56, Cl. 1-49.
- Spencer, Herman J., Fastener applying device. 2,749,547, 6-12-56, Cl. 1-3.
- Spencer, Herman J., Means for loading fasteners in stapling devices. 2,755,473, 7-24-56, Cl. 1-49.
- Spencer, Herman J., Fastener applying device. 2,755,474, 7-24-56, Cl. 1-49.
- Spencer, Hugh, to Olin Mathieson Chemical Corp. Production of organic chlorides by reaction of organic compound with ammonium chloride. 2,755,311, 7-17-56, Cl. 260-652.
- Spencer, James A., to British Insulated Callender's Cables Ltd. Arrangements for carrying out continuous processes on long rigid cables. 2,770,867, 11-20-56, Cl. 29-33.
- Spencer, Lloyd, 33½% to T. C. Bannon, and 33½% to J. D. Chesnut. Cables and apparatus for cable suspended well tools. 2,748,660, 6-5-56, Cl. 89-1.
- Spencer, Lloyd, 33½% to T. C. Bannon, and 33½% to J. D. Chesnut. Godevil for cable suspended well tools. 2,748,874, 6-5-56, Cl. 166-243.
- Spencer, Lorn L., Sr. Liquid level gauge. 2,744,411, 5-8-56, Cl. 73-317.
- Spencer, Nye S., A. G. McNish, and H. F. Gingerich, to the United States of America as represented by the Secretary of the Navy. Compass illuminating assembly. 2,735,412, 6-13-56, Cl. 242-2-1.
- Spencer, Nye S., A. G. McNish, and H. F. Gingerich, to the United States of America as represented by the Secretary of the Navy. Ship's magnetic compass. 2,738,591, 6-20-56, Cl. 33-225.
- Spencer, Percy L., to Raytheon Mfg. Co. Machines for evacuating electron discharge devices and the like. 2,730,280 1-10-56, Cl. 226-20.4.
- Spencer, Phillip W., See—
- Jordan, Woodrow W., and Spencer. 2,735,190.
- Spencer, Richard O., to General Electric Co. Steam flation. 2,750,694, 6-19-56, Cl. 38-77.
- Spencer, Robert I., and C. H. Jandt. Electric plug-in receptacle having a plurality of outlets for attachment plugs. 2,761,113, 8-23-56, Cl. 3340-159.
- Spencer, Rolf B., to Electric & Musical Industries Ltd. Apparatus for generating and reproducing electrical signals. 2,737,730, 8-13-56, Cl. 35-10.4.
- Spencer, William H., See—
- Mordarski, Walter J., and Spencer. 2,743,892.
- Mordarski, Walter J., and Spencer. 2,762,600.
- Spender, Donald L., to Scovill Mfg. Co. Oscillating sprinkler. 2,769,665, 11-6-56, Cl. 299-67.
- Spender, Donald L., to Scovill Mfg. Co. Impulse operated sprinkler. 2,769,666, 11-6-56, Cl. 299-69.
- Spender, Donald L., to Scovill Mfg. Co. Reaction type sprinklers. 2,769,667, 11-6-56, Cl. 299-69.
- Spengler, Herbert, See—
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- Spengler, Philip C., See—
- Callow, Robert K., Spensley, and Cornforth. 2,734,898.
- Sperandio, Glen J., and J. B. Ward, to Purdue Research Foundation. Ointment base. 2,742,396, 4-17-56, Cl. 167-63.
- Sperber, Edward J., to Radio Corp. of America. Tuning control mechanism. 2,756,599, 7-31-56, Cl. 74-10.5.
- Sperber, Nathan, F. J. Villani, and D. Papa, to Schering Corp. Substituted piperidines. 2,739,968, 3-27-56, Cl. 260-293.
- Sperber, Nathan, and D. Papa, to Schering Corp. Substituted alkyl piperidines. 2,739,969, 3-27-56, Cl. 260-293.
- Sperlich, Herman A., to Ironrite, Inc. Release mechanism. 2,729,903, 1-10-56, Cl. 38-59.
- Sperling, Gustav. Electrically operated leak detector. 2,749,536, 6-5-56, Cl. 340-242.
- Sperry, Albert F., to Panellit, Inc. Fluid operated alarm system. 2,754,788, 7-17-56, Cl. 114-4.
- Sperry, Albert F., to Panellit, Inc. Alarm system and signaling apparatus therefor. 2,754,793, 7-17-56, Cl. 116-4.
- Sperry Corp., The See—
- McKenney, Henry F., and Rowley. 2,734,157.
- Schroeder, George F., and Matero. 2,738,433.
- Sperry Gyroscope Co., Ltd. The See—
- Glenny, Arthur P., and Spencer. 2,742,878.
- Sedgfield, Hugh B. 2,762,993.
- Sedgfield, Hugh B. 2,762,993.
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- Sperry, Pierce. Water powered washing machine. 2,735,286, 2-21-56, Cl. 68-151.
- Sperry, Pierce, to The Spede Corp. Door check. 2,737,408, 3-6-56, Cl. 292-342.
- Sperry Products, Inc. See—
- Cowan, John V. 2,751,479.
- Van Valkenburg, Howard E., and Cook. 2,740,289.
- Van Valkenburg, Howard E., and Sansom. 2,736,193.
- Sperry Rand Corp., See—
- Andersen, Magnus S. 2,750,925.
- Andersen, Niels Y. 2,729,531.
- Aumuller, Edward F., Dwight, and Kirchhoff. 2,751,056.
- Barkalow, Clare E. 2,752,789.
- Barnaby, Roland E. 2,737,640.
- Barnaby, Roland E., and Morrow. 2,753,173.
- Baxter, Frederic L., Jr. 2,742,983.
- Berkowitz, Bernard. 2,736,896.
- Sperry Rand Corp., See—Continued
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- Braddon, Frederick D., and West. 2,742,637.
- Braun, Karl J. 2,756,824.
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- Carter, Leslie F. 2,735,191.
- Carter, Leslie F. 2,739,390.
- Cetrone, Vincent C. 2,753,451.
- Cetrone, Vincent C. 2,768,331.
- Chubb, Charles F. 2,767,363.
- Cohen, Sidney B., and Bentkowsky. 2,745,908.
- Cohn, Seymour B. 2,750,184.
- Cohn, Seymour B. 2,742,612.
- Cohn, Seymour B. 2,744,242.
- Cray, Seymour R. 2,741,758.
- Crossman, Loring P. 2,750,184.
- Crowther, George A. 2,762,058.
- Daniels, Howard L. 2,749,533.
- Daniels, Howard L., and Hogan. 2,730,698.
- Daniels, Howard L., and Rubens. 2,743,320.
- Downs, John W. 2,762,593.
- Dreher, Elmer H., and Mixer. 2,755,860.
- Durbin, Edward. 2,768,373.
- Durbin, Edward. 2,769,976.
- Early, Thomas A., Jr., and Ritter. 2,734,279.
- Eberly, Harry C. 2,762,517.
- Eby, Richard R., and Tarbox. 2,757,600.
- Eckert, John P., Jr., and Weiner. 2,748,270.
- Ettenberg, Morris. 2,753,481.
- Frank, Robert L. 2,766,450.
- Frantz, Wilbert P. 2,762,549.
- Gordon, Bernard M. 2,768,292.
- Gunn, Donald A. 2,737,184.
- Gunn, Donald A., and Wolters. 2,732,843.
- Gunn, Donald A., and Wolters. 2,759,479.
- Hammond, Edmund B., Jr. 2,734,278.
- Hammond, Edmund B., Jr. 2,740,962.
- Hammond, Edmund B., Jr. 2,756,598.
- Happe, Melvin J., and Nolt. 2,774,246.
- Heiler, Elmer, and Keyes and Howard. 2,771,595.
- Henning, Rudolf E. 2,762,972.
- Heybourne, Victor C. 2,742,043.
- Hollyday, James H., and Nolt. 2,750,811.
- Jahn, Dale M. 2,729,812.
- Kase, Otto E. 2,751,983.
- Kase, Otto E. 2,764,241.
- Kase, Otto E., and Rice. 2,764,410.
- Kenny, Charles E. 2,729,745.
- Kenyon, David E. 2,762,517.
- Landerer, Hugo. 2,757,768.
- Landsiedel, Walter W. 2,733,859.
- Levitt, Semond. 2,749,484.
- Lipkin, Daniel M. 2,748,296.
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- Lundstrom, Oscar C. 2,757,341.
- Lyman, Joseph, Caldwell, Maeder, Haxby, and Tawney. 2,733,437.
- Mannheimer, David. 2,755,383.
- Marion, John F. 2,763,460.
- May, Joseph E. 2,747,718.
- McDonnell, James A. 2,769,603.
- McKenney, Henry F., and Lieske. 2,752,091.
- Miles, James G. 2,731,203.
- Miller, Harry. 2,770,952.
- Miller, Harry, and Love. 2,729,780.
- Mixer, Harold P. 2,764,345.
- Modiano, Victor J. 2,772,359.
- Muchmore, Robert B. 2,743,422.
- Nelson, Arthur, and Schowlow. 2,743,055.
- Newell, William H. 2,748,485.
- Newell, William H. 2,763,988.
- Newell, William H., and Brown. 2,766,587.
- Nolan, William W., and Garwood. 2,741,922.
- Nolt, Edwin B. 2,750,877.
- Nolt, Edwin B. 2,757,602.
- Nolt, Edwin B. 2,759,323.
- Nolt, Edwin B. 2,772,628.
- Nolt, Edwin B., and Tarbox. 2,757,599.
- Nolt, Edwin B., and Tarbox. 2,764,931.
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- Phelps, Richard J. 2,740,106.
- Reedy, Eugene F. 2,732,550.
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- Rowley, Lothar H., and Rauth. 2,767,372.
- Samuel, Arthur L. 2,758,242.
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- Schroeder, Frederick W. 2,737,279.
- Schultz, Oscar T., Scott, and Wing. 2,762,123.
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- Sferrazza, Peter J. 2,745,060.
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- Silver, Edward A. 2,740,185.
- Sims, John C., Jr. 2,763,204.
- Skrumme, Lawrence H., and Happe. 2,750,729.
- Slater, John M. 2,740,961.
- Smith, P. Gene, and Brockner. 2,759,154.
- Steagall, William F. 2,729,754.
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- Sterling, Robert W. 2,750,531.
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- Sperry Rand Corp.: *See*—Continued  
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 Spertzel, Peter J., to Spertzel Co. Toilet seat and cover therefor. 2,744,264, 8-5-56, Cl. 4—234.  
 Spertzel, Robert H., to The Whitney Blake Co. Plug and socket connector. 2,730,685, 1-10-56, Cl. 839—62.  
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 Spiess, Newton E., Jr., and M. J. Zenk, Jr., to National Dairy Research Laboratories, Inc. Ion exchange method and apparatus for continuous interaction of liquids and solids. 2,744,066, 5-1-56, Cl. 210—24.  
 Spiess, Newton E., Jr., and H. L. Henze, to National Dairy Research Laboratories, Inc. Valve for pressurized containers. 2,761,593, 9-4-56, Cl. 222—394.  
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- Sprague, James M., and E. L. Engelhardt, to Merck & Co. Inc. Sulfonic acid esters of 2-dialkylamine ethanolols. 2,775,608, 12-25-56, Cl. 260-456.
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- Sprague, Wendell. Jr. Tire low pressure alarms. 2,729,712, 1-3-56, Cl. 200-61.25.
- Sprankle, Cortes N., to Plax Corp. Ceiling construction. 2,772,742, 12-4-56, Cl. 169-1.
- Spranger, Louis, to Bridgeport Fabrics, Inc. Weatherseal and means for mounting the same. 2,762,090, 9-11-56, Cl. 20-69.
- Spranger, Louis, to Bridgeport Fabrics, Inc. Weatherseal and mounting means therefor and method of making same. 2,767,444, 10-23-56, Cl. 20-69.
- Spratt, George G. Oil burning apparatus. 2,729,284, 1-3-56, Cl. 158-61.
- Sprauer, Jerome W., and T. V. Williams, to E. I. du Pont de Nemours & Co. Regeneration of degraded alkylanthraquinone solutions for the production of hydrogen peroxide. 2,739,875, 3-27-56, Cl. 23-207.
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- Spreiregen, Jacques. One-piece caps. 2,736,035, 2-28-56, Cl. 2-195.
- Spreng, Warren M., to The F. E. Myers & Bro. Co. Vane regulator for field crop sprayer. 2,736,605, 2-28-56, Cl. 299-9.
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- Sprigg, Edward A., to Breeze Corp., Inc. Bi-metal contact springs. 2,740,942, 4-3-56, Cl. 339-30.
- Sprigg, Edward A., to Breeze Corporations, Inc. Electrical plug and socket connector having contacts carried by resilient insulation. 2,753,534, 7-3-56, Cl. 339-59.
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- Sprigman, Arthur. Foldable chairs. 2,756,806, 7-31-56, Cl. 155-148.
- Spring, Carl E., to Leitner Equipment Co. Cabinet and sliding doors therefor. 2,753,236, 7-3-56, Cl. 312-295.
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- Springer, Amos D. Straddle tool. 2,738,012, 3-13-56, Cl. 166-146.
- Springer, Frederick H. Screw type pump. 2,744,465, 5-8-56, Cl. 103-87.
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- Odell, Ernest W. 2,737,351.
- Springs, Inc.: *See*—  
 Gauci, Joseph. 2,770,262.
- Spring, Robert H., to Toledo Die & Mfg. Co. Product disposal for machine tools. 2,735,317, 2-21-56, Cl. 78-96.
- Sprinkaz, Yafr. Process for benzylating certain aromatic amines. 2,764,581, 9-25-56, Cl. 260-296.
- Sprinking, William. Injection valve for rotary type internal combustion engine. 2,766,737, 10-16-56, Cl. 123-13.
- Spronz, Francis V.: *See*—  
 Oliver, Joseph L. 2,757,327.
- Sproston, Edmund. Broom and scraper. 2,742,658, 4-24-56, Cl. 20-69.
- Sprosty, Clarence F., to Clevite Corp. Magnetic erase heads. 2,747,024, 5-22-56, Cl. 179-100.2.
- Sprout, Philip T.: *See*—  
 Buzzer, John P., Marshall, and Sprout. 2,767,260.
- Wallace, Lewis C., Sprout, and Kenaga. 2,739,086.
- Sprouse, Lowell E., to Vernco Corp. Blower wheel. 2,771,241, 11-20-56, Cl. 230-134.
- Sprout, Waldron & Co.: *See*—  
 Fisher, Chester D. 2,731,248.  
 Fisher, Chester D. 2,764,951.
- Sprout, Waldron & Co., Inc.: *See*—  
 Fisher, Chester D. 2,732,137.
- Spruance, Frank P., Jr.: *See*—  
 Heller, Ferdinand P., and Spruance. 2,762,731.
- Sprung, Abraham. Combination flame spreader and receptacle holder. 2,760,481, 8-28-56, Cl. 126-215.
- Sprung, Joseph A., to General Aniline & Film Corp. Multi-layer color film for integral masking. 2,733,143, 1-31-56, Cl. 95-2.
- Sprung, Joseph A., to General Aniline & Film Corp. Method and compounds for discharging filter dyes in photographic film. 2,752,244, 6-26-56, Cl. 95-2.



- Sprung, Joseph A., and W. A. Schmidt, to General Aniline & Film Corp. Production of subtractively colored photographic material. 2,772,971, 12-1-56, Cl. 96—22.
- Sprung, Murray M., to General Electric Co. Suspensions of polymeric chlorotrifluoroethylene. 2,732,357, 1-24-56, Cl. 260—30.4.
- Spurgeon, Samuel J. Bearing mounting and seals for idler rolls and the like. 2,757,052, 7-31-56, Cl. 308—187.1.
- Spurlin, William V., to Syntroon Co. Vacuum cleaner. 2,748,078, 5-22-56, Cl. 15—34.
- Spurlin, William V., to Syntroon Co. Hydraulic fluid actuated helical feeders. 2,758,704, 8-14-56, Cl. 198—220.
- Spurlin, William V., to Syntroon Co. In and out spiral trough parts cleaner. 2,760,504, 8-28-56, Cl. 134—132.
- Spurlock, Pascal, and W. C. Brown, to The National Cash Register Co. Record media feeding apparatus. 2,734,743, 2-14-56, Cl. 271—3.
- Spurlock, Harold N.: *See—*
- Bigelow, Maurice H., and Spurlock. 2,729,616.
- Spurrer, William A., and R. K. Regler. Balanced-force rotary-cutting mechanism. 2,769,494, 11-6-56, Cl. 164—61.
- Square D Co.: *See—*
- Frederick, Clarence W. 2,761,716.
- Goudy, Paul R., and Gribble. 2,759,054.
- Gribble, Joseph J. 2,775,661.
- Huehnel, Alvin L. 2,753,343.
- Jackson, John G. and Kingdon. 2,767,354.
- Kingdon, Ralph H. 2,767,353.
- Mekelburg, Earl F. 2,741,685.
- Mekelburg, Earl F. 2,741,753.
- Mekelburg, Earl F. 2,747,046.
- Mekelburg, Earl F. and Sohns. 2,774,378.
- Myles, Asa H., and Rathbun. 2,766,416.
- Pettit, Dorn L. 2,759,074.
- Pettit, Dorn L. 2,769,940.
- Pettit, Dorn L. 2,775,728.
- Schaefer, Carl A. 2,747,043.
- Schaefer, Carl A., and Zeller. 2,741,678.
- Schurr, Charles A. 2,766,415.
- Simkins, Leon L. 2,759,162.
- Zeller, Josef J. 2,758,480.
- Squier Corp., The: *See—*
- Hehrer, Nicolas A. 2,745,336.
- Squier, John P. Pens. 2,752,220, 6-26-56, Cl. 346—140.
- 12-18-56, Cl. 29—148.4.
- Squire, John R., to Federal-Mogul-Bower Bearings, Inc. Method of making roller bearing roller retainers. 2,774,132.
- Squire, Robert K., to Superior Scaffold Co. Featheredge. 2,733,377, 12-1-56, Cl. 72—136.
- Squires, Frank T.: *See—*
- Starneki, Jerzy, and Squires. 2,738,384.
- Squires, Judson G. Plastic mullions. 2,758,342, 8-14-56, Cl. 20—40.
- Squire, William K., to Sylvania Electric Products Inc. Television intercarrier-sound detector. 2,741,660, 4-10-56, Cl. 178—5.8.
- Srader, Steven L. Utility carrier. 2,730,320, 1-10-56, Cl. 248—16.
- Sramek, Elmer D.: *See—*
- Engleson, Harry E., and Sramek. 2,746,593.
- Engleson, Harry E., and Sramek. 2,746,594.
- Staa, Tore, to Svenska Aktiebolaget Bromsregulator. Automatic brake conditioning mechanism in vehicles for liquid load. 2,739,016, 3-20-56, Cl. 303—22.
- Stadler, Louis E., to General Electric Co. Switch. 2,752,463, 6-26-56, Cl. 200—168.
- Staats, Henry N.: *See—*
- De Forest, Taber, and Staats. 2,761,997.
- Staats, Henry N. Curtain-type closure. 2,775,354, 12-25-56, Cl. 214—21.
- Staatsbellen der Posterijen Telegraaf en Telefonie: *See—*
- Van Delft, Christiaan J. 2,750,548.
- Staben, Carlton L., to Modern-Woodmanse Mfg. Co. Valves for frostproof yard hydrant. 2,730,326, 1-10-56, Cl. 251—358.
- Stabenau, Robert: *See—*
- Wüsteney, Herbert, Bauder, and Stabenau. 2,772,878.
- Stacey, Ernest W.: *See—*
- Hannable, Daniel W., and Stacey. 2,730,735.
- Perron, Robert R., and Stacey. 2,765,482.
- Quinn, Edward, Senfelen, and Stacey. 2,759,204.
- Stacey, Ernest W., and W. E. Naugler, to United Shoe Machinery Corp. Machines for operating on shoe bottoms or the like. 2,733,588, 2-7-56, Cl. 69—6.5.
- Stacey, Helen M.: *See—*
- Hannable, Daniel W., and Stacey. 2,731,735.
- Perron, Robert R., and Stacey. 2,765,482.
- Quinn, Edward, Senfelen, and Stacey. 2,759,204.
- Stacey, Maurice, and F. G. E. Pautard., to Dextran Ltd. Process for degrading dextran in the presence of a reducing agent. 2,765,244, 10-2-56, Cl. 127—36.
- Stach, Benedict. Seed sowing machine. 2,761,589, 9-4-56, Cl. 222—17.
- Stachel, John: *See—*
- Warner, Alden Y., Craven, Stachel, and Boesel. 2,754,560.
- Stachura, Edward J. Communication system. 2,731,600, 1-17-56, Cl. 332—21.
- Stachura, Edward J. Direct coupled amplifier. 2,768,250, 10-23-56, Cl. 179—171.
- Stack, Alex.: *See—*
- Peterson, William R., Krupp, and Stack. 2,764,354.
- Stack, Elmer S., deceased, by E. D. Stack, administratrix. Water heater. 2,741,227, 4-10-56, Cl. 122—19.
- Stack, Eva D.: *See—*
- Stack, Elmer S. 2,741,227.
- Stack, Henry E.: *See—*
- Moore, Edward B., Peterson, and stack. 2,743,740.
- Stack, Mary E. Improved bedpan. 2,730,725, 1-17-56, Cl. 4—112.
- Stack, Sydney S., to General Electric Co. Thermistor assembly. 2,774,854, 12-18-56, Cl. 201—63.
- Stack, Theodor T., to Crane Packing Co. Shaft seal. 2,745,687, 5-15-56, Cl. 286—30.
- Stack, Vernon T., to Wilkes Hosiery Mills Co. Automatic stitch length control mechanism for knitting machines. Re. 24,239, 11-20-56, Cl. 66—55.
- Stackbin Corp.: *See—*
- Shaw, Richard A. 2,758,869.
- Shaw, Richard A. 2,760,743.
- Stackhouse, Asa M.: *See—*
- Rice, Warren A. 2,754,926.
- Stackhouse, James L.: *See—*
- West, James R., and Stackhouse. 2,735,248.
- Stackhouse, Robert A.: *See—*
- Budd, Wilbert H., Stackhouse, and Slough. 2,740,026.
- Budd, Wilbert H., Stackhouse, and Slough. 2,740,027.
- Stackhouse, Roy D.: *See—*
- Cooper, John D., and Stackhouse. 2,746,098.
- Stacklin, Frank E.: *See—*
- Osowski, Baltazar J. 2,732,486.
- Stackpole Carbon Co.: *See—*
- Diehl, John E. 2,743,386.
- Hathorn, Clarence J. 2,754,486.
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- Hathorn, Rasmussen, and E. M. K. 2,770,700.
- Shobert, Erle I., II, and Krellner. 2,739,255.
- Smisko, Paul. 2,739,912.
- Stadel, Fred, and P. Staedeli. Butter applicators. 2,740,195, 4-3-56, Cl. 30—115.
- Stadelmann, Raymond E. Pocket filter. 2,754,001, 7-10-56, Cl. 210—149.
- Stadler, Albert, to Eclipse Fuel Engineering Co. Venturi type proportional mixer with means for adjusting the effective cross sectional areas of the adjacent small extremities of the outwardly flared exhaust and inwardly tapered intake passages thereof. 2,751,974, 6-26-56, Cl. 158—118.
- Stadnyk, Michael. Cigarette carton. 2,729,326, 1-3-56, Cl. 206—44.12.
- Sta-Dri Inc.: *See—*
- Hormate, Abraham I. 2,757,159.
- Stadon, Clarence B., to Westinghouse Electric Corp. Automatic timing system. 2,735,006, 2-14-56, Cl. 250—27.
- Stadum, Clarence B., E. C. Hartwig, and H. W. Van Ness, to Westinghouse Electric Corp. Electric discharge apparatus. 2,735,037, 2-14-56, Cl. 315—140.
- Staebler, Lloyd A., and R. G. Kurtz, to Philco Corp. Refrigerator having an adjustable evaporator construction. 2,748,573, 6-5-56, Cl. 62—89.
- Staedel, Paul: *See—*
- Stadeli, Fred, and Staedeli. 2,740,195.
- Staeger, Stephen A., and J. H. Pearson, to The Black-Clawson Co. Paper machinery. Re. 24,185, 7-24-56, Cl. 92—27.
- Staeble, Henry C.: *See—*
- Griggs, William H., and Staehle. 2,756,150.
- Staehle, Henry C., to Eastman Kodak Co. Method of applying a protective coating over a photographic print. 2,751,315, 6-19-56, Cl. 117—76.
- Staehle, Henry C., to Eastman Kodak Co. Method of making waterproof paper. 2,763,572, 9-18-56, Cl. 117—64.
- Staebale, Max, to Ciba Ltd. New anthraquinone vat dyestuffs. 2,749,341, 6-5-56, Cl. 260—247.1.
- Staebale, Max, to Ciba Ltd. Intermediate products and vat dyestuffs and process of making same. 2,763,663, 9-18-56, Cl. 200—320.2.
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- Beeton, Earl E., and Stafford. 2,767,319.
- Stafford, Chester F.: *See—*
- Hughson, J. Donald, and Stafford. 2,761,961.
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- Stafford, Jerome W., and K. M. Frierson, to Loew's Inc. Comparator device. 2,774,056, 12-11-56, Cl. 340—149.
- Stafford, Linn T.: *See—*
- Coggeshall, Almy D., and Stafford. 2,747,118.
- Stafford, Neil S., and G. A. Worley, to Food Machinery and Chemical Corp. Apparatus for filling powdered or granular materials into bags. 2,770,439, 11-13-56, Cl. 249—60.
- Stafford, Rogers T.: *See—*
- Watson, John R., and Stafford. 2,773,305.
- Stafford, Warren C. Tractor hitch. 2,757,591, 8-7-56, Cl. 97—45.9.
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- Staggars, William F. Automatic hitch. 2,773,566, 12-11-56, Cl. 188—65.1.
- Staggis, Joseph N.: *See—*
- Northcutt, Roy C., and Staggis. 2,770,081.
- Stagmeier, Arthur F., to General Foods Corp. Dispensing container. 2,763,409, 9-18-56, Cl. 222—541.
- Stahag Steel & Hard Metal Import Trading Co.: *See—*
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- Stahl, Alfred R., to General Electric Co. Liquid dispensing device for cyclically operating applicators. 2,764,958, 10-2-56, Cl. 118-243.
- Stahl, Florence L., Estate of: See—
- Loomis, Glenn L. 2,731,827.
- Stahl, Frederick L. Automobile cover. 2,757,678, 8-7-56, Cl. 135-8.
- Stahl, Frieda A.: See—
- Kothlein, Bernard J., and Stahl. 2,773,925.
- Stahl, John: See—
- Loomis, Glenn L. 2,731,827.
- Stahl, Maurice D., to The Hoover Co. Combination dusting brush. 2,747,217, 6-29-56, Cl. 15-374.
- Stahl, Michael. Nut cracking machine having rotary cracking wheels. 2,762,410, 9-11-56, Cl. 146-10.
- Stahl, Milton F. Selective two-speed hand tool. 2,761,341, 9-4-56, Cl. 81-73.
- Stahl, Oscar C. Method of making a multi-layer braid-reinforced hose. 2,763,316, 9-18-56, Cl. 154-8.
- Stahl, Raymond T., to Swift & Co. Cheese scissors for Italian cheeses. 2,729,890, 1-10-56, Cl. 31-5.
- Stahl, Raymond T., to Swift & Co. Provolone and cacciavallone cheese manufacture. 2,746,947, 5-22-56, Cl. 31-89.
- Stahl, Robert A.: See—
- Mahan, John E., and Stahl. 2,769,690.
- Stahl, Robert J.: See—
- Sleeper, George E. Jr., and Stahl. 2,747,013.
- Sleeper, George E. Jr., Stahl, and Wolcott. 2,739,181.
- Stahl, Robert J., to Color Television Inc. Color television camera saturation control circuit. 2,757,230, 7-31-56, Cl. 123-54.
- Stahl, Robert J., and N. L. Heikes, to Color Television Inc. Color television synchronizing apparatus. 2,748,188, 5-29-56, Cl. 178-54.
- Stahl, William F.: See—
- Collins, Fred V. 2,741,296.
- Stahl, William F., to The United States of America as represented by the Secretary of the Navy. Magnetic fluid clutch. 2,748,911, 6-5-56, Cl. 192-21.5.
- Stahl, William F. Laminated tube structure. 2,755,821, 7-24-56, Cl. 123-204.
- Stahl, William F. Method of forming and preparing tubular coil supports. 2,756,003, 7-24-56, Cl. 242-1.
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- Stahl, William H., to The Bristol Co. Reverse-flow integrating apparatus. 2,742,057, 7-10-56, Cl. 235-61.
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- Stahlkötter, G. m. b. H.: See—
- Grünbaum, Heinrich. 2,760,379.
- Stahly, Preston G., to Ross O. S. Shook. Elastic tongue insert for knee guard or brace. 2,764,051, 5-22-56, Cl. 1-22.
- Stahmer, Bernhard. Traller safety device. 2,746,570, 5-22-56, Cl. 188-4.
- Stahmer, Bernhard. Rotating feed chute slicer. 2,767,752, 10-23-56, Cl. 146-78.
- Stahmer, Bernhard. Bag content dispenser. 2,769,577, 11-6-56, Cl. 222-100.
- Stahmer, Bernhard. Sliced potato product. 2,769,714, 11-6-56, Cl. 99-100.
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- Stahovich, Lou: See—
- Fleming, Robert B. 2,755,548.
- Staih, John H., and J. Stewart, to Esso Research and Engineering Co. Preparation of alicyclic glycols. 2,738,370, 3-13-56, Cl. 260-617.
- Staih, Ludwig A. Jr., to American Machine & Foundry Co. Tobacco treatment. 2,739,600, 3-27-56, Cl. 131-142.
- Staiger, Kurt: See—
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- Park, Ralph S., and Stair. 2,746,912.
- Stakofsky, Charles. Dual compartment handbag. 2,730,152, 1-10-56, Cl. 150-28.
- Stalder, William L., and G. H. Dale, to Phillips Petroleum Co. Separation of mixed heterocyclic nitrogen compounds. 2,772,269, 11-27-56, Cl. 260-283.
- Stalego, Charles J., to Owens-Corning Fiberglas Corp. Method and apparatus for forming fibers. 2,754,541, 7-17-56, Cl. 18-2.5.
- Staley, A. E., Mfg. Co.: See—
- Langlois, David P., and Larson. 2,746,889.
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- Staley Elevator Co., Inc.: See—
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- Staley, Saunders S.: See—
- Graham, Arthur H., and Staley. 2,740,549.
- Staley, William F. Control for off-the-road vehicles. 2,774,835, 12-18-56, Cl. 200-61.47.
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- Stalker, Edward A. 2,749,028.
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- Stalker, Edward A. 2,772,853.
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- Stalker, Edward A. Rotary hydraulic torque converter employing boundary layer control. 2,736,171, 2-28-56, Cl. 60-64.
- Stalker, Edward A. Compressors. 2,749,025, 6-5-56, Cl. 230-122.
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- Stalling, Otto A. Flow attachment for soft cream freezers. 2,740,262, 4-3-56, Cl. 62-2.
- Staller, Karel J., and E. F. Svec, to Flexigrip Inc. Slider for slide fasteners. 2,736,079, 2-28-56, Cl. 24-201.
- Staller, Karel J., and E. F. Svec. Slide fastener. 2,772,469, 12-4-56, Cl. 24-201.
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- Stalling, Hubert G., to The Babcock & Wilcox Co. Vapor generating installation, including a cyclone furnace. 2,730,080, 1-10-56, Cl. 122-235.
- Stallmann, Otto: See—
- Baillon, Walter J., and Stallmann. 2,755,200.
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- Stallmann, Otto, to E. I. du Pont de Nemours and Co. Alkylaryl diisocyanates with reduced activity. 2,729,666, 1-3-56, Cl. 260-453.
- Stallmann, Otto, to E. I. du Pont de Nemours and Co. Process of converting a polyamino-triarylmethane dye coating on a base from a stabilized leuco form to a colored form. 2,753,203, 7-17-56, Cl. 117-37.
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- Foster, Samuel P., and Stamatoff. 2,751,407.
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- Stambaugh, Clyde, to G. Miller. Clean-easy drain trap. 2,742,101, 4-17-56, Cl. 182-7.
- Stambaugh, Edgel P., to National Lead Co. Decolorizing titanium tetrachloride. 2,754,255, 7-10-56, Cl. 202-57.
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- Stamberg, Olof E.: See—
- Stimson, Edward J., and Stamberg. 2,749,242.
- Stamford Machine Co., Inc.: See—
- Burbank, John E. 2,750,148.
- Stamford Tool & Die Corp.: See—
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- Stamford Tool Co., The: See—
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- De Jong, Geert J. 2,768,990.
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- Fontein, Freek J. 2,746,604.
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- Fontein, Freek J., and Dijkman. 2,765,918.
- Goedkoop, Martinus L. 2,735,819.
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- Hage, Pieter W. 2,772,990.
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- Hoogendoonk, Johan W. 2,756,685.
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 Stamm, John J., to Westinghouse Electric Corp. Low-speed idling of engines. 2,747,368, 5-29-56, Cl. 60-39.18.  
 Stamm, John J., and J. O. Stephens, to Westinghouse Electric Corp. Fuel-transfer gas-turbine control. 2,768,496, 10-30-56, Cl. 60-39.14.  
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 Stammel, Andreas. Lever operated multiple stanchion release. 2,754,808, 7-17-56, Cl. 119-148.  
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 Stammwitz, Eugen. Traverse mechanism for spinning, twisting and like frames. 2,764,363, 9-25-56, Cl. 242-43.7.  
 Stamos, Chris, to The United Electric Coil Companies. Pulley cleaner. 2,729,842, 1-10-56, Cl. 15-256.5.  
 Stamp, Hugo O. Combined golf bag and seat. 2,736,357, 2-28-56, Cl. 150-1.5.  
 Stamp, Hugo O. Golf club separator. 2,752,973, 7-3-56, Cl. 150-1.5.  
 Stampe, Gerhard, to O. H. Drager. Dust filter. 2,764,153, 9-25-56, Cl. 128-146.  
 Stamper, Furman H., to Bendix Aviation Corp. Magnetically stabilized scanning recorder. 2,733,115, 1-31-56, Cl. 346-139.  
 Stamper, Furman H., to Bendix Aviation Corp. Scanning recorder. 2,742,339, 4-17-56, Cl. 346-139.  
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 Stancheff, Peter, to Richardson Taylor-Globe Corp. Means for preventing errors in the packaging of articles of manufacture. 2,732,203, 1-24-56, Cl. 271-57.  
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 Martin, Robert L. 2,732,140.  
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 Thias, Edwin P. 2,755,386.  
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 Becker, Sam B. 2,754,252.  
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 Boyd, Lloyd O., and Baker. 2,772,922.  
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 Crews, Lowell T., and Kalinowski. 2,759,841.  
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 Rado, John R. 2,774,366.  
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 Den Herder, Marvin J. 2,760,939.  
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 Dunning, Herbert N. 2,760,848.  
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 Faris, Robert B., Jr., and Bartleson. 2,729,970.  
 Fay, Philip S. 2,752,272.  
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 Fern, Robert J. 2,772,208.  
 Field, Edmund, and Feller. 2,731,452.  
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 Fields, Ellis K. 2,753,306.  
 Fields, Ellis K. 2,764,547.  
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 Fields, Ellis K. 2,773,832.  
 Fields, Ellis K., and Scanley. 2,760,933.  
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 Frazier, David. 2,743,014.  
 Fuller, Norman C. 2,747,527.  
 Gardner, Ralph A. 2,737,297.  
 Gary, James H. 2,751,082.  
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 Hardman, Harley F. 2,738,312.  
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 Husa, Howard W. 2,730,894.  
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 Jacobs, Robert B., and Greanias. 2,752,777.  
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 Jansma, John C. 2,772,782.  
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 Johnson, Everett A. 2,772,073.  
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 Kennel, William E. 2,744,939.  
 Lewis, Lloyd B. 2,767,827.  
 Lien, Arthur P., and McCaulay. 2,739,992.  
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 Offutt, Elmer B. 2,752,852.  
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 Proell, Wayne A. 2,754,328.  
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 Sabol, Albert R., Fields, and Karll. 2,749,311.  
 Scovill, Warner E. 2,752,042.  
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 Slaughter, John I., and McCaulay. 2,762,751.  
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 Smith, Carl W., and Templin. 2,772,198.  
 Snuggs, John F., Bock, and Wolf. 2,773,014.  
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 Strachan, John B., Jr. 2,740,037.  
 Szabo, Joseph J., and Frazier. 2,774,780.  
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 Thorne, Henry C., Jr., and McCaulay. 2,773,916.  
 Van Strien, Richard E. 2,751,360.  
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- Standard Oil Co. of California: *See*—  
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- Standard Oil Development Co.: *See*—  
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- Standard Pressed Steel Co.: *See*—  
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- Standard Steel Corp.: *See*—  
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- Standard Steel Works, Inc.: *See*—  
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- Standard Telephones and Cables Ltd.: *See*—  
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- Standing, Charles A. Tractor and semi-trailer construction with steerable rear wheels. 2,764,424, 9-25-56, Cl. 2.
- Stanek, Walter, to A. W. Faber-Castell. Pencil label. 2,765,551, 10-9-56, Cl. 40-2.
- Stanetzki, Lothar. Magnetic game apparatus. 2,745,216, 5-15-56, Cl. 46-240.
- Stanford, Leroy A. Dual range recording instrument. 2,749,204, 6-5-56, Cl. 346-35.
- Stanfield, Stephen O. Sinkers applying device with magazine handle. 2,765,687, 10-9-56, Cl. 81-15.
- Stanford, Ralph E., to The Kendall Co. Heat carbonizable emulsion, crayons, and method of making the same. 2,741,569, 4-10-56, Cl. 117-143.
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- Stang, Robert A., to Walter Kidde & Co., Inc. Current visual indicator. 2,765,457, 10-2-56, Cl. 340-253.
- Stange, Ferdinand F., to Foster Machine Co. Yarn winding machine. 2,752,100, 6-26-56, Cl. 242-18.
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- Stange, Wm. J., Co.: *See*—  
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- Stangeland, Ole I. Overrunning clutch and backstop device. 2,763,353, 9-8-56, Cl. 34-45.
- Stanger, Frank N. Measuring and dispensing device for bottles and containers. 2,735,592, 2-21-56, Cl. 222-449.
- Stanier, Harold. Yarn control device. 2,771,254, 11-20-56, Cl. 242-150.
- Stanimirovitch, Douchan, to Societe des Accumulateurs Fixes et de Traction, Societe Anonyme. Storage batteries. 2,749,824, 4-5-56, Cl. 136-171.
- Stanin, Theodore E.: *See*—  
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- Stanitz, Jacques, M. E. Ullman, Jr., and J. L. Habe, to American Radiator & Standard Sanitary Corp. Dishwasher vent apparatus. 2,752,927, 7-3-56, Cl. 134-182.
- Stanley, Alfred W., to Santay Corp. Windshield washer nozzle. 2,772,115, 11-27-56, Cl. 299-73.
- Stanley Aviation Corp.: *See*—  
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- Stanley Building Specialties Co.: *See*—  
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- Stanley, Clyde P., and R. W. Weeks, to Phillips Petroleum Co. Liquid contacting apparatus with automatic heat control. 2,762,761, 9-11-56, Cl. 202-160.
- Stanley, Edmund: *See—*
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- Stanley Home Products, Inc.: *See—*
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- Le Febvre, Alfred L., and Small. 2,736,915.
- Le Febvre, Alfred L., Small, Johnson, and Cleveland. 2,743,064.
- Stanley, Howard C.: *See—*
- Hall, Donivan L., and Stanley. 2,767,280.
- Stanley, Jack S. Receptacle support. 2,732,155, 1-24-56, Cl. 248-147.
- Stanley, John E., to Duo-Flex Corp. Acoustical ceiling construction. 2,742,122, 4-21-56, Cl. 189-85.
- Stanley, Leslie O., to Wheeling Steel Corp. Apparatus for coating metal articles. 2,769,424, 11-6-56, Cl. 118-56.
- Stanley, Lester N.: *See—*
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- Stanley, Lester N., and A. C. Baggenstoss, to General Aniline & Film Corp. Production of dicyandamide-formaldehyde condensation products. 2,774,749, 12-18-56, Cl. 260-69.
- Stanley, Rufus C., to G. C. and M. J. West. Hair drying apparatus. 2,738,592, 3-20-56, Cl. 34-80.
- Stanley, Thomas O., to Radio Corp. of America. Stabilized semi-conductor oscillator circuit. 2,757,287, 7-31-56, Cl. 251-36.
- Stanley, William E., Jr.: *See—*
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- Stanford Oil and Gas Co.: *See—*
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- Bennett, Arthur D. 2,732,714.
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- Bennett, Arthur D., and Silverman. 2,775,121.
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- Brainerd, Harold W., Jr. 2,751,348.
- Carlson, Eugene C. 2,742,347.
- Clarke, Roscoe C., Jr. 2,770,306.
- Cooley, Elihu H. 2,770,773.
- Elsler, Joseph D. 2,770,783.
- Elkins, Lloyd B. 2,734,579.
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- Hujsak, Karol L. 2,762,831.
- Hujsak, Karol L., and Mungen. 2,756,248.
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- Jones, Lloyd W. 2,756,211.
- Krutzer, Myron B., and Hujsak. 2,762,829.
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- Pearce, Frank G. 2,758,913.
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- Pirson, Sylvain J. 2,770,305.
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- Silverman, Daniel. 2,770,312.
- Steitz, Alfred, Jr. 2,770,636.
- Vincent, Renie P. 2,755,742.
- Vincent, Renie P. 2,766,694.
- Walker, Scott W. 2,770,536.
- Widess, Moses B. 2,755,879.
- Stansbury, Harry A., Jr., and H. R. Guest, to Union Carbide and Carbon Corp. Dimethyls and process for their preparation. 2,731,489, 1-17-56, Cl. 260-465.4.
- Stansbury, Harry A., Jr., and H. R. Guest, to Union Carbide and Carbon Corp. Allethrin and related insecticides. 2,768,965, 10-30-56, Cl. 260-468.
- Stansbury, Harry N., Jr., and J. C. Webber, to The Atlantic Refining Co. Lubricator device. 2,755,863, 7-24-56, Cl. 168-92.
- Stansbury Inc.: *See—*
- Northrop, Joseph F. 2,729,245.
- Stansbury, Marcellus M.: *See—*
- Wright, Charles R., Stansbury, and Dunn. 2,730,962.
- Stansbury, Melvin H. Pneumatically actuated thread protector. 2,732,864, 1-31-56, Cl. 138-96.
- Stansbury, William M., 50% to L. M. Purvis. Ditch digger. 2,772,491, 12-4-56, Cl. 37-86.
- Stansel, Frank R., to Bell Telephone Laboratories, Inc. Transistor oscillators. 2,745,010, 5-8-56, Cl. 250-36.
- Stansel, Frank R., to Bell Telephone Laboratories, Inc. Negative impedance transistor circuits. 2,769,908, 11-6-56, Cl. 250-36.
- Stansell, Alpheus F.: *See—*
- Gardner, Edgar J., Johnson, and Stansell. 2,772,558.
- Stansell, Earl E.: *See—*
- Bishop, Homer L. 2,762,098.
- Stanton, Arthur H., Jr., and L. D. Noble, to The Standard Parts Co. Knob shoes. 2,729,126, 1-3-56, Cl. 81-40.
- Stanton, Arthur H., Jr., and L. D. Noble, to The Standard Parts Co. Predetermined torque release thumb screw. 2,729,134, 1-3-56, Cl. 85-61.
- Stanton, Arthur J., R. E. Carlberg, R. K. Bole, F. W. Sieve, W. Danziger, and R. De Masi. Missile launcher. 2,745,317, 5-15-56, Cl. 89-46.
- Stanton, Austin N. Device for determining the degree of rotation of polarized light. 2,766,652, 10-10-56, Cl. 88-43.
- Stanton, Austin N. Mechanical vibrator. 2,770,760, 11-13-56, Cl. 317-182.
- Stanton, Edward W., to The Singer Mfg. Co. Method of making a power table top for a sewing machine. 2,733,744, 2-4-56, Cl. 144-309.
- Stanton, Edward W. Chisel for removing putty. 2,735,179, 2-21-56, Cl. 30-168.
- Stanton, George W., and F. A. Ehlers, to The Dow Chemical Co. Acrylonitrile polymers stabilized with certain carbamates and thiocarbamates. 2,735,833, 2-21-56, Cl. 260-45.9.
- Stanton, George W., and F. A. Ehlers, to The Dow Chemical Co. Acrylonitrile polymers stabilized with certain beta-alkylaminopropionitriles. 2,735,834, 2-21-56, Cl. 260-45.9.
- Stanton, George W., T. B. Lefferdink, and T. C. Spence, to The Dow Chemical Co. Polyacrylonitrile fibers having a scaly integument. 2,736,946, 3-6-56, Cl. 28-82.
- Stanton, George W., and F. A. Ehlers, to The Dow Chemical Co. Acrylonitrile polymers stabilized with certain alkyl sulfones. 2,740,766, 4-3-56, Cl. 260-45.7.
- Stanton, George W., and F. A. Ehlers, to The Dow Chemical Co. Acrylonitrile polymers stabilized with certain alkyl esters of thioglycolic acid. 2,745,821, 5-15-56, Cl. 260-45.85.
- Stanton, George W., and F. A. Ehlers, to The Dow Chemical Co. Acrylonitrile polymers stabilized with certain beta-hydroxycarboxypropionitriles. 2,760,950, 8-28-56, Cl. 260-45.85.
- Stanton, Robert E., to Celanese Corp. of America. Heat sealing. 2,762,420, 9-11-56, Cl. 154-42.
- Stanton, Robert E., to Celanese Corp. of America. Packaging. 2,764,283, 9-25-56, Cl. 206-46.
- Stanton, Robert J.: *See—*
- Rudd, Wallace C., and Stanton. 2,763,756.
- Rudd, Wallace C., and Stanton. 2,774,857.
- Stanton, Russell S., and G. Yucht; said Yucht, now by change of name G. L. Young, to Hughes Aircraft Co. Pulse-length switching circuit. 2,743,360, 4-24-56, Cl. 250-27.
- Stanton, Samuel. Pistol carrying means. 2,764,326, 9-25-56, Cl. 224-1.
- Stanton, Walter H., to Monsanto Chemical Co. Process for the production of vinyl esters. 2,770,650, 11-13-56, Cl. 260-498.
- Stanziale, Victor. Diamond setter's cutting tool. 2,753,618, 7-10-56, Cl. 29-103.
- Stapenell, Samuel J., to The Bristol Aeroplane Co. Ltd. Forming rounded edges on blade-like elements. 2,730,847, 1-17-56, Cl. 51-144.
- Staples, Edmund B.: *See—*
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- Samson, Edward W., and Staples. 2,762,564.
- Staples, Elliot M., to Bell Telephone Laboratories, Inc. Selector switch circuit. 2,733,299, 1-31-56, Cl. 179-84.
- Staples, Gordon F., and R. Mitchell. Vise for holding workpieces of diverse shapes. 2,771,803, 11-27-56, Cl. 81-38.
- Staples, James D., to J. D. McCrory, to R. K. Ratap, Inc. Measuring wheel. 2,733,511, 2-7-56, Cl. 33-141.
- Staples, Otis E., to The Cleveland Hobbing Machine Co. Yieldable nut. 2,756,606, 7-31-56, Cl. 74-424.8.
- Staples, Otis E., to The Cleveland Hobbing Machine Co. Dressing device. 2,763,102, 9-18-56, Cl. 51-55.
- Staples, Otis E., to The Cleveland Hobbing Machine Co. Turning machine. 2,773,407, 12-11-56, Cl. 82-14.
- Staples, Robert G., Jr., and M. W. Bougher, Sr., to Link-Belt Co. Weighing device. 2,771,288, 11-20-56, Cl. 265-52.
- Staples, Stanley F., to the United States of America as represented by the Secretary of the Army. Slip-on closure cap. 2,747,761, 5-29-56, Cl. 220-24.
- Stapleton, Clarence B.: *See—*
- Beam, Albert S., and Stapleton. 2,750,676.
- Donaghey, William B., Stapleton, and Dempsey. 2,741,034.
- Stapleton, John M.: *See—*
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- Hogan, William J. 2,762,522.
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- Hogan, William J., and Riker. 2,753,038.
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- Kingsley, David G. 2,762,493.
- Rice, Richard L. 2,772,700.
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- Schumann, Lawrence R. 2,763,367.
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- Starbird, Edward E., and C. Pidacks, to American Cyanamid Co. Extraction of aureomycin. 2,740,816, 4-3-56, Cl. 260-559.
- Starbird, Edward E., and C. Pidacks, to American Cyanamid Co. Chlorotetracycline purification and alkaline earth salts. 2,763,681, 9-18-56, Cl. 260-559.
- Starbuck, John R., Sr., to Aeroquip Corp. Thread gauge. 2,763,068, 9-18-56, Cl. 33-199.

- Starcher, Paul S.: *See*—  
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- Starck, Arthur M., and W. E. Geney, to A. M. S. Corp. Pivoted double hung window. 2,752,642, 7-3-56, Cl. 20-49.
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- Stark, Alexander D. Floating hulls for off shore oil well drilling. 2,740,261, 4-3-56, Cl. 61-46.5.
- Stark, Arnold L.: *See*—  
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- Stark, Don L. Air actuated chance device. 2,758,840, 8-14-56, Cl. 273-141.
- Stark, Eduard, 75% to A. Schmidhalter. Machine for manufacturing glide fasteners. 2,738,822, 3-20-56, Cl. 153-1.
- Stark, Eduard, 75% to A. Schmidhalter. Glide fastener. 2,757,428, 8-7-56, Cl. 24-207.
- Stark, Frank H. Lint saver attachment. 2,740,993, 4-10-56, Cl. 19-67.
- Stark, Frederick K. Selector mechanism. 2,730,037, 1-10-56, Cl. 101-58.
- Stark, Harold. Guide rail assembly for sliding doors. 2,750,622, 6-19-56, Cl. 16-90.
- Stark, Henry M.: *See*—  
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- Stark, Howard J. Method of producing a low density explosive. 2,718,072, 10-23-56, Cl. 52-5.
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- Stark, Rufus W. Preparation of tobacco for packing. 2,732,844, 1-31-56, Cl. 131-136.
- Stark, Virgil. Refrigerated clothing. 2,731,808, 1-24-56, Cl. 62-9.
- Starke, Albert C., Jr.: *See*—  
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- Starckenberg, Arnold. Animated ass tray. 2,752,877, 7-3-56, Cl. 116-101.
- Starker, Lee N., and D. B. Cosulich, to American Cyanamid Co. Keto aliphatic acids and methods of preparing the same. 2,759,005, 8-14-56, Cl. 260-406.
- Starkov, Charles H. Ear mold for hearing aids. 2,763,334, 9-18-56, Cl. 181-23.
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- Starkey, John E. Toy helicopter. 2,746,207, 5-22-56, Cl. 46-75.
- Starkey, William A., to Ransburg Electro-Coating Corp. Electrostatic coating apparatus. 2,730,988, 1-17-56, Cl. 118-51.
- Starkman, Ernest S., and S. S. Soren, to Shell Development Co. Steel-making. 2,754,198, 7-10-56, Cl. 75-43.
- Starkoff, Bernard J., to The Chemical Rubber Co. Reinforced apron. 2,740,123, 4-3-56, Cl. 2-51.
- Starks, Fred W., to E. I. du Pont de Nemours and Co. Stabilization of chlorinated hydrocarbons. 2,742,509, 4-17-56, Cl. 260-652.8.
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- Starling, C. Gary.: *See*—  
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- Starnecki, Jerry, and F. T. Soules, to Fve Ltd. Recording and reproducing apparatus for magnetic-wire records. 2,738,284, 8-13-56, Cl. 179-100.2.
- Starner, Charles J., to Radio Corp. of America. Radio coupling system. 2,758,283, 8-7-56, Cl. 333-24.
- Starner, Charles J., and F. E. Talmage, to Radio Corp. of America. Polygonal multiple tube system. 2,740,848, 4-3-56, Cl. 179-171.
- Starnes, George F., 50% to G. A. Starnes, and 50% to W. E. Starnes. Doffing attachment for hosiery loopers. 2,749,857, 6-12-56, Cl. 112-25.
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- Starnes, Ray E. Jointer blade sharpener. 2,733,554, 2-7-56, Cl. 51-122.
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- Starr, Charles E., Jr., and E. M. Charlet, to Esso Research and Engineering Co. Infrared control method for alcohol synthesis process. 2,734,089, 2-7-56, Cl. 260-638.
- Starr, Donald F., and C. C. Di Santo, to S. B. Penick & Co., Inc. Improvement in the manufacture of 3-substituted 4-hydroxycoumarins. 2,752,360, 6-26-56, Cl. 260-343.2.
- Starr, Frank C., Jr., to E. I. du Pont de Nemours and Co. Process for the polymerization of formaldehyde employing metal carbonyl initiators. 2,734,889, 2-14-56, Cl. 260-67.
- Starr, George B. Animated toy. 2,752,728, 7-3-56, Cl. 46-75.
- Starr, Harriet. Baby diaper. 2,770,237, 11-13-56, Cl. 128-287.
- Starr, Joseph W. Hip boot holdup harness. 2,732,561, 1-31-56, Cl. 2-305.
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- Starr, Norbert T., to Gar Wood Industries, Inc. Refuse truck. 2,733,820, 2-7-56, Cl. 214-83.3.
- Starr, Norbert T., to Gar Wood Industries, Inc. Pressure fuel telescopic cylinder motor. 2,746,428, 5-22-56, Cl. 121-46.
- Starr, Wendell T., to General Electric Co. Insulation fault detector. 2,750,562, 6-12-56, Cl. 324-54.
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- Starz, Ernest, to William Cotton Ltd. Straight bar knitting machines. 2,70,939, 11-20-56, Cl. 86-110.
- Stary, Walter E. Tube-expanding tool. 2,772,716, 12-4-56, Cl. 153-82.
- Starzyk, Frederick F., to Tenderet Sales Co. Method of packaging comestibles. 2,757,093, 7-31-56, Cl. 99-171.
- Stasevich, Fred J.: *See*—  
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- Statham, Louis D., to Statham Laboratories, Inc. Electric transducer. 2,751,476, 6-19-56, Cl. 201-63.
- Statham, Louis D., to Statham Laboratories, Inc. Electrical strain wire transducer. 2,760,037, 8-21-56, Cl. 201-63.
- Statham, Louis D., to Statham Laboratories, Inc. Electrical strain wire transducer. 2,760,038, 8-21-56, Cl. 201-63.
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- Statham, Louis D., to Statham Laboratories, Inc. Electric strain wire transducer. 2,764,658, 8-21-56, Cl. 201-63.
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- Statham, Noel. Track for adjustable fastening devices. 2,770,024, 11-13-56, Cl. 24-206.
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- Statia, Edwin V., Sr., 50% to E. L. Chapman. Shirt with collar hold-down arrangement. 2,732,557, 1-31-56, Cl. 2-132.
- Statia, Edwin V., Sr., 1/4 to Edward L. Chapman. Tobacco smoking articles. 2,755,206, 7-17-56, Cl. 131-10.
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- Stagner, Francis C. Smoker's pipe. 2,770,240, 11-13-56, Cl. 131-263.
- Staebitz, Wilhelm W., 1/4 to C. N. Fouse. Method and apparatus for deep drawing of metals. 2,739,557, 3-27-56, Cl. 113-46.
- Staebli, Hugo, and W. Wicker, to Gebr. Staebli & Co. Double lift shedding motion. 2,751,938, 6-26-56, Cl. 139-68.



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- Stauder, Edwin G., Power actuated vehicle steering systems. 2,773,351, 2-1-56, Cl. 60-53.
- Stauder, Emanuel, to Huther Brothers Saw Mfg. Co., Circular saw blade for cutting wood which contains nails. 2,735,459, 2-21-56, Cl. 143-133.
- Staudt, Max W., Sr., Work holding jig. 2,733,559, 2-7-56, Cl. 51-217.
- Staudt, Rufus T., to General Electric Co., Insulation removing machine. 2,762,247, 9-11-56, Cl. 81-9.51.
- Staufert, Helmut, Spindle. 2,742,754, 4-24-56, Cl. 57-88.
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- Staveanu, Harold L., and D. M. Park, to Truth Tool Co., Closure operator. 2,775,446, 12-25-56, Cl. 268-104.
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- Stayner, Richard D., to California Research Corp., Production of substantially odorless alkyl aryl sulfonate detergents. 2,757,195, 7-31-56, Cl. 260-505.
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- Steadman, Audrey H., to United States Rubber Co., Method and apparatus for molding rubber. 2,732,589, 1-31-56, Cl. 18-44.
- Steadman, Clifford S., to S. Smith & Sons (England) Ltd., Heating and ventilating systems for vehicles. 2,742,844, 4-24-56, Cl. 98-48.
- Stegall, William F., to Sperry-Rand Corp., Monostable device. 2,729,754, 1-3-56, Cl. 307-88.
- Stegall, William F., to Sperry-Rand Corp., Bistable device. 2,729,755, 1-3-56, Cl. 307-88.
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- Stearn, William T., to Celanese Colombiana, S. A., Container. 2,760,631, 8-28-56, Cl. 206-65.
- Stearns, Albert F., Motorless automatic walking doll. 2,763,095, 9-18-56, Cl. 46-149.
- Stearns, Audrick O., to General Electric Co., Centrifugally operated rotary cutting element. 2,740,249, 4-3-56, Cl. 56-295.
- Stearns, George A., to George Stearns Chemical Corp., Method of sanitizing culinary utensils and tableware. 2,766,151, 10-9-56, Cl. 134-27.
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Schutt, Walter G., 2,730,251.
- Stearns, Walter I., Drill bit for screw holes. 2,732,869, 1-31-56, Cl. 145-125.
- Stearns, Walter I., Plug cutter. 2,748,817, 6-5-56, Cl. 145-120.
- Seattite Research Corp.: *See—*  
Schoenberg, Ernst A., 2,773,039.
- Schreib, Baynard R., 2,770,669.
- Stebbins, Audrick O., to General Electric Co., Apparatus for feathering aircraft propeller blades. 2,732,019, 1-24-56, Cl. 170-135.72.
- Stebbins, Herve A., Gaging head for pneumatic bore gage. 2,755,558, 7-24-56, Cl. 33-178.
- Stebbins, James H., Mouse trap. 2,735,216, 2-21-56, Cl. 43-33.
- Stecher, Henry D., Weatherproof and vapor-tight fixture. 2,770,715, 11-13-56, Cl. 240-11.2.
- Steck, Clyde O., to F. J. Kress Box Co., Easy opening corrugated paperboard carton. 2,745,592, 5-15-56, Cl. 229-51.
- Steck, Edgar A., to Sterling Drug Inc., 7-Chloro-4-(4-di-n-butylaminobutylamino)-3-methylquinoline and salts thereof. 2,758,997, 8-14-56, Cl. 260-286.
- Steck, Edgar A., to Sterling Drug Inc., 2,3-alkylenedioxy-6-nitro-9-aminoacridines and their synthesis. 2,762,806, 9-11-56, Cl. 260-279.
- Steck, Edgar A., to Sterling Drug Inc., 2,3-alkylenedioxy-6-nitro-9-(2-hydroxyalkylamino) acridines and their preparation. 2,762,807, 9-11-56, Cl. 260-279.
- Steck, Edgar A., to Sterling Drug Inc., 2,3-alkylenedioxy-6-nitro-9-(hydroxyalkylaminoalkylamino) acridines and their preparation. 2,762,808, 9-11-56, Cl. 260-279.
- Steck, Edgar A., to Sterling Drug Inc., 2,3-dialkoxy-6-nitro-9-(hydroxyalkylaminoalkylamino) acridines and their preparation. 2,762,809, 9-11-56, Cl. 260-279.
- Steckel, Elmer A.: *See—*  
Russell, Roy W., and Steckel, 2,750,986.
- Stecker, Fred, to Ideal Toy Corp., Weeping doll. 2,748,530, 6-5-56, Cl. 229-34.
- Steckle, Charles, and R. L. Wingenroth, to United States Steel Corp., Positioner and drive for blast furnace distributor. 2,736,440, 2-28-56, Cl. 214-37.
- Steckler, Robert: *See—*  
Verner, Jesse, and Steckler, 2,762,735.
- Steckman, Albert O.: *See—*  
Tipper, Maynard J. G., 2,742,944.
- Stedman, Allan L., and M. D. King, to Convoys, Inc., End wall construction for file drawers and the like. 2,757,852, 8-7-56, Cl. 229-34.
- Stee, Ernest C.: *See—*  
Albers, Claude J., 2,765,180.
- Steed, Edgar L., to Daystrom Electric Corp., Sound recorder and reproducer. 2,730,369, 10-10-56, Cl. 274-13.
- Steel Co. of Canada, Ltd.: *See—*  
Colver, Leonard C., 2,768,725.
- Steel Door Corp.: *See—*  
Sjoberg, George W., Re. 24,237.
- Sjoberg, George W., 2,741,806.
- Sjoberg, George W., 2,750,143.
- Steel Dot Corp.: *See—*  
Geese, Charles F., 2,750,891.
- Steel, Harold J., Multiple row seeder and fertilizer side dresser. 2,748,986, 6-5-56, Cl. 222-177.
- Steel Heddle Mfg. Co.: *See—*  
Hassold, Victor C., 2,730,137.
- Kaufmann, John J., Jr., 2,748,807.
- Kaufmann, Frank H., 2,756,482.
- Kaufmann, Frank H., 2,769,461.
- Kaufmann, Frank H., 2,773,516.
- Steel Partitions, Inc.: *See—*  
Jacobson, Gustaf L., and Oberg, 2,748,908.
- Johnson, Robert C., Millard, and Carlson, 2,766,855.
- Johnson, Robert C., Millard, and Carlson, 2,766,858.
- Steel Products Engineering Co., The: *See—*  
Getz, Delmond L., 2,735,572.
- Lockwood, Arthur E., 2,735,571.
- Steel Slides, Inc.: *See—*  
Hafekost, Frederick, 2,751,269.
- Manson, Morris, and Hafekost, 2,750,244.
- Steel City Electric Co.: *See—*  
Cook, Raymond D., and Lang, 2,738,894.
- Steelcraft Mfg. Co., The: *See—*  
Leeser, Werner M., 2,758,681.

- Steele, Arlo L., to Robbins & Myers Inc. Centrifugal actuator. 2,733,910, 2-7-56, Cl. 264-15.
- Steele, Arthur B.: *See*—
- Wilkes, Benjamin G., Jr., and Steele. 2,743,285.
- Steele, Arthur B., to Air Products Inc. Method and apparatus for pumping volatile liquids. 2,730,870, 1-17-56, Cl. 62-122.
- Steele, Chellie T., and C. G. Morrison, to Esso Research and Engineering Co. Production of aromatic tar. 2,764,527, 9-25-56, Cl. 192-40.
- Steele, Edson B., to Joy Mfg. Co. Mining apparatus with clean-up device. 2,736,546, 2-28-56, Cl. 262-29.
- Steele, Floyd G., to Digital Control Systems, Inc. Electric motor control system employing di-function signals. 2,729,773, 1-3-56, Cl. 318-38.
- Steele, Floyd G., to Digital Control Systems, Inc. Di-function non-linear servo system. 2,729,774, 1-3-56, Cl. 318-31.
- Steele, Floyd G., to Northrop Aircraft, Inc. Linear cam computer. 2,732,504, 1-1-56, Cl. 250-208.
- Steele, Floyd G., to Digital Control Systems, Inc. Angular quantizer. 2,733,430, 1-31-56, Cl. 340-347.
- Steele, Floyd G., to Digital Control Systems, Inc. Quantizer. 2,733,431, 1-31-56, Cl. 340-347.
- Steele, Floyd G., to Northrop Aircraft, Inc. Add-subtract counter. 2,735,005, 2-14-56, Cl. 250-27.
- Steele, Frank E. Wheelbarrow with spring mounted wheel. 2,744,761, 5-8-56, Cl. 280-47.22.
- Steele, George, to Sir Alfred McAlpine & Son Ltd. Shutter-in assembly. 2,736,563, 3-6-56, Cl. 25-131.
- Steele, Gerald H.: *See*—
- Champion, Charles L., and Steele. 2,746,638.
- Steele, Gordon N., to the United States of America as represented by the United States Atomic Energy Commission. Vacuum fixture. 2,736,563, 3-6-56, Cl. 25-131.
- Steele, Homer M. Gutter screen. 2,734,467, 2-14-56, Cl. 108-30.
- Steele, Horace M., to Model Engineering & Mfg., Inc. Rheostat. 2,749,416, 6-5-56, Cl. 201-48.
- Steele, Lawrence B., Jr.: *See*—
- Hewett, James V., and Steele. 2,768,868.
- Steele, Maurice G., to Rome Cable Corp. Device for positioning and straightening wire ends and the like. 2,737,917, 1-13-56, Cl. 113-99.
- Steele, Oliver W. Gravity separator. 2,759,605, 8-21-56, Cl. 209-467.
- Steele, Roger C., to Hexcel Products Inc. Method of producing honeycomb. 2,734,843, 2-14-56, Cl. 154-122.
- Steele, Roger C., and R. T. Huesher, to Hexcel Products Inc. Means for shaping sheets of cellular material. 2,761,357, 9-4-56, Cl. 90-18.
- Steele, Vernon P., to Kenco Products Corp. Combination pump and container. 2,739,739, 3-27-56, Cl. 222-243.
- Steele, Vernon P., to Kenco Products Corp. Beverage dispenser with duplex stirrer and pump. 2,740,558, 4-3-56, Cl. 222-189.
- Steele, Vernon P., to Kenco Products Corp. Adjustable stroke syrup pump. 2,752,072, 6-26-56, Cl. 222-309.
- Steele, Walter H.: *See*—
- Yates, George. 2,755,490.
- Steele, William B.: *See*—
- Fisher, Peter. 2,745,503.
- Graves, Lloyd T. 2,734,292.
- Steelman, Inc.: *See*—
- Schultz, Matthew J. 2,764,194.
- Steelman, Sanford L., and F. J. Lindseth, to Armour and Co. Preparation of gaulazulene by sulfur dehydrogenation of terpene-type compounds. 2,734,931, 2-14-56, Cl. 260-675.5.
- Steelgroup, Inc.: *See*—
- Fors, Oscar A. 2,747,503.
- Steen, Curtis E.: *See*—
- Steen, Wilbur L. and C. E. 2,764,856.
- Steen, Harford K., to Interstate Bag Co. Method of making shopping bag having turned over edges. 2,758,519, 8-14-56, Cl. 93-35.
- Steen, Harford K., to Interstate Bag Co. Reinforced paper strap and bag containing same. 2,766,925, 10-16-56, Cl. 229-52.
- Steen, Harford K., and H. L. Thompson, deceased; by T. V. Thompson, administratrix, to Interstate Bag Co. Method and machine for bag making. 2,775,171, 12-25-56, Cl. 93-8.
- Steen, Wilbur L. and C. E. Polishing wheel and means for delivering abrasive thereto. 2,764,856, 10-2-56, Cl. 51-263.
- Steen, William E., to A. O. Smith Corp. Fluid flow mechanism. 2,746,430, 5-22-56, Cl. 121-121.
- Steen, Willis J., to Motorola, Inc. Band-pass limiter circuit. 2,761,920, 9-4-56, Cl. 179-171.
- Steenack, Robert, to The Western Union Telegraph Co. Magnetic tape storage of intelligence. 2,767,243, 10-16-56, Cl. 178-17.5.
- Steeper, Charles P. Artificial limbs. 2,770,811, 11-20-56, Cl. 3-22.
- Steeves, Asa B., to Esso Research and Engineering Co. Method and means for insulating high voltage electrodes. 2,775,640, 12-25-56, Cl. 174-15.
- Steeves, Wainwright D., and R. V. Madden. Fifth wheel safety lock. 2,772,895, 12-4-56, Cl. 280-432.
- Stefacek, Eugene M. Optical test apparatus for measuring the fat content of liquids. 2,731,723, 1-24-56, Cl. 33-125.
- Stefanizzi, Ignazio, to A. Tesoriero. Noise deadening rail joint. 2,738,929, 3-20-56, Cl. 238-232.
- Stefansson, Hal: *See*—
- Schultz, Carl. 2,757,042.
- Steffan, Joseph J., deceased (by J. A. Steffan, and D. H. Williams, executors). Dry wall jamb. 2,765,884, 10-9-56, Cl. 139-9.
- Steffan, Joseph J., deceased (by J. A. Steffan, and D. H. Williams, executors). Jamb. 2,765,885, 10-9-56, Cl. 139-46.
- Steffan, Julius A.: *See*—
- Steffan, Joseph J. 2,765,884.
- Steffan, Joseph J. 2,765,885.
- Steffen, Alvin H. Portable rear seat speaker. 2,769,858, 11-6-56, Cl. 179-1.
- Steffen, Junior E., and R. L. Engel, to Schrock Bros. Co. Multiple distribution system. 2,756,859, 7-31-56, Cl. 192-23.
- Steffens, Louis, to A. Sauer and Co., Inc. Lost-preventing finger ring spring. 2,766,699, 10-16-56, Cl. 63-15.6.
- Steffens, Oscar C., to Alcoa Valve Co. Method of making a two-headed valve stem. 2,754,571, 7-17-56, Cl. 29-157.1.
- Stell, Eugene P., and C. E. Best, to The Firestone Tire & Rubber Co. Stabilization of vinyl chloride resins with organotin trimercaptides. 2,731,440, 1-17-56, Cl. 260-45.75.
- Stell, Eugene P., and C. E. Best, to The Firestone Tire & Rubber Co. Stabilization of vinyl chloride resins with organotin mercaptides. 2-mercaptothiazole and its derivatives. 2,731,441, 1-17-56, Cl. 260-45.75.
- Stell, Eugene P., and C. E. Best, to The Firestone Tire & Rubber Co. Organotin trimercaptides. 2,731,482, 1-17-56, Cl. 260-423.
- Stegeman, Henry J., to The Locke Steel Chain Co. Air intake stack for gasoline motors. 2,730,084, 1-10-56, Cl. 123-41.65.
- Stegeman, Henry J., to The Locke Steel Chain Co. Seat structure of a power lawn mower sulky. 2,740,462, 4-3-56, Cl. 555-36.
- Stegeman, Raymond F. E., to Bausch & Lomb Optical Co. Means for detachably securing pairs of ophthalmic mountings. 2,740,327, 4-3-56, Cl. 88-47.
- Stegeman, Raymond F. E., to Bausch & Lomb Optical Co. Spectacles. 2,747,729, 5-27-56, Cl. 206-6.
- Stegeman, Raymond F. E., to Bausch & Lomb Optical Co. Semi-rimless spectacles. 2,755,705, 7-24-56, Cl. 88-47.
- Stegeman, Raymond F. E., to Bausch & Lomb Optical Co. Spectacle case. 2,762,499, 9-11-56, Cl. 206-5.
- Stegemann, Werner, to H. C. Christiansen. Arrangement for starting internal combustion engines. 2,766,749, 10-16-56, Cl. 123-179.
- Stegemann, Werner G., to H. C. Christiansen. Lubricating arrangement for starter motor of an internal combustion engine. 2,757,656, 8-7-56, Cl. 123-196.
- Stegemeier, Richard J., and P. W. Fischer, to Union Oil Co. of California. Corrosion resistant electrically conductive thread compound. 2,754,266, 7-10-56, Cl. 252-19.
- Steigman, W. B. Frozen food package. 2,761,785, 9-4-56, Cl. 99-180.
- Steiglich, Kurt, to Askania-Werke A. G. Cassegrain mirror lens objective. 2,761,354, 9-4-56, Cl. 88-57.
- Stehn, Everett G.: *See*—
- Mattimo, George E., and Stehn. 2,750,091.
- Steichele, Joseph: *See*—
- Pink, Heinrich, and Steichele. 2,750,237.
- Rogner, Ernst, and Steichele. 2,750,239.
- Steiger, Heinrich A. Turbo-cooling means for non-supercharged dual-cycle internal combustion engines. 2,766,744, 10-16-56, Cl. 123-65.
- Steiger, Jessie L., now by change of name Jessie L. Sherwood. Immersion heater. 2,749,425, 6-5-56, Cl. 219-41.
- Steiger, Leonard W., to Maywood Chemical Works. Calcium hydride and process of making it. 2,735,820, 2-21-56, Cl. 252-182.
- Steiger, Norbert, to Hoffmann-La Roche Inc. Basic heterocyclic ethers. 2,732,373, 1-24-56, Cl. 260-279.
- Steiger, Norbert, to Hoffmann-La Roche Inc. Basic ethers of acridones and thioxanthones. 2,732,374, 1-24-56, Cl. 260-279.
- Steiger, Robert: *See*—
- Nikles, Paul A., Steiger, and Bach. 2,772,552.
- Steiger, Robert, and F. Luthi, to Ing. Mauser S. A. Filament-stapling machine, including grinding ring. 2,745,490, 5-15-56, Cl. 164-60.
- Steigerwald, Karl H. Apparatus for evaporating and depositing a material. 2,746,420, 5-22-56, Cl. 118-8.
- Steigerwald, Karl H., to Carl Zeiss. Utilizing electron energy for physically and chemically changing members. 2,771,568, 11-20-56, Cl. 315-31.
- Steigerwald, Oliver L., and H. L. Oshry, to Erie Resistor Corp. Network testing equipment. 2,753,523, 7-3-56, Cl. 324-73.
- Steigerwald, Oliver L., and H. L. Oshry, to Erie Resistor Corp. Method of making printed circuits. 2,757,443, 8-7-56, Cl. 29-155.5.
- Steigmann, Albert E.: *See*—
- Gaeremans, Ed., Kramer, and Steigmann. 2,743,265.
- Steinmann, Hans-Jean. Watch case. 2,765,614, 10-9-56, Cl. 58-90.
- Stein, Curvin H.: *See*—
- Jones, William A., and Stein. 2,762,853.
- Stein, Ethel. Puppet doll. 2,762,163, 9-11-56, Cl. 46-154.
- Stein, Frederick W. Apparatus for testing materials. 2,759,147, 8-14-56, Cl. 324-61.
- Stein, Frederick W., and E. E. Hellener. Portable sign. 2,756,529, 7-31-56, Cl. 40-125.
- Stein, George A.: *See*—
- Nash, John J., and Stein. 2,748,850.
- Nash, John J., and Stein. 2,760,549.



- Stein, Henry E., H. V. Mog, and J. W. Stertz, to The Denison Engineering Co. Apparatus for hydrostatically testing rocket bodies or other open-ended containers. 2,743,604, 5-1-56, Cl. 73—49.4.
- Stein, James: *See—*
- Richard, Geoffrey P., Stein, and Hobbsawn. 2,768,932.
- Stein, James H., to the United States of America as represented by the Secretary of the Navy. Selective automatic release. 2,741,158, 4-10-56, Cl. 89—1.5.
- Stein, James H., to the United States of America as represented by the Secretary of the Navy. Bombing control. 2,767,616, 10-23-56, Cl. 89—1.5.
- Stein, Joseph A.: *See—*
- Kruger, Frederick B., Rossmome, and Stein. 2,744,407.
- Stein, Joseph P. Concealed wall safe. 2,732,816, 1-31-56, Cl. 109—59.
- Stein, Robert R. Model store front. 2,760,275, 8-28-56, Cl. 35—16.
- Stein, Roman E.: *See—*
- McCann, Joe G., and Stein. 2,751,559.
- McCann, Joe G., Weil, and Stein. 2,754,100.
- Stein, Samuel: *See—*
- Harris, David A., and Stein. 2,759,415.
- Stein, Samuel. Differential pendulum vibrograph. 2,742,779, Cl. 73—7.
- Stein, Samuel F. Zipper fly closure for garments. 2,743,457, 5-1-56, Cl. 2—23.4.
- Stein, Sidney J., and A. L. Pugh, Jr., to International Rectifier Co. Capacitor. 2,769,944, 11-6-56, Cl. 317—24.2.
- Stein, Victor: *See—*
- Drewitz, Edwin W., and Stein. 2,773,965.
- Stein, Walter. Apparatus for measuring sedimentation rate of blood. 2,729,971, 1-10-56, Cl. 73—61.
- Stein, Wilhelm, and F. Gath, to Ernst Leitz, G. m. b. H. Registering mechanism for roll film cameras. 2,739,760, 3-27-56, Cl. 235—91.
- Stein, William C., Sr. Method and apparatus for destruction of live yeast cells in beer. 2,740,049, 3-27-56, Cl. 250—48.
- Steinbach, Emil C., to C. P. Peirce. Detachable mounting means. 2,754,080, 7-10-56, Cl. 248—350.
- Steinback, Clarence L.: *See—*
- Bieber, Frederick J., and Steinback. 2,753,622.
- Steinberg, Adalberto. Buckle structure. 2,757,427, 8-7-56, Cl. 24—17.8.
- Steinberg, Harold E., and H. C. Klages, to The Esterbrook Pen Co. Ink wells. 2,758,568, 8-14-56, Cl. 120—57.
- Steinberg, John C.: *See—*
- Gray, Kenneth R., Crosby, and Steinberg. 2,772,965.
- Steinberg, Leslie: *See—*
- Hopkins, Frank L., and Steinberg. 2,758,765.
- Kindsteth, Harold V., Steinberg, and Hagstrom. 2,753,097.
- Steinberg, Manuel W.: *See—*
- Steinberg, Robert S. 2,762,212.
- Steinberg, Marvin D. Method for removing verrucae. 2,760,901, 8-28-56, Cl. 167—58.
- Steinberg, Morris A.: *See—*
- Hainer, Eugene, and Steinberg. 2,766,152.
- Steinberg, Morris A., and E. Wainer, to Horizons Titanium Corp. Method of producing titanium monoxide. 2,750,259, 6-12-56, Cl. 23—20.2.
- Steinberg, Robert S., 33 $\frac{1}{4}$ % to M. W. Steinberg, and 33 $\frac{1}{4}$ % to S. Steinberg. Machine for making striped loop cloth. 2,762,212, 9-11-56, Cl. 66—93.
- Steinberg, Samuel: *See—*
- Steinberg, Robert S. 2,762,212.
- Steinberger, Franklin. Method and apparatus for feeding silver. 2,736,162, 2-28-56, Cl. 57—61.
- Steinbock, Robert S., to Hammock Package Ltd. Oleomargarine mixing package. 2,745,754, 5-15-56, Cl. 99—179.
- Steinboeck, Wilhelm. Concrete wall structure faced with pre-formed panels. 2,752,774, 7-3-56, Cl. 72—49.
- Steinbuch, Karl: *See—*
- Beerbaum, Friedrich, Grew, and Steinbuch. 2,737,629.
- Steine, George J. Toggle-controlled plier-type wrench. 2,752,832, 3-5-56, Cl. 81—186.
- Steinemann, Willy: *See—*
- Grandjean, Philippe, Steinemann, and Wehrli. 2,734,053.
- Steiner, Abram A., to De Nederlandse Centrale Organisatie Voor Toegepast Natuurwetenschappelijk Onderzoek. Hyponopes. 2,747,331, 5-29-56, Cl. 47—1.2.
- Steiner, Alois. Staple clinching tool. 2,730,719, 1-17-56, Cl. 1—13.7.
- Steiner, Alois. Tool holding and reciprocating apparatus. 2,731,988, 1-24-56, Cl. 143—70.
- Steiner, Charles S.: *See—*
- Bradford, Furdy and Steiner. 2,730,170.
- Steiner, Howard F. Mower guard. 2,730,858, 1-17-56, Cl. 56—30.7.
- Steiner, James S., to General Aluminum Corp. Frameless tension screen. 2,732,895, 1-31-56, Cl. 160—329.
- Steiner, Joseph W., and E. L. Beach, to Westinghouse Electric Corp. Lighting fixture. 2,769,082, 10-30-56, Cl. 240—41.
- Steiner, Klaus: *See—*
- Himmelheber, Max, Steiner, and Kull. 2,737,997.
- Steiner, Max E.: *See—*
- Schwartz, M., Bael M., Roper, and Steiner. 2,769,786.
- Steiner, Robert L., to Bromo-Mint Co., Inc. Toy water pistol with direction indicia. Re. 24,208, 9-4-56, Cl. 222—47.
- Steiner, Robert L., to Bromo-Mint Co., Inc. Toy water pistol. 2,746,644, 5-22-56, Cl. 222—79.
- Steiner, Robert L., to The Bromo-Ment Co. Infant's plaything. 2,769,276, 11-6-56, Cl. 46—32.
- Steiner, Rudolf. Bimetallic electrical switch mechanism for fire detecting apparatus. 2,769,879, 11-6-56, Cl. 200—138.
- Steinert, Emil F.: *See—*
- Croco, Charles P., Jennings, Lester, and Steinert. 2,752,529.
- Steinforth, Louis, to The National Screw & Mfg. Co. Screw blank resilient biasing means mounted on rotary carrier. 2,741,783, 4-17-56, Cl. 10—6.
- Steinhagen, William K.: *See—*
- Dolz, John, and Steinhagen. 2,739,835.
- Dolz, John, Steinhagen, and Johnson. 2,769,660.
- Steinhardt, Lawrence R., to General Dynamics Corp. Apparatus for and method of producing character type fonts on a cathode ray display tube. 2,758,237, 8-7-56, Cl. 313—86.
- Steinhauer, George C., to General Motors Corp. Method of making sheet metal turbine bucket. 2,762,114, 9-11-56, Cl. 29—156.8.
- Steinhaus, David W., and H. M. Crosswhite, Jr., to Leeds and Northrup Co. Methods of and systems for spectrochemical analysis. 2,744,438, 5-8-56, Cl. 88—14.
- Steinherz, Hans A., to Westinghouse Electric Corp. Phosphate coating for electrical steel. 2,743,203, 4-24-56, Cl. 148—61.5.
- Steinhilber, Frank A., to The Haloid Co. Method for the production of electrophotographic prints. 2,756,676, 7-31-56, Cl. 101—42.6.
- Steinhof, Karl: *See—*
- Schurich, Herbert. 2,762,213.
- Steininger, Charles F.: *See—*
- Marshall, William A., and Steininger. 2,751,349.
- Marshall, William A., and Steininger. 2,766,205.
- Marshall, William A., and Steininger. 2,766,209.
- Steinle, James R. Adjustable tractor seat. 2,731,074, 1-17-56, Cl. 155—21.
- Steinle, Walter, and F. Exner, to Bergwerksgesellschaft Hibernia, Aktiengesellschaft. Process for the production of ammonium sulphate-nitrate. 2,762,699, 9-11-56, Cl. 71—54.
- Steinmann, Rolf: *See—*
- Sinell, Robert, and Steinmann. 2,752,354.
- Steinmayer, Alwin G., to McGraw Electric Co. Circuit interrupter. 2,732,463, 1-24-56, Cl. 200—146.
- Steinmayer, Alwin G., to McGraw Electric Co. Wound core transformer. 2,767,382, 10-16-56, Cl. 336—213.
- Steinmetz, Alfred A.: *See—*
- Stelnic, Charles, Jr., and Steinmetz. 2,737,622.
- Steinmetz, John W. Pipe joint sealing device. 2,756,474, 7-31-56, Cl. 22—11.8.
- Steinmetz, Lawrence. Hook. 2,731,694, 1-24-56, Cl. 24—22.7.
- Steinmueller, Ralph E.: *See—*
- Dieter, Harry W., and Steinmueller. 2,765,160.
- Steinmuller, L. & C., Gesellschaft mit beschränkter Haftung: *See—*
- Becker, Ernst, and Weinstock. 2,763,220.
- Radermacher, Karl. 2,751,060.
- Steinthal, Martin B. Sample holder. 2,762,503, 9-11-56, Cl. 208—82.
- Steitz, Alfred, Jr.: *See—*
- O'Connor, Buell, and Steitz. 2,742,490.
- Steitz, Alfred, Jr., to Stanolind Oil and Gas Co. Method for purification of oil-soluble alcohols. 2,770,636, 11-13-56, Cl. 260—450.
- Steitz, William R.: *See—*
- Drummond, Warren W., Steitz, and Frickert. 2,736,512.
- Drummond, Warren W., Steitz, and Holtschulte. 2,746,118.
- Stekelenburg, Sherman. End gate for wagon boxes. 2,732,252, 1-24-56, Cl. 296—51.
- Stella Trust U/A: *See—*
- Hagopian, Vahan, Barth, and Wilkins. 2,766,161.
- Stelle, Allen M., P. K. Beemer, and H. O. Fuchs, to Preco Inc. Flame snuffer for wick-burners. 2,741,904, 4-17-56, Cl. 67—78.
- Stelle, Allen M., P. K. Beemer, and H. O. Fuchs, to Preco Inc. Thermostatic control unit. 2,742,518, 4-17-56, Cl. 297—16.
- Stelle, Richard E.: *See—*
- Bryer, John F., Steele, and Blackburn. 2,733,494.
- Stellies, Charles R., to The Murray Corporation of America. Extractor clutch and brake control. 2,738,863, 3-20-56, Cl. 193—13.3.
- Stellies, Charles R., to The Murray Corp. of America. Power clutch actuators. 2,775,329, 12-25-56, Cl. 192—82.
- Stelzer, Earl E.: *See—*
- Parker, Edwin D., and Stelzer. 2,737,673.
- Parker, Edwin D., and Stelzer. 2,767,414.
- Parker, Richard W., and Stelzer. 2,749,997.
- Stelzer, William. Weighing mechanisms. 2,731,255, 1-17-56, Cl. 265—63.
- Stelzer, William. Booster brake mechanism. 2,735,268, 2-21-56, Cl. 60—54.6.
- Stelzer, William. Load bearing pivots for balances and compensating means therefor. 2,739,806, 9-27-56, Cl. 265—63.
- Stelzer, William. Dual hydraulic brake system. 2,764,262, 9-25-56, Cl. 188—15.2.
- Stelzer, William. Letter weighing scales. 2,764,401, 9-25-56, Cl. 265—49.
- Stelzer, William. Package carriers and method for making the same. 2,773,635, 12-11-56, Cl. 229—52.
- Stempel, Arthur: *See—*
- Aeschlimann, John A., and Stempel. 2,731,493.
- Stempel, Arthur, to Hoffmann-La Roche Inc. Imidazolypropionyl choline salts. 2,774,769, 12-18-56, Cl. 260—309.

- Stempel, Laszlo M., to L. M. Stempel and A. C. Nolte, joint trustees. Transfer printing mechanisms. 2,729,164, 1-3-56, Cl. 101—415.1.
- Stempel, Laszlo M., to John Waldron Corp. Paper feeding mechanism. 2,775,449, 12-25-56, Cl. 271—2.3.
- Stencil Co., The. See—
- Harris, Carl C. 2,775,424.
- Stendardo, Thomas J.: See—
- Schwartz, Irving, and Stendardo. 2,767,701.
- Stenersen, Sten S.: See—
- Hansen, Harding B., Stenersen, Sealey, and Wiederkehr. 2,774,047.
- Stenserson, Charles K.: See—
- Doremus, John A., Stenserson, and Waterman. 2,731,622.
- Stengel, Leonard A., to Commercial Solvents Corp. Process for producing ammonium nitrate of any desired size particle. 2,773,753, 12-11-56, Cl. 23—313.
- Stengel, Leonard A., and J. J. Dorsey, Jr., to Commercial Solvents Corp. Process of production of ammonium nitrate. 2,739,037, 3-20-56, Cl. 23—103.
- Stenger, Maximilien, to Societe Anonyme Francaise du "Ferodo." Disk clutch. 2,765,060, 10-25-56, Cl. 192—68.
- Stenger, Maximilien, to Societe Anonyme Francaise du Ferodo. Friction clutch. 2,773,576, 12-11-56, Cl. 192—68.
- Stenger, Walter: See—
- Ley, Hellmut, Stenger, Werner, and Lampatzner. 2,758,949.
- Stengle, William B.: See—
- Sandborn, Lloyd T., and Stengle. 2,750,412.
- Sandborn, Lloyd T., and Stengle. 2,750,413.
- Stenko, Nicholas C.: See—
- Manning, Clarence R., and Stenko. 2,761,881.
- Stenning, Louis C., to The General Electric Co. Ltd. Pulse signalling systems. 2,756,274, 7-24-56, Cl. 179—15.
- Stenotype Co. of California: See—
- Postel, Charles E., and M. W. 2,732,828.
- Stenseng, Gilbert. Bolt holding fish lures. 2,735,214, 2-21-56, Cl. 43—44.
- Stensgaard, W. L., and Associates, Inc.: See—
- Wells, Millard F. 2,740,565.
- Stentz, Blair E., and G. C. Weingardt, to The Swartzbaugh Mfg. Co. Method of and apparatus for sterilizing infant's formula. 2,734,836, 2-14-56, Cl. 99—212.
- Stenzky, August F. P. Electrical heating unit. 2,752,474, 6-26-56, Cl. 219—20.
- Stepan Chemical Co., The: See—
- Sullivan, Vincent A., and Ptasiński. 2,768,957.
- Stepath, Myron D. Cutting and gouging torches and electrodes therefor. 2,751,482, 6-19-56, Cl. 219—15.
- Stephan, Hallis N., to The New Britain Machine Co. Tool spindle mechanism. 2,749,866, 6-12-56, Cl. 90—11.
- Stephan, Hallis N., to The New Britain Machine Co. Horizontal boring, drilling and milling machine. 2,757,579, 8-7-56, Cl. 90—16.
- Stephan, Hallis N., to The New Britain Machine Co. Combined horizontal boring, drilling and milling machine. 2,755,139, 12-25-56, Cl. 74—221.
- Stephan, Joseph, to T. Macklin. Furnace for treatment of pulverized ores. 2,743,100, 4-24-56, Cl. 266—20.
- Stephano Bros.: See—
- Brightwell, Robert R. 2,758,517.
- Stephan, A., u. Sohne: See—
- Reidenbach, Fritz. 2,749,681.
- Stephan, Alexander M. M., to Imperial Chemical Industries Ltd. Screening. 2,732,942, 1-31-56, Cl. 209—323.
- Stephens-Adamson Mfg. Co.: See—
- Chisholm, Effie. 2,757,388.
- Kendall, Myron A., and Sindén. 2,756,686.
- Landrey, Francis X. Re. 24,113.
- Stephens, Andrew K., and L. A. Dubreuil, to G. F. Stephens and Co. Ltd. Apparatus for applying parallel lines of paint to a paper sheet. 2,757,636, 8-7-56, Cl. 118—410.
- Stephens, Carroll N.: See—
- Ford, Edward R. 2,731,059.
- Stephens, Claude C., to Westinghouse Electric Corp. Electric motor control system for tensioning material. 2,757,325, 7-31-56, Cl. 318—6.
- Stephens, David D., to Metal Fabricators & Finishers, Inc. Binder for magazines and the like. 2,735,433, 2-21-56, Cl. 129—38.
- Stephens, Edward J.: See—
- Legge, Elmer E., and Stephens. 2,775,118.
- Stephens, G. F., and Co. Ltd.: See—
- Stephens, Andrew K., and Dubreuil. 2,757,636.
- Stephens, George R. D. Cigarette holder and ash tray. 2,762,377, 9-11-56, Cl. 131—241.
- Stephens, Herbert R., G. H. Tucker, and W. A. Martin, to Canadian Industries (1954) Ltd. Mechanical screener. 2,737,296, 3-6-56, Cl. 269—283.
- Stephens, James O.: See—
- Stamm, John J., and Stephens. 2,768,496.
- Stephens, John H., to Universal Oil Products Co. Solvent extraction process. 2,773,918, 12-11-56, Cl. 260—674.
- Stephens, Joseph F., J. R. Higgins, K. B. Tibbcock, and G. W. Kerr, to Gustin-Bacon Mfg. Co. Mat winding machine. 2,742,240, 4-17-56, Cl. 242—55.1.
- Stephens, Joseph F., and K. B. Tibbcock, to Gustin-Bacon Mfg. Co. Premolded self-sustaining automobile headliner with air-conditioning ducts. 2,768,026, 10-23-56, Cl. 296—137.
- Stephens, Robert E.: See—
- Goebel, Robert S., Myers, and Stephens. 2,760,654.
- Stephens, Verlin C.: See—
- Murphy, Hubert W., and Stephens. 2,742,460.
- Stephens, William E.: See—
- Zogg, Alvin A., and Stephens. 2,735,198.
- Stephenson, Donald H.: See—
- Jenny, Alfred L., and Stephenson. 2,749,487.
- Stephenson, Geoffrey H., to Electric & Musical Industries Ltd. Electric servomotor system. 2,766,412, 10-9-56, Cl. 318—28.
- Stephenson, Henry R., and D. E. Gommel, to Borg-Warner Corp. Saw chain and tooth therefor. 2,744,548, 5-8-56, Cl. 143—135.
- Stephenson, Hjalmer. Harrow hitch. 2,750,724, 6-19-56, Cl. 55—93.
- Stephenson, Jake M., to J. C. Koetting. Code marking device for wagon wheels. 2,773,257, 2-28-56, Cl. 101—8.
- Stephenson, Robert A., to Power Jets (Research and Development) Ltd. Profile copying machines. 2,753,764, 7-10-56, Cl. 90—13.
- Stephenson, Robert P. Reinforced case. 2,771,235, 11-20-56, Cl. 229—23.
- Sterental, Volf. Melting, remelting and recovering of aluminum and its alloys. 2,768,075, 10-23-56, Cl. 75—68.
- Sterick, Harrison D.: See—
- Schmertz, William E., and Sterick. 2,743,493.
- Sterick, Harrison D. Inkjet mold insert and method of making the same. 2,763,906, 9-25-56, Cl. 122—139.
- Sterilon Corp.: See—
- Evans, Robert P. 2,763,266.
- Sterkel, Jacob. V-belt sheave. 2,733,612, 2-7-56, Cl. 74—230.5.
- Sterlin, Aaron, to National Aluminate Corp. Glyoxalidine salts of long chain dicarboxylic acids. 2,773,879, 12-11-56, Cl. 260—309.6.
- Sterling Aluminum Products, Inc.: See—
- Peterson, William F. 2,737,426.
- Venner, William M., Bowser, and Peterson. 2,737,427.
- Venner, William M., Bowser, and Peterson. 2,737,428.
- Wainwright, William N., Venner, and Bowser. 2,771,328.
- Sterling Drug Inc.: See—
- Alford, Charles E., and Hinkel. 2,755,220.
- Archer, Sydney. 2,745,829.
- Archer, Sydney. 2,763,659.
- Archer, Sydney. 2,763,662.
- Archer, Sydney, and Auerbach. 2,775,598.
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- Barton, Daniel M., and Schoeffel. 2,774,666.
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- Cutler, Royal A., and Suter. 2,759,971.
- Elpern, Bill. 2,750,393.
- Elpern, Bill. 2,773,870.
- Elpern, Bill. 2,773,876.
- Feldkamp, Willard R. 2,760,965.
- Hunter, William T., and Buck. 2,734,920.
- Lakso, Eino E. 2,760,630.
- Larsen, Aubrey A., and Tullar. 2,773,901.
- Lucas, Philip. 2,741,619.
- Moordian, Aram. 2,758,851.
- Ruddy, Arlo W. 2,769,812.
- Schoeffel, Eugene W. 2,750,290.
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- Steck, Edgar A. 2,758,997.
- Steck, Edgar A. 2,762,806.
- Steck, Edgar A. 2,762,807.
- Steck, Edgar A. 2,762,808.
- Steck, Edgar A. 2,762,809.
- Surrey, Alexander R. 2,732,402.
- Surrey, Alexander R. 2,732,403.
- Surrey, Alexander R. 2,760,971.
- Surrey, Alexander R. 2,771,468.
- Suter, Chester M. 2,745,836.
- Suter, Chester M. 2,759,927.
- Suter, Chester M. 2,759,970.
- Suter, Chester M. 2,759,972.
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- Sterling Electric Motors, Inc.: See—
- Eastman, John R. 2,772,929.
- Sterling, James R. Tethered model plane. 2,739,416, 3-27-56, Cl. 46—77.
- Sterling, John D., to E. I. du Pont de Nemours & Co. Process for brominating halogenated methanes. 2,729,687, 1-3-56, Cl. 260—653.
- Sterling, John D., Jr.: See—
- Barringer, Charles M., Harvey, Quattlebaum, and Sterling. 2,769,989.
- Sterling, Philip: See—
- Ayers, Fred L. 2,765,758.
- Sterling, Robert W., to Sperry Rand Corp. High frequency tube structure. 2,750,531, 6-12-56, Cl. 315—5.
- Stern, Alfred: See—
- Harwin, Dixon R., Stern, and Bodle. 2,740,739.
- Stern, Charles. Method for producing time-indicating elements. 2,761,198, 9-4-56, Cl. 29—17.
- Stern, Durr. Locking means for cam operated chasers. 2,774,083, 12-18-56, Cl. 10—122.
- Stern, Joshua. Code matching systems. 2,762,566, 9-11-56, Cl. 235—61.7.
- Stern, Lester. Knitted sock. 2,739,467, 3-27-56, Cl. 66—185.
- Stern, Robert G., to Curtiss-Wright Corp. Aircraft training apparatus for simulating landing and related maneuvers. 2,731,737, 1-24-56, Cl. 35—12.



- Stern, Robert G., and D. W. Simpson, to Curtiss-Wright Corp. Simulated water injection system. 2,770,054, 11-13-56, Cl. 35-12.
- Stern, Robert M.: *See—*  
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- Stern, Rudolph T.: *See—*  
Rovold, Svend M., and Stern. 2,755,606.
- Stern, Sidney G., and J. C. Clarke. Long wave radiometer. 2,768,527, 10-30-56, Cl. 73-170.
- Stern, William, to Illinois Tool Works. Nut and washer assembly machine. 2,752,618, 7-3-56, Cl. 10-155.
- Stern, William, to Illinois Tool Works. Saw tooth construction and method of making the same. 2,768,423, 10-30-56, Cl. 29-95.
- Sternmann, Edward C. Device for removing liquids from different levels in tanks. 2,762,511, 9-11-56, Cl. 210-55.
- Sternau, Martin M. Closure for receptacles. 2,756,921, 12-1-56, Cl. 229-43.
- Sternbeck, Olof, to Telefonaktiebolaget L M Ericsson. Electron valve. 2,755,412, 7-17-56, Cl. 315-14.
- Sternbergh, David. Toe brake for roller skates. 2,744,759, 5-8-56, Cl. 280-11.2.
- Sternburgh, Charles E. Circuit disconnecter for motor vehicle. 2,763,746, 11-18-56, Cl. 200-61.52.
- Sterne, Rita C.: *See—*  
Taylor, Norman J., and Bright. 2,770,807.
- Sterner, Frank W., W. J., Jr., and L. C. Wollenhaupt; said W. J., Jr., and L. C. Wollenhaupt, assns. to said Sterner. Sequence presentation device. 2,733,923, 2-7-56, Cl. 327-102.2.
- Sterner, Melvin F.: *See—*  
Kittler, Milton J., Sterner, and Smitley. 2,745,645.  
Smitley, Marion L., and Sterner. 2,766,024.
- Sterner, Melvin F., to Holley Carburetor Co. Ignition device. 2,769,336, 11-6-56, Cl. 123-117.
- Sternersen, Sten S., to Allis-Chalmers Mfg. Co. Tap changer having cylinder to cylinder contact. 2,760,017, 8-21-56, Cl. 200-11.
- Sternglass, Ernest J., to Westinghouse Electric Corp. Color television. 2,760,107, 8-21-56, Cl. 315-12.
- Sternick, Sidney, I. D. Kruger, and L. Jacobs, to the United States of America as represented by the Secretary of the Air Force. Resilient bolt retainer. 2,761,484, 9-4-56, Cl. 151-69.
- Sternlicht, Larry. Shock shield cushion for baseball gloves. 2,736,024, 7-5-56, Cl. 2-19.
- Sterling, Charles V.: *See—*  
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- Sterns, Lorraine E., to Whittington Pump & Engineering Corp. Portable leak tester. 2,748,598, 6-5-56, Cl. 73-40.
- Sterns Magnetic Inc.: *See—*  
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- Stertzler, John W.: *See—*  
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- Sterzer, Walter G.: *See—*  
Werner, Frank R., and Sterzer. 2,759,667.
- Stetson, Ershell I. Door and closer assembly. 2,769,213, 11-6-56, Cl. 20-16.
- Stetson, John B., Co.: *See—*  
Rafferty, George T. 2,746,056.
- Stetter, Grant, to Coverbond Corp. Masonry building wall. 2,748,593, 6-5-56, Cl. 72-32.
- Stettler, Harry L., Jr.: *See—*  
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- Stetz, Robert J., and E. Rogers, to The Engine Parts Mfg. Co. Metallic paint. 2,731,436, 1-17-56, Cl. 260-33.6.
- Steube, Harry C.: *See—*  
Whildin, Orvilla M., and Steube. 2,759,057.
- Steven, George: *See—*  
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- Steven, George, to Worthington Corp. Air operated engagement means for impulse coupled magnetos. 2,773,493, 12-11-56, Cl. 123-179.
- Steven, Steven J. Swallowproof safety pin. 2,731,692, 1-24-56, Cl. 24-157.
- Stevens, Arthur M., to The Barkeley Electric Mfg. Co. Rotary switch. 2,771,520, 11-20-56, Cl. 200-15.
- Stevens, Brooks, Jr., to Ames Textile Corp. Sewing machine for tubular fabrics. 2,760,709, 10-16-56, Cl. 112-63.
- Stevens, Charles B., to Chicago Railway Equipment Co. Railway brake beam. 2,753,960, 7-10-56, Cl. 188-223.1.
- Stevens, Charles E., Jr., to Fairchild Engine and Airplane Corp. Construction of bimetallic articles. 2,756,488, 7-31-56, Cl. 29-183.5.
- Stevens, Charles H., Jr., to Whitney Blake Co. Cable connector. 2,742,622, 4-17-56, Cl. 339-60.
- Stevens, Charles H., Jr., to Whitney Blake Co. Electrical plug and socket assembly. 2,742,624, 4-17-56, Cl. 339-125.
- Stevens, Chester U.: *See—*  
Pigree, Raymond A., and Stevens. 2,750,306.  
Pigree, Raymond A., and Stevens. 2,750,389.
- Stevens, Clarence C.: *See—*  
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- Stevens, Cyril J., and S. Butler, to B. F. Perkins & Son, Inc. Apparatus for heating a thermoplastic web and feeding it to an embossing means. 2,753,591, 7-10-56, Cl. 18-1.
- Stevens, Daniel F. Guide for winding a strand on a spool, bobbin and the like. 2,740,594, 4-3-56, Cl. 242-158.
- Stevens, Dillon: *See—*  
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Rice, Henry T. M., and Stevens. 2,750,020.
- Stevens, Dillon, H. T. M. Rice, and R. T. Stevens; said Rice and said R. T. Stevens, asso. to said D. Stevens. Releaseable torque transmitting apparatus. 2,741,352, 4-10-56, Cl. 192-56.
- Stevens, Donald G., to The Standard Oil Co. Multiple compartment tank. 2,758,747, 8-14-56, Cl. 220-63.
- Stevens, Donald R.: *See—*  
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- Stevens, Donald R., and E. L. Fareri, to Gulf Research & Development Co. Stable fuel oil compositions. 2,760,852, 8-28-56, Cl. 44-78.
- Stevens, Donna: *See—*  
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- Stevens, Flay B., and M. W. Williams. Circulating tobacco curer. 2,752,096, 6-26-56, Cl. 237-53.
- Stevens, Frank L., to W. F. Webster Cement Co. Method for dispensing and applying highly viscous cements. 2,769,379, 11-6-56, Cl. 15-50.
- Stevens, Frank L., to W. F. Webster Cement Co. Dispenser for tile laying cement and similar materials. 2,769,576, 11-6-56, Cl. 222-80.
- Stevens, Franklin E., Jr., and R. A. Holmes, to Olin Mathieson Chemical Corp. Dry cell structure and method for making same. 2,736,746, 10-9-56, Cl. 136-153.
- Stevens, George J., to Armco Steel Corp. Wire finishing apparatus. 2,750,853, 6-19-56, Cl. 90-33.
- Stevens, Geo., Mfg. Co.: *See—*  
Gersch, Adolph E. 2,749,041.
- Stevens, Harold E.: *See—*  
Bird, James R., Stevens, and Frederico. 2,752,572.
- Stevens, Henry C., A. J. Kaman, and J. W. Sellers, to Columbia-Southern Chemical Corp. Production of chloral. 2,759,978, 8-21-56, Cl. 280-601.
- Stevens, J. P., & Co., Inc.: *See—*  
Brodie, John S. 2,763,819.  
Brodie, Edna S. 2,772,425.
- Stevens, Jerome W. Two piece nut having tensioning and camming locking features. 2,734,544, 2-14-56, Cl. 151-19.
- Stevens, Jesse W., and D. E. Pritchett, to Sunlight Growers, Inc. Cloud stabilization of citrus juice products. 2,764,486, 9-25-56, Cl. 99-73.
- Stevens, John C.: *See—*  
Range, Arthur L., Stevens, and Leupold. 2,730,709.
- Stevens, John C., to Leupold & Stevens Instruments, Inc. Liquid level indicating apparatus. 2,770,133, 11-13-56, Cl. 318-308.
- Stevens, Joseph H., and L. A. Hager, Jr., to C. Hager & Sons Hinge Mfg. Co. Storm window brackets. 2,760,805, 8-28-56, Cl. 292-265.
- Stevens, Justus B., to Sealor Corp. Seal construction. 2,743,121, 4-24-56, Cl. 286-11.
- Stevens, Justus B., to Sealor Corp. Sealing means for two relatively rotatable parts. 2,754,140, 7-10-56, Cl. 286-11.14.
- Stevens Mfg. Co., Inc.: *See—*  
Manecke, Siegfried E. 2,759,068.  
Mertler, Charles S. 2,743,421.  
Mertler, Charles S. 2,753,421.  
Mertler, Charles S. 2,753,422.  
Mertler, Charles S. 2,753,437.
- Stevens, Milburn G.: *See—*  
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- Stevens, Philip G., to General Electric Filter Corp. Synthesis of pyridoxine. 2,734,063, 2-7-56, Cl. 260-293.5.
- Stevens, Ralph R.: *See—*  
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- Stevens, Raymond K. P.: *See—*  
Cox, Martin, and Stevens. 2,747,843.
- Stevens, Richard H.: *See—*  
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- Stevens, Robert, to Wiesner-Rapp Co., Inc. Assembling device. 2,736,087, 2-28-56, Cl. 29-205.
- Stevens, Robert T.: *See—*  
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Rice, Henry T. M., and Stevens. 2,750,020.
- Stevens, Dillon, Rice, and Stevens. 2,741,352.
- Stevens, Samuel N., to The Timken Roller Bearing Co. Apparatus for handling and inspecting roller like objects. 2,738,197, 8-13-56, Cl. 279-3.
- Stevens, W. D. Duckett, and R. C. J. Allen, to Westinghouse Brake and Signal Co. Ltd. Regulating apparatus for alternating electric current supply systems. 2,742,579, 4-17-56, Cl. 307-58.
- Stevens, William A. Protective trim for automobile doors. 2,738,097, 8-13-56, Cl. 296-44.
- Stevens, William H., to E. I. du Pont de Nemours and Co. Process of web drying. 2,746,166, 5-22-56, Cl. 34-41.
- Stevenson, Allan B., to American Siskraft Corp. String. 2,733,178, 1-31-56, Cl. 154-53.5.
- Stevenson, Arthur C., to E. I. du Pont de Nemours and Co. Production of copper phthalocyanine precursor. 2,772,283, 11-27-56, Cl. 231-14.5.
- Stevenson, Benjamin D. Clutch actuator trip. 2,738,047, 8-13-56, Cl. 192-62.
- Stevenson, Benjamin D. Clutch actuator trip. 2,742,990, 4-24-56, Cl. 192-62.
- Stevenson, Charles B., and J. A. Hodges, to H. R. Pauley. Machine for filleting fish. 2,738,544, 3-20-56, Cl. 17-4.
- Stevenson, Charles B., and J. A. Hodges, to H. R. Pauley. Machine for skinning fish. 2,738,545, 3-20-56, Cl. 17-4.
- Stevenson, Evan H., J. W. Ramore, and G. J. Hughes, to Graham and Barker. Washing machine. 2,770,961, 11-20-56, Cl. 68-21.

- Stevenson, Herbert A.: *See*—  
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- Stevenson, John M.: Internal alignment pipe clamps. 2,741,206, 4-10-56, Cl. 13-103.
- Stevenson, John M.: Wire stretcher. 2,772,070, 11-27-56, Cl. 254-65.
- Stevenson, Louis A., Jr., to Sylvania Electric Products Inc.: Magnetron heater circuit. 2,748,316, 5-29-56, Cl. 315-106.
- Stevenson, Re-ion, to the United States of America as represented by the Secretary of War: Method of dispersing vaporized diphenylchlorarsine. 2,730,482, 4-10-56, Cl. 167-47.
- Stevenson, Robert, to Anco, Inc.: Automatic air bleeder valve for hydraulic system. 2,729,228, 1-3-56, Cl. 137-199.
- Stevenson, Robert, to Anco, Inc.: Surge valve. 2,729,234, 1-3-56, Cl. 137-498.
- Stevenson, Robert, to Anco, Inc.: Gage dampening valve. 2,729,235, 1-3-56, Cl. 137-498.
- Stevenson, Robert, to Anco, Inc.: Spring loaded dual type relief valve. 2,731,035, 1-17-56, Cl. 137-512.1.
- Stevenson, Robert, to Anco, Inc.: Hydro-electric switch. 2,732,450, 1-24-56, Cl. 200-82.
- Stevenson, Robert, to Anco, Inc.: Hydraulic pressure relief valve. 2,744,538, 5-8-56, Cl. 137-490.
- Stevenson, Robert, to Anco, Inc.: Four way balanced pressure valve. 2,745,434, 5-15-56, Cl. 137-625.43.
- Stevenson, Robert, to Anco, Inc.: Hydraulic break fuse requiring reset. 2,750,956, 6-19-56, Cl. 137-460.
- Stevenson, Robert, to Anco, Inc.: Fluid seal. 2,752,177, 6-26-56, Cl. 286-11.15.
- Stevenson, Robert, to Magnetic Seal Corp.: Hydraulically operated valve device. 2,753,414, 7-3-56, Cl. 200-82.
- Stevenson, Roland T.: Carrying pack. 2,764,327, 9-25-56, Cl. 224-8.
- Stevenson, Warren H.: *See*—  
Graybeal, Paul E., and Stevenson. 2,767,170.
- Hund, Frank C.: 2,755,933.
- Hund, Frank C.: 2,756,682.
- Stevenson, Wilbur W.: Fluid meter. 2,747,403, 5-29-56, Cl. 73-203.
- Stevenson, William N., to American Sisakraft Corp.: Manufacture of reinforced paper and product. 2,739,090, 3-20-56, Cl. 154-93.
- Stevensons (Dyers) Ltd.: *See*—  
Fell, Eric T.: 2,739,034.
- Steverlynck, Baldevijn, to Groeninghe Verwerf P. V. B. A.: Apparatus for the treatment of textile materials at elevated temperatures. Re. 24,109, 1-10-56, Cl. 68-184.
- Stevinson, Harry T., to the National Research Council: Parachute with rotating canopy. 2,770,432, 11-13-56, Cl. 244-145.
- Stevinson, Melvin R.: *See*—  
Nawiasky, Paul, Stevinson, and Werner. 2,742,495.
- Steward, Colby W.: *See*—  
Smith, Thomas R., and Steward. 2,743,530.
- Steward, Colby W., to the Maytag Co.: Control circuit for clothes driers. 2,743,531, 1-13-56, Cl. 34-45.
- Steward, Colby W., to the Maytag Co.: Clothes drier automatic control circuit. 2,743,532, 5-1-56, Cl. 34-45.
- Steward, Frederick C., and S. M. Caplin: Method and compositions for regulating plant growth. 2,736,644, 2-28-56, Cl. 71-2.3.
- Steward, Frederick C., and S. M. Caplin: Compositions and method for regulating plant growth. 2,736,645, 2-28-56, Cl. 71-2.3.
- Steward, Frederick C., and S. M. Caplin: Compositions and methods for stimulating plant growth. 2,763,540, 9-18-56, Cl. 71-2.6.
- Steward, Lewis B.: *See*—  
Jennings, Jo E., and Steward. 2,740,920.
- Jennings, Jo E., and Steward. 2,740,928.
- Jennings, Jo E., and Steward. 2,740,927.
- Steward, Malcolm H.: *See*—  
Suski, Henry M., and Steward. 2,738,797.
- Steward, Alexander E., to Dominion Engineering Works Ltd.: Stock feeding means. 2,749,815, 6-12-56, Cl. 92-44.
- Steward, Charles W.: *See*—  
Resko, Paul V., Steward, and Whitworth. 2,742,106.
- Steward, Clyde, to Collins Radio Co.: Tracking and synchro-rotating mechanism. 2,771,601, 11-20-56, Cl. 343-14.
- Steward, Doane, to the Dow Chemical Co.: Parasiticide composition and method. 2,745,781, 5-15-56, Cl. 167-31.
- Steward, Doane, to the Dow Chemical Co.: Parasiticide composition of reduced phytotoxicity and method. 2,745,782, 5-15-56, Cl. 167-31.
- Steward, Donald J.: Notation damper. 2,734,384, 2-14-56, Cl. 74-5.5.
- Steward, Edward J., to Stewart In-fra-red, Inc.: Apparatus for infra-red cooking. 2,764,664, 9-25-56, Cl. 219-35.
- Stewart, Harold C., and J. E. Holcomb, to General Electric Co.: Structure for reduction of audible sound. 2,731,606, 1-17-56, Cl. 336-65.
- Stewart, Harry A.: Log barker having revolving and rotating spring-pressed edge-spread bark-removing tools. 2,767,750, 10-23-56, Cl. 144-2.
- Stewart, Henderson V., and K. R. Grady: Safety valve lock arrangement. 2,756,724, 7-31-56, Cl. 121-40.
- Stewart, Hugh W., to American Cyanamid Co.: Laboratory safety shield. 2,772,450, 12-4-56, Cl. 20-53.
- Stewart, Hugh W., to American Cyanamid Co.: Preparation of 2,2'-methylene-bis-4,6-dialkyl phenols. 2,773,100, 12-4-56, Cl. 260-619.
- Stewart, Ian F., and J. B. Seed, to Imperial Chemical Industries Ltd.: Process and device for converting a continuous tow of artificial filaments into a silver comprising staple lengths. 2,748,427, 6-5-56, Cl. 19-48.
- Stewart In-fra-red, Inc.: *See*—  
Stewart, Edward J.: 2,764,664.
- Stewart, James R.: Defensive weapon. 2,741,025, 4-10-56, Cl. 30-151.
- Stewart, James W., to Marbill Co.: Vacuum press for boot and shoe manufacture. 2,771,619, 11-27-56, Cl. 12-1.
- Stewart, John, to A. C. E. Machinery Ltd.: Winches. 2,744,637, 5-8-56, Cl. 212-61.
- Stewart, John, to Ferranti Ltd.: Navigational computers. 2,757,863, 5-8-56, Cl. 235-61.
- Stewart, John W., to Phillips Petroleum Co.: Halogenated sulfonic acid derivatives and process for preparing same. 2,743,290, 4-24-56, Cl. 260-433.
- Stewart, John W., to Phillips Petroleum Co.: Producing a bis( $\beta$ -halo)disulfide. 2,774,794, 12-18-56, Cl. 260-608.
- Stewart, John W., to Monsanto Chemical Co.: Novel compositions and treatment of textile materials. 2,755,198, 7-17-56, Cl. 117-10.
- Stewart, Joseph: *See*—  
Dunkel, Walter L., McAteer, and Stewart. 2,772,219.
- Staib, John H., and Stewart. 2,738,370.
- Stewart, Joseph, S. C. Fulton, and A. W. Langer, Jr., to Esso Research and Engineering Co.: Recovery of oil from bituminous sands. 2,772,309, 11-27-56, Cl. 196-14.
- Stewart, Joseph, R. M. Hill, and A. W. Langer, Jr., to Esso Research and Engineering Co.: Reacting heavy residual fuel with hydrogen donor diluents. 2,772,221, 11-27-56, Cl. 196-50.
- Stewart, Joseph, and G. G. Wanless, to Esso Research and Engineering Co.: Process for cracking gas oils to gasoline. 2,772,222, 11-27-56, Cl. 196-50.
- Stewart, Leonard C., to D. W. Henry. Timers. 2,745,918, 5-15-56, Cl. 200-36.
- Stewart, Leonard D., to North American Milk Industries, Inc.: Process of treating and canning a beverage. 2,761,780, 9-4-56, Cl. 99-54.
- Stewart, Meredith M.: *See*—  
Anderson, Victor J., Stewart, and Morrow. 2,755,228.
- Anhorr, Victor J., Stewart, and Morrow. 2,758,958.
- Stewart, Milas W.: Pipe holder. 2,767,947, 10-23-56, Cl. 248-55.
- Stewart, Robert H., Jr.: *See*—  
Galbreath, Richard B., and Stewart. 2,739,104.
- Stewart, Ronald B., and R. G. Dennys, to A. V. Roe Canada Ltd.: Withdrawal or venting system for tanks containing liquids. 2,774,365, 12-18-56, Cl. 137-44.
- Stewart, S. Grant: *See*—  
Quigg, Donald J., Scarth, and Stewart. 2,739,877.
- Stewart-Warner Corp.: *See*—  
Allen, Arthur C.: 2,737,813.
- Allen, Arthur C.: 2,740,882.
- Baker, Charles R., and Penttinen. 2,753,950.
- Bystrycky, Joseph C.: 2,772,750.
- Bystrycky, Joseph C., and Luna. 2,766,848.
- Dinkelkamp, Henry T.: 2,731,034.
- Dinkelkamp, Henry T.: 2,745,587.
- Dinkelkamp, Henry T.: 2,758,682.
- Dinkelkamp, Henry T.: 2,765,804.
- Dinkelkamp, Henry T., and Feicht. 2,740,384.
- Fairbanks, Gordon J.: 2,757,270.
- Flour, William.: 2,774,052.
- Geisler, Henry A.: 2,743,997.
- Geisler, Henry A., and Queisser. 2,746,245.
- Gross, Irving A.: 2,760,056.
- Gross, Irving A.: 2,760,058.
- Kamm, Wunibald I. E., Krautter, and Staiger. 2,746,529.
- Lansky, Zdenek J.: 2,754,685.
- Paradise, Francis C.: 2,732,171.
- Paradise, Francis C.: 2,763,513.
- Peterson, David C.: 2,773,684.
- Peterson, David C., and Bystrycky. 2,742,078.
- Petroff, Merlin O.: 2,754,679.
- Petroff, Merlin O., and Bjorn. 2,773,238.
- Pottoff, Donald A., and Geisler. 2,759,802.
- Quinn, Bernard O.: 2,762,923.
- Rower, Henry C.: 2,770,700.
- Ryder, Frank A.: 2,754,816.
- Ryder, Frank A.: 2,764,972.
- Schmid, Walter.: 2,734,666.
- Tear, Harry R.: 2,753,419.
- Tear, Harry R.: 2,753,953.
- Wargo, Peter.: 2,754,436.
- Wendell, Samuel I.: 2,755,794.
- Stewart, Warren A., to Pennsylvania Pump & Compressor Co.: Two stage compressor. 2,755,976, 10-9-56, Cl. 230-182.
- Stewart, William D., and J. B. Hoertz, to The B. F. Goodrich Co.: Colloidal dispersions of heavy metal compounds. 2,768,958, 10-30-56, Cl. 252-313.
- Stewart, William L.: Portable refrigerator. 2,734,351, 2-14-56, Cl. 62-116.
- Stewarts & Lloyds Ltd.: *See*—  
Akeroyd, Ewart I.: 2,754,261.
- McLay, Gavin S.: 2,773,199.
- McLay, Gavin S.: 2,768,541.
- Townend, Frank S.: 2,731,413.
- Williams, Thomas H., and Solt. 2,758,968.
- Steyer, Friedrich W. M., to A. O. Meyer: Electro metal spraying pistol. 2,749,176, 6-5-56, Cl. 299-28.8.



- Steyer, Hans K. F.: *See—*  
Kieckritz, Hans M., Steyer, Kronauer, and Baumann. 2,741,422.
- Stibbe, G., & Co., Ltd.: *See—*  
Burdett, Henry S. 2,759,342.  
West, Bertram H. 2,744,399.
- Stibitz, George R.: Electronic computer for multiplication. 2,742,037, 5-56, Cl. 2135-61.
- Stibitz, George R.: Function unit. 2,770,145, 11-13-56, Cl. 74-393.
- Stibitz, George R.: Wave form generator. 2,770,995, 11-20-56, Cl. 84-128.
- Stickel, Carl A., to General Motors Corp.: Combined motor and brake control. 2,758,684, 8-14-56, Cl. 192-3.
- Stickelber & Sons, Inc.: *See—*  
Kieffaber, Clarence A. 2,738,912.
- Stickland, Frank S., to J. Stone & Co. (Deptford) Ltd.: Cooling arrangements using eutectic solutions. 2,769,810, 11-6-56, Cl. 62-2.
- Stickles, Donald C., to Victory Plastics Co.: Laminated protective material. 2,744,846, 5-8-56, Cl. 154-52.5.
- Stickley, John C.: Inflated suspended dancing toy. 2,753,658, 7-10-56, Cl. 46-88.
- Stickney, Michael E.: *See—*  
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- Stickney, Palmer B.: *See—*  
Heilgmann, Randall G., and Stickney. 2,758,107.  
Heilgmann, Randall G., and Stickney. 2,765,297.
- Stidman, Albert D.: Traller steering apparatus. 2,733,932, 2-7-58, Cl. 290-103.
- Stiel, Theodor.: Water mixing unit. 2,775,259, 12-25-56, Cl. 137-599.1.
- Stiebel, Theodor H.: Immersion heater. 2,732,478, 1-24-56, Cl. 219-41.
- Stiebling, Edward.: *See—*  
Luben, Robert, and Stiebling. 2,746,983.
- Stieff, Mary A., to Eli Lilly and Co.: Erythromycin-penicillin. 2,743,268, 4-24-56, Cl. 260-210.
- Stieffell, Ray H., Jr.: Shock absorption mechanism for fire arms. 2,754,608, 7-17-56, Cl. 42-74.
- Stieffeler, Arthur E., to Kawneer Co.: Frame and sash construction. 2,765,057, 10-2-56, Cl. 189-75.
- Stiefvater, Charles M.: Lateral surgical position attachment. 2,743,975, 5-1-56, Cl. 311-10.
- Stiegel, Harry L.: Load stop for railroad cars. 2,764,105, 8-1-56, Cl. 105-369.
- Stiegler, Harold W.: Apparatus for testing fabric. 2,749,740, 6-12-56, Cl. 73-7.
- Stieglitz, Henry M., to Frank Adam Electric Co.: Panelboard cabinet door latch. 2,757,032, 7-31-56, Cl. 292-34.
- Stieglitz, Henry M., to Frank Adam Electric Co.: Switch-operating mechanism. 2,757,248, 7-31-56, Cl. 200-50.
- Stieglitz, Hermann W.: *See—*  
Moore, Charles D., and Stieglitz. 2,770,709.
- Stieh, William M., to William M. Stieh & Co., Inc.: Method of applying metal and metal vapor decontaminants. 2,774,756, 12-18-56, Cl. 252-192.
- Stieh, William M., & Co., Inc.: *See—*  
Stieh, William M. 2,774,736.
- Stiehl, Robert D., and A. P. Gregg, to the United States of America as represented by the Secretary of Commerce: Tire tester. 2,766,018, 10-16-56, Cl. 73-146.
- Stienhauf, Friedrich P., to Esso Research and Engineering Co.: Method for inhibiting corrosion. 2,750,339, 6-12-56, Cl. 252-8.55.
- Stier, Reinhardt.: *See—*  
Knolle, Wilhelm, Lentz, Lanig, and Stier. 2,742,025.
- Stiers, Sidney S.: Shield for engine mufflers attached with sawing machines. 2,737,774, 3-13-56, Cl. 60-31.
- Stiffler, Ralph N.: *See—*  
Koons, David R. 2,761,660.
- Stigler, Joseph T., to The Pfaunder Co.: No-can no-fill mechanism for filling machines. 2,759,649, 8-21-56, Cl. 226-97.
- Stiglin, Vincent.: Grease maintaining belt. 2,766,459, 10-16-56, Cl. 2-339.
- Stiglitz, Florence A.: Device for making coffee. 2,742,849, 4-24-56, Cl. 99-299.
- Stilbert, Elmer K., Jr., I. J. Cummings, and J. P. Talley, to The Dow Chemical Co.: Fire retarding coating composition. 2,752,260, 7-17-56, Cl. 260-174.
- Stiles, Clarence B., to Sylvania Electric Products Inc.: Electroluminescent lamp. 2,755,400, 7-17-56, Cl. 313-15.
- Stiles, John W.: Conveying apparatus. 2,744,610, 5-8-56, Cl. 198-32.
- Stiles, Le Conie.: Art of sheeting dough. 2,735,379, 2-21-56, Cl. 107-12.
- Stiles, Le Conie.: Method and apparatus for making butterhorns. 2,742,868, 4-24-56, Cl. 107-9.
- Stiles, Richard C.: *See—*  
Johnston, Leith, McCreary, and Stiles. 2,770,675.
- Stiles, Samuel R., to The M. W. Kellogg Co.: Separation of ethylene from a gaseous mixture. 2,769,321, 11-6-56, Cl. 62-175.5.
- Stillebroer, Cornelis, and J. L. van der Minne, to Shell Development Co.: Lubricating compositions. 2,744,870, 5-8-56, Cl. 252-33.6.
- Still, Benjamin.: Self-closing container. Re. 24,166, 6-12-56, Cl. 150-37.
- Stillman, Jerome, to International Telephone and Telegraph Corp.: Automatic tuner. 2,745,015, 5-8-56, Cl. 250-40.
- Stillman, Nathan.: *See—*  
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- Stillman Rubber Co.: *See—*  
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- Stillwagon, Crawford K.: Disc valve. 2,740,423, 4-3-56, Cl. 137-453.2.
- Stillwell, Charles E.: C-washer removing pliers. 2,737,837, 3-13-56, Cl. 81-15.
- Stillwell, Peter F. T. C.: *See—*  
James, Ivanhoe J. P., and Stillwell. 2,740,918.  
Lubyszynski, Hans G., and Stillwell. 2,753,483.  
Erbe, L. C., and Stillwell. 2,752,433.
- Stillwell, Peter F. T. C., to Electric & Musical Industries Ltd.: Non-linear automatic contrast control circuit for video amplifier. 2,761,919, 9-4-56, Cl. 179-171.
- Stilmar, Frederic B., to E. I. du Pont de Nemours and Co.: Polysulfane bis-chloroformates. 2,757,191, 7-31-56, Cl. 260-463.
- Stilwagen, David.: *See—*  
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- Stilwell, George R.: *See—*  
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Reynolds, Frederick W., and Stilwell. 2,734,478.
- Stilwell, Glenn E.: *See—*  
Thornton, Garo E., Verinder, Stilwell, McGrath, and Richards. 2,759,590.
- Stilwell, Malcolm P.: *See—*  
Rising, Bill W., and Stilwell. 2,742,684.
- Stilwell, Robert E., to Food Machinery and Chemical Corp.: Automatic liquid drain valve. 2,768,639, 10-30-56, Cl. 137-107.
- Stimetz, Joseph M., and R. McClure, to General Motors Corp.: Vehicle door hinge and cam. 2,775,478, 12-25-56, Cl. 296-3.
- Stimmel, R. P.: *See—*  
McMeans, Sidney A. 2,733,475.  
Stimpson Computing Scale Co.: *See—*  
Wells, John A. 2,750,838.
- Stimpson, Edwin G.: *See—*  
Meyers, Robert P., and Stimpson. 2,762,749.
- Stimpson, Edwin G., and R. Whitaker, to National Dairy Research Laboratories, Inc.: Ice cream concentrate. 2,738,279, 3-13-56, Cl. 99-136.
- Stimpson, Edwin G., and O. E. Stamberg, to National Dairy Research Laboratories, Inc.: Conversion of lactose to glucose, galactose and other sugars in the presence of lactase activators. 2,749,242, 6-5-56, Cl. 99-55.
- Stimpson, Edwin G., and H. A. Trebler, to National Dairy Research Laboratories, Inc.: Aerating method and apparatus. 2,750,328, 6-12-56, Cl. 195-142.
- Stimpson, Robert H., and J. B. Anderson, to H. J. Heinz Co.: Sterilization of canned foods. 2,733,651, 2-7-56, Cl. 99-362.
- Stimpson, William V.: Hay loader. 2,734,646, 2-14-56, Cl. 214-147.
- Stinger, Allen G., K. Brynes, F. B. Jennings, and C. F. Taylor, to General Electric Co.: Exposure meter with asymmetric positive lens. 2,739,506, 3-27-56, Cl. 88-23.
- Stinson, Allen G., K. Brynes, F. B. Jennings, and C. F. Taylor, to General Electric Co.: Exposure meter with incident light attachment. 2,766,054, 10-16-56, Cl. 88-23.
- Stinde, John C.: *See—*  
Gordo, Fred L., and Stinde. 2,744,362.
- Stineheffer, Harold E., to The Western Union Telegraph Co.: Resonant cavity wavemeter. 2,756,389, 7-24-56, Cl. 324-81.
- Stinson, Jacob W., Jr., and S. A. Robinson, to Philco Corp.: Point contact semiconductor device. 2,751,529, 6-19-56, Cl. 317-236.
- Stineman, Russell W., to Boeing Airplane Co.: Protective apparatus for power systems having alternators operating in parallel. 2,732,507, 1-24-56, Cl. 307-57.
- Stineman, Russell W., to Boeing Airplane Co.: Load transfer relays. 2,736,821, 2-28-56, Cl. 307-64.
- Stinger, George W.: *See—*  
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- Stinger, Henry J., to General Mills, Inc.: Variable frequency generating means and motor control. 2,749,491, 6-5-56, Cl. 318-11.
- Stinger, Henry J., to General Mills, Inc.: Vibration tester. 2,754,678, 7-17-56, Cl. 73-70.
- Stinzel, Joseph, to The Ferris Mfg. Co.: Filing cabinet. 2,743,982, 5-1-56, Cl. 312-267.
- Stinzel, Joseph, to The Ferris Mfg. Co.: Rotary card filing cabinet. 2,743,983, 5-1-56, Cl. 312-267.
- Stinnes, Hugo, Verwaltung G. m. b. H.: *See—*  
Reifenhäuser, Hans. 2,764,780.  
Reifenhäuser, Hans. 2,770,837.
- Stinson, James S.: *See—*  
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- Stinson, James S., and R. V. Lawrence, to the United States of America as represented by the Secretary of Agriculture: Production of sym-homopinic acid. 2,765,334, 10-2-56, Cl. 260-514.
- Stinson, John H., Jr., and J. E. Rosander: Pop-up converter kit for underground system fixed sprinkler heads. 2,768,029, 10-23-56, Cl. 299-61.
- Stirn, Frank E., and A. S. Taylor, to American Cyanamid Co.: Capsule forming gelatin film stripping. 2,774,988, 12-25-56, Cl. 18-15.
- Stirn, Frank E., and A. S. Taylor, to American Cyanamid Co.: Method of forming powder-and-liquid filled capsules. 2,775,080, 12-25-56, Cl. 53-26.
- Stirn, Frank E., and A. S. Taylor, to American Cyanamid Co.: High density encapsulation. 2,775,081, 12-25-56, Cl. 53-30.

- Stirn, Frank E., and A. S. Taylor, to American Cyanamid Co. Package forming and filling apparatus. 2,775,083, 12-25-56, Cl. 53-180.
- Stirn, Frank E., and A. S. Taylor, to American Cyanamid Co. Apparatus for filling powder in capsules. 2,775,084, 12-25-56, Cl. 53-182.
- Stirn, Frank E., and A. S. Taylor, to American Cyanamid Co. Gelatin film casting machine. 2,775,257, 12-25-56, Cl. 137-341.
- Stirn, Frank E., and A. S. Taylor, to American Cyanamid Co. Method and apparatus for filling capsules. 2,775,267, 12-25-56, Cl. 141-1.
- Stirn, Frank E., and A. S. Taylor, to American Cyanamid Co. Capsule forming gelatin strip handling. 2,775,447, 12-25-56, Cl. 27-10.
- Stirnemann, Ernst: See—
- Lindemann, Herbert, and Stirnemann. 2,746,088.
- Stirnkorb, John R., to Bendix Aviation Corp. Dosimeter charger. 2,751,544, 9-19-56, Cl. 320-1.
- Stiverson, Robert A.: See—
- Mosher, Ralph E., and Stiverson. 2,744,442.
- Stobb, Anton R., to Harris-Sevold Co. Web support for printing press. 2,764,087, 9-25-56, Cl. 101-181.
- Stober, Leslie V., Dispenser. 2,751,121, 6-19-56, Cl. 222-85.
- Stock, Arthur J. Anti-clogging device. 2,759,614, 8-21-56, Cl. 214-2.
- Stock, Charles S. R., to Girling Ltd. Hydraulic damper with adjustable valves. 2,732,037, 1-24-56, Cl. 188-88.
- Stockard, Ben E. Jr., to Newsum Machine Co., Inc. Knife grinder. 2,754,031, 7-17-56, Cl. 51-92.
- Stockard, John M., to the United States of America as represented by the Secretary of the Navy. Connector. 2,744,484, 5-8-56, Cl. 114-20.
- Stockler, Arthur C., to Radio Corp. of America. Electrical data storage device. 2,741,756, 4-10-56, Cl. 340-173.
- Stockler, Arthur C., to the United States of America as represented by the Secretary of the Air Force. Self-identification radar system. 2,760,187, 8-21-56, Cl. 343-6.
- Stodder, Edward T., to Western Electric Co., Inc. Spraying machine for internal surfaces of hollow articles. 2,730,070, 1-10-56, Cl. 118-318.
- Stockinger, Paul P., to Bendix Aviation Corp. Electronic control circuit for fuel supply to combustion engine. 2,766,584, 10-10-56, Cl. 60-33.28.
- Stockmann, Bernhard C.: See—
- Gruneberg, Willard G. and W. C., and Stockmann. 2,736,936.
- Stockmayer, Hugo P., to Sun Chemical Corp. Printing inks. 2,736,719, 2-28-56, Cl. 260-33.8.
- Stocks, Harlan P.: See—
- Uplinger, Henry P. 2,751,624.
- Stoks, Harry R., T. C. F. Stott, and F. Westcott, to General Motors Corp. Steering and transmission control mechanism. 2,773,399, 12-11-56, Cl. 74-484.
- Stoekton, Jack P., deceased, L. H. Stoekton, executrix, to herself. Cabinet for household refrigerators, etc. 2,761,751, 9-4-56, Cl. 812-274.
- Stoekton, Louise P.: See—
- Stoekton, Jack P. 2,761,751.
- Stoekton, Raymond F. Basket. 2,735,570, 2-21-56, Cl. 220-19.
- Stoddard, Joseph S. Alternate control for plural lateral and rear cultivator attachments. 2,748,681, 6-5-56, Cl. 97-46.45.
- Stoddard, Edgar A., Jr., and S. F. Williams, to American Cyanamid Co. Production of acrylamide. 2,771,490, 11-20-56, Cl. 260-561.
- Stoddard, Edgar S., to General Electric Co. Dishwasher rack. 2,739,025, 3-20-56, Cl. 312-311.
- Stoddard, James V., to the United States of America as represented by the Secretary of War. Radiant energy control system for missile guidance. 2,745,095, 5-8-56, Cl. 343-6.
- Stoddard, William B., Jr., to The Champion Paper and Fibre Co. Wave guide. 2,742,930, 4-24-56, Cl. 138-62.
- Stoddard Aircraft Radio Co., Inc.: See—
- Parker, Alfred T., and Shaw. 2,740,056.
- Radmacher, Donald G. 2,769,909.
- Stodola, Edwin K., to Reeves Instrument Corp. Automatic frequency control system. 2,764,685, 9-25-56, Cl. 250-36.
- Stodola, Frank H.: See—
- Benedict, Robert G., and Stodola. 2,771,397.
- Stoekicht, Wilhelm G. Epicyclic control gear. 2,737,064, 3-8-56, Cl. 74-785.
- Stoekicht, Wilhelm G. Epicyclic speed change and reversing gear. 2,757,515, 8-7-56, Cl. 74-792.
- Stoeklin, Josef, and M. Lura, to Aktiengesellschaft Brown, Boveri & Cie. Disconnectable relay apparatus. 2,771,523, 11-20-56, Cl. 200-500.
- Stoessel, Rudolph R.: See—
- Robert, Alan A., and Stoessel. 2,765,840.
- Stoffa, Andrew. Power swivel. 2,772,074, 11-27-56, Cl. 255-35.
- Stoffel & Cie: See—
- Huber, Walter. 2,752,031.
- Stoffel, Paul J.: See—
- Beaver, David J., Shumard, and Stoffel. 2,730,551.
- Beaver, David J., Shumard, and Stoffel. 2,735,872.
- Beaver, David J., Shumard, and Stoffel. 2,749,314.
- Beaver, David J., and Stoffel. 2,766,219.
- Beaver, David J., Stoffel, and Shumard. 2,730,502.
- Stoffel Seals Corp.: See—
- Orschel, Joseph E. 2,740,654.
- Stogoski, Edna L. Garter construction. 2,733,448, 2-7-56, Cl. 2-313.
- Stohn, Kendall R. Releasable rotary spear. 2,737,410, 3-4-56, Cl. 294-99.
- Stohr, Richard: See—
- Berdelle-Hilge, Philipp, Schreiner, Blessing, and Stöhr. 2,773,454.
- Stokes, Arthur E. Putting target device. 2,737,392, 3-6-56, Cl. 273-177.
- Stokes, Charles A.: See—
- Beck, Curt B., and Stokes. 2,771,347.
- Stokes, F. J., Machine Co.: See—
- Strauss, William. 2,739,349.
- Stokes, Jacob L., and W. W. Osborne, to the United States of America as represented by the Secretary of Agriculture. Selective enrichment medium for salmonella. 2,770,574, 11-13-56, Cl. 195-100.
- Stokes, Jerry C. Heating cylinder for injection molding machines and the like. 2,769,483, 10-16-56, Cl. 18-30.
- Stokes, Joseph L., and H. H. Borchers, to Abtith Power & Paper Co., Ltd. Metering device. 2,756,972, 7-31-56, Cl. 259-37.
- Stokes, Morris A.: See—
- Allen, Disney, and Stokes. 2,729,060.
- Stokes, Roy A. Portable abrasive, containing and feeding apparatus. 2,763,965, 9-25-56, Cl. 51-8.
- Stoklas, Julius R., Jr.: See—
- Relly, Allen F., and Stoklas. 2,734,859.
- Stokvis, Samuel R., Jr.: See—
- Edera, Eugene, and Stokvis. 2,744,423.
- Stokvis, Samuel R., Jr., and E. Edera. Roller device for moving loads. 2,744,758, 5-8-56, Cl. 280-1.
- Stolaresky, Mihail. Brush and supply unit. 2,756,450, 7-31-56, Cl. 15-135.
- Stolberger, Zink Aktiengesellschaft für Bergbau und Huttenbetrieb: See—
- Rehwald, Gerhard, and Mehlbeer. 2,757,872.
- Stolk, Jan: See—
- Edens, Jan W., and Stolk. 2,737,580.
- Stolk, Albert. Self-locking nut having a radially deformed thread portion and method for the production of the same. 2,754,871, 7-17-56, Cl. 151-21.
- Stoll, Arthur, E. Jucker, and A. Lindenmann, to Sandoz A. G. Process for the preparation of alkoxy-tetrahydrofuranes. 2,746,976, 5-22-56, Cl. 260-347.8.
- Stoll, Arthur, and J. P. Bourquin, to Sandoz A. G. Amide-like derivatives of piperidine. 2,748,134, 5-29-56, Cl. 30-40.
- Stoll, Arthur, and J.-P. Bourquin, to Sandoz A. G. Piperidine derivatives. 2,757,175, 7-31-56, Cl. 260-293.4.
- Stoll, Arthur, E. Jucker, and A. Lindenmann, to Sandoz A. G. Process for the production of 2,3,5-trialkoxytetrahydrofuranes. 2,747,773, 12-18-56, Cl. 260-290.
- Stoll, Charles. Furniture construction and method. 2,771,126, 11-20-56, Cl. 155-184.
- Stoll, Charles C.: See—
- Wilckens, Eibe A., and Stoll. 2,760,678.
- Stoll, Gottlieb, and G. Schrag. to Festo-Maschinenfabrik Gottlieb Stoll. Milling machine. 2,751,944, 6-26-56, Cl. 144-134.
- Stoll, Willy, to J. R. Geigy A. G. 1,3,5-Tri lower alkyl-4-aminopyrroles. 2,749,343, 6-5-56, Cl. 260-256.4.
- Stoll, Willy, and E. Schmid, to the Swiss firm J. R. Geigy A. G. 1,3-disubstituted and 1,3,8-trisubstituted-7-carboxyamide xanthines. 2,729,643, 1-3-56, Cl. 260-256.
- Stoll, Willy, and E. Schmid, to J. R. Geigy A. G. Xanthine derivatives. 2,756,229, 7-24-56, Cl. 260-256.
- Stoller, Harvey: See—
- Chaussee, Russel L. and F. P., and Stoller. 2,732,084.
- Stolte, Richard C., to General Motors Corp. Hydraulic power steering in which the power is inversely proportional to vehicle speed. 2,760,590, 8-28-56, Cl. 180-79.2.
- Stolte, Richard C., to General Motors Corp. Intake manifold. 2,761,437, 9-4-56, Cl. 123-127.
- Stoltman, Donald D.: See—
- Edman, Theodore H., and Stoltman. 2,741,465.
- Stoltman, Donald D., to General Motors Corp. Engine starter control apparatus. 2,748,760, 6-5-56, Cl. 123-179.
- Stoltz, Charles E., to Goodman Mfg. Co. Exhaust gas condenser. 2,745,646, 5-15-56, Cl. 261-123.
- Stoltz, Emil M., Jr.: See—
- Metzger, Max C., Long, and Stoltz. 2,743,156.
- Stoltz, George R., to F. Van Dam, and M. A. Picard. Jalousie window construction. 2,731,683, 1-24-56, Cl. 20-42.
- Stolz, Arnold. Pneumatic separators in sheet feeding devices. 2,766,049, 7-24-56, Cl. 271-12.
- Stolzenbach, Robert W., to the United States of America as represented by the Secretary of the Air Force. Wave analyzer. 2,771,581, 11-20-56, Cl. 324-77.
- Stolzenberg, Herman F., to The Merrow Machine Co. Stocking with garter. 2,748,397, 6-5-56, Cl. 2-240.
- Stone, Albert F., and E. A. Hayden. Chain-saw holding claw. 2,747,621, 5-29-56, Cl. 143-32.
- Stone, Albert L., to Esso Research and Engineering Co. Apparatus for handling pipe in a derrick. 2,730,246, 1-10-56, Cl. 214-2.5.
- Stone, Albert L., to Esso Research and Engineering Co. Apparatus for handling pipe in a derrick. 2,735,556, 2-21-56, Cl. 214-2.5.
- Stone, Albert L., and G. E. Daverin, to Humble Oil & Refining Co. Apparatus for handling pipe in a derrick. 2,747,751, 5-29-56, Cl. 214-2.5.
- Stone, Alfred, A. Rosenberg, and J. Hillman. Ladies' foundation garment. 2,757,379, 8-7-56, Cl. 2-43.



- Stone, Ashton K. Sealing and pouring closures. 2,736,469, 2-28-56, Cl. 222-529.
- Stone, Carl R.: *See—*
- Svabek, John E., Jr., Stone, and Schmidt. 2,756,437.
- Stone, Carl R., to Crane Co. Cover for a plumbing fitting or the like. 2,740,130, 4-3-56, Cl. 4-192.
- Stone, Carl R., and E. G. Schmidt, to Crane Co. Diaphragm ballocock. 2,745,428, 5-15-56, Cl. 137-446.
- Stone, Cecil J. Method of manufacturing veneer panels of hick material. 2,739,095, 3-20-56, Cl. 154-116.
- Stone, Charles G. Mechanical shaver. 2,742,694, 4-24-56, Cl. 30-43.
- Stone, Charles N., to Deere & Co. Hitch device. 2,748,682, 6-5-56, Cl. 97-47.52.
- Stone, Clarence W. Tilting trailer bed. 2,766,050, 10-9-56, Cl. 280-44.
- Stone, Donald C. Logs for marine vessels. 2,746,677, 5-22-56, Cl. 235-61.
- Stone, Donald D., to Bank of America National Trust and Savings Association. Intake manifold construction. 2,764,140, 9-25-56, Cl. 123-52.
- Stone, Floyd B.: *See—*
- Fahrenbach, Wolfgang B., and Stone. 2,766,567.
- Stone, Gordon L.: *See—*
- Brelsford, Orville R., Stone, and Aldridge. 2,765,605.
- Stone, Gracie M.: *See—*
- Smith, Allen E., Feldman, and Stone. 2,736,646.
- Smith, Allen E., Feldman, and Stone. 2,736,647.
- Smith, Allen E., Feldman, and Stone. 2,770,537.
- Stone, Herman J., to The Independent Nail and Packing Co. Inc. Nail feeding mechanism. 2,750,591, 6-19-56, Cl. 1-6.
- Stone, Hyman N., to Norton Co. Resinoid bonded cutting-off grinding wheels and method of cutting metals. 2,729,039, 1-3-56, Cl. 51-206.
- Stone, J., & Co. (Deptford) Ltd.: *See—*
- Stickland, Frank S. 2,769,310.
- Stone, Jack E. A.: *See—*
- Rose, Milton F., and Stone. 2,747,734.
- Stone, John G., Jr., and W. S. Busch, to United States Rubber Co. Stripping apparatus. 2,756,718, 7-31-56, Cl. 118-412.
- Stone, John R.: *See—*
- Lebedeff, Yuri E., Stone, and von Stein. 2,775,509.
- Stone, Joseph J., Jr., to the United States of America as represented by the United States Atomic Energy Commission. Amplifier circuit. 2,739,237, 3-20-56, Cl. 250-27.
- Stone, Leonard R., to Republic Steel Corp. Method and apparatus for inspecting tinplate. 2,753,464, 7-3-56, Cl. 250-219.
- Stone, Leonard R., R. G. Watson, and R. J. Carleton, Jr., to Republic Steel Corp. Electric crane scale repeater. 2,769,945, 11-6-56, Cl. 318-29.
- Stone, Natalie G.: *See—*
- Gordon, Melvin J. 2,768,385.
- Gordon, Melvin J. 2,769,262.
- Stone, Robert O.: *See—*
- Shapiro, Gustave, Stone, and Henry. 2,754,711.
- Stone, Thomas W., and J. W. Tweedy, to Redmond Co. Inc. Rotor construction, particularly for use in electric motors. 2,769,934, 11-6-56, Cl. 310-261.
- Stone, Wayne A., to Minneapolis-Honeywell Regulator Co. Automatic pilot. 2,757,887, 8-7-56, Cl. 244-77.
- Stone & Webster Engineering Corp.: *See—*
- Chave, Charles T. 2,767,966.
- Chellis, Robert D. 2,765,135.
- Hutchinson, Margaret H. 2,767,967.
- Stone, William A., to Minneapolis-Honeywell Chemical Corp. Available chlorine multi-stage bleaching of sulfite pulp. 2,741,536, 4-10-56, Cl. 8-105.
- Stone, William A., and J. G. Matarese, to Olin Mathieson Chemical Corp. Available chlorine single-stage bleaching of sulfite pulp. 2,741,537, 4-10-56, Cl. 8-105.
- Stone Creek Brick Co. The: *See—*
- Shafer, Carlton M. 2,748,499.
- Stone Mountain Grit Co., Inc.: *See—*
- Wiggins, Clyde E. 2,746,665.
- Stoner, Arthur M., and G. S. Haviland, to The Jacobs Mfg. Co. Chucks. 2,746,758, 5-22-56, Cl. 279-53.
- Stoner, Charles F. U. Hydraulic steering mechanism. 2,732,151, 1-24-56, Cl. 244-50.
- Stoner, Clair A.,  $\frac{1}{2}$  to M. M. Yaffe and H. Blumberg and  $\frac{1}{2}$  to T. Thompson, Jr., and T. Thompson, Sr. Roller skate track structure. 2,739,819, 3-27-56, Cl. 280-11.28.
- Stoner, George G., to General Aniline & Film Corp. Chloro-fluoroacrylic acids. 2,761,875, 9-4-56, Cl. 260-539.
- Stoner, George H.: *See—*
- Levinson, Harry, Stoner, and Tangen. 2,743,800.
- Stoner, Harry B., to Stoner Mfg. Corp. Mounting bracket for football snapper. 2,742,877, 4-24-56, Cl. 119-61.
- Stoner Mfg. Corp.: *See—*
- Parre, Edwin. 2,741,354.
- Parre, Edwin. 2,755,000.
- Parre, Edwin, and Rogers. 2,736,085.
- Phillips, Rodney W. 2,753,059.
- Stoner, Harry B. 2,742,877.
- Stoner-Mudre, Inc.: *See—*
- Yoho, Clayton W. 2,769,826.
- Stoner, Theodore R. Flow control valves. 2,739,119, 3-20-56, Cl. 210-24.
- Stokey, Stanley D., to Corning Glass Works. Method of producing a photograph on glass. 2,732,298, 1-24-56, Cl. 95-5.5.
- Stokey, Stanley D., to Corning Glass Works. Method of adhering gold to a non-porous ceramic surface and composition therefor. 2,733,167, 1-31-56, Cl. 117-46.
- Stooks, Wallace. Edge trimming machine. 2,759,504, 8-21-56, Cl. 144-3.
- Stoops, Charles E.: *See—*
- Mahan, John E., and Stoops. 2,749,348.
- Stoops, Charles E., and C. E. Becker, to Phillips Petroleum Co. Production of substituted pyridines. 2,745,833, 5-15-56, Cl. 260-290.
- Stoops, Clyde E. Spraying device. 2,730,405, 1-10-56, Cl. 280-14.
- Stoops, Forrest D., to Phillips Petroleum Co. Process and apparatus for removing hydrates from fractionator overhead product. 2,732,414, 1-24-56, Cl. 260-676.
- Stoops, Forrest D., and J. J. Fox, to Phillips Petroleum Co. Process temperature control. 2,758,793, 8-14-56, Cl. 230-11.
- Stoops, William N., and B. A. Price, to Union Carbide and Carbon Corp. Shock-resistant plastic compositions. 2,754,282, 7-10-56, Cl. 260-45.5.
- Stoops, William N., and B. Thompson, to Union Carbide and Carbon Corp. Process for polymerizing chlorotrifluoroethylene. 2,768,215, 10-9-56, Cl. 260-29.6.
- Stopek, Benjamin, to Ideal Toy Corp. Hinge construction. 2,742,665, 4-24-56, Cl. 16-128.
- Stop-Fire, Inc.: *See—*
- Lobbs, Zbigniew J. 2,765,273.
- Nurkiewicz, Ignatius. 2,736,919.
- Nurkiewicz, Ignatius. 2,761,737.
- Stop-Motion Devices Corp.: *See—*
- Vossen, Edward. 2,733,308.
- Vossen, Edward. 2,738,387.
- Vossen, Edward. 2,747,039.
- Vossen, Edward. 2,747,040.
- Vossen, Edward. 2,752,444.
- Vossen, Edward. 2,753,824.
- Vossen, Edward. 2,755,648.
- Stora Kopparbergs Bergslags Aktiebolag: *See—*
- Cederquist, Karl N. 2,773,026.
- Collin, Per H. 2,755,183.
- Stalhed, John L. 2,755,179.
- Stora Kopparbergs Bergslags Aktiebolaget: *See—*
- Östlund, Karl B. 2,743,954.
- Storch, Alvin H., Jr.: *See—*
- Preneville, Donald E., and Storch. 2,729,270.
- Storch, Clifford, to Astoroid Mfg. Co., Inc. Fueling device for lighters. 2,769,325, 11-6-56, Cl. 67-7.1.
- Store, Arthur O., to Universal Moisture Testers, Ltd. Method and apparatus for measuring moisture contents of materials. 2,759,148, 8-14-56, Cl. 324-65.
- Stören- und Maschinenfabrik Emil Schenker A.-G.: *See—*
- Hediger, Otto. 2,737,235.
- Storey, Charlton H., Jr.: *See—*
- Hunt, William T., Jr., and Storey. 2,743,151.
- Schaeclhlin, Walter, and Storey. 2,734,977.
- Schaeclhlin, Walter, Storey, and Mathias. 2,735,057.
- Storey, Charlton H., Jr., and W. T. Hunt, Jr., to Westinghouse Electric Corp. Magnetic amplifier regulated current limit control for Ward Leonard systems. 2,735,053, 2-14-56, Cl. 318-143.
- Storey, Charlton H., Jr., and W. Schaeclhlin, to Westinghouse Electric Corp. Magnetic amplifier for a generator fed motor system. 2,743,104, 4-24-56, Cl. 318-143.
- Storey, Norman C. Power take-off device. 2,765,664, 10-9-56, Cl. 74-15.63.
- Stork, Gilbert. Method for the production of  $\alpha$ -substituted organic carbonyl compounds. 2,773,087, 12-4-56, Cl. 260-464.
- Stork, Gilbert. Method for the preparation of  $\alpha$ -substituted organic carbonyl compounds. 2,773,099, 12-4-56, Cl. 260-586.
- Storm, Eli D.: *See—*
- Keeple, Lloyd E., and Storm. 2,745,673.
- Storm, Frederick K., Jr. Portable hand-held suction device. 2,753,434, 7-3-56, Cl. 210-39.
- Storm, Herbert F., to General Electric Co. Resistance welding monitor control. 2,740,044, 3-27-56, Cl. 250-27.
- Storm, John F.: *See—*
- Bancroft, John W., and Storm. 2,750,800.
- Storm, John F., to Minneapolis-Honeywell Regulator Co. Fluid quantity measuring apparatus. 2,760,372, 8-28-56, Cl. 73-304.
- Storm, John F., to Minneapolis-Honeywell Regulator Co. Rate of flow measuring apparatus. 2,767,360, 10-10-56, Cl. 318-28.
- Storm, John W., to Warren Automatic Tool Co. Traveling block position and velocity recorder. 2,733,599, 2-7-56, Cl. 73-151.5.
- Storm, Randolph, and F. L. Saetrang. Ski sticks. 2,741,485, 4-10-56, Cl. 280-11.37.
- Storm-Vulcan, Inc.: *See—*
- Olsson, Olov J. E. 2,732,668.
- Stormon, Dean B.: *See—*
- Robitschke, Paul, and Stormon. 2,731,431.
- Rucker, John T., and Stormon. 2,760,997.
- Stormon, Lester T.: *See—*
- Handler, Elliot, Adler, and Stormon. 2,740,232.
- Storms, H. M. Co.: *See—*
- Juengerkes, Herman A. 2,759,586.
- Storm Sash, Inc.: *See—*
- Ballint, John V. 2,757,419.
- Storrs, Fred O. Fountain brush. 2,775,401, 12-25-56, Cl. 230-169.
- Storrs, Gerald E. Tie attachment. 2,731,642, 1-24-56, Cl. 2-132.

- Stortz, Stephen W. Planetary gear transmission. 2,736,214, 2-28-56, Cl. 74-752.
- Stott, Edward L., and M. Byers Co. Method of making a metal alloy. 2,757,083, 7-31-56, Cl. 75-133.
- Story, James K., to V. E. Kuster. Instrument float. 2,765,541, 10-9-56, Cl. 33-223.
- Story, Paul E.: *See*—  
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- Stosberg, Ralph D., Jr. Stripping pulp for uncovering pipe lines or the like. 2,748,506, 6-5-56, Cl. 37-98.
- Stossel, Ernest. Process of separating microcrystalline waxes from crude oil. 2,770,577, 11-13-56, Cl. 196-18.
- Stoss, Athan: *See*—  
Boegehold, Alfred L., Shippe, and Stosuy. 2,757,446.
- Stosuy, Athan, to General Motors Corp. Bearing and method of making same. 2,747,261, 5-29-56, Cl. 29-191.2.
- Stott, Frank T.: *See*—  
Varga, Andre, and Stott. 2,762,295.
- Stott, Harold B., to Radio Corp. of America. Receiver with adjustable ferromagnetic rod loop antenna. 2,750,497, 6-12-56, Cl. 250-20.
- Stott, Louis L., and L. R. B. Hervey, to The Polymer Corp. Method of preparing finely divided polyamides. 2,742,440, 4-17-56, Cl. 260-2.3.
- Stott, Ted, and C. M. Shepstone, to Avco Mfg. Corp. Adjusting mechanism for deflector of forage harvester discharge spout. 2,741,512, 4-10-56, Cl. 302-61.
- Stott, Thomas C. F.: *See*—  
Stocks, Harry R., Stott, and Westcott. 2,773,399.
- Stottlemeyer, John R., to Landis Machine Co. Parallel link system for actuating work gripping jaws. 2,757,391, 8-5-56, Cl. 10-107.
- Stotts, Chester E.: *See*—  
Darrow, Merritt I., and Stotts. 2,766,750.
- Stotts, West D.: *See*—  
Reid, Alva A. 2,737,765.
- Stouder, Roy J., to Penn Controls, Inc. Automatic shut-off for valves and the like. 2,752,930, 7-3-56, Cl. 137-80.
- Stough, Gerald D., to Whitehead & Kales Co. Bolt tensioning apparatus. 2,760,393, 8-28-56, Cl. 81-54.
- Stout, Gerald D., to Whitehead & Kales Co. Adjustable stop for spacing devices. 2,761,510, 9-4-56, Cl. 164-117.
- Stoughton Cab & Body Co.: *See*—  
Jonsson, Martin H. 2,751,099.
- Stoughton, Roger W., to Mallinckrodt Chemical Works. Process of and compositions for combating epileptic seizures with atrolactamide. 2,775,539, 12-25-56, Cl. 167-65.
- Stout, Glenn M. and J. M., and W. L. Cooper, to Midwest Automatic Valve Co. Fluid pressure actuated diaphragm valve with hush valve. 2,752,146, 8-1-56, Cl. 251-118.
- Stout, Harold E., to Textile Trimming & Boarding Machine Co., Inc. Power shear. 2,751,682, 6-26-56, Cl. 30-233.
- Stout, John M.: *See*—  
Stout, Glenn M. and J. M., and Cooper. 2,752,167.
- Stout, Perry W., and C. D. Decker, to The Regents of The University of California. Atomic energy radiation meter. 2,753,463, 7-3-56, Cl. 250-83.3.
- Stout, Robert H. Tractor anti-tilting attachment. 2,767,995, 10-23-56, Cl. 280-34.
- Stout, William H. Light weight pipe and method of making same. 2,768,920, 10-30-56, Cl. 154-83.
- Stout, William H. Method of manufacturing plastic pipe. 2,773,287, 12-11-56, Cl. 18-58.3.
- Stovall, John E., to R. F. Clingen. Reflector device. 2,736,916, 28-56, Cl. 228-233.
- Stover, Ancil C., to W. W. Eisenhauer, W. P. Ellwood, I. J., and L. E. Eisenhauer, co-partners, d. b. a. The Eisenhauer Mfg. Co. Bearing assembly. 2,732,267, 1-24-56, Cl. 308-70.
- Stover, Ancil C., to W. A. Eisenhauer, W. P. Ellwood, I. J., Eisenhauer, and L. E. Eisenhauer, d. b. a. The Eisenhauer Mfg. Co. Valve assembly for a fluid pressure control system. 2,761,428, 9-4-56, Cl. 121-41.
- Stover, Ancil C., to W. W. Eisenhauer, W. P. Ellwood, I. J., Eisenhauer, and L. E. Eisenhauer, co-partners doing business under the firm name of the Eisenhauer Mfg. Co. Stabilizing means for vehicle steering axles. 2,761,693, 9-4-56, Cl. 280-81.
- Stover, Emory F. Gage for flowmeters. 2,746,296, 5-22-56, Cl. 73-407.
- Stover, Harris, to Collins Radio Co. Stabilized discriminator. 2,755,378, 7-17-56, Cl. 250-27.
- Stover, Harris A.: *See*—  
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- Stover, Harry E., to Anchor Hocking Glass Corp. Marking device for containers, closures and the like. 2,749,838, 6-12-56, Cl. 101-35.
- Stover, Harry E., to Anchor Hocking Glass Corp. Closure cup for glass containers and method of making. 2,772,613, 11-27-56, Cl. 215-40.
- Stover, John M.: *See*—  
Reed, Daniel J. 2,731,801.
- Reed, Daniel J., and Tanner. 2,744,387.
- Stover, William A., to Socony Mobil Oil Co., Inc. Reforming catalyst consisting of chromia, silica, alumina, and molybdenum and method for preparing the same. 2,757,145, 7-31-56, Cl. 252-453.
- Stover, William A., to Socony Mobil Oil Co., Inc. Alumina-chromia-molybdena catalyst. 2,773,846, 12-11-56, Cl. 252-465.
- Stover, William A., and R. C. Wilson, Jr., to Socony Mobil Oil Co., Inc. Method of hydrogen preparation. 2,773,839, 12-11-56, Cl. 252-448.
- Stover, William A., and R. C. Wilson, Jr., to Socony Mobil Oil Co., Inc. Treatment of chromia-alumina hydrolol. 2,738,845, 12-11-56, Cl. 252-463.
- Stover, William A., and R. C. Wilson, Jr., to Socony Mobil Oil Co., Inc. Deoiling of spherical chromia-alumina hydrolol particles. 2,774,742, 12-18-56, Cl. 252-448.
- Stowacca Fibre & Can Co., Ltd.: *See*—  
Budd, Sydney D. 2,734,350.
- Stoyke, Ludwig T., to Sundstrand Machine Tool Co. Fluid pump and control. 2,732,808, 1-31-56, Cl. 103-173.
- Stoyke, Ludwig T., and O. W. Scheffel, to Sundstrand Machine Tool Co. Pump. 2,774,309, 12-18-56, Cl. 103-128.
- Strait, Harold W., to Bausch & Lomb Optical Co. Refractometer. 2,740,320, 4-3-56, Cl. 88-14.
- Straayer, Joseph W., to Boeing Airplane Co. Airplane control surface and jet deflector arrangement. 2,734,698, 2-14-56, Cl. 24-15.
- Sträb, Hermann: *See*—  
Mayland, Helmut, and Sträb. 2,741,730.
- Strachan, Alexander W., to United States Steel Corp. Apparatus for quenching and reeling rods. 2,747,587, 5-29-56, Cl. 214-16.1.
- Strachan, Alister, to Midcontinent Adhesive Co. Process for applying a laminate to supporting surface. 2,731,378, 1-17-56, Cl. 154-120.
- Strachan, Andrew J.: *See*—  
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- Strachan & Henshaw, Ltd.: *See*—  
Grossmith, George W. 2,729,172.
- Strachan, John B., Jr., to The Standard Oil Co. Machine lighting. 2,740,037, 8-27-56, Cl. 240-2.
- Strack, Rainer. Artificial abrasion teeth. 2,740,199, 4-3-56, Cl. 32-2.
- Stracke, Gustav N., Jr. Kite. 2,750,136, 6-12-56, Cl. 33.
- Strahl, Robert N., to International Business Machines Corp. Error position indicator for target manifestation device. 2,771,593, 11-20-56, Cl. 340-24.
- Strafford, Frederick R. W., and H. T. Prestige, to Belling & Co. Electrically operated circuit breakers. 2,738,396, 3-18-56, Cl. 200-122.
- Strahm, Allen D., and J. W. Patterson, said Patterson to said Strahm. Vehicle parking apparatus. 2,752,051, 6-26-56, Cl. 214-16.1.
- Straight Engineering Co.: *See*—  
Straight, Halver R. 2,734,644.
- Straight, Halver R., to Straight Engineering Co. Car dumping apparatus. 2,734,644, 2-14-56, Cl. 214-47.
- Strain, Daniel E., to E. I. du Pont de Nemours and Co. Chloroethylene elastomers containing chlorosulfonate polymers of ethylene. 2,729,608, 1-3-56, Cl. 260-4.
- Strain, Daniel E., to E. I. du Pont de Nemours and Co. N-alkoxymethyl polycarbonates stabilized with dicyanamide. 2,758,985, 8-14-56, Cl. 260-45.9.
- Strain, Franklin: *See*—  
Neubauer, Joseph A., Strain, Kung, and Bissinger. 2,765,272.
- Strain, Franklin, to Columbia-Southern Chemical Corp. Reaction of chloroacetic acid and isopropyl haloformate. 2,734,911, 2-14-56, Cl. 260-471.
- Strain, Franklin, to Columbia-Southern Chemical Corp. Polymers of butadiene dimer epoxides. 2,765,206, 10-2-56, Cl. 260-85.7.
- Strain, Franklin, and B. J. De Witt, to Columbia-Southern Chemical Corp. Stabilization of perchloroethylene with alkoxalkylnitriles. 2,737,532, 3-6-56, Cl. 260-652.5.
- Straight-Line Products: *See*—  
Landon, Robert K. 2,749,618.
- Straits, John P., to National Airoil Burner Co., Inc. Preheated air construction for fluent fuel burning furnaces. 2,747,853, 5-29-56, Cl. 263-51.
- Straley, James M., and D. J. Wallace, to Eastman Kodak Co. 6-alkyl-2-phenylbenzotriazole azo compounds. 2,773,054, 12-4-56, Cl. 260-155.
- Stram, Oscar B., to Burroughs Corp. Rotary tape punch having selectively actuable perforating means. 2,761,513, 9-4-56, Cl. 164-111.
- Strand, John H., to Broom or mop handle connection. 2,763,517, 9-18-56, Cl. 306-17.
- Strand, Steen, to The Fulton Co. Vehicle towing bumper clamp. 2,747,893, 5-29-56, Cl. 280-502.
- Strandberg, Karl G.: *See*—  
Lindahl, Harry A., and Strandberg. 2,771,192.
- Strandberg, Malcolm W. P., to the United States of America as represented by the Secretary of the Navy. Frequency monitoring circuit. 2,750,564, 6-12-56, Cl. 324-79.
- Strandberg, Malcolm W. P., and R. W. Corkum, to the United States of America as represented by the Secretary of the Air Force. Continuously varying dielectric constant electromagnetic lens. 2,761,141, 8-28-56, Cl. 343-911.
- Strandell, John H., and S. A. Fielding. Single crank controllable pitch propeller. 2,754,923, 7-17-56, Cl. 170-360.32.
- Strang, Charles D., to Kiekhaefer Corp. Engine clutch control speed reducing mechanism. 2,755,897, 7-24-56, Cl. 192-096.
- Strang, Donald P.: *See*—  
Dunn, George B., and Strang. 2,758,228.
- Strang, Ian G.: *See*—  
Welch, Douglas F., Randall, and Strang. 2,751,750.
- Strange, Charles H., to E. L. Strange. Automatic thermostat devices. 2,760,472, 6-12-56, Cl. 200-137.



- Strange, Elsa L.: *See*—  
 Strange, Charles H. 2,750,472.  
 Strange, Elsa L. Chance selection game device. 2,764,414, 2-25-56, Cl. 273-139.  
 Strange, John, to Thinnerman Products Inc. Fastening devices for shaft knobs. 2,733,083, 1-31-56, Cl. 287-53.  
 Strapavaca Corp.: *See*—  
 Buda, Salvatore. 2,740,494.  
 Strasel, Raymond K., to Jacobsen Mfg. Co. Vented tank cap. 2,730,244, 1-10-56, Cl. 220-44.  
 Strasser, Albert M. Instrument level. 2,775,423, 12-25-56, Cl. 248-180.  
 Strassburger, Julius H., to National Steel Corp. Method of treating iron bearing material in metallurgical furnaces. 2,735,758, 9-21-56, Cl. 75-41.  
 Strasser, Dale M., to The Texas Co. Process for pulverizing solids in fluid suspension. 2,763,434, 9-18-56, Cl. 241-5.  
 Strasser, Erik: *See*—  
 Kellendorfer, Richard. 2,749,405.  
 Strassner, Robert M., and H. E. Burke, to Consolidated Electrodynamics Corp. Deviation plotter. 2,775,720, 12-25-56, Cl. 315-24.  
 Strategic-Udy Metallurgical & Chemical Processes Ltd.: *See*—  
 Udy, Marvin J. 2,775,518.  
 Stratford, Richard C.: *See*—  
 Rolfsen, Cornelius. 2,748,730.  
 Stratford, William M., to Texaco Development Corp. Radioactive exploration. 2,767,326, 10-16-56, Cl. 250-83.6.  
 Stratford, William M., C. F. Teichmann, and G. Herzog, to The Texas Co. Prospecting. 2,735,946, 2-21-56, Cl. 250-83.6.  
 Strathaus, John. Roast board. 2,751,951, 6-26-56, Cl. 146-215.  
 Strathmann, Willy: *See*—  
 Simon, Carl F., and Strathmann. 2,736,959.  
 Strathmore Co. The: *See*—  
 Remer, Robert K. 2,774,679.  
 Straatman, William C., R. E. Jones, and F. I. Regnier, to North American Aviation, Inc. Wire stripper. 2,765,685, 10-9-56, Cl. 81-9.51.  
 Strato-Fort Corp. of America: *See*—  
 Jordano, Assen. 2,765,994.  
 Stratstone Ltd.: *See*—  
 Morison, William J., and Cronin. 2,774,980.  
 Stratton, Albert L., to R. O. Bormann. Combination wood and metal saw blade. 2,741,279, 4-10-56, Cl. 143-133.  
 Stratton, Arville V. Tip holder and tip for bucket and dipper teeth. 2,739,395, 3-27-56, Cl. 37-142.  
 Stratton, Cleo C., to P. Warren. Air cooling device. 2,741,105, 4-10-56, Cl. 62-140.  
 Stratton, Frank E., and P. R. Scott, to United Shoe Machinery Corp. Machines for shaping uppers over lasts. 2,758,824, 8-14-56, Cl. 12-104.  
 Stratton, Frank E., and H. V. Hall, to United Shoe Machinery Corp. Safety control mechanisms. 2,760,616, 8-28-56, Cl. 192-131.  
 Stratton, Harry C. Reel for deep-sea fishing. 2,743,067, 2-21-56, Cl. 84-84.  
 Stratton, Jerry L., to General Electric Co. Method and apparatus for motor speed regulation. 2,769,949, 11-6-56, Cl. 318-312.  
 Stratton, Lloyd O. Rail anchor. 2,754,066, 7-10-56, Cl. 251-324.  
 Stratton, Mary. Hydraulic operated bed chair. 2,762,422, 9-11-56, Cl. 155-30.  
 Stratton, Robert R.: *See*—  
 Beach, Clarence E., and Munger. 2,759,670.  
 Stratton, Robert R., and W. P. Munger,  $\frac{1}{2}$  to C. E. Beach. Apparatus and systems for automatically recording, classifying, totaling and auditing business transactions. 2,746,679, 5-22-56, Cl. 235-61.6.  
 Straub, Carl. Removable cover lawn chair. 2,771,122, 11-20-56, Cl. 155-54.  
 Straub, Francis J. Mechanism to unload blocks and the like by lifting. 2,737,807, 3-6-56, Cl. 214-314.  
 Straub, W. F., & Co.: *See*—  
 Straub, Walter F. 2,748,003.  
 Straub, Walter F., to W. F. Straub & Co. Citrus peel product and method. 2,748,003, 5-29-56, Cl. 99-102.  
 Straub, Dudley F.: *See*—  
 McMillan, Edward B., and Straubel. 2,744,380.  
 Straubel, Walter E., and M. L. Grant; said Straubel assor. to said Grant. Drop inlet construction for fare boxes. 2,729,391, 1-3-56, Cl. 232-7.  
 Straumanis, Martin E.: *See*—  
 Hall, Charles B., Schlechten, and Straumanis. 2,732,321.  
 Straus, Louis: *See*—  
 Reese, Cole L., and Straus. 2,745,252.  
 Strause, Monroe B. Method of making fruit pie. 2,756,152, 7-24-56, Cl. 99-92.  
 Straus, Howard J., and H. C. Riggs, to The Electric Storage Battery Co. Storage battery plate. 2,771,500, 11-20-56, Cl. 136-80.  
 Strauss, Leopold: *See*—  
 Zuercher, John, Levensdoski, and Strauss. 2,765,172.  
 Strauss, Ludwig: *See*—  
 Lewis, Arthur R., and Strauss. 2,758,310.  
 Strauss, Marie H. Table top construction. 2,768,047, 10-23-56, Cl. 312-242.  
 Strauss, Max B.: *See*—  
 Long, Roger A., and Strauss. 2,763,149.  
 Strauss, Robert: *See*—  
 Kratz, Eugen, and Strauss. 2,755,753.  
 Strauss, William, to F. J. Stokes Machine Co. Press. 2,739,349, 3-27-56, Cl. 18-30.  
 Straussner, Arlan E. Fishing rig. 2,759,290, 8-21-56, Cl. 43-42.72.  
 Straw, Clayton, to H. R. Davis, Jr. Apparatus for making paper boxes. 2,741,167, 4-10-56, Cl. 93-43.  
 Straw, Jesse H., to The Sheffield Corp. Machine tool. 2,741,882, 4-17-56, Cl. 51-165.  
 Strawnsie, Fern A., to Strawnsie Mfg. Co. Wall mounted ventilator. 2,752,843, 7-3-56, Cl. 98-116.  
 Strawnsie Mfg. Co.: *See*—  
 Strawnsie, Fern A. 2,752,843.  
 Strawther, Charles F.,  $\frac{1}{2}$  to R. E. Longnecker. Plastic window frame. 2,753,603, 7-10-56, Cl. 20-11.  
 Stray, William J., to International Standard Electric Corp. Methods of sealing electrical components in metal casings. 2,751,674, 6-26-56, Cl. 29-463.  
 Strayer, Chalmers A., to Northrop Aircraft, Inc. Piston sealing assembly. 2,744,802, 5-8-56, Cl. 309-4.  
 Strayer, Chalmers A., to Northrop Aircraft, Inc. Pressurized hydraulic reservoir. 2,745,357, 5-15-56, Cl. 103-223.  
 Strayer, Chalmers A., to Northrop Aircraft, Inc. Differential type hydraulic fuse. 2,751,751, 6-26-56, Cl. 60-62.  
 Strayer, Chalmers A., to Northrop Aircraft, Inc. Air venting valve. 2,764,172, 9-25-56, Cl. 137-43.  
 Strazdins, Edward: *See*—  
 Hastings, Randall, Drechsel, and Strazdins. 2,771,404.  
 Straznicky, Fedor. Evaporating device, particularly for refrigerators in motor vehicles. 2,755,639, 7-24-56, Cl. 62-169.  
 Streb, Joseph C.: *See*—  
 Shea, Lindsey W., and Streb. 2,765,961.  
 Shea, Lindsey W., and Streb. 2,772,036.  
 Shea, Lindsey W., Streb, and Bole. 2,741,382.  
 Streb, Joseph C., and G. B. Bole, to The Union Metal Mfg. Co. Scoop attachment for power lift trucks. 2,762,518, 9-11-56, Cl. 214-620.  
 Strecher, Albert C., and D. O. McCall, to The Whitacre-Greer Fireproofing Co. Stressed block building slab. 2,751,776, 6-26-56, Cl. 72-68.  
 Streck, Clemens, to General Aniline & Film Corp. After treatment of dyes and compositions therefor. 2,741,535, 4-10-56, Cl. 8-74.  
 Streck, Clemens, to General Aniline & Film Corp. After treatment of dyed fibrous material. 2,768,053, 10-23-56, Cl. 8-42.  
 Streck, Clemens, L. N. Stanley, and A. C. Baggenstoss, to General Aniline & Film Corp. Composition for aftertreatment of dyes. 2,768,055, 10-23-56, Cl. 8-74.  
 Streckenbein, William: *See*—  
 Todt, Fred G., Sr., Streckenbein, and Todt. 2,738,790.  
 Strecker, Arthur G. Cultivator. 2,741,969, 4-17-56, Cl. 97-69.  
 Strecker, Gerald. Change speed gear of the adjustable rotary roller type. 2,734,389, 2-14-56, Cl. 74-200.  
 Strecker, Henry R. Guide attachment for plane. 2,752,963, 7-3-56, Cl. 145-20.  
 Strekfus, John G., and H. Godwin. Self locking roller, tire, and tread foundation. 2,770,868, 11-20-56, Cl. 29-120.  
 Streed, Olof V.: *See*—  
 Streed, William R. and O. V. 2,755,829.  
 Streed, William R. and O. V. Flail holder for debarking apparatus. 2,755,829, 7-24-56, Cl. 144-208.  
 Street, Chauncey C., to Congers-Croves Corp. Record scrambling and unscrambling means for systems using magnetic record. 2,730,569, 1-10-56, Cl. 179-100.2.  
 Street, Louis F., to Welding Engineers, Inc. Blending plastics and fluids. 2,733,051, 1-31-56, Cl. 259-6.  
 Street, Maurice J.: *See*—  
 Cohen, Sidney O., Goodell, Hilton, Somerville, and Street. 2,764,984.  
 Streeter-Ames Co.: *See*—  
 Quinn, James E. 2,735,291.  
 Porter, Henry H. 2,764,399.  
 Schmidt, Frank. 2,729,078.  
 Streeton, Robert J. W.: *See*—  
 Spence, Robert, and Streeton. 2,742,348.  
 Stregle, Leslie R. J. Variable wattage lamp socket. 2,734,976, 2-14-56, Cl. 201-49.  
 Strehan, George E., to Lally Column Co. Head plate for structure and columns. 2,768,520, 10-30-56, Cl. 72-15.  
 Streicher, Johann S., to Baker & Co., Inc. Grain stabilized metals and alloys. 2,752,665, 7-3-56, Cl. 29-182.  
 Streiffert, John G., to Eastman Kodak Co. Illuminating system for color motion-picture printer. 2,742,837, 4-24-56, Cl. 95-78.  
 Streiffert, John G., to Eastman Kodak Co. Variable pitch radial tooth sprocket. 2,772,089, 11-27-56, Cl. 271-2.3.  
 Strelzoff, Samuel: *See*—  
 Roberts, Edward S., and Strelzoff. 2,737,440.  
 Roberts, Edward S., Wiedeman, and Strelzoff. 2,750,266.  
 Strem, Thomas. Photographic exposure timing device. 2,749,769, 6-12-56, Cl. 68-24.  
 Strem, William F., Jr. Cross-chain with improved fastening means. 2,738,821, 3-20-56, Cl. 152-241.  
 Stremmel, William G. Window seal. 2,766,494, 10-16-56, Cl. 20-69.  
 Stremple, Edward L., to Glenmore Corp. Cup dispensers. 2,742,183, 4-17-56, Cl. 221-6.  
 Stresau, Richard H. F., Jr., to the United States of America as represented by the Secretary of the Navy. Chassis truck. 2,730,257, 1-10-56, Cl. 214-650.

- Streuber, Rudolf G., H. E. Van Hoesen, and R. E. Willison, to Research Corp. Automatic polarity control. 2,760,143, 8-21-56, Cl. 321-50.
- Streuer, Wilhelm A., to Oak Mfg. Co. Electric switch contact construction. 2,771,531, 11-20-56, Cl. 200-166.
- Strezynski, George J., to The De Laval Separator Co. Countercurrent extractor bowl. 2,731,331, 1-17-56, Cl. 23-270.5.
- Strezynski, George J., to The De Laval Separator Co. Temperature control for centrifuges. 2,765,978, 10-9-56, Cl. 233-11.
- Stribley, William W.: *See—*
- Woods, John L., Stribley, and Nelson. 2,767,931.
- Strich, Philippe P., to The Western States Machine Co. Centrifugal separation. 2,750,040, 6-12-56, Cl. 210-73.
- Strick, Frank, deceased, by E. Strick, B. Sheppard, and J. E. Strick, executors, and C. I. Bohlen, to Fruehauf Trailer Co. Movable roof mechanism and outrigger support therefor. 2,757,043, 7-31-56, Cl. 296-137.
- Strick, Joseph E.: *See—*
- Strick, Frank, and Bohlen. 2,757,043.
- Strick, Rose: *See—*
- Strick, Frank, and Bohlen. 2,757,043.
- Stricker, Gustave E., to A. T. Ferrell & Co. Non-clogging pneumatic conveying apparatus. 2,746,808, 5-22-56, Cl. 192-36.
- Stricker, Walter, to Autophon A. G. Spurious frequency suppression circuit. 2,740,048, 3-27-56, Cl. 250-36.
- Strickland, Arch A.: *See—*
- Rucker, Ralph V. 2,729,261.
- Strickland, Claude H., E. D. Eberts, and D. L. Robb, to Schenley Industries, Inc. Bottle stopper. 2,774,499, 12-18-56, Cl. 215-7.
- Strickland, Daisy. Combination tool. 2,762,380, 9-11-56, Cl. 132-75.5.
- Strickland, George H., to General Motors Corp. Freezing device. 2,769,317, 11-6-56, Cl. 62-108.5.
- Strickland, Harold A., Jr., to The Budd Co. Sealed brake drum closure. 2,734,600, 2-14-56, Cl. 188-218.
- Strickland, Mark C.: *See—*
- Rucker, Ralph V. 2,729,261.
- Strickler, Allen: *See—*
- Hawes, Roland C., and Strickler. 2,770,531.
- Strickler, Carl D., Golfer's grip guide. 2,765,174, 10-2-56, Cl. 273-106.
- Stricklett, Lloyd P., and J. W. Horvath, to New Tools Co., Inc. Adjustable wrench, including right and left thread sliding jaw adjusting means. 2,743,641, 5-1-56, Cl. 81-163.
- Strick, Edwin A. Machine for cutting sod plugs. 2,768,570, 10-30-56, Cl. 97-226.
- Striegel, Alvin J., and F. B. Wells, to Trojan Powder Co. Silage additive. 2,731,348, 1-17-56, Cl. 99-8.
- Strigle, Ralph F., Jr., and W. Smith, Jr., to M. A. Knight. Method of molding furan resins. 2,768,408, 10-30-56, Cl. 18-55.
- Strike, Louis N. Shirt body pressing machine. 2,743,854, 5-1-56, Cl. 223-57.
- Striker, George O. Instruments for the measuring of certain properties of rough ionization currents. 2,735,062, 2-14-56, Cl. 324-33.
- Strimel, Robert S., to Tinius Olsen Testing Machine Co. Multirange load cell. 2,729,973, 1-10-56, Cl. 73-141.
- Strimel, Robert S., to Tinius Olsen Testing Machine Co. Instrument for strain testing. 2,767,476, 10-23-56, Cl. 33-148.
- Strimel, Robert S., to Tinius Olsen Testing Machine Co. Strain measuring instrument. 2,768,447, 10-30-56, Cl. 33-148.
- Strindlund, John, to The Black-Clawson Co. Filter having warped cell walls. 2,732,080, 1-24-56, Cl. 210-199.
- Strindlund, John to The Black-Clawson Co. Rotary suction filter drum. 2,732,081, 1-24-56, Cl. 210-202.
- Strindlund, John, to The Black-Clawson Co. Rotary suction filter drum. 2,765,085, 10-2-56, Cl. 210-202.
- Strindlund, John, to The Black-Clawson Co. Rotary suction filter drum. 2,765,086, 10-2-56, Cl. 210-202.
- Strine, Eli R.: *See—*
- Cramer, George L., Raffensberger, and Strine. 2,772,794.
- Cramer, George L., Raffensberger, and Strine. 2,772,795.
- Stringer, Charles S.: *See—*
- Corman, Julian, Tsuchiya, and Stringer. 2,742,365.
- Stringer, Loren F.: *See—*
- Moore, Raymond W., Hull, and Stringer. 2,773,228.
- Moore, Raymond W., King, Carleton, and Stringer. 2,743,401.
- Stringer, Loren F., and D. E. Abell, to Westinghouse Electric Corp. Ward Leonard motor control systems for reel motors. 2,752,544, 6-26-56, Cl. 318-6.
- Stringfield, Raymond B., to Fullerton Mfg. Co. Means for protectively isolating internal pipe surfaces. 2,737,205, 3-6-56, Cl. 138-89.
- Striplin, Marcus M., Jr., to Tennessee Valley Authority. Drying gases. 2,734,596, 2-14-56, Cl. 183-145.
- Striplin, Marcus M., Jr., S. A. Hardin, and W. H. Bundy, to Tennessee Valley Authority. Rotating electric phosphorus furnace. 2,744,944, 5-8-56, Cl. 13-10.
- Stritter, Karl A., to United Shoe Machinery Corp. Methods of making prewelt shoes. 2,748,406, 6-5-56, Cl. 12-142.
- Strmic, Victor C. Adjustable stand for lavatories. 2,746,664, 5-22-56, Cl. 228-45.
- Strnad, James J., to Lemco Products, Inc. Counterbalancing means for work rotating machine tools. 2,733,560, 2-7-56, Cl. 51-237.
- Strnad, James J., to Lemco Products, Inc. Grinding machine. 2,738,625, 3-30-56, Cl. 51-56.
- Strnad, James J., to Lemco Products, Inc. Surface grinder. 2,753,668, 7-10-56, Cl. 51-128.
- Strobel, Albert F., and W. W. Williams, to General Aniline & Film Corp. Process for the preparation of chromed azo dyes derived from an anisidine. 2,767,166, 10-16-56, Cl. 260-147.
- Strobel, Albert F., and W. W. Williams, to General Aniline & Film Corp. Triazine dyes. 2,768,158, 10-23-56, Cl. 260-153.
- Strobel, Charles K., to Robertshaw-Fulton Controls Co. Safety control and ignition apparatus for fuel burners. 2,729,286, 1-3-56, Cl. 158-133.
- Strobel, Rudolph W., to General Electric Co. Electrical control lamp. 2,767,027, 9-4-56, Cl. 339-246.
- Strobel, John D., to The Safety Car Heating and Lighting Co., Inc. Ventilating apparatus. 2,775,186, 12-25-56, Cl. 98-14.
- Stroblino, Louis J. Protective shield and method of making same. 2,737,597, 3-6-56, Cl. 230-108.
- Stroble, Joe. Quick change nut with pivoted thread segments. 2,736,227, 2-28-56, Cl. 85-33.
- Strocco, Gene. Turntable devices. 2,774,598, 12-18-56, Cl. 273-136.
- Strode, Donald V., to The Aetna-Standard Engineering Co. Apparatus and method of pointing tubes. 2,732,932, 1-31-56, Cl. 205-4.
- Stroh, Henry: *See—*
- Smith, Floyd D., and Matthews. 2,732,701.
- Stroh, Rudolf, J. Ebersberger, and H. Haberland, to Farbenfabriken Bayer Aktiengesellschaft, Alkylation of aromatic amines. 2,762,845, 9-11-56, Cl. 260-578.
- Stroh, William R. Temperature control for brooder. 2,755,940, 15-56, Cl. 219-35.
- Stroh, William S., to Scullin Mfg. Co. Aerosol bomb dispensing cap. 2,761,594, 9-4-56, Cl. 222-394.
- Strohl, Kenneth C. Muzzle brake. 2,765,706, 10-9-56, Cl. 89-14.
- Strom, Edward J. Fishing game. 2,756,054, 7-24-56, Cl. 273-140.
- Strokes, George T., to Glo-Quartz Electric Heater Co., Inc. Immersion heater. 2,740,881, 4-3-56, Cl. 219-41.
- Strom, Albert P.: *See—*
- Brown, Thomas E., Jr., Strom, and Spindle. 2,733,316.
- Lingal, Harry J., Browne, and Strom. 2,757,261.
- Strom, George E.: *See—*
- Wintle, Harry D., Jr. and Strom. 2,744,409.
- Strom, Victor A., and C. G. Dickinson. Pump. 2,749,187, 6-5-56, Cl. 302-4.
- Stroman, James H.: *See—*
- Reese, Cole L. 2,746,252.
- Reese, Cole L., and Stroman. 2,745,252.
- Stromberg-Carlson Co.: *See—*
- Wheeler, John L. 2,730,614.
- Stromberg, Ralph O. Engine cooling system testing device. 2,760,367, 8-28-56, Cl. 73-40.
- Strömberg, Tage A., and K. G. L. Hansson. Improvements in measuring instruments. 2,771,684, 11-27-56, Cl. 33-172.
- Strömme, Reidar. Flexible printing plate. 2,774,302, 12-18-56, Cl. 101-378.
- Strommen, Einar A., to Dictograph Products Co., Inc. Amplifier with gain control and power control. 2,761,918, 9-4-56, Cl. 179-171.
- Strommer, H. Jerome: *See—*
- Ring, Harold H., and Strommer. 2,740,644.
- Stromquist, Donald M., A. C. Reents, and M. E. Veerman, to Illinois Water Treatment Co. Process for regenerating ion exchange material. 2,771,424, 11-20-56, Cl. 252-182.
- Strong, Allen K., to American Cyanamid Co. Shipping unit. 2,774,490, 12-18-56, Cl. 214-10.5.
- Strong, Cobb and Co., Inc.: *See—*
- Pereska, Joseph S. 2,752,388.
- Prince, Robert H., and Blackard. 2,741,574.
- Strong, George R.: *See—*
- Sutton, Creel Y., and R. and P. B. Strong. 2,757,890.
- Strong, Herbert M., to General Electric Co. Insulated construction panel. 2,742,115, 4-17-56, Cl. 189-34.
- Strong, James R.: *See—*
- Brown, Kenneth M., and Strong. 2,752,229.
- Strong, James S., to Rohm & Haas Co. Preparation of thioformamides. 2,765,313, 10-2-56, Cl. 260-293.4.
- Strong, John D. Optical instrument having through-and-return light path. 2,743,646, 5-1-56, Cl. 88-14.
- Strong, John D., to The United States of America as represented by the Secretary of the Army. Paraboloidal reflector. 2,751,816, 6-26-56, Cl. 88-73.
- Strong, Paul B.: *See—*
- Sutton, Creel Y., and R. and P. B. Strong. 2,757,890.
- Strong, Ricks: *See—*
- Sutton, Creel Y., and R. and P. B. Strong. 2,757,890.
- Strong, Walter J.: *See—*
- Rezepe, Frank, Wuchter, and Strong. 2,769,476.
- Yoho, John R., and Strong. 2,754,878.
- Strongleaf Paper Corp.: *See—*
- Hirson, Benjamin. 2,768,560.
- Stroo, Willeboerd. Rotating remote control devices. 2,753,968, 7-10-56, Cl. 192-142.
- Stroop, John H., to The Pad-Y-Wax Co. Shipping carton for flexible packages. 2,758,750, 8-14-56, Cl. 220-97.
- Strother, Fred P., to West Point Mfg. Co. Apparatus for testing thickness of material. 2,740,200, 4-3-56, Cl. 33-148.



- Strother, Fred P., to Deering Milliken Research Corp. Picker lap analyzer. 2,770,843, 11-20-56, Cl. 19-70.
- Strother, John. Telephone alarm. 2,769,032, 10-30-56, Cl. 179-6.
- Strother, John A.: *See—*
- Rouan, Francis J., and Strother. 2,746,221.
- Rouan, Francis J., Strother, and Uthenwoldt. 2,736,999.
- Strother, John A., P. J. Rouan, S. E. Calhoun, and J. J. E. Oakley, to Pitney-Bowes, Inc. Mail transmitting and inserting device. 2,766,569, 10-16-56, Cl. 53-188.
- Stroud, Charles E., to Pittsburgh Plate Glass Co. Safety window construction. 2,755,518, 7-24-56, Cl. 20-40.
- Strough, Robert I., to United Aircraft Corp. Torque responsive control for an emergency fuel system. 2,737,776, 3-13-56, Cl. 60-39.28.
- Stroukoff Aircraft Corp.: *See—*
- Strudin, Daniel. 2,747,818.
- Stroup, Philip T., and J. D. Dowd, to Aluminum Co. of America. Method of recovering aluminum metal from freshly skimmed dross. 2,754,199, 7-10-56, Cl. 75-68.
- Strozier, Henry H., to General Electric Co. Shunt capacitor arrangement. 2,732,524, 1-24-56, Cl. 323-123.
- Strub, René A., to E. I. du Pont de Nemours and Co. Rotary shaft seal and pressure regulator. 2,772,103, 11-27-56, Cl. 286-9.
- Struble, Albert, and M. L. Moffitt, Jr. Disposable foot covering. 2,764,823, 1-2-56, Cl. 36-9.
- Struble, Glenn E.: *See—*
- Van Rosen, Robert, Arens, and Struble. 2,756,920.
- Struble, Joseph H. Vertically adjustable wheel suspension means. 2,745,674, 5-15-56, Cl. 280-44.
- Struck, Leon H.: *See—*
- Tillotson, Le Clede. 2,745,409.
- Struckmann, Holger. High angle rotary kilns. 2,743,918, 5-1-56, Cl. 263-33.
- Structural Clay Products Research Foundation: *See—*
- Taylor, Robert B. 2,735,183.
- Sturtevant, John E. Timber rake attachment. 2,735,197, 2-2-56, Cl. 37-2.
- Struke, Douglas R. Railway crossing approach signal. 2,729,805, 1-3-56, Cl. 340-31.
- Strunk, Edward: *See—*
- Vautrain, Lucien H., and Strunk. 2,773,920.
- Strunk, Leonard M.: *See—*
- Weller, Earl H. 2,759,293.
- Strunk, Leonard M. Chain saw guide bar with lubricating means. 2,748,810, 6-5-56, Cl. 143-32.
- Strunk, Leonard M. Chain saw blade tensioning means. 2,765,821, 10-9-56, Cl. 143-32.
- Struthers Mfg. Co.: *See—*
- Struthers, Ralph C. 2,765,058.
- Struthers, Ralph C., to Struthers Mfg. Co. Throttle valve control device. 2,765,058, 10-2-56, Cl. 192-3.
- Struve, William S., and D. E. Reidinger, to E. I. du Pont de Nemours and Co. Azo pigment production. 2,744,027, 5-26-56, Cl. 106-289.
- Struven, Warren C., to the United States of America as represented by the United States Atomic Energy Commission. Pulsed oscillator. 2,764,689, 9-25-56, Cl. 250-36.
- Stryker, Garrett B., to Hunt Foods, Inc. Method of can trans-Strzala, Kazimierz A.: *See—*
- Cutter, Richard W., Strzala, and Fry. 2,771,177.
- Stuart, Alexander T., deceased, by I. E. Stuart, executrix. Apparatus for the reduction of metal oxides by superheated gases. 2,739,807, 3-27-56, Cl. 266-25.
- Stuart, Archibald P., to Sun Oil Co. Hydrogenation of unsaturated hydrocarbons employing a metal sulfide catalyst having a nitrogenous base chemisorbed thereon. 2,736,689, 2-28-56, Cl. 196-78.
- Stuart, Archibald P., to Sun Oil Co. Dehydrogenation catalyst and process. 2,755,515, 4-17-56, Cl. 260-663.
- Stuart, Archibald P., to Sun Oil Co. Process for refining hydrocarbons with boron trifluoride followed by a solvent. 2,767,120, 10-16-56, Cl. 196-24.
- Stuart, Charles N., and N. E. Adjustably positionable shelf for cribs. 2,733,455, 5-2-56, Cl. 5-317.
- Stuart, Clifford R., to Clifton-Grant Development Corp. Packing. 2,763,110, 9-18-56, Cl. 53-243.
- Stuart, Donald R., to American Road Equipment Co. Apparatus for lifting loads. 2,750,057, 6-12-56, Cl. 214-510.
- Stuart, Duncan J. K.: *See—*
- Wearing, John H., Payne, and Stuart. 2,753,024.
- Stuart, Duncan J. K., to The Austin Motor Co. Ltd. Hydraulically operated clutch mechanisms. 2,765,893, 10-9-56, Cl. 192-103.
- Stuart, Elmer H., to Eli Lilly and Co. Maleate salts of protosertrinate A and protosertrinate B. 2,753,340, 7-3-56, Cl. 260-236.
- Stuart, Frank A., and W. Lowe, to California Research Corp. Lubricant composition. 2,758,086, 8-7-56, Cl. 252-32.5.
- Stuart, Fred E. Passenger checking structure. 2,737,123, 3-6-56, Cl. 104-28.
- Stu-Art, Inc.: *See—*
- Nilson, Sture H., Swanson, and Deiters. 2,741,977.
- Stuart, Isobel E.: *See—*
- Stuart, Alexander T. 2,739,807.
- Stuart, Jackson P., to General Electric Co. High gain self-saturating magnetic amplifier. 2,758,161, 8-7-56, Cl. 179-171.
- Stuart, James A., Jr. Valve assembly for flush tanks. 2,745,109, 5-15-56, Cl. 4-56.
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- Stuart, Joseph, III, to General Motors Corp. Pressure responsive device. 2,768,647, 10-30-56, Cl. 138-46.
- Stuart, Mary. Guide for the application of lipstick to the lips. 2,746,463, 5-22-56, Cl. 132-88.5.
- Stuart, Norma E.: *See—*
- Stuart, Charles N., and N. E. 2,733,455.
- Stuart, Spencer R., and A. R. Raymond, to The Martin-Senour Co. Paint display device. 2,748,498, 6-5-56, Cl. 35-28.3.
- Stuart-Williams: *See—*
- Rajchoudhary, Jan A., Stuart-Williams, and Endres. 2,760,153.
- Stuart-Williams, Raymond: *See—*
- Pollard, Brian W., and Stuart-Williams. 2,757,864.
- Stübbe, Friedrich. Heel piece, particularly of hard rubber with celluloid coating. 2,771,692, 11-27-56, Cl. 36-35.
- Stubblefield, Edward M.: *See—*
- Anderson, Philip E., Jr., and Stubblefield. 2,749,095.
- Stubblefield, Edward M., to Servel, Inc. Purging device for closed refrigeration systems. 2,730,889, 1-17-56, Cl. 62-119.
- Stubblefield, Edward M., and W. V. Cropper, to Servel, Inc. Corrosion inhibitor. 2,755,170, 7-17-56, Cl. 23-89.
- Stubbs, George. Valve for inflatable pessaries and the like. 2,769,442, 11-6-56, Cl. 128-127.
- Stubbs, Sherman C. Automatic feed poultry battery. 2,735,400, 2-21-56, Cl. 119-18.
- Stubbs, Frederick: *See—*
- Davis, Louis E., Stube, and Knapp. 2,738,414.
- Stube, Frederick F., to R. E. Dietz Co. Lamp socket converter. 2,738,474, 3-13-56, Cl. 339-31.
- Stubnitz-Greene Spring Corp.: *See—*
- Davis, Harlan L. 2,754,892.
- Stuck, Harold D.: *See—*
- Birdseye, Clarence, and Stuck. 2,771,361.
- Stuck, Harold D., to John W. Bolton & Sons, Inc. Process of repairing Jordan plugs. 2,734,261, 2-14-56, Cl. 29-401.
- Stuckenholt, Casper S., to The W. J. Schoenberger Co. Valve. 2,747,530, 1-25-56, Cl. 251-10.
- Stuckey, Joseph B., and E. T. Fronczak, to The Pure Oil Co. Alkaline earth metal base greases and their preparation. 2,755,248, 7-17-56, Cl. 252-40.
- Stucker, Joseph B., and E. W. Brennan, to The Pure Oil Co. Preparation of dibenzonoid alkyl sulfides. 2,755,305, 7-17-56, Cl. 260-308.
- Stucker, Joseph B., N. D. Williams, and G. Wolfram, to The Pure Oil Co. Gear oil lubricants. 2,764,550, 9-25-56, Cl. 252-46.6.
- Studebaker-Packard Corp.: *See—*
- Clark, John M. 2,751,355.
- Golding, Donald B. 2,761,291.
- Horton, Winthrop S., and Lucia. 2,769,420.
- Kaufman, John H., and Moore. 2,733,964.
- Kaufman, John H., and Moore. 2,735,724.
- Lidgard, Edward J. 2,769,534.
- Lucia, Carroll J., and De Lorean. 2,769,350.
- Lucia, Carroll J., and Witzky. 2,769,303.
- McFarland, Forest R. 2,735,310.
- McFarland, Forest R. 2,735,527.
- McFarland, Forest R. 2,769,307.
- Nisch, Herbert L. 2,763,215.
- Misch, Herbert L. 2,769,458.
- Nash, Edward L. 2,769,353.
- Perry, Thomas W., and Schubert. 2,769,659.
- Taylor, Ross E. 2,769,437.
- Teed, Floyd J. 2,735,708.
- Van Deventer, Ralph E. 2,769,226.
- Ware, Marsden, and Witzky. 2,739,579.
- Witzky, Julius E. 2,769,434.
- Witzky, Julius E. 2,769,438.
- Zenker, Richard L. 2,735,315.
- Studebaker, Thomas B. Gasoline mileage calculator. 2,772,632, 11-27-56, Cl. 235-84.
- Studenic, Alfred and Anthony. Wax impregnated leather and method of making same. 2,769,724, 11-6-56, Cl. 117-55.
- Studenic, Anthony: *See—*
- Studenic, Alfred and Anthony. 2,769,724.
- Studer, Frank J.: *See—*
- Studenic, Dominic A., and Studer. 2,732,313.
- Studer, Paul A.: *See—*
- Salvin, Victor S., and Studer. 2,760,841.
- Studler, Clara B. Girdle. 2,758,311, 8-14-56, Cl. 2-43.
- Studley, Clarence K., Jr. Angularly and linearly adjustable stick guide. 2,745,447, 5-15-56, Cl. 143-169.
- Stuber, Hugh C., and G. A. Moore. Combination rocker-griever and pushcart. 2,774,611, 12-18-56, Cl. 280-218.
- Stuebeling, William R. Means for automatically aligning and feeding elongate elements. 2,733,834, 2-7-56, Cl. 221-212.
- Stueland, Harold M., to Deere & Co. Fluid-pressure control system. 2,729,224, 1-3-56, Cl. 137-102.
- Stueland, Harold M., to Deere & Co. Control mechanism for mounting on a movable support. 2,729,349, 1-3-56, Cl. 214-140.
- Stueland, Harold M., to Deere & Co. Attachment frame for tractors. 2,746,624, 5-22-56, Cl. 214-131.
- Stueland, Harold M., to Deere & Co. Parking stand for tractor-implement combination. 2,748,960, 6-5-56, Cl. 214-131.
- Stueland, Harold M., to Deere & Co. Fluid-pressure control valve for material loaders. 2,751,932, 6-26-56, Cl. 137-621.
- Stuellein, William H.: *See—*
- Florschutz, Fritz E., and Stuellein. 2,739,205.

- Stuer, Joseph. Single shaft loom. 2,748,806, 6-5-56, Cl. 139-146.
- Stuerzl, Henry C.: *See—*
- Comey, Charles S., Saxton, and Stuerzl. 2,770,003.
- Stuhleber, Anthony B.: *See—*
- Huser, Richard J., and Stuhleber. 2,731,113.
- Stukborg, Frederick W. and L. C. Method of cotton harvesting. 2,760,324, 8-28-56, Cl. 56-11.
- Stukenborg, Louis C.: *See—*
- Stukenborg, Frederick W. and L. C. 2,760,324.
- Stukey, Wilfred B. Dispenser unit comprising a flexible ring having a tubular member slidable therein. 2,761,597, 9-4-56, Cl. 222-525.
- Stulen, Foster B., to Curtiss-Wright Corp. Method of developing lift from the propeller blades of an airplane. 2,738,148, 8-13-56, Cl. 244-65.
- Stults, Frederick C., to E. I. du Pont de Nemours and Co. Liquid mixing apparatus. 2,756,971, 7-31-56, Cl. 259-9.
- Stumbeck, Max J., to Baker & Co., Inc. Composite metal article of chrome steel and platinum components. 2,729,881, 1-10-56, Cl. 29-196.3.
- Stump, Eugen, to Daimler-Benz Aktiengesellschaft. Precombustion diesel engine. 2,739,578, 3-27-56, Cl. 123-32.
- Stump, Eugen, to Daimler-Benz Aktiengesellschaft. Frechamper compression ignition engine. 2,741,229, 4-10-56, Cl. 123-32.
- Stump, Eugen, to Daimler-Benz Aktiengesellschaft. Vehicle speed indicating device for motor vehicles. 2,751,580, 6-19-56, Cl. 245-11.
- Stump, Eugen, to Daimler-Benz Aktiengesellschaft. Shiftable clutch in change speed transmission. 2,774,451, 12-18-56, Cl. 192-48.
- Stump, James E. Water bag carrier. 2,729,373, 1-3-56, Cl. 224-42.
- Stumpf, Frank M.: *See—*
- Kemphorne, James L., and Stumpf. 2,754,155.
- Stunkard, Norman W., to Iron Fireman Mfg. Co. Fan control system. 2,753,119, 7-3-56, Cl. 236-49.
- Stupka, Wilbur G.: *See—*
- Swenson, Paul F., and Cooperrider. 2,772,834.
- Sturdevant, Edward N.: *See—*
- Bowie, Frank, and Sturdevant. 2,746,218.
- Sturdi-Bilt Steel Products, Inc.: *See—*
- Franks, Norvin H.: *See—*
- Sturgeon, Hugh D., 50% to T. E. Reed. Shock absorber coupling for rotary drill. 2,756,022, 7-24-56, Cl. 255-28.
- Sturges, George C., to Bendix Aviation Corp. Lighting system for indicating instruments. 2,740,372, 4-3-56, Cl. 116-133.
- Sturges, George C., to Bendix Aviation Corp. Indicating instrument. 2,768,605, 10-30-56, Cl. 116-129.
- Sturges, George C., and L. B. Kelly, to Bendix Aviation Corp. Instrument lighting. 2,737,744, 3-13-56, Cl. 40-130.5.
- Sturges, Robert A.: *See—*
- Sample, James H., and Sturges. 2,746,942.
- Sturgess, John B.: *See—*
- Dobbie, Thomas A., and Sturgess. 2,771,228.
- Sturgis Posture Chair Co.: *See—*
- Fisher, Walter M. 2,760,562.
- Sturm, Erwin. Rotary pump and motor hydraulic transmission. 2,750,895, 6-19-56, Cl. 103-120.
- Sturm, Robert H. Piezo-electric devices. 2,759,241, 8-21-56, Cl. 29-25.35.
- Sturm, Robert H. Piezo-electric devices. 2,769,930, 11-6-56, Cl. 810-8.9.
- Sturm, Ruger and Co., Inc.: *See—*
- Ruger, William B. 2,753,529.
- Struman, Isidore. Adjustable shoe heel. 2,767,489, 10-23-56, Cl. 36-34.
- Sturmeier Archer Gears Ltd.: *See—*
- Brown, William. 2,769,354.
- Sturtevant Mill Co.: *See—*
- Doyle, William T. 2,773,650.
- Doyle, William T. 2,774,476.
- Marchant, John H. 2,763,437.
- Sturtz, Lawrence G.: *See—*
- Beatty, David L., to Sturtz. 2,733,642.
- Sturtzer, August, to Schloemann Aktiengesellschaft. Shearing machines. 2,766,824, 10-16-56, Cl. 164-47.
- Sturz, Anna. Corset. 2,731,638, 1-24-56, Cl. 2-39.
- Sturz, Anna. Health corset. 2,731,639, 1-24-56, Cl. 2-39.
- Stüttgen, Ruth, to H. H. Schmitt-Pharmazeutische Fabrik G. m. b. H. Antihistaminic compounds. 2,754,296, 7-10-56, Cl. 260-211.
- Stutz & Cie.: *See—*
- Stutz, Walter. 2,747,728.
- Stutz, Robert C.: *See—*
- King, De Witt L., and Stutz. 2,745,171.
- Stutz, Rolf. Hearing aid casing. 2,775,652, 12-25-56, Cl. 179-107.
- Stutz, Walter, to Stutz & Cie. Apparatus for removing thread wastes on thread carriers used in textile machines. 2,747,728, 5-29-56, Cl. 203-355.
- Stutzman, Guy R.: *See—*
- Potter, Kenneth P., and Stutzman. 2,770,420.
- Stutzman, Leroy F.: *See—*
- Thodos, George, and Stutzman. 2,753,012.
- Stuyts, Andreas L.: *See—*
- Gorter, Evert W., Rathenau, and Stuyts. 2,762,778.
- Styer, James M. Aerating device. 2,738,613, 3-20-56, Cl. 43-56.
- Styles, Leonard W., to Gestetner Ltd. Sheet feeding mechanisms. 2,775,451, 12-25-56, Cl. 271-61.
- Styles, Leonard W., and H. J. Picking, to Gestetner Ltd. Stencil duplicating machines. 2,730,042, 1-10-56, Cl. 101-122.
- Süberkrub, Franz A. Fluid coupling. 2,730,877, 1-17-56, Cl. 64-26.
- Subias, Ruiz. Figure toy with movable eyes. 2,733,546, 2-7-56, Cl. 46-135.
- Sublett, Ira, to Fairmont Railway Motors, Inc. Railway track appliances. 2,762,313, 9-11-56, Cl. 104-16.
- Sublett, Ira, and C. D. Johnson, to Fairmont Railway Motors, Inc. Hydraulic driving apparatus. 2,731,796, 1-24-56, Cl. 60-51.
- Sublette, William M. Projectile with gas seal therearound. 2,759,421, 8-21-56, Cl. 42-92.5.
- Sublinsky, Lee A., to Hercules Powder Co. Bromodehydroabietic acid derivatives. 2,744,100, 5-1-56, Cl. 260-97.
- Sublinsky, Lee A., to Hercules Powder Co. 9(10)-dehydrodehydroabietic acid derivatives. 2,744,101, 5-1-56, Cl. 260-99.
- Sublinsky, Lee A., to Hercules Powder Co. Acetoxyldehydroabietic acid derivatives. 2,744,102, 5-1-56, Cl. 260-99.
- Sublinsky, Lee A., to Hercules Powder Co. 1,2,3,4,4a,9,10,10a-octahydro-9-hydroxy-1-hydroxymethyl-7-isopropenyl-1,4-dimethylphenanthrene. 2,750,865, 6-12-56, Cl. 260-97.
- Sublinsky, Lee A., to Hercules Powder Co. 9-oxodehydroabietyl alcohol and process of preparation. 2,750,370, 6-12-56, Cl. 260-99.
- Sublinsky, Lee A., to Hercules Powder Co. Products from the oxidation of the lactone of hydroxytetrahydroabietic acid. 2,750,371, 6-12-56, Cl. 260-99.
- Sublinsky, Lee A., to Hercules Powder Co. 1,2,3,4,4a,9,10,10a-octahydro-7,9-dihydroxy-1-hydroxymethyl-1,4-dimethylphenanthrene and process. 2,750,425, 6-12-56, Cl. 260-619.
- Sublinsky, Lee A., to Hercules Powder Co. 9-oxodehydroabietyl alcohol and process of preparation. 2,750,370, 6-12-56, Cl. 260-99.
- Heinze, Robert V. 2,754,098.
- Submerged Log Co. Ltd.: *See—*
- Swannell, Alexander C. 2,754,479.
- Suckke, Frederick M., to Pioneer Heddle and Reed Co., Inc. Heddle bar support. 2,739,617, 3-27-56, Cl. 139-82.
- Suckke, Frederick M., to Pioneer Heddle and Reed Co., Inc. Heddle bar support. 2,739,618, 3-27-56, Cl. 139-82.
- Suciu, Mary. Hot water bottle cover. 2,770,275, 11-13-56, Cl. 159-52.
- Suck, Harvey M. Rotary cultivator. 2,766,675, 10-16-56, Cl. 97-212.
- Suckfüll, Fritz: *See—*
- Dittmar, Gerhard, Putter, and Suckfüll. 2,734,052.
- Schmidt, Karl, Müller, Pütter, Suckfüll, and Dittmar. 2,753,344.
- Suckno, I. & J. Co.: *See—*
- Schott, Henry. 2,767,959.
- Suddesche Kalkstickstoffwerke Aktiengesellschaft: *See—*
- Sudekum, Ralph H., to E. I. du Pont de Nemours and Co. Chlorosulfonated hydrocarbon polymer compositions containing anti-gelling agents. 2,752,317, 6-26-56, Cl. 260-29.
- Sudekum, Ralph H., to E. I. du Pont de Nemours and Co. Stabilized chlorosulfonated hydrocarbon polymer compositions. 2,757,155, 7-31-56, Cl. 260-30.4.
- Sudman, Israel H., to the United States of America as represented by the Secretary of the Navy. Electronic timer for speed measurement. 2,768,349, 10-23-56, Cl. 324-70.
- Sudwerke Motoren- und Kraftwagenfabriken G. m. b. H.: *See—*
- Cambels, Walter, and Haase. 2,765,782.
- Suen, Tzeng J., to American Cyanamid Co. Shrinkage control of cellulose and wool textiles with diglycidyl ether compounds. 2,730,427, 1-10-56, Cl. 8-116.
- Suen, Tzeng J., and A. M. Schiller, to American Cyanamid Co. Rotary well drilling and composition therefor. 2,730,497, 1-10-56, Cl. 252-8.5.
- Suen, Tzeng J., and A. M. Schiller, to American Cyanamid Co. Water soluble resinous compositions and process of preparing same. 2,730,516, 1-10-56, Cl. 260-67.6.
- Suen, Tzeng J., and Y. Jen, to American Cyanamid Co. Melamine-formaldehyde-polyamine condensation product. 2,769,796, 11-6-56, Cl. 260-45.2.
- Suen, Tzeng J., and Y. Jen, to American Cyanamid Co. Melamine resins modified with polyalkylene polyamine-halohydrin condensates. 2,769,797, 11-6-56, Cl. 260-45.2.
- Suen, Tzeng J., and Y. Jen, to American Cyanamid Co. Melamine modified melamine resins. 2,769,799, 11-6-56, Cl. 260-67.6.
- Suen, Tzeng J., and Y. Jen, to American Cyanamid Co. Polyamine modified melamine-formaldehyde resins. 2,769,800, 11-6-56, Cl. 260-67.6.
- Suen, Tzeng-Jueq, and A. M. Schiller, to American Cyanamid Co. Sulfonated methylol acrylamide polymers and their preparation. 2,761,834, 9-4-56, Cl. 252-8.5.
- Suen, Tzeng-Jueq, and A. M. Schiller, to American Cyanamid Co. Sulfonated methylol acrylamide copolymers. 2,761,856, 9-4-56, Cl. 260-79.3.
- Suerken, Maxwell C., to Lamac Process Co. Shoe press pad. 2,745,123, 5-15-56, Cl. 12-38.
- Suerken, Maxwell C., to Lamac Process Co. Clicking machine. 2,760,569, 8-28-56, Cl. 164-25.
- Suerken, Maxwell C., to Lamac Process Co. Shoe press pad. 2,772,428, 12-4-56, Cl. 12-38.
- Suess, Edwin H. Flexible closure for cars and the like. 2,738,006, 3-13-56, Cl. 160-368.
- Sugar Research Foundation, Inc.: *See—*
- Heldt, Lawrence J. 2,758,040.



- Sugarman, Meyer L., Jr., to Radio Corp. of America. Electrostatic photographic printing. 2,758,524, 8-14-56, Cl. 95—1.3.
- Sugarman, Meyer L., Jr. to Radio Corp. of America. Electrostatic printing. 2,758,938, 8-14-56, Cl. 117—17.5.
- Sugarman, Nathan, to Georgia Tech Research Institute. Process for simultaneously extracting oil and protein from oleaginous materials. 2,762,820, 9-11-56, Cl. 260—412.3.
- Sugden, Eric W., to Parmitter, Hope & Sugden Ltd. Electric fuses. 2,773,151, 12-4-56, Cl. 200—131.
- Suggs, James A. Telescopic bath tub safety hand rail. 2,736,904, 3-6-56, Cl. 4—18.5.
- Suggs, Thomas F., to Cocker Machine & Foundry Co. Variable speed drive apparatus. 2,734,253, 2-14-56, Cl. 28—36.
- Sugimoto, Roy. See—James B. Sugimoto, and Dittmar. 2,734,910.
- Suhl, Harry. See—Pierce, John R., and Suhl. 2,743,322.
- Suhr, Henry B., to American Potash & Chemical Corp. Process for the separation of sodium tetraborate from liquors containing both sodium tetraborate and potassium chloride. 2,738,254, 3-13-56, Cl. 23—38.
- Suits, Chauncey G., to General Electric Co. High temperature high pressure reactor. 2,745,713, 5-15-56, Cl. 23—1.
- Sukacev, Lev. Self-heating containers. 2,733,709, 2-7-56, Cl. 126—262.
- Sulgra, Armas J. Automatic casting machine. 2,763,904, 9-25-56, Cl. 22—79.
- Sukow, Donald N. See—Pray, Blaine O., and Sukow. 2,759,981.
- Sulcek, Charles E., to Whirlpool-Seeger Corp. Refrigerator door construction. 2,764,785, 10-2-56, Cl. 20—35.
- Sulga, John F. See—Underwood, Ivan L., and Sulga. 2,755,124.
- Sulger, Jakob, to L. Schuler A.-G. Stamping and shearing machine tools. 2,738,840, 3-20-56, Cl. 164—12.
- Sulger, Jakob, to L. Schuler A. G. Bearing structure. 2,738,841, 3-20-56, Cl. 74—595.
- Sulger, Joseph F. Indicator. 2,748,514, 6-5-56, Cl. 40—70.
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- Sulick, Joseph F., and Sulich. 2,772,974.
- Sulich, John, Jr., and C. E. Herrick, Jr., to General Aniline & Film Co. Method of improving rate of ammonia development of light sensitive diazotype materials. 2,755,185, 7-17-56, Cl. 95—6.
- Sullivan, Alan P., to Bailey Meter Co. Gas analysis and combustion control apparatus. 2,762,568, 9-11-56, Cl. 23—15.
- Sullivan, Alan P. Jr. See—Weilhard, John, and Sullivan. 2,742,491.
- Sullivan, Archie L. Ventilating hole drilling machine supporting frame. 2,730,334, 1-10-56, Cl. 255—51.
- Sullivan, Clifford E. Hydraulic booster drive for motor vehicle. 2,733,771, 2-7-56, Cl. 60—66.
- Sullivan, Cornelius D. Combination masher and fork. 2,773,530, 12-11-56, Cl. 146—204.
- Sullivan, Daniel M. Electrical contact or circuit component. 2,744,180, 5-1-56, Cl. 200—166.
- Sullivan, Ernest R., to Washington H. Soul Pattinson and Co. Ltd. Hypodermic needle injector. 2,730,099, 1-10-56, Cl. 128—218.
- Sullivan, Frank A. V., to American Cyanamid Co. N,N'-alkyl-enebisbenzothiazolizenes. 2,744,896, 5-8-56, Cl. 260—243.
- Sullivan, Frank A. V., to American Cyanamid Co. Preparation of *o*-oxydithylene benzothiazolesulfenamide. 2,758,995, 8-14-56, Cl. 260—247.1.
- Sullivan, Frank A. V., and A. R. Davis, to American Cyanamid Co. Tris-phenols. 2,773,907, 12-11-56, Cl. 260—619.
- Sullivan, George C. See—Lebold, Jack W., and Sullivan. 2,767,461.
- Sullivan, George C. Gun tool of expanded cellular plastic material. 2,753,642, 7-10-56, Cl. 42—71.
- Sullivan, George D. Combined ornamental charm and housing. 2,731,812, 1-24-56, Cl. 63—23.
- Sullivan, Harold W. Fat saver vessel for gravy and the like. 2,765,105, 10-2-56, Cl. 222—510.
- Sullivan, James D. See—Healy, James H., and Sullivan. 2,754,222.
- Sullivan, John J. Hypodermic syringe. 2,735,427, 2-21-56, Cl. 128—218.
- Sullivan, John J., and L. H. Martell. Fishing lures. 2,744,956, 4-10-56, Cl. 43—42.03.
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- Sullivan, John K., to The Goodyear Tire & Rubber Co. Neodymium chloride as catalyst in production of polyesters. 2,740,768, 4-3-56, Cl. 260—75.
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- Sullivan, Lawrence J., to N. E. Griffin. Containers. 2,742,218, 4-17-56, Cl. 229—6.
- Sullivan, Marie Jo. See—Elslager, Edward F., Short, and Sullivan. 2,773,064.
- Sullivan, Mary W. Educational and amusement device. 2,747,298, 5-29-56, Cl. 35—26.
- Sullivan, Michael. Choke collar. 2,743,702, 5-1-56, Cl. 119—106.
- Sullivan, Miles V., to Bell Telephone Laboratories, Inc. Deposition of metal films from carbonyls. 2,759,848, 8-21-56, Cl. 117—107.
- Sullivan, Neil. See—Cockran, Reginald W. J., Sullivan, and Wilkerson. 2,736,459.
- Sullivan, Norman M., to The Alvey Ferguson Co. Adjustable width roller skate-type gravity conveyor. 2,740,513, 4-3-56, Cl. 193—35.
- Sullivan, Patrick. See—Barnard, Kenneth N., Greenblatt, and Sullivan. 2,732,417.
- Sullivan, Paul A., to Hazeltine Research, Inc. Temperature-controlled time-delay signal-translating device. 2,760,165, 8-21-56, Cl. 333—30.
- Sullivan, Raymond H. See—Dyer, John B., and Sullivan. 2,735,029.
- Sullivan, Raymond H., and F. R. Contant, to General Motors Corp. Electric clock ratchet drive. 2,741,083, 4-10-56, Cl. 58—28.
- Sullivan, Raymond H., and P. R. Contant, to General Motors Corp. Electric balance clock. 2,768,495, 10-30-56, Cl. 58—28.
- Sullivan, Richard A., and J. L. Adrian, to Curtiss-Wright Corp. Aeronautical propeller low pitch limit stop. 2,763,328, 9-18-56, Cl. 170—160.3.
- Sullivan, Richard C. Concrete form support. 2,763,048, 9-18-56, Cl. 25—131.
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- Sullivan, Robert H., to E. I. du Pont de Nemours and Co. Purification of dimethyl terephthalate. 2,753,369, 7-3-56, Cl. 260—475.
- Sullivan, Robert W., and E. V. Hudson, to The Budd Co. Method of making slatted plow moldboard. 2,760,253, 8-28-56, Cl. 29—14.
- Sullivan, Roger M., 1/2 to J. J. O'Connell. Structural toy outfit. 2,732,654, 1-31-56, Cl. 46—16.
- Sullivan, Ruth C. See—Ross, Eli. 2,774,976.
- Sullivan, Thomas J., to Avien, Inc. Capacitor. 2,759,134, 8-14-56, Cl. 317—246.
- Sullivan, Thomas J., C. H. Milligan, and G. F. Lillquist, to The American Agricultural Chemical Co. Manufacture of potassium fluoroborate. 2,738,253, 3-13-56, Cl. 23—59.
- Sullivan, Vincent A., Jr., and Z. J. Ptasiński, to The Stepan Chemical Co. Detergent purification. 2,768,957, 10-30-56, Cl. 252—153.
- Sullivan, William J. Animated display device. 2,770,073, 11-13-56, Cl. 46—239.
- Sullivan, William J., and F. H. Babers, dedicated to the free use of all people in the Territory of the United States. Method of applying lindane. 2,750,252, 6-12-56, Cl. 21—53.
- Sullivan, Woodruff T. Mechanism for ejecting shuttles in looms. 2,760,521, 8-28-56, Cl. 139—134.
- Suloff, Paul D. See—Kilborn, Karl, and Suloff. 2,740,459.
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- Sulzer, Peter G., to F. H. McIntosh. Oscillators. 2,764,643, 9-2-56, Cl. 36—10.
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- Sumersett Products Co. See—PHELPS, Charles F. 2,760,701.
- Sumey, Ivan E., to International Harvester Co. Pneumatic conveyor for cotton pickers. 2,771,322, 11-20-56, Cl. 302—37.
- Sumiya, Shinzo. Liquid evaporating apparatus. 2,746,536, 5-22-56, Cl. 159—17.
- Summerer, William H., and A. L. Ketchum, to Admiral Corp. Telemeter line support. 2,738,500, 3-13-56, Cl. 340—367.
- Summerhayes, Harry R., Jr., to E. E. Anderson, and E. S. Anderson, to General Electric Co. Automatic container inspection equipment. 2,750,519, 6-12-56, Cl. 250—214.
- Summerlin, Frederick A. See—Sedgfield, Hugh B., and Summerlin. 2,730,573.
- Summerlin, Marion J., to National Metal Products Co., Inc. Lawn mower propelling mechanism. 2,764,268, 9-25-56, Cl. 192—096.
- Summers, Charles W. Vertically adjustable wheel support for livestock operating table. 2,767,997, 10-23-56, Cl. 44—24.
- Summers, Gerald C., to Socony Mobil Oil Co., Inc. Mud correction for velocity well logging. 2,768,701, 10-30-56, Cl. 181—0.5.
- Summers, Gerald C., and J. O. Ely, to Socony Mobil Oil Co., Inc. Electromechanical acoustic pulser. 2,737,639, 3-6-56, Cl. 181—0.5.
- Summers, Gerald C., and R. A. Broding, to Socony Mobil Oil Co., Inc. Metallic coupling means for acoustic logging. 2,742,629, 4-17-56, Cl. 340—18.
- Summers Gyroscope Co. See—Dolunde, Roman J. 2,734,385.
- Elmer, Edward M. 2,763,052.
- Summers, J. Mills. Quick acting fastener. 2,757,429, 8-7-56, Cl. 24—221.
- Summers, Kenneth A. Torque and weight control apparatus. 2,754,086, 7-10-56, Cl. 255—28.

- Summers, Neil W. : See—  
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- Summers, Neil W., and A. B. Skromme, to Deere Mfg. Co. Reel structure for agricultural harvester. 2,748,556, 6-5-56, Cl. 56—400.
- Summers, Seber S., Threshing machine for vegetables and grains. 2,771,067, 11-20-56, Cl. 130—30.
- Summers, Thomas O., Jr. Gyroscopic control instrument. 2,728,979, 1-3-56, Cl. 74—5.34.
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- Summers, Thomas O., Jr. Spring-driven gyroscopes. 2,732,721, 1-31-56, Cl. 74—5.41.
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- Summers, William J., to General Patent Corp. Coin selectors of the gravity type. 2,766,865, 10-16-56, Cl. 194—97.
- Summit Trust Co., The : See—  
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- Sumner, Harold A. Automobile air conditioner. 2,752,842, 7-3-56, Cl. 98—2.
- Sumner Iron Works : See—  
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- Sun Oil Co. : See—  
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- Sunbeam Lighting Co. : See—  
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- Sundback, Paul P. Method of hobbing steels. 2,765,689, 7-24-56, Cl. 76—107.
- Sundback, Raymond A., to The M. W. Kellogg Co. Corrosion-resistant filters. 2,768,144, 10-23-56, Cl. 252—417.
- Sundberg, Carl W. : See—  
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- Sundberg, Carl W., to Reo Motors, Inc. Baby stroller and latching mechanism therefor. 2,751,232, 6-19-56, Cl. 280—41.
- Sundberg, Erik G., and B. G. Ousback, to Aktiebolaget Tudor. Method and means for drying accumulator electrodes. 2,747,008, 5-22-56, Cl. 136—33.
- Sundberg, Johannes G. Replacement cap for collapsible tubes. 2,755,975, 7-24-56, Cl. 222—498.
- Sundberg, Robert L. : See—  
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- Sundberg, Robert L., to General Aniline & Film Corp. Production of N,N-polyoxyethylated rosin amines. 2,742,455, 4-17-56, Cl. 260—102.
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- Sundt, Conrad J., to Malmstrom Chemical Corp. Fractionation of lanolin oil. 2,758,125, 8-7-56, Cl. 260—428.5.
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- Sunden, Stuart O., 40% to P. Fries, Jr. Lubricant feed and lubricating device. 2,760,598, 8-28-56, Cl. 184—103.
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- Sunderland, Oswald O. Sight mechanism for firearms. 2,774,143, 2-18-56, Cl. 53—56.
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- Sundin, Anders T., and H. N. Nilsson. Automatic switching device for radio, amplification, and similar systems. 2,766,378, 10-9-56, Cl. 250—27.
- Sundquist, Andrew. Building structures. 2,752,708, 7-3-56, Cl. 40—125.
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- Sundstrand, Oscar J., and O. W. Swanson, to Underwood Corp. Line-space control mechanism for flat platen typewriter or the like. 2,770,344, 11-13-56, Cl. 597—124.



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 Surbeck, Leighton H. Self-threading sewing machine needles. 2,767,670, 10-23-56, Cl. 112—224.  
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 Kelley, Gilbert A. 2,758,389.  
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 Surgi, Sidney R. Chain saw attachment with lubricating means. 2,748,809, 6-5-56, Cl. 143—32.  
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 Surrey, Alexander R., to Sterling Drug Inc. 4-alkyl-3-morpholones, 4-alkyl-3-homomorpholones and their preparation. 2,771,468, 11-20-56, Cl. 260—247.7.  
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 Süss, Oskar, M. P. Schmidt, and M. Glos, to Azoplate Corp. Light sensitive material for photomechanical reproduction. 2,773,765, 12-11-56, Cl. 96—53.  
 Süss, Oskar, and K. Möller, to Azoplate Corp. Light-sensitive material for photomechanical reproduction and process for the production of images. 2,773,766, 12-11-56, Cl. 96—53.  
 Suser, George E. Overall cover for water closets and flush bowls. 2,749,968, 6-12-56, Cl. 155—1.  
 Suski, Henry M., and M. H. Steward. Radio relay with 270° receiver signal suppression. 2,736,797, 2-28-56, Cl. 250—15.  
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 Suter, George D., to Globe-Union Inc. Low tension spark plugs. 2,760,099, 8-21-56, Cl. 313—131.

- Suter, Hans, H. Zutter, and H. Widler, to Cilag Ltd. New aliphatic acid amide derivatives and processes for the production thereof. 2,765,358, 10-2-56, Cl. 260-562.
- Suter, Oswald: *See*—
- Barnett, Arthur R., Suter, and Abs. 2,770,887.
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- Sutherland, Daniel M., to L. M. Sutherland and D. G. Sutherland, trustees. Breaker traps. 2,765,712, 10-9-56, Cl. 92-28.
- Sutherland, Douglas G.: *See*—
- Sutherland, Daniel M. 2,765,712.
- Sutherland, Gail R.: *See*—
- McClellan, Marcus E., Skromme, Sutherland, Adams and Griffin. 2,746,233.
- Sutherland, Gail R., B. V. Gustafson, and A. B. Skromme, to Deere Mfg. Co. Rotor construction for ensilage and forage cutter. 2,731,995, 1-24-56, Cl. 146-108.
- Sutherland, Leslie H.: *See*—
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- Sutherland, Lionel M.: *See*—
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- Annen, James E. 2,732,114.
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- Burbank, Wendell T. 2,766,877.
- Burbank, Wendell T. 2,771,186.
- Buttery, Kenneth T. 2,736,138.
- Buttery, Kenneth T. 2,738,057.
- Buttery, Kenneth T. 2,755,986.
- Buttery, Kenneth T. 2,762,555.
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- Coe, Merrill J. 2,730,232.
- Galbraith, Martin, and Burbank. 2,734,375.
- Haas, Richard G. 2,741,957.
- Vander Lugt, Thomas, Jr. 2,738,871.
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- Vander Lugt, Thomas, Jr. 2,759,654.
- Zinser, Clay M. 2,761,614.
- Sutherland, William L., to P. Peirce. Roll centering apparatus. 2,741,440, 1-10-56, Cl. 242-76.
- Sutherst, Tom, to Beloit Iron Works. Paper-making machines. 2,764,068, 9-25-56, Cl. 92-49.
- Sutphen, Fred G., J. J. Canfield, R. L. Myers, J. E. Sams, and R. S. Burns, to Armo Steel Corp. Method of treating iron or mild steel to promote the adherence of porcelain enamel, and stock so produced. 2,755,210, 7-17-56, Cl. 148-16.
- Sutter, Arvid J. Doorknob extension handles. 2,756,088, 7-24-56, Cl. 292-347.
- Sutter, Edwin W., to B. W. Anti-skid device for automobiles. 2,767,809, 10-23-56, Cl. 188-4.
- Sutter, John H., to Owens-Illinois Glass Co. Glass block ventilating device. 2,738,838, 3-20-56, Cl. 160-95.
- Sutton, Elaine M.: *See*—
- Data, John B. and Sutton. 2,764,615.
- Sutton, Creel Y., and R. and P. B. Strong: said Sutton assor. to G. R. Strong. Picture hanger. 2,757,890, Cl. 248-31.
- Sutton, Emerson M. Liquid level switch. 2,756,301, 7-24-56, Cl. 200-83.
- Sutton, Ernest A., to Monsanto Chemical Co. Interpolymer latices and the process for preparing the same. 2,767,153, 10-16-56, Cl. 260-29.6.
- Sutton, Gerald J., to Griffin & George Ltd. Adjustable clamps. 2,731,696, 1-24-56, Cl. 24-247.
- Sutton, Mack: *See*—
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- Sutton, Melville G., and M. M. Reynolds, to West Laboratories, Inc. Germicidal iodine preparations. 2,759,869, 8-21-56, Cl. 167-70.
- Sutton, O. A. Corp., Inc.: *See*—
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- Swanson, Willis R., and Jewell. 2,756,812.
- Sutton, Otis B., to The Hoover Co. Wax applicators. 2,769,994, 11-13-56, Cl. 15-98.
- Sutton, Robert J., to General Electric Co. Control system for waste disposal apparatus. 2,742,236, 4-17-56, Cl. 241-36.
- Sutton, Robert T. Measuring soap dispenser for fluid lines. 2,744,789, 8-8-56, Cl. 209-84.
- Sutton, Robert W., to Bendix Aviation Corp. Carburetor. 2,733,901, 2-7-56, Cl. 261-41.
- Sutton, Robert W., and F. E. Seutt, to Bendix Aviation Corp. Carburetor. 2,757,913, 8-7-56, Cl. 261-23.
- Sutton, Wayne W. Multiple fire alarm circuit closer. 2,740,107, 3-27-56, Cl. 340-227.
- Suvada, Paul. Pallet attachment. 2,763,949, 9-25-56, Cl. 41-5.
- Superkrop, Lew. Geared angle indicator. 2,754,794, 7-17-56, Cl. 116-124.
- Suzuki, George S. Pie edge crimping and trimming device. 2,744,476, 5-8-56, Cl. 107-49.
- Svabek, John E., Jr., to Crane Co. Wall-hung closet carrier. 2,752,612, 7-3-56, Cl. 4-252.
- Svabek, John E., Jr., C. R. Stone, and E. G. Schmidt, to Crane Co. Flapper flush valves. 2,756,437, 7-31-56, Cl. 4-57.
- Svanstrom, Kjell A., and W. R. Opie, to National Lead Co. Electrolytic production of titanium. 2,749,295, 6-5-56, Cl. 204-65.
- Svarz, Jerry J.: *See*—
- Sifferd, Robert H., and Svarz. 2,746,977.
- Svec, Emil F.: *See*—
- Staller, Karel J., and Svec. 2,736,079.
- Staller, Karel J., and Svec. 2,772,469.
- Sveda, Steve J.: *See*—
- Threlfall, Mary J. and R., Hawanczak, and Sveda. 2,733,881.
- Svehag, Oswald C. 1/2 to E. N. Fralick. Nail puller. 2,753,151, 7-3-56, Cl. 254-26.
- Svensden, Konrad S., to Combustion Engineering, Inc. Tilting burner mechanism. 2,773,460, 12-11-56, Cl. 110-28.
- Svensdgaard, Lars. Coffee brewing apparatus. 2,730,034, 1-16-56, Cl. 283-83.
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- Persson, Walther P. S., and Svenningson. 2,765,150.
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- Möller, Hugo. 2,761,405.
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- Svenska Aktiebolaget Polva: *See*—
- Hageltorn, Bror H. 2,739,089.
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- Lefler, Nils G. 2,774,397.
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- Ählen, Karl G. 2,750,017.
- Boestad, Gustav K. W., and Lindhagen. 2,765,979.
- Nilsson, Hans R., and Persson. 2,755,990.
- Persson, Walther P. S., and Svenningson. 2,765,150.
- Svenska Skifferolje Aktiebolaget: *See*—
- Ljungström, Fredrik. 2,752,195.
- Svenskan Svarn, H., to L&B-Produktor Fabriksaktiebolag. Interferometer for wind tunnels. 2,740,319, 4-3-56, Cl. 88-14.
- Svensson, Svante H., to L. K. B.-Produktor Fabriksaktiebolag. Refractometer. 2,741,942, 4-17-56, Cl. 88-14.
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- Svirsky, Bennett, to Free-Gold Enterprises, Inc. Antisiphoning structure for ball cocks. 2,730,117, 1-10-56, Cl. 137-22.
- Svirsky, Bennett, to Free-Gold Enterprises, Inc. Water control for closet tanks. 2,730,122, 1-10-56, Cl. 137-437.
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- Svoboda, Edward P., and H. H. Lathrop. Manual control for automatic transmissions. 2,730,909, 1-17-56, Cl. 74-472.
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- Jones, Robert H., and Svoboda. 2,747,238.
- Svoboda, Martin C., to M. J. Hannon. Tractor-trailer control connection and anti-slack device therefor. 2,730,183, 1-10-56, Cl. 180-14.
- Svoren, Martin J., to Allover Mfg. Co. Foot massager. 2,742,037, 4-17-56, Cl. 128-41.
- Svrček, Steven. Atomizing nozzles. 2,738,229, 3-13-56, Cl. 299-120.
- Swabb, Lawrence E., Jr.: *See*—
- Martin, Homer Z., Nicolai, and Swabb. 2,763,597.
- Swadberg, Irene V.: *See*—
- Woodruff, Rollin W., and Swadberg. 2,756,578.
- Swadesh, Samuel, to The Quaker Oats Co. Catalytic production of furfuryl alcohol and catalyst therefor. 2,754,304, 7-10-56, Cl. 260-347.8.
- Swain, Charles D., to Daimler Hire Ltd. Apparatus for cleaning vehicles. 2,756,759, 7-31-56, Cl. 134-99.
- Swain, Charles H. Cigarette and method of making the same. 2,754,828, 7-17-56, Cl. 131-4.
- Swain, Charles J., and R. V. Young, Jr., to Zephyr Manufacturing Co. Apparatus for and method of dimpling work sheets. 2,735,575, 3-20-56, Cl. 29-545.
- Swain, Kenneth W.: *See*—
- Kozacka, Frederick J., and Swain. 2,761,932.
- Swain, Kenneth W., to The Chase Shawmut Co. Method of forming contact structures of composite metals. 2,740,735, 4-3-56, Cl. 148-5.5.
- Swain, Norman R. Transmission control and guard. 2,773,398, 12-11-56, Cl. 74-473.
- Swaine, James W., and J. C. Sloan, Jr., to Allied Chemical & Dye Corp. Apparatus for effecting fluidization and suspension roasting of metallic sulfide ores. 2,733,137, 1-31-56, Cl. 23-277.
- Swaigood, Ralph H.: *See*—
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- Swalheim, Donald A., to E. I. du Pont de Nemours and Co. Electrodeposition of tin. 2,758,075, 8-7-56, Cl. 204-28.
- Swallert, Sven A. Pneumatic spike extractor. 2,735,649, 2-21-56, Cl. 254-18.



- Swallert, Sven A. Valve means. 2,771,899, 11-27-56, Cl. 137-224.
- Swamer, Frederic W.: See—  
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- Newman, Melvin S. and Swaminathan. 2,759,013.
- Swan, Alfred H., Jr. Articulated hose. 2,740,427, 4-3-56, Cl. 138-56.
- Swan, Carl W., to Teletypesetter Corp. Control unit for composing machines. 2,763,363, 9-18-56, Cl. 199-18.
- Swan, Charles R. Toy rocket and parachute. 2,745,529, 6-5-56, Cl. 46-86.
- Swan, Harold A. Sprinkler spray head. 2,761,738, 9-4-56, Cl. 299-126.
- Swan, Harold A. Sprinkler head. 2,767,024, 10-16-56, Cl. 299-120.
- Swan, William S. Fruit juice dispenser. 2,774,393, 12-18-56, Cl. 141-18.
- Swanenburg, John J.: See—  
Callahan, Francis M., and Swanenburg. 2,729,672.
- Swaney, Farris J.: See—  
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- Swann, Carl C. Method of coating fibers, thread, and/or filamentary material. 2,730,455, 1-10-56, Cl. 117-4.
- Swann, Edward R., to The Hoover Co. Wrap on flexible hose to nipple joint. 2,763,499, 9-18-56, Cl. 285-254.
- Swann, Ernest D.: See—  
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- Swann, Edwin D., and H. M. Gurwitz, to Schenley Industries, Inc. Toy figure. 2,764,842, 10-2-56, Cl. 46-157.
- Swann, James S., to Standard Railway Equipment Mfg. Co. Coupler operating rod bracket. 2,735,555, 2-21-56, Cl. 23-171.
- Swann, James S., to Standard Railway Equipment Mfg. Co. Rolled metal section. 2,748,723, 6-5-56, Cl. 105-406.
- Swann, Raymond A., to Joy Mf. Co. Electrical connector. 2,748,359, 5-29-56, Cl. 339-28.
- Swanwell, Alexander C.,  $\frac{1}{2}$  to The Submerged Log Co. Ltd. Sponges and measuring devices. 2,754,479, 7-10-56, Cl. 524-70.
- Swansen, Earl E.: See—  
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- Swanson, Albert J., and R. C. Swanson. Bench plane. 2,758,619, 8-14-56, Cl. 145-5.
- Swanson, Arden E., to The Day Co. Cleaning device for air filters. 2,729,304, 1-3-56, Cl. 133-61.
- Swanson, Bernard A. Fluid pressure operated reciprocating vibratory sheet material cutting shears. 2,763,060, 9-18-56, Cl. 30-228.
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- Swanson, Carl A. Laundry iron. 2,729,004, 1-3-56, Cl. 38-93.
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- Swanson, Edward W., to Admiral Corp. Picture tube support. 2,738,501, 3-13-56, Cl. 340-367.
- Swanson, Francis J. Vaccinating gun. 2,735,431, 2-21-56, Cl. 128-224.
- Swanson, Gunnar E. Method of key biting. 2,754,701, 7-17-56, Cl. 76-110.
- Swanson, Gunnar E., Padlock. 2,759,350, 8-21-56, Cl. 70-38.
- Swanson, Harry G., to General Electric Co. Gyro setting device. 2,737,053, 3-6-56, Cl. 74-5.4.
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- Swanson, Kenneth P.: See—  
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- Swanson, Oscar W., to Underwood Corp. Type bar control for accounting machines. 2,765,736, 10-9-56, Cl. 101-93.
- Swanson, Oscar W., to Underwood Corp. Check writing accounting machine. 2,770,187, 11-13-56, Cl. 101-93.
- Swanson, Ronald C.: See—  
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- Swanson, Victor T., to Wire Machinery Corp. of America, Inc. Cable twisting, wrapping, and reeling mechanism. 2,763,979, 9-25-56, Cl. 57-66.5.
- Swanson, William E. Precast concrete wall construction. 2,741,908, 4-17-56, Cl. 72-16.
- Swanson, Willis R., The Rounds & Porter Lumber Co., Inc. Log barker having flop-over cutterhead. 2,769,468, 11-6-56, Cl. 144-208.
- Swanson, Willis R., and B. W. Jewell, to The O. A. Sutton Corp., Inc. Centrifugal gas burner. 2,756,812, 7-31-56, Cl. 158-116.
- Swatwick, Thelmas, to Shell Development Co. Insecticidal emulsion concentrates. 2,765,255, 10-2-56, Cl. 167-43.
- Swart, Karel, K. L. Hagemans, and P. Otto, to Shell Development Co. Apparatus for the catalytic cracking of hydrocarbon oils. 2,743,993, 5-1-56, Cl. 23-288.
- Swart, Renska L. Article holders. 2,759,454, 8-21-56, Cl. 120-33.
- Swart, Richard H., to Carrier Corp. Method of returning oil from an element of a refrigeration system to the compressor thereof. 2,760,355, 8-28-56, Cl. 62-170.
- Swart, Richard H., to Carrier Corp. Piston construction. 2,775,494, 12-25-56, Cl. 309-12.
- Swart, Richard H., and R. W. Ayling, to Carrier Corp. Fabricated piston. 2,752,213, 6-26-56, Cl. 309-10.
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- Swartwout, Charles J., to The Swartwout Co. Control system. 2,759,129, 8-14-56, Cl. 317-123.
- Swartwout Co., The: See—  
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- Swartz, David L., to Radio Corp. of America. Electron tube stem. 2,775,641, 12-25-56, Cl. 174-50.61.
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- Swartz, James J.: See—  
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- Swartz, Robert B., to R. B. Cope. Washing machine and centrifugal drier. 2,729,336, 1-3-56, Cl. 210-72.
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- Swavelle, Guy F., to Armstrong Cork Co. Take-up mechanism. 2,752,798, 7-3-56, Cl. 74-242.8.
- Sway, Henry C., to General Electric Co. Centrifugal drainage pump. 2,746,393, 5-22-56, Cl. 103-103.
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- Swearingen, Judson S.: See—  
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- Swearingen, Judson S. Dynamic balancing apparatus. 2,740,298, 4-3-56, Cl. 73-478.
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- Swed, James P.: See—  
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- Swed, James P., to E. I. du Pont de Nemours and Co. Blast-ignition device. 2,752,849, 7-3-56, Cl. 102-25.
- Swedberg, Vernon E.: See—  
Schmitt, Roland G., Raddatz, and Swedberg. 2,765,234.
- Schmitt, Roland G., and Swedberg. 2,733,751.
- Swede, Harald, to Berghom & Co. A-B. Vending machines. 2,773,580, 12-11-56, Cl. 194-54.
- Sweden Freezer Mfg. Co.: See—  
Latham, Morton E., and Baudat, and Ryder. 2,746,730.
- Swedish Crucible Steel Co.: See—  
McElligott, Edward M. 2,774,992.
- Phillips, David. 2,742,649.
- Swedlow Plastics Co.: See—  
Latham, Morton E. 2,750,320.
- Swedlund, Lloyd B.: See—  
Saunders, Romaine, Jr., and Swedlund. 2,760,098.
- Swedlund, Lloyd E., to Radio Corp. of America. Cathode ray picture tube. 2,740,062, 3-27-56, Cl. 313-64.
- Swedlund, Lloyd E., to Radio Corp. of America. Ion trap electron gun. 2,744,208, 5-1-56, Cl. 313-78.
- Sween, Leo F.,  $\frac{1}{2}$  to H. H. Hart. Double cup. 2,747,387, 5-29-56, Cl. 65-13.
- Sween, Harold: See—  
Ringen, Albert, and Sween. 2,767,963.
- Sweeney, B. K., Mfg. Co.: See—  
Abb, Edward T. 2,773,574.
- Hayward, Robert D. 2,757,563.
- Sweeney, Donald R., to Askania Regulator Co. Fluid catcher for jet pipes. 2,768,637, 10-30-56, Cl. 137-83.
- Sweeney, Harter E. Dispensing cigarette carton. 2,771,988, 11-27-56, Cl. 206-56.
- Sweeney, Maxwell P., to United Engineers & Constructors Inc. Condensing method and apparatus. 2,762,449, 9-11-56, Cl. 183-2.
- Sweeney, Morgan L., Jr., to The Parker Appliance Co. Dual valve for controlling liquid level. 2,774,379, 12-18-56, Cl. 137-87.
- Sweeney, William J., to Esso Research and Engineering Co. Catalyst regeneration process. 2,764,528, 9-25-56, Cl. 196-50.
- Sweeney, William J., and G. L. Matheson, deceased; The Summit Trust Co., the alternate executor, of said G. L. Matheson, to Esso Research and Engineering Co. Floating control for fluidized solids system. 2,741,546, 4-10-56, Cl. 23-288.
- Sweet, Alvin J.: See—  
Joris, George G., and Sweet. 2,772,145.
- Sweet, Corliss M. Ice skate with stabilizing runners. 2,764,417, 9-25-56, Cl. 280-11.12.

- Sweet, Donald H.: *See*—  
Belman George C. and Sweet. 2,752,994.
- Sweet, Everett W. to Aquex Development and Sales Corp. Process for making mineral wool. 2,728,949, 1-3-56, Cl. 18-47.3.
- Sweet, Monroe H., to General Aniline & Film Corp. Color temperature meter and color analyzer. 2,759,392, 8-21-56, Cl. 8-18-4.
- Sweet, Monroe H., to General Aniline & Film Corp. Rotating lamp intensity scale sensitometer. 2,762,278, 9-11-56, Cl. 98-10.
- Sweet, Robert E. Basketball game. 2,735,682, 2-21-56, Cl. 273-85.
- Sweet, Roger G.: *See*—  
Flook, Edward R., and Sweet. 2,735,745.
- Sweet, Sterling S., H. V. Horvath, P. T. Newsome, to Eastman Kodak Co. Polymeric linear terephthalate compositions and articles made therefrom. 2,743,250, 4-24-56, Cl. 260-31.2.
- Sweet, Stuart W.: *See*—  
Neuman, Herbert A., and Sweet. 2,731,025.
- Sweetman, Frank K.: *See*—  
Eichin, Arnold C., and Sweetman. 2,756,698.
- Sweetman, Leroy R., to the United States of America as represented by the Secretary of War. Vent for tapered bore gun. 2,742,821, 4-24-56, Cl. 89-14.
- Sweetman, William G. Gun perforator. 2,734,456, 2-14-56, Cl. 102-21.6.
- Sweetman, William G. Apparatus for releasing threaded pipe couplings. 2,745,374, Cl. 102-21.8.
- Sweetman, William G. Non-expendable gun for use in jet perforating. 2,761,383, 9-4-56, Cl. 102-20.
- Sweetman, William G. Device for cutting a pipe inside of a well. 2,761,384, 9-4-56, Cl. 102-21.8.
- Sweetnam, George E. Extendable sign exhibitor. 2,746,188, 5-22-56, Cl. 10-139.
- Sweetnam, George E. Changeable sign. 2,762,147, 9-11-56, Cl. 40-139.
- Sweets, Foster M., to National Cylinder Gas Co. Resonant high-frequency heating applicator. 2,732,471, 1-24-56, Cl. 219-10.55.
- Sweetser, Sumner B.: *See*—  
Dauber, Louis, and Sweetser. 2,762,234.
- Nicholson, Edward W. S., and Sweetser. 2,742,403.
- Sweetser, Sumner B., S. O. Bronson, II, and R. C. Morbeck, to Esso Research and Engineering Co. Catalytically sweetening of naphtha. 2,740,747, 4-3-56, Cl. 196-28.
- Sweetser, Sumner B., S. O. Bronson, II, and J. Weikart, to Esso Research and Engineering Co. Hydrodesulfurization process using a cobalt molybdate catalyst presulfided with the feed under specific conditions. 2,761,816, 9-4-56, Cl. 196-28.
- Sweetser, Sumner B., and S. O. Bronson, II, to Esso Research and Engineering Co. Hydrodesulfurization process with preconditions catalyst. 2,761,817, 9-4-56, Cl. 196-28.
- Sweetser, Sumner B., and J. Weikart, to Esso Research and Engineering Co. Process for hydrodesulfurization of coker products. 2,769,754, 11-6-56, Cl. 196-24.
- Swengel, Robert C. Fluid velocity measuring system. 2,746,291, 4-22-56, Cl. 13-104.
- Swengel, Robert C., to Minneapolis-Honeywell Regulator Co. Ultrasonic absorption measuring apparatus. 2,755,662, 7-24-56, Cl. 73-67.
- Swenholt, Sophie B. Hose rack. 2,747,823, 5-29-56, Cl. 248-85.
- Swenness, Benjamin A., to The Borg-Warner Corp. Transmission. 2,755,688, 7-24-56, Cl. 74-677.
- Svensen, Sigurd M. Ski binding provided with heel control device. 2,758,846, 8-14-56, Cl. 280-11.35.
- Svenson, Alfred G.: *See*—  
Zerveck, Richard J., Finlayson, and Svenson. 2,761,228.
- Svenson, Alfred G., to General Electric Co. Steam battery. 2,750,693, 6-19-56, Cl. 38-77.
- Svenson, Charles R., to Union Carbide and Carbon Corp. Separable ring fastener. 2,744,530, 5-8-56, Cl. 129-1.
- Svenson, Eskil W. Spreader. 2,738,901, 3-20-56, Cl. 222-177.
- Svenson, Eugene M.: *See*—  
Carlson, Carl R., Gagne, and Svenson. 2,758,353.
- Svenson, Eugene M., to Calumet Fluorocore Corp. Casting form. 2,771,656, 11-27-56, Cl. 25-121.
- Svenson, Harvey F. Dispensing freezer. 2,737,024, 3-6-56, Cl. 62-2.
- Svenson, Harvey F. Portion control for dispensing freezer. 2,746,260, 5-22-56, Cl. 62-4.
- Svenson, Harvey F. Batch feeders. 2,746,640, 5-22-56, Cl. 222-440.
- Svenson, Harvey F., A. A. Baudat and H. Ryder, to Sweden Freezer Mfg. Co. Dispensing freezer. 2,746,730, 5-22-56, Cl. 259-9.
- Svenson, Helen. Hooked rug method. 2,758,359, 8-14-56, Cl. 28-12.
- Svenson, James A., W. E. Burns, and R. H. Stead. Apparatus for waving hair. 2,772,681, 12-4-56, Cl. 132-40.
- Svenson, Marcus O.: *See*—  
Svenson, Paul F., and Cooperider. 2,772,834.
- Svenson, Oscar J.: *See*—  
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- Svenson, Oscar J., and D. W. Ryker, to Olin Mathieson Chemical Corp. Method of concentrating aqueous hydrazine. 2,774,726, 12-18-56, Cl. 202-87.
- Swenson, Paul F. and M. T. Cooperider. 37% to O. Wanek. 29% to K. J. Kitchen. 10% to P. F. Swenson. 10% to M. O. Swenson. 4% to M. T. Cooperider. 11% to W. G. Stupka. 11% to W. G. Stupka, trustee, 10% to J. A. Weeks, and 5% to E. P. Schneider, trustee. Steam turbine operated centrifugal pump mechanisms. 2,772,834, 12-4-56, Cl. 23-23.
- Swenson, Victor E., to Deere Mfg. Co. Shifter mechanism for transmission. 2,775,134, 12-25-56, Cl. 74-473.
- Swenson, William E., to Minneapolis-Moline Co. Engine. 2,737,933, 4-13-56, Cl. 123-41.53.
- Swenson, William E., to Minneapolis-Moline Co. Engine cooling and flywheel mechanism. 2,746,434, 5-22-56, Cl. 123-41.43.
- Swenson, William E., and F. C. Nielsen, to Minneapolis-Moline Co. Drive for tractor transmission and power take-off. 2,747,416, 5-29-56, Cl. 74-15.84.
- Swentzel, John P., to The Carborundum Co. Silicon nitride-bonded silicon carbide refractories. 2,752,258, 6-26-56, Cl. 106-44.
- Swerdlow, Jack, to Celanese Corp. of America. Preparation of amino nitriles. 2,762,835, 9-11-56, Cl. 260-465.5.
- Swerdlow, Nathan, to General Electric Co. Closure fastener and hinge construction. 2,744,654, 5-8-56, Cl. 220-55.
- Swerdlow, Nathan, to General Electric Co. Fastening device. 2,762,473, 9-11-56, Cl. 189-46.
- Swrn, Daniel: *See*—  
Knight, Hogan B., Koos, and Swern. 2,759,953.
- Knight, Hogan B., and Swern. 2,729,612.
- Swern, Daniel, J. E. Coleman, and H. B. Knight, to the United States of America as represented by the Secretary of Agriculture. Peroxides of long-chain olefinic compounds. 2,750,362, 6-12-56, Cl. 260-96.5.
- Swern, Daniel, and W. S. Port, to the United States of America as represented by the Secretary of Agriculture. Purification of long-chain vinyl esters and ethers. 2,756,222, 7-24-56, Cl. 260-96.5.
- Swett Bros. Heating & Appliance Co.: *See*—  
Swett, Russell F. 2,740,428.
- Swett, Russell F., to The Heating & Appliance Co. Duct construction. 2,740,428, 4-3-56, Cl. 138-75.
- Swett, William E.: *See*—  
Swett, William H. 2,762,127.
- Swett, William H., 1/2 to J. I. Black and 1/2 to W. E. Swett. 2,762,127, 9-11-56, Cl. 133-62.
- Sweynor, Stanley. Defrosting evaporators in refrigeration systems. 2,770,104, 11-13-56, Cl. 62-117.55.
- Swezey, Fenton H.: *See*—  
Hiller, Lejaren A., Jr., and Swezey. 2,773,866.
- Swickard, Ed. J., to the United States of America as represented by the United States Atomic Energy Commission. Liquid level indicator. 2,773,386, 12-11-56, Cl. 73-313.
- Swickley, Louis. Rolling mill guide. 2,762,245, 9-11-56, Cl. 80-51.
- Swidelsky, Anthony J., to Allis-Chalmers Mfg. Co. Means for spacing disk coils. 2,745,073, 5-8-56, Cl. 336-60.
- Swiech, Edward and V. A. Orthopedic torsion leg brace. 2,772,674, 12-4-56, Cl. 128-80.
- Swiech, Venas A.: *See*—  
Swiech, Edward and V. A. 2,772,674.
- Swieten, Albert. Thermostat mounting. 2,760,724, 8-28-56, Cl. 236-34.
- Swift, Arthur P.: *See*—  
Ray, William A., Davidson, Keller, and Swift. 2,774,847.
- Swift, Clifford L., to The Borg-Warner Corp. Transmission. 2,736,215, 2-28-56, Cl. 74-759.
- Swift & Co.: *See*—  
Bates, Robert W., Davis, and Morris. 2,751,304.
- Bollens, Walter F. 2,762,819.
- Boyer, Robert A. 2,730,447.
- Boyer, Robert A., and Saewert. 2,730,448.
- Brabets, Robert L., Hlavacek, and Fritz. 2,730,538.
- Bradford, Purdy. 2,730,539.
- Bradford, Purdy. 2,730,539.
- Bradford, Purdy, and Steiner. 2,730,170.
- Brown, Leo C., and Merker. 2,773,981.
- Narrow, Merritt L., and Stotts. 2,766,756.
- Eagle, Edward, and Norwood. 2,740,718.
- Faust, Ralph M. 2,732,575.
- Hale, Cedric, and Koonz. 2,756,155.
- Hensgen, Bernard T. 2,768,083.
- Hensgen, Bernard T., and Beland. 2,760,248.
- Hensgen, Bernard T., and Faust. 2,760,871.
- Hensgen, Bernard T., and Reichel. 2,759,434.
- Hensgen, Bernard T., Reichel, and Prohaska. 2,755,731.
- Hodges, William A., and Floyd. 2,748,939.
- Ingle, James D., and Nawrocki. 2,753,268.
- Lehner, Edwin C., and Brendle. 2,748,724.
- Long, Harry J. 2,764,778.
- Mattli, Karl F., and Sims. 2,759,829.
- Merker, Dwight R. 2,773,772.
- Frank, A., and Matz. 2,763,555.
- Ohlson, John L., and Hoerr. 2,730,530.
- Palmer, William E. 2,740,552.
- Pearce, Thomas J., and Mortenson. 2,755,176.
- Petersen, Lowell W. 2,744,570.
- Petersen, Lowell W. 2,762,429.
- Petersen, Lowell W. 2,773,545.
- Prohaska, James J. 2,730,281.
- Regensburger, Richard W. 2,737,683.
- Sanderson, Norval H. 2,755,322.
- Stahl, Raymond T. 2,729,890.



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- Stahl, Raymond T. 2,746,847.
- Thommen, Carl A. 2,760,868.
- Vander Wal, Robert J., Van Akkeren, and Buswell. 2,763,596.
- Van Dolah, Delos B. 2,732,583.
- Young, Harland H., and Black. 2,740,799.
- Swift, Irvin H., to the United States of America as represented by the Secretary of the Navy. Current trap for interconnecting two generators. 2,753,466, 7-3-56, Cl. 307-43.
- Swift, Irvin H., to the United States of America as represented by the Secretary of the Navy. Phase discriminator. 2,758,109, 8-14-56, Cl. 307-72.
- Swift, John F. : See—
- Parkas, Eugene J., and Swift. 2,767,810.
- Swigart, Robert W., and F. N. Sill, to Northrop Aircraft, Inc. Pressure sensitive flow regulator. 2,740,604, 4-3-56, Cl. 251-61.
- Swim, Harold N., Jr., to Deere Mfg. Co. Door construction for cotton picker. 2,729,513, 1-3-56, Cl. 302-58.
- Swimmer, Jerome. Liquid separating medium and use thereof. 2,730,235, 1-10-56, Cl. 209-166.
- Strand, E., to E. I. du Pont de Nemours and Co. Lanthanum oxychloride phosphors and their preparation. 2,729,604, 1-3-56, Cl. 252-301.4.
- Swindells, Frank E., to E. I. du Pont de Nemours and Co. Samarium activated lanthanum oxychloride phosphor. 2,729,605, 1-3-56, Cl. 252-301.4.
- Swinehart, James S. : See—
- Frank, Charles E., and Swinehart. 2,761,886.
- Swinehart, Merle R. : See—
- Richardson, Linwood T., and Swinehart. 2,760,256.
- Richardson, Linwood T., and Swinehart. 2,760,257.
- Swing, Alfred J. : See—
- Reichmeier, Paul R., Roweckamp, and Swing. 2,749,007.
- Swing-A-Way Mfg. Co. : See—
- Moore, Walter E. 2,739,378.
- Moore, Walter E. 2,765,207.
- Moore, Walter E., Andrae, and Southeimer. 2,736,091.
- Rhodes, Ira P. 2,732,381.
- Swingle, Donald M. Toy blocks. 2,738,594, 3-20-56, Cl. 35-34.
- Swingle, Donald R., to Cumberland Case Co. Carrying case. 2,752,062, 6-26-56, Cl. 220-19.
- Swingler, William F., to Automatic Canteen Co. of America. Portable canteen. 2,775,465, 12-25-56, Cl. 280-47.2.
- Swingline Inc. : See—
- Cusumano, Gioacchino, and Delin. 2,746,044.
- Lerner, Hershey. 2,743,445.
- Ruskin, Henry. 2,733,830.
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- Swint, Albert G., Jr. : See—
- Thompson, Wallace M., Swint, and Roberts. 2,746,662.
- Swinton, Everard A. : See—
- Weiss, Donald E., and Swinton. 2,735,795.
- Weiss, Donald E., and Swinton. 2,742,381.
- Weiss, Donald E., and Swinton. 2,765,913.
- Switlik Parachute Co., Inc. : See—
- Moran, Harold J. 2,729,410.
- Moran, Harold J. 2,774,979.
- Switzer Brothers, Inc. : See—
- De Forest, Taber, and Parker. 2,774,886.
- Switzer, Joseph L. 2,759,786.
- Switzer, Joseph L. 2,763,785.
- Switzer, George F. Perforator and container for packaged grease. 2,733,836, 2-7-56, Cl. 222-82.
- Switzer, Howard A. Batching mechanism. 2,754,995, 7-17-56, Cl. 222-63.
- Switzer, Joseph L., to Switzer Brothers, Inc. Process for dyeing daylight fluorescent nylon textile. 2,759,786, 8-21-56, Cl. 8-55.
- Switzer, Joseph L., to Switzer Brothers, Inc. Latent fluorescent inks. 2,763,785, 9-18-56, Cl. 250-71.
- Switzer, Ralph E., to M. B. Holmberg. Lather mixing machine. 2,756,102, 7-24-56, Cl. 299-83.
- Swoboda, Herman A. : See—
- Cuff, Harold B., Swoboda, and Lorenz. 2,730,561.
- Swor, Murf H., to Bar-Brook Mfg. Co., Inc. Outlet louver construction. 2,741,973, 4-17-56, Cl. 98-121.
- Syak, Charles W. : See—
- Pocasse, Irving E., Syak, and Pocasse. 2,731,009.
- Sykes, Benjamin E. Travel hoist carriage for dump trucks. 2,739,837, 3-27-56, Cl. 298-22.
- Sykes, Charles : See—
- Kirkby, Henry W., and Sykes. 2,737,455.
- Kirkby, Henry W., and Sykes. 2,747,989.
- Sykes, Charles, and H. W. Kirkby, to Thos. Firth & John Brown Ltd. Welded joint between ferritic and austenitic steel members. 2,769,227, 11-6-56, Cl. 29-196.1.
- Sykora, George E., to Well Surveys, Inc. Multiple trace siltseparator pens. 2,775,502, 12-25-56, Cl. 346-49.
- Sylvain, Aurel. Seed potato separator and cutter. 2,752,967, 7-3-56, Cl. 146-59.
- Sylvan, Joseph. Sash latching mechanism. 2,735,707, 2-21-56, Cl. 292-57.
- Sylvan, Joseph. Window frame assembly. 2,737,271, 3-6-56, Cl. 189-73.
- Sylvan, Joseph. Window assembly. 2,742,118, 4-17-56, Cl. 189-72.
- Sylvan, Joseph. Window assembly. 2,762,087, 9-11-56, Cl. 20-32.2.
- Sylvan, Joseph. Screen frame construction. 2,762,430, 9-11-56, Cl. 160-394.
- Sylvan, Joseph. Mullion assembly. 2,762,474, 9-11-56, Cl. 189-75.
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- Sylvan, Stig G., to American Air Filter Co., Inc. Mechanical dry tubular stocking dust collector of the traversing reverse jet blow ring or self-cleaning type. 2,751,042, 6-19-56, Cl. 183-61.
- Sylvander, Frederick B., to Bendix Aviation Corp. Null seeking system. 2,745,996, 5-15-56, Cl. 318-29.
- Sylvania Electric Products Inc. : See—
- Alexander, Ben H. 2,762,730.
- Arnold, Charles E., and Press. 2,764,682.
- Barker, Harry R., Jr. 2,766,431.
- Barre, Wade E., Jr. 2,741,750.
- Bennett, Sedgwick R., and Mertz. 2,772,703.
- Berman, Irving. 2,762,953.
- Biemer, Carl J., and Goldsmith. 2,755,159.
- Brooks, Joseph H., and Kimball. 2,755,005.
- Burns, Laurence. 2,755,406.
- Burns, Laurence. 2,774,902.
- Burns, Laurence. 2,774,903.
- Burroughs, William W., Jr. 2,775,070.
- Butler, Keith H. 2,755,254.
- Butler, Keith H. 2,772,242.
- Butler, Keith H. 2,774,738.
- Butler, Keith H., and Homer. 2,745,811.
- Butler, Keith H., and Rulon. 2,774,739.
- Callahan, Robert B. 2,768,737.
- Canning, James H. 2,742,956.
- Chadderton, John J., and Dwinell. 2,760,679.
- Cleveland, Burton L., Engliert, and Larson. 2,744,372.
- Davis, James N. 2,730,696.
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- Dodge, Erie H. 2,751,133.
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- Ferar, Montgomery, and Sundberg. 2,759,093.
- Fischman, Martin. 2,753,519.
- Flaherty, Francis E. 2,748,347.
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- Gartner, Stanley J. 2,740,301.
- Gartner, Stanley J. 2,759,499.
- Gates, Paul E. 2,740,186.
- Goddard, Charles H., and Thomsen. 2,759,094.
- Haegele, Rowland W. 2,765,516.
- Hagan, Richard A. 2,768,392.
- Hansen, Erithof N. C. 2,774,905.
- Harjes, Frederick W., Salz, and Culp. 2,767,325.
- Ingraham, Chester S. 2,773,157.
- Ingraham, Robert C. 2,745,045.
- Ingraham, Robert C. 2,748,328.
- Ingraham, Robert C. 2,762,956.
- Iversen, Arthur H. 2,764,511.
- Kopelman, Bernard. 2,760,126.
- Koury, Frederic. 2,740,699.
- Koury, Frederic, and Hecht. 2,766,210.
- Leifer, Meyer. 2,762,954.
- Livingston, Donald C. 2,774,813.
- Mager, Eric L. 2,774,737.
- Mann, Oliver, Danvers, and Thomas. 2,759,498.
- Martin, Stuart T., and Pease. 2,773,289.
- McCarthy, Francis J. 2,766,402.
- McCulloch, Harold M. 2,730,260.
- McLean, Marl L., and Overmier. 2,738,483.
- McNaughton, Roy A. 2,738,459.
- O'Neill, George D. 2,756,360.
- Parker, Henry W. 2,732,923.
- Parsee, Marshall C., III, and Jasonis. 2,748,067.
- Peterson, Carl A., and App. 2,762,914.
- Pifer, Marion J. 2,737,649.
- Regec, John J., and Roerber. 2,744,671.
- Regelman, La Rue V. 2,741,714.
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- Schultz, Arthur J. 2,772,379.
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- Teno, Edward. 2,750,538.
- Thalner, Robert R. 2,761,090.
- Thomas, Ralph B. 2,771,589.
- Wainer, Eugene. 2,735,748.
- Wainer, Eugene, and Steinberg. 2,766,152.
- Walker, Richard M. 2,766,432.
- Ward, Lawson J. 2,762,419.
- Weiss, Mortimer E. 2,731,579.
- Wiley, Verlis. 2,731,556.

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- Wood, Robert M. 2,756,483.  
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 Zwald, John J. 2,774,862.
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   Hogan, William J., and Sylvest. 2,762,432.  
 Sylvest, Cecil L., to Sylvest. Shaft grinding tool. 2,755,609, 7-24-56, Cl. 51-41.  
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 Sylvest, Edmund Q., to Griffin Wheel Co. Cast steel wheel. 2,768,020, 10-23-56, Cl. 295-27.  
 Sylvest, Edward J. Astronomical instrument. 2,754,597, 17-56, Cl. 35-43.  
 Sylvest, John S., to Colgate-Palmolive Co. Nitrogen-containing tarnish inhibitors in detergent compositions. 2,731,420, 1-17-56, Cl. 252-137.  
 Sylvest, Herbert S., to Colgate-Palmolive Co. Process of producing a synthetic detergent of good color. 2,738,365, 9-13-56, Cl. 36-50.  
 Sylvest, John D.: See—  
   Messmer, Edwin E., Sylvest, and Keenan. 2,763,482.  
 Sylvest, Thelma: See—  
   Sylvest, Cecil L. 2,755,609.  
 Sylvest, Walter G., to Steel Cities Development Corp. Filter apparatus. 2,773,602, 12-11-56, Cl. 210-166.  
 Symer, Orten H., Jr., to Hazeltine Research, Inc. Radar indicator sweep deflection system. 2,745,036, 5-8-56, Cl. 315-22.  
 Symes, Horace E. J., to New Consolidated Gold Fields Ltd. Plural electric motor variable speed. 2,763,823, 9-18-56, Cl. 318-8.  
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   Blattner, Emil H. 2,734,741.  
   Blattner, Emil H. 2,746,744.  
   Blattner, Emil H. 2,747,696.  
   Blattner, Emil H. 2,760,652.  
   Couch, Glenn F. 2,729,173.  
   Couch, Glenn F. 2,746,744.  
   Couch, Glenn F. 2,731,923.  
   Couch, Glenn F. 2,732,813.  
   Couch, Glenn F. 2,743,969.  
   Varnerin, Lawrence J., Jr. 2,748,351.  
 Symon, Ted: See—  
   Thompson, Ralph B., and Symon. 2,771,367.  
 Symonds, Albert E., Jr., to E. I. du Pont de Nemours and Co. Polyethylene-oleamide composition. 2,770,609, 11-13-56, Cl. 260-32.6.  
 Symonds, Henry R. Means for holding labels on platen. 2,758,695, 8-14-56, Cl. 197-136.  
 Symonds, William W.: See—  
   Markowski, Edwin P., and Symonds. 2,744,718.  
 Symons, Loren G., to Nordberg Mfg. Co. Feeding device for screens. 2,737,295, 3-6-56, Cl. 209-254.  
 Symons, Percy L., to Albina Engine & Machine Works, Inc. I-beam roller. 2,744,472, 5-8-56, Cl. 105-154.  
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   Carmichael, Thomas F. 2,771,102.  
 Synco Machine Co.: See—  
   Bruestle, Carl O. 2,763,442.  
   Bruestle, Carl O. 2,773,391.  
 Syndbad, Andy. Saw blade protecting device. 2,756,790, 7-31-56, Cl. 145-35.  
 Synerholm, Martin E., L. H. Jules, and M. Sahyun, to M. Sahyun d. b. a. Sahyun Laboratories. Imidazoline derivatives. 2,731,471, 1-17-56, Cl. 260-301.  
 Synerholm, Martin E., J. A. Faust, and M. Sahyun, to Melville Sahyun d. b. a. Sahyun Laboratories. 3,4,5,6-tetrahydropyrimidine and imidazoline local anesthetics. 2,733,244, 1-31-56, 260-356.4.  
 Syntarma, Narodni Podnik: See—  
   Citrtnik, Josef, Nemecek, and Mayer. 2,773,880.  
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   Djerassi, Carl, Miramontes, and Rosenkranz. 2,744,122.  
   Djerassi, Carl, Miramontes, and Rosenkranz. 2,774,777.  
   Djerassi, Carl, Rosenkranz, and Rosenkranz. 2,753,342.  
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   Rosenkranz, George, and Djerassi. 2,773,073.  
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   Sondheimer, Franz, and Rosenkranz. 2,759,930.  
   Sondheimer, Franz, and Rosenkranz. 2,763,670.  
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   Bernier, Robert V. 2,729,138.

## Syntron Co.: See—

- Gilbert, Walter J., Sr. 2,761,709.  
 Hitchcock, Richard C. 2,760,142.  
 Mission, Edward J. 2,750,256.  
 Peters, William F. 2,737,289.  
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   Knauth, John P., and Lang. 2,740,877.  
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 Syrovy, Augustin J., and W. T. Dunn, to Chrysler Corp. Planetary transmission. 2,748,622, 6-5-56, Cl. 74-763.  
 Syrovy, Augustin J., to General Electric Co. Stop for sliding shelf. 2,741,525, 4-10-56, Cl. 312-348.  
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   Lentz, Alfred P., Rudisch, and Szabo. 2,758,038.  
 Szabo, Ferdinand W. Fluid system having selectable fluid operating pressures. 2,731,952, 1-24-56, Cl. 121-38.  
 Szabo, Joseph P.: See—  
   Pucher, Leo E., and Szabo. 2,742,520.  
 Szabo, Joseph J., and D. Frazier, to The Standard Oil Co. Oxidized oil product and process for the production thereof. 2,745,358, 5-15-56, Cl. 216-56.  
 Szabo, Joseph L., and W. F. Bruce, to American Home Products Corp. Diamines and salts thereof. 2,739,981, 3-27-56, Cl. 260-501.  
 Szabo, Ladislav: See—  
   Helmuth, Helmut, and Szabo. 2,752,285.  
 Szabo, Lorraine S.: See—  
   Darling, Samuel M., Fay, and Szabo. 2,741,548.  
   Fay, Philip S., and Szabo. 2,767,069.  
 Szady, Leopold T., to Formsprag Co. Sprag assembly for one-way clutches. 2,737,275, 3-6-56, Cl. 192-45.1.  
 Szady, Leopold T., to Formsprag Co. Method of making sprags for one-way clutches. 2,740,190, 4-3-56, Cl. 29-417.  
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 Szadewicz, Henry E., and H. Kubicki. Apparatus for making dumplings. 2,769,433, 8-21-56, Cl. 107-1.  
 Szantay, Elmer, to Sandee Mfg. Co. End closure for flexible collapsible tube. 2,747,935, 5-29-56, Cl. 299-104.  
 Szantay, Elmer, and M. Bacchash, to Sandee Mfg. Co. Lawn soaker. 2,750,232, 6-12-56, Cl. 299-104.  
 Szanto, Ilona: See—  
   Beck, József. 2,734,259.  
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   Zaun, Walter. 2,752,685.  
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 Szeghe, Constantin S., to The Rauland Corp. Electron-discharge devices. 2,758,240, 8-7-56, Cl. 315-3.  
 Szegvari, Andrew. Treatment of liquid systems and apparatus therefor. 2,764,359, 9-25-56, Cl. 241-15.  
 Szekely, George. Air compressors. 2,747,789, 5-29-56, Cl. 230-55.  
 Szekely, George. Razor blade magazines. 2,748,979, 6-3-56, Cl. 221-229.  
 Szekes, Joseph. Electrical apparatus. 2,756,294, 7-24-56, Cl. 200-51.02.  
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   Herzog, Gerald B., and Sziklai. 2,762,955.  
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 Sziklai, George C., to Radio Corp. of America. Regenerative frequency dividers. 2,738,423, 3-13-56, Cl. 250-36.  
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 Sziklai, George C., to Radio Corp. of America. Tunable frequency systems of constant band width. 2,743,356, 4-24-56, Cl. 250-20.  
 Sziklai, George C., to Radio Corp. of America. Semiconductor signal translating circuit. 2,745,038, 5-8-56, Cl. 315-30.  
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 Sziklai, George C., to Radio Corp. of America. Synchronous detection of intermediate frequency level of color subcarrier. 2,750,440, 6-12-56, Cl. 178-3.4.  
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- Sziklai, George C., and R. D. Kell, to Radio Corp. of America. Color television image signal translating systems. 2,736,761, 2-28-56, Cl. 178-5.2.
- Szalai, George C., R. D. Lohman, and A. A. Barco, to Radio Corp. of America. Push-pull complementary type transistor amplifier. 2,762,870, 9-11-56, Cl. 179-171.
- Szilágyi, István, to "Licencia" Talamanyokak Ertekesito Vallalat. Spark plugs. 2,733,370, 1-31-56, Cl. 313-132.
- Szinger, Eugen, to Amalgamated Limestone Co., Ltd. Method and apparatus for burning cement. 2,770,450, 11-13-56, Cl. 263-28.
- Szmuszko, Jacob, to The Upjohn Co. Chemical composition. 2,763,653, 9-18-56, Cl. 260-287.
- Szmuszko, Jacob, to The Upjohn Co. Methyl reserpate O-acetate. 2,763,654, 9-18-56, Cl. 260-287.
- Szmuszko, Jacob, to The Upjohn Co. Methyl reserpate O-cathylate. 2,763,655, 9-18-56, Cl. 260-287.
- Szper, Jonas A.: See—
- Fuller, Leonard, and Szper. 2,738,374.
- Szucs, Joseph. Mushroom culture. 2,761,246, 9-4-56, Cl. 47-1.
- Szwarc, Michael M., A. N. Roper, and H. M. E. Steiner, to The M. W. Kellogg Co. Production of polymers from aromatic and the like compounds. 2,769,786, 11-6-56, Cl. 260-2.
- Szyslowski, Alex N., to ACF Industries, Inc. Leak detector for pressure fuel lines. 2,767,392, 10-16-56, Cl. 340-242.
- Szymanski, Aloysius L.: See—
- Eckert, Joseph F., and Szymanski. 2,770,884.
- Szypulski, Raymond W., to the United States of America as represented by the Secretary of the Navy. Barometric switch. 2,761,927, 9-5-56, Cl. 200-83.
- T. M. M. (Research) Ltd.: See—
- Foster, John R., and Cartwright. 2,748,616.
- Hunter, William A. 2,737,689.
- Hunter, William A., Blackburn, and Nutter. 2,751,631.
- Hunter, William A., Singleton, and Witcombe. 2,759,225.
- Raper, George F. 2,746,093.
- T and N Valve Co.: See—
- Tucker, Wesley L. 2,729,170.
- T. & T. Vicars Ltd.: See—
- Naylor, Joseph F. 2,760,449.
- TV Time Foods, Inc.: See—
- Banowitz, Benjamin B. 2,741,559.
- Taat, Willem J., to Naamloze Vennootschap Scado Kunstharindustrie. Process for the preparation of co-polymers from linseed oil and styrene and the copolymers thus prepared. 2,761,850, 9-4-56, Cl. 260-23.
- Tabachnick, Howard.: See—
- Alimone, Francis M., and Tabachnick. 2,759,809.
- Tabachnick, Nathan. Braid stitching machine. 2,763,223 9-18-56, Cl. 112-23.
- Tabberer, George: See—
- Mumford, Albert E., and Tabberer. 2,742,127.
- Swatchko, James, to Federal Knife Co. Knife handle construction. 2,731,719, 1-24-56, Cl. 30-164.
- Taber, Fred J. Puncturing and dispensing device having side piercing element. 2,729,360, 1-3-56, Cl. 222-86.
- Taber, George H. Apparatus for determining wheel alignment and comparative steering angles of vehicle wheels. 2,737,728, 3-13-56, Cl. 33-202.2.
- Tabet, Willy, to S. A. Le Progres Industriel. Lathe. 2,747,450, 5-29-56, Cl. 82-2.5.
- Tabler, James G.: See—
- Gogolick, Roland M., and Tabler. 2,744,197.
- Taber, Robert B. Gun firing mechanism. 2,758,404, 8-14-56, Cl. 42-69.
- Tabor, Warner H.: See—
- Rulon-Miller, Robert, and Tabor. 2,774,549.
- Tabor, Warner H., to Dixon Corp. Pendant type bobbin holder. Re. 24,207, 8-28-56, Cl. 242-130.
- Tacchella, Adolph. Liquid cooling system for internal combustion engines. 2,735,414, 2-21-56, Cl. 123-41.23.
- Tacchella, Adolph A. Cooling system for internal combustion engines. 2,766,740, 10-16-56, Cl. 123-41.23.
- Tacone Pneumatic Foundry Equipment Corp.: See—
- Tacone, Russell W. 2,767,445.
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- Taccini, Guido. Radial cylinder rotary compressor or motor. 2,737,122, 3-6-56, Cl. 103-161.
- Tack, Walter, Shoro. Process for manufacturing of artificial fiber by viscose method. 2,732,279, 1-24-56, Cl. 18-34.
- Tack, Carl E.: See—
- Heater, Charles L., and Tack. 2,759,566.
- Tack, Carl E., to American Steel Foundries. Cast brake beam with support shoe. 2,732,043, 1-24-56, Cl. 188-213.
- Tack, Carl E., to American Steel Foundries. Means for resurfacing brake rotors. 2,734,255, 2-14-56, Cl. 29-90.
- Tack, Carl E., to American Steel Foundries. Rotor brake. 2,746,572, 5-22-56, Cl. 188-59.
- Tack, Carl E., to American Steel Foundries. Combination brake. 2,751,046, 6-19-56, Cl. 188-33.
- Tack, Carl E., to American Steel Foundries. Brake beam. 2,765,880, 10-9-56, Cl. 188-213.
- Tack, Carl E., to American Steel Foundries. Brake head balancing device. 2,768,713, 10-30-56, Cl. 188-205.
- Tack, Carl E., to American Steel Foundries. Brake rotor. 2,769,512, 11-6-56, Cl. 188-218.
- Tack, Carl E., and E. J. Simanek, to American Steel Foundries. Railway brake. 2,754,935, 7-17-56, Cl. 188-46.
- Tack Band, Inc.: See—
- Duval, Ronald F. 2,757,719.
- Taco Heaters, Inc.: See—
- Hencken, Harold G. 2,734,521.
- Williams, Bardell S. 2,751,199.
- Williams, Bardell S. 2,755,345.
- Tactair, Inc.: See—
- Kenyon, Theodore W. 2,754,505.
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- Tada, Kakuzo: See—
- Inuzuka, Hideo, and Tada. 2,757,068.
- Tadema, Harco J., G. H. Reman, C. Brunzeel, and P. W. Slokker, to Shell Development Co. Process of coating finely divided solid material. 2,768,095, 10-23-56, Cl. 117-100.
- Tadlock, Joseph H. Rock sinker. 2,763,090, 9-18-56, Cl. 43-44.97.
- Tafel, Robert W. Primer chamber for a cartridge case. 2,754,758, 7-17-56, Cl. 102-44.
- Taft, Hugh M.: See—
- Taft, J. G. Jeffrey M., and Taft. 2,772,484.
- Taft, John G., to Godfrey Propeller Adjusting Corp. Corrosion preventing fairwater caps. 2,732,021, 1-24-56, Cl. 170-159.
- Taft, Willard W., to Draper Corp. Shuttle spring. 2,771,910, 11-27-56, Cl. 139-307.
- Taggart, Howard E. G. Aerial toy. 2,753,657, 7-10-56, Cl. 46-74.
- Taggart, Howard E. G. Air propelled spinning device. 2,768,473, 10-30-56, Cl. 46-53.
- Taggart, James C.: See—
- Taggart, J. C., and J. C. 2,745,607.
- Taggart, John K. Fishing reel securing device. 2,749,644, 6-12-56, Cl. 43-22.
- Taggart, John K., and J. C. Spinning type fishing reel. 2,745,607, 5-15-56, Cl. 242-84.4.
- Taggart, Robert W. Wire-wound resistance units. 2,773,159, 13-5-56, Cl. 201-62.
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- Tagliaferrri, Frank P., and Francis T. Gier, 1/2 to S. Hoffman. Automatic dual temperature heating system. 2,761,950, 9-4-56, Cl. 219-38.
- Tagmann, Eugen: See—
- Hoffmann, Karl, Sury, and Tagmann. 2,742,475.
- Hoffmann, Karl, and Tagmann. 2,741,635.
- Hoffmann, Karl, Tagmann, and Urech. 2,749,346.
- Tahara, Goro R.: See—
- Selbmann, Rudolf W., Tahara, and Mautner. 2,762,925.
- Tailleur, Rodolfo J., to Gulf Oil Corp. Drilling muds. 2,773,030, 12-4-56, Cl. 252-8.5.
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- Taini, John, to The C. F. Pease Co. Photographic printing machine. 2,733,644, 2-7-56, Cl. 95-77.5.
- Tait Co., The: See—
- Lung, Kenneth R. 2,752,077.
- Tait Mfg. Co., The: See—
- Lung, Kenneth R. 2,748,220.
- Lung, Kenneth R. 2,753,807.
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- Tait, William H., and P. F. Love, to The Glacier Metal Co. Ltd. Centrifugal separators. 2,755,992, 7-24-56, Cl. 233-23.
- Takacs, Julius J.: See—
- Smith, Ira D., Takacs, and Warner. 2,735,674.
- Takamizawa, Akira, to Shionogi & Co., Ltd. 2-methyl-4-amino-5-acetamidomethylpyrimidine and process for its production. 2,775,592, 1-25-56, Cl. 260-256.4.
- Takats, Zoltan, to General Aniline & Film Corp. Closure device for cameras and the like. 2,759,749, 8-21-56, Cl. 292-241.
- Takeda Pharmaceutical Industries, Ltd.: See—
- Inuzuka, Taiso, and Kawasaki. 2,752,348.
- Takenkin, Benjamin.: See—
- Aeschlimann, John A., and Tabenkin. 2,742,360.
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- Aeschlimann, John A., and Tabenkin. 2,742,362.
- Takeshita, Paul M. Fishing lure. 2,762,156, 9-11-56, Cl. 43-42.3.
- Takeuchi, Etsutoshi: See—
- Mito, Sanae, Takeuchi, and Fukuoka. 2,763,759.
- Tal Bender, Inc.: See—
- Kuehlman, Norman V., and Tal. 2,754,880.
- Tal, Edward T.: See—
- Kuehlman, Norman V., and Tal. 2,754,880.
- Talak, John F., to J. I. Case Co. Filter with by-pass. 2,747,743, 5-29-56, Cl. 210-177.
- Talalay, Anselm, and A. P. Barton, to The B. F. Goodrich Co. Method of making reinforced fibrous porous cushioning material. 2,755,215, 7-17-56, Cl. 154-101.
- Talalay, Joseph A.: See—
- Talalay, Leon and J. A., and Bush. 2,758,980.
- Talalay, Joseph A., 1/2 to The Dayton Rubber Co., and 1/2 to The B. F. Goodrich Co. Sponge rubber mold. 2,731,669, 1-24-56, Cl. 18-42.

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- Talambras, Robert, to The Perry Rand Corp. Flip-flop circuit. 2,749,453, 6-5-56. Cl. 307-85.
- Talamini, Arthur J., Jr.: *See—*
- Shamis, Sidney S., and Talamini. 2,740,205.
- Talamini, Arthur J., Jr., to Allen B. Du Mont Laboratories, Inc. Amplifier circuit. 2,727,255, 10-16-56. Cl. 179-171.
- Talbot, Austin G., and A. P. Webb, Jr., to Talbert Construction Equipment Co. Detachable rear axle unit. 2,760,784, 8-28-56. Cl. 280-104.5.
- Talbot Construction Equipment Co.: *See—*
- Talbot, Austin G., and Polich. 2,760,784.
- Talberth, Harry: *See—*
- Martin, Wade B., and Talberth. 2,748,315.
- Talbot, Albert M., to The International Nickel Co., Inc. Precision casting alloy. 2,743,175, 4-24-56. Cl. 75-128.
- Talbot, Frank A., to General Electric Co. Method of responding to current surges. 2,732,453, 1-24-56. Cl. 200-87.
- Talbot, Howard H., to United Engineering & Foundry Co. Flying saw. 2,746,126, 5-22-56. Cl. 29-69.
- Talbot, James L., to California Research Corp. Separation of xylene isomers. 2,738,372, 3-13-56. Cl. 260-67.4.
- Talbot, Richard C.: *See—*
- Ferguson, John L., and Talbot. 2,750,722.
- Ferguson, John L., and Talbot. 2,750,856.
- Ferguson, John L., and Talbot. 2,756,553.
- Talbot, Thomas V., to E. T. Tolleson. Distributor cap cleaning tool. 2,746,219, 5-22-56. Cl. 51-241.
- Talbot, Arnold M. Dispensing system for applying molasses to stock feed. 2,745,572, 5-15-56. Cl. 222-1.
- Talbot, Arnold M. Dispensing system for applying molasses to stock feed. 2,745,568, 5-14-56. Cl. 222-1.
- Talbot, Edwin M., Jr., to Bendix Aviation Corp. Pressure switch assembly. 2,733,392, 3-13-56. Cl. 200-83.
- Talbot, Edwin M., Jr., to Bendix Aviation Corp. Fire alarm system. 2,762,998, 9-11-56. Cl. 340-289.
- Talbot, Leonard L., and F. G. Leidlaw. Rocker arm refacing machine. 2,753,665, 7-10-56. Cl. 51-55.
- Talboys, Henry H., to Nordberg Mfg. Co. Screening assembly for screening and returning railway ballast. 2,734,730, 2-14-56. Cl. 262-2.
- Talboys, Henry H., to Nordberg Mfg. Co. Set-off attachment for track-supported equipment. 2,762,315, 9-11-56. Cl. 105-177.
- Talbut, William F., and M. J. Powers, to the United States of America as represented by the Secretary of Agriculture. Preparation of concentrated purees. 2,752,253, 6-26-56. Cl. 99-204.
- Talco Engineering Co., Inc.: *See—*
- Belsky, Jerome. 2,759,262.
- Talco, Theodor, to General Electric Corp. Organosilicon elastomers containing an iron salt of a carboxylic acid as a heat stabilizer. 2,759,904, 8-21-56. Cl. 260-37.
- Tall, Murray. Door chime and wicket mechanism. 2,750,920, 11-19-56. Cl. 116-141.
- Tally, James P.: *See—*
- Stilbert, Elmer K., Jr., Cummings, and Talley. 2,755,260.
- Tallis, Ernest E., and B. C. Gardner, to Courtaulds Ltd. Spinning viscose containing resorcinol-formaldehyde. 2,758,004, 7-56. Cl. 53-54.
- Tallman, John E. Aluminum cable cutter. 2,735,175, 2-21-56. Cl. 30-91.
- Tallow Research, Inc.: *See—*
- Englert, Robert D., and Richards. 2,773,094.
- Englert, Robert D., and Richards. 2,773,095.
- Tally, Carl E. Attachment for sweeper. 2,749,564, 6-12-56. Cl. 15-79.
- Talmage, Augustus: *See—*
- Teather, Harry G., and Talmage. 2,741,241.
- Talmage, Charles R. Sintered metal article and method of improving its fatigue resistance by shot peening. 2,769,709, 11-6-56. Cl. 75-221.
- Talmage, Franklin E.: *See—*
- Starnes, Charles J., and Talmage. 2,740,848.
- Talme, Paul, to General American Transportation Corp. Processes of chemical nickel plating. 2,766,138, 10-9-56. Cl. 117-102.
- Talme, Paul, and G. Gutzeit, to General American Transportation Corp. Processes of chemical nickel plating and baths therefor. 2,762,723, 9-11-56. Cl. 117-130.
- Talme, Paul, D. E. Metheny, and W. G. Lee, to General American Transportation Corp. Chemical nickel plating processes. 2,772,183, 11-27-56. Cl. 117-50.
- Talon, Inc.: *See—*
- Carille, Alfred E. 2,752,655.
- Carille, Alfred E. 2,764,795.
- Chichester, Kenneth J. 2,749,400.
- Dorman, Leonard M. 2,764,807.
- Poux, Noel J. 2,741,141.
- Spart, Albert E., and Chichester. 2,757,252.
- Talone, Albert L. Formula for cementitious composition. 2,769,720, 11-6-56. Cl. 106-97.
- Tama, Mario, to Ajax Engineering Corp. Device for the discharge of molten metal. 2,755,327, 7-17-56. Cl. 13-29.
- Tama, Mario, to Ajax Engineering Corp. Transfer device for conveying molten metal. 2,756,988, 7-31-56. Cl. 266-38.
- Tamalunas, Anthony N. Crayon holder. 2,772,662, 12-4-56. Cl. 120-19.
- Tamblin, William A.: *See—*
- Mills, Joseph A. W., and Tamblin. 2,760,400.
- Tamblin, John W.: *See—*
- De Croes, George C., and Tamblin. 2,735,782.
- Tamblin, John W., and G. M. Armstrong, to Eastman Kodak Co. Calcuable organic ester molded objects containing phototropic dyes. 2,735,783, 2-21-56. Cl. 106-193.
- Tambolles, James P. Device for supporting baby food in thermos bottles. 2,761,580, 9-4-56. Cl. 215-100.
- Tames, Dan Co., Inc.: *See—*
- Tammy, Daniel. 2,761,450.
- Tames, Daniel, to Dan Tames Co., Inc. Laundry bag. 2,761,480, 9-4-56. Cl. 150-1.
- Tamlin, Andrew, to Union Iron Works. Steam boilers. 2,757,648, 8-7-56. Cl. 122-408.
- Tamlin, George, to Consolidated Electric Lamp Co. Lamp base lead-in connection. 2,732,532, 1-24-56. Cl. 339-146.
- Tammaging, William J., to Monitor Process Corp. Fluid milk dispenser. 2,775,374, 12-25-56. Cl. 222-185.
- Tampke, Melvin L. Impression type lock decoder. 2,763,027, 9-18-56. Cl. 18-1.
- Tamplin, Clarence H. Precision measuring machines. 2,753,634, 7-10-56. Cl. 33-174.
- Tanberg, Ragnar. Ink feed device for fountain pens. 2,736,292, 5-28-56. Cl. 120-45.4.
- Tancred, William, to The W. N. Borg Corp. Relay. 2,749,402, 6-5-56. Cl. 200-98.
- Tancred, William L., to J. H. Reid and W. S. Felton, as trustees. Actuator-accumulator engaging and disengaging mechanisms. 2,753,111, 7-3-56. Cl. 235-60.
- Tand, William S., to Warner & Swasey Research Corp. Referencing device for gauging turbine blades and the like. 2,748,490, 6-5-56. Cl. 33-174.
- Tandler, William S., D. S. Walker, M. Grossman, and A. Sloan, to The Warner & Swasey Research Corp. Automatic absolute dimension gauge. 2,756,510, 7-31-56. Cl. 33-174.
- Tangard, Einar E., to Combustion Engineering, Inc. Closure for use with high pressures. 2,760,998, 10-2-56. Cl. 220-68.
- Tangen, Lawrence N., to Dempster Mill Mfg. Co. Agricultural implements. 2,772,617, 12-4-56. Cl. 97-47.65.
- Tangeman, William H., to General Electric Co. Combination dry and steam flatiron. 2,750,693, 6-19-56. Cl. 38-77.
- Tangen, Anthony. Governor arrangement for power take-off mechanism. 2,752,795, 7-3-56. Cl. 74-15.56.
- Tangen, Anthony. Bearing construction for helical gear transmission. 2,765,689, 10-9-56. Cl. 74-421.
- Tangen, Edward N.: *See—*
- Levinson, Harry, Stoner, and Tangen. 2,743,800.
- Taniguchi, Masao. Mechanical device used to correct human noses. 2,757,685, 8-7-56. Cl. 128-76.
- Tanke, Willard H., to Allis-Chalmers Mfg. Co. Plowshare mounting. 2,757,594, 8-7-56. Cl. 97-125.
- Tanke, Willard H., and R. S. Reeves, to Allis-Chalmers Mfg. Co. Tractor plow. 2,747,501, 8-7-56. Cl. 97-47.14.
- Tanke, Willard H., and J. W. Mydels, to Allis-Chalmers Mfg. Co. Tractor plow. 2,740,346, 4-3-56. Cl. 97-47.63.
- Tankersley, Harold A.: *See—*
- Zuch, Heinrich W., Tankersley, and Ankele. 2,759,127.
- Tann, Corp.: *See—*
- Abel, Martin L. 2,755,675.
- Abel, Martin L. 2,761,746.
- Abel, Martin L. 2,761,747.
- Tann, David, to Avco Mfg. Corp. Washing machine. 2,758,681, 8-7-56. Cl. 68-19.
- Tann, Fred A., to Borg-Warner Corp. Vaporizer regulator for liquefied gas. 2,752,758, 7-3-56. Cl. 62-1.
- Tann, Jack L. Safety stirrup. 2,772,532, 12-4-56. Cl. 54-49.
- Tannen, Max. Rubber pull-over socks. 2,741,770, 4-17-56. Cl. 2-61.
- Tanner, Charles A., Jr., to American Cyanamid Co. Preparation of titanium dioxide pigments. 2,771,345, 11-20-56. Cl. 23-202.
- Tanner, Fred W., Jr., to M. Lees, and J. B. Routien, to Chas. Pfizer & Co. Inc. Carbomycin complexes. 2,771,392, 11-20-56. Cl. 167-65.
- Tanner, James H.: *See—*
- Reed, Daniel J., and Tanner. 2,744,387.
- Tannan, John S., to E. H. Throwing & Co. Wheel arrangement for plow type ditcher. 2,752,700, 7-3-56. Cl. 37-99.
- Tanner, Paul A., and W. Gegenschatz, to Zellweger A. G. Apparatus and Maschinenfabriken Uster. Thread cleaner. 2,749,594, 6-12-56. Cl. 28-71.
- Tanner, Paul H., to H. H. Hide away air conditioner. 2,743,908, 5-1-56. Cl. 257-9.
- Tanner, Walton B.: *See—*
- Bristol, John E., and Tanner. 2,734,048.
- Tannev, Bertha G. Hospital patient transfer device. 2,733,452, 2-7-56. Cl. 9-51.
- Tannich, Richard E.: *See—*
- Love, Robert M., and Tannich. 2,731,506.
- Tannock, John C.: *See—*
- Lewis, William. 2,732,933.
- Tanra Mfg. Co.: *See—*
- Pritchard, Thomas R. 2,747,775.
- Tans Metallconstructies en Zwaar Transport N. V.: *See—*
- Freysaet, Eugene. 2,746,714.
- Tansley, Robert P., and G. H. Schnell, to American Cyanamid Co. Stabilized folic acid and vitamin composition. 2,731,390, 1-17-56. Cl. 167-81.
- Tansley, Leslie R., to White Castle System, Inc. Escapement mechanism for web-dispensing apparatus. 2,772,937, 12-4-56. Cl. 31-58.
- Taormina, Silvio C., to T. Marinaro, and L. Packman, to Platers Research Corp. Gold alloy plating. 2,754,258, 7-10-58. Cl. 204-43.



- Tape, Inc.: *See*—  
Collins, Harry J., Jr., Evans, and Weston. 2,737,149.
- Tape Production Corp.: *See*—  
Breuer, Henry. 2,751,432.
- Tapes, Inc.: *See*—  
Brooks, Samuel H., Dellaquila, and Ulrich. 2,758,614.
- Ulrich, Gustave E. 2,771,909.
- Tapp, Ernest T. J., to County Commercial Cars Ltd. Devices for preventing dirt entering and fluid leaving bearing surfaces. 2,754,162, 7-10-56, Cl. 308—187.1.
- Tapp, Nelson P.: *See*—  
Brooks, Samuel H., and Tapp. 2,763,742.
- Tapp, Raymond P. J., E. R. Avenell, and D. G. Hansen, to Market Transport Ltd. Loading and unloading apparatus carried by vehicles. 2,758,730, 8-14-56, Cl. 214—77.
- Tappan Stove Co., The: *See*—  
Hoff, John M. 2,739,484.
- Hoff, John M. 2,744,569.
- Hoff, John M. 2,745,042.
- Hoff, John M., and Mayer. 2,761,502.
- Kanz, William C. 2,766,683.
- Norris, Ralph J. 2,752,475.
- Norris, Ralph J. 2,752,476.
- Norris, Ralph J. 2,752,477.
- Perl, Richard L. 2,730,662.
- Tarallo, Dominic R.: *See*—  
Borner, Carl H., and Tarallo. 2,740,973.
- Taras, John: *See*—  
Marrill, Tellis A., Randall, and Taras. 2,767,197.
- Randall, David I., and Taras. 2,739,973.
- Taras, John, to General Aniline & Film Corp. Process for preparing addition compounds of sulfur trioxide and tertiary organic bases. 2,739,150, 3-20-56, Cl. 260—247.1.
- Tarbo, John P.: *See*—  
Eby, Richard B., and Tarbox. 2,757,600.
- Nolt, Edwin B., and Tarbox. 2,757,599.
- Nolt, Edwin B., and Tarbox. 2,764,931.
- Tarbox, John P., to Sperry Rand Corp. Bale side wire tie mechanism. 2,735,359, 2-21-56, Cl. 100—23.
- Tarbox, Philip B., to Saco-Lowell Shops. Condenser supports. 2,735,141, 2-21-56, Cl. 19—131.
- Tarbusk, Paul. Removable tray laying nest. 2,766,724, 10-16-56, Cl. 119—48.
- Tarcea, Edward L., and F. A. Varallo, to Raymond Rosen Engineering Products, Inc. Telemetering oscillators. 2,747,003, 5-22-56, Cl. 250—36.
- Tarceli, Adnan. Sun-operated heating devices. 2,760,482, 8-28-56, Cl. 126—270.
- Tarceli, Adnan. Solar heating apparatus. 2,770,229, 11-13-56, Cl. 126—270.
- Tarceli, Adnan. Solar heating apparatus. 2,770,230, 11-13-56, Cl. 126—270.
- Tardiff, Richard C.: *See*—  
Welsh, Warren A., and Tardiff. 2,750,530.
- Tareau, Georges H., and L. C. Wilhelm. Metal support more particularly for brassieres and similar uses. 2,769,180, 11-6-56, Cl. 1-564.
- Tarello, Sarin J. Fruit picker having a plurality of pivoted knife carrying fingers. 2,772,534, 12-4-56, Cl. 56—335.
- Tarnpoll, Morris, to The M. W. Kellogg Co. Reforming process. 2,736,684, 2-28-56, Cl. 196—50.
- Tarr, Charles: *See*—  
Weisenberg, Gustav, and Taern. 2,757,840.
- Tarr, Robert G. Refrigerating jacket for confection vending machine. 2,742,268, 4-17-56, Cl. 257—14.
- Tarrant, Paul, and M. R. Lilyquist, to the United States of America as represented by the Secretary of the Army. Synthesis of 1,1-difluorinated hydrocarbons. 2,749,376, 6-5-56, Cl. 260—653.
- Tarrant, Paul, and A. M. Lovelace, to the United States of America as represented by the Secretary of the Army. 1,1,3-trifluorobutadiene, its polymer, and processes of making them other than 1,1-difluorinated dienes and their polymers. 2,750,431, 6-12-56, Cl. 260—653.
- Tarrazi, Georges. Paper cutter with multiple uses. 2,750,668, 6-19-56, Cl. 30—294.
- Tartan Knitting Mills, Inc.: *See*—  
Ware, Frank B. 2,774,428.
- Tartar, Franklin B., Jr. Revolving target with projectile return. 2,747,445, 2-14-56, Cl. 273—103.
- Tartter, Arnold, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Dyestuffs of the phthalocyanine series. 2,759,950, 8-21-56, Cl. 260—314.5.
- Tarwater, Lawson, to Tarwater Railway Supply Co. Motion converting means. 2,741,924, 4-17-56, Cl. 74—58.
- Tarwater Railway Supply Co.: *See*—  
Tarwater, Lawson. 2,741,924.
- Tarzian, George M. Means of displaying pictures. 2,731,749, 1-24-56, Cl. 40—160.
- Tasch, Anthony T., and M. R. Hoelscher, to McCabe-Powers Auto Body Co. Door lock. 2,763,503, 9-18-56, Cl. 292—173.
- Tash, Thomas. Hold-down bracket for window shades. 2,746,541, 5-22-56, Cl. 160—349.
- Tasker, Clinton W., to American Viscose Corp. Rupture tester. 2,748,596, 6-5-56, Cl. 73—12.
- Tasker, Clinton W., to American Viscose Corp. Apparatus for producing tubular articles and stuffed products therefrom. 2,766,568, 10-16-56, Cl. 53—177.
- Tasker, Homer G., and M. H. Shuler, to Gilfillan Bros., Inc. Expanded presentation produced with logarithmic sweeps. 2,737,654, 3-6-56, Cl. 343—11.
- Tasker, Homer G., and W. T. O'Neil, to Gilfillan Bros., Inc. Range gated automatic gain control. 2,751,587, 6-19-56, Cl. 343—17.1.
- Tassicker, Graham E. Retinal stimulator. 2,760,483, 8-28-56, Cl. 128—1.
- Tata, Raymond V.: *See*—  
Soussloff, Dimitri G., and Tata. 2,748,063.
- Tatar, Stanley. Crankshaft mounting. 2,757,646, 8-7-56, Cl. 121—194.
- Tate, John R. Retractable trailer hitch. 2,733,936, 2-7-56, Cl. 280—49.
- Tate, Kenneth L., to Taylor Instrument Companies. Pressure responsive device having a slotted metal diaphragm. 2,747,615, 5-29-56, Cl. 137—784.
- Tate, Roger W., and C. E. Hemminger, to Esso Research and Engineering Co. Hydroforming and hydrosulfurizing. 2,773,804, 12-11-56, Cl. 196—28.
- Tate, William F., to Koovlent Metal Awning Corp. of America. Metal awning. 2,755,522, 7-24-56, Cl. 20—57.5.
- Tate, William F., to Kool Vent Metal Awning Corp. of America. Rafter. 2,775,324, 12-25-56, Cl. 189—34.
- Tateishi, Arthur K., to Audio Tool and Engineering Ltd. Phonograph with resilient mount for turntable driving electric motor. 2,732,724, 1-31-56, Cl. 74—206.
- Tateishi, Arthur K. Electric fan. 2,768,782, 10-30-56, Cl. 280—259.
- Tatko Brothers Slate Co., Inc.: *See*—  
Tatko, John. 2,765,137.
- Tatko, John, to Tatko Brothers Slate Co., Inc. Pallets. 2,765,137, 10-2-56, Cl. 248—120.
- Tatonetti, Mario B.: *See*—  
Pompetti, John P., and Tatonetti. 2,765,986.
- Tatsch, Richard W. Panel heating and cooling systems. Re. 2,723,434, 10-30-56, Cl. 257—124.
- Tatter, John W. Foldable vehicle door construction. 2,748,856, 6-5-56, Cl. 160—210.
- Tatter, John W. Adjustable seats having lazy tong supports. 2,749,969, 6-12-56, Cl. 153—91.
- Tatter, John W. Hydraulic system for valve in head engines. 2,754,810, 7-17-56, Cl. 133—90.
- Tatum, Charles W. Stay bar for rear driven automobile wheels. 2,763,332, 9-18-56, Cl. 180—85.
- Tatum, John F. Automatic hold down structure for fork lift trucks. 2,760,663, 8-28-56, Cl. 214—654.
- Taub, Ras: *See*—  
Goldsmith, Dale P. J., and Taub. 2,741,604.
- Taub, William, to J. R. Geigy A. G. New pyrazolone derivatives. 2,731,473, 1-17-56, Cl. 260—310.
- Taub, William, to J. R. Geigy A. G. 5,5-disubstituted 3-aminohydantoins. 2,767,193, 10-16-56, Cl. 260—309.5.
- Taub, Herbert: *See*—  
Siebert, Max C., and Taube. 2,774,721.
- Taube, Karl, to Farbenfabriken Bayer Aktiengesellschaft. Pyrimidine azo dyestuffs. 2,746,951, 5-22-56, Cl. 260—154.
- Tauber, Gustave M.: *See*—  
Besselman, Wayne L., Somerset, and Tauber. 2,752,147.
- Tauby, Robert. Center punch and gauge. 2,748,491, 6-5-56, Cl. 33—191.
- Taubman, Samuel. Bath enclosure. 2,743,795, 5-1-56, Cl. 189—46.
- Tauern, Dankmar: *See*—  
Weisenberg, Gustav, and Taern. 2,757,840.
- Tausch, Gilbert H.: *See*—  
Abendroth, Guss F., Ifrey, and Tausch. 2,775,303.
- Abendroth, Guss F., Tausch, and Ifrey. 2,755,862.
- Tausch, Gilbert H., to Esso Research and Engineering Co. Method for completion in a plurality of hydrocarbon productive strata. 2,760,678, 8-28-56, Cl. 166—45.
- Tausch, Gilbert H., to Esso Research and Engineering Co. Method for completion of wells having high bottom hole pressures. 2,772,738, 12-4-56, Cl. 166—22.
- Tauschek, Max J., to Thompson Products, Inc. Self-contained automatic tappet. 2,742,031, 4-17-56, Cl. 123—90.
- Tauty, René L., to Etudes et Fabrications Aeronautiques. Parachute container. 2,760,741, 8-28-56, Cl. 244—148.
- Tavannes Watch Co. S. A.: *See*—  
Bridevaux, Georges. 2,729,934.
- Cottier, Louis. 2,751,151.
- Taves, Ernest A. Small extended-low-frequency-response loudspeaker enclosure. 2,757,751, 8-7-56, Cl. 181—31.
- Tavris, John R., to Consolidated Electrodynamics Corp. Galvanometer. 2,755,443, 7-17-56, Cl. 324—97.
- Tavola, Bruno. Pumping devices. 2,745,349, 5-15-56, Cl. 103—37.
- Tavola, Bruno. Injection valve. 2,750,957, 6-19-56, Cl. 137—510.
- Tawney, Gerald L.: *See*—  
Lyman, Joseph, Caldwell, Maeder, Haxby, and Tawney. 2,733,437.
- Tawney, Pliny O., to United States Rubber Co. Polymeric methacryl maleimide and derivatives. 2,743,260, 4-24-56, Cl. 260—78.
- Tawney, Pliny O., and R. J. Kelly, to United States Rubber Co. The methylenebis derivative of N-carbamylmaleimide. 2,745,841, 5-15-56, Cl. 260—326.3.
- Tawney, Pliny O., and R. H. Snyder, to United States Rubber Co. Tough rigid composition of neoprene and vinyl chloride polymer. 2,755,271, 7-17-56, Cl. 260—45.5.
- Tawney, Pliny O., and J. R. Little, to United States Rubber Co. Vulcanization of synthetic rubber with methylene derivatives of dihydric phenols. 2,767,156, 10-16-56, Cl. 260—41.5.
- Tawse, William G.: *See*—  
Friedly, Robert C., Tawse, and Singleton. 2,761,229.

- Taxineon, Inc.: See—  
 McConnell Marvin J. 2,753,640.  
 Taylor, Albert H., Jr.: See—  
 Kronoff, Clarence R., and Taylor. 2,745,185.  
 Taylor, Allen R.: See—  
 Smith, Harry R., and Taylor. 2,756,338.  
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 Taylor, Arthur C. to H. & T. Industries Ltd. Self-adjusting mechanism for hydraulic wheel brakes. 2,741,334, 4-10-56, Cl. 188—196.  
 Taylor, Arthur S.: See—  
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 Stirn, Frank E., and Taylor. 2,775,980.  
 Stirn, Frank E., and Taylor. 2,775,981.  
 Stirn, Frank E., and Taylor. 2,775,983.  
 Stirn, Frank E., and Taylor. 2,775,984.  
 Stirn, Frank E., and Taylor. 2,775,985.  
 Stirn, Frank E., and Taylor. 2,775,987.  
 Stirn, Frank E., and Taylor. 2,775,447.  
 Taylor, Arthur W. C.: See—  
 Harvey, Philip G., and Taylor. 2,752,396.  
 Taylor, Arthur W. C., D. G. Jones, and M. L. Noble, to Imperial Chemical Industries Ltd. Production of aromatic hydrocarbons from six carbon aliphatic diols. 2,737,534, 3-6-56, Cl. 260—668.  
 Taylor, Arthur W. C., D. G. Jones, and M. L. Noble, to Imperial Chemical Industries Ltd. Production of aromatic hydrocarbons from furans. 2,737,535, 3-6-56, Cl. 260—668.  
 Taylor, Arthur W. C., D. G. Jones, and M. L. Noble, to Imperial Chemical Industries Ltd. Production of aromatic hydrocarbons by catalytic isomerization of 2,5 dimethylhex-3-ene-1,5 diene. 2,737,537, 3-6-56, Cl. 260—673.5.  
 Taylor, Arthur W. C., and S. A. Lamb, to Imperial Chemical Industries Ltd. Production of oxygen-containing organic compounds. 2,750,419, 6-12-56, Cl. 260—604.  
 Taylor, Arthur W. C., and E. G. Harvey, to Imperial Chemical Industries Ltd. Carbonylation of monolefin-polyolefin mixtures. 2,752,397, 6-26-56, Cl. 260—604.  
 Taylor, Ashton B. Electrical collector systems. 2,756,289, 2-24-56, Cl. 181—59.  
 Taylor, Barney L. Motion picture apparatus. 2,746,343, 5-22-56, Cl. 88—16.8.  
 Taylor, Bert L. Portable wheel position indicator. 2,746,571, 5-22-56, Cl. 188—32.  
 Taylor, Charles P., and B. Reynolds, to Texaco Development Corp. Fuel injection systems. 2,768,615, 10-30-56, Cl. 123—32.  
 Taylor, Charles P., to Ideal Stencil Machine Co. Dispenser having a tape severing knife and automatically acting tape-brake. 2,746,618, 5-22-56, Cl. 184—84.5.  
 Taylor, Charles P., to Ideal Stencil Machine Co. Tape dispensing and printing device. 2,771,028, 11-20-56, Cl. 101—227.  
 Taylor, Charles W., to Wingfoot Corp. Film tensilizer. 2,622,630, 7-3-56, Cl. 18—1.  
 Taylor, Charlton A. Method and apparatus for reducing iron ores by counter-flowing reduction gases. 2,767,073, 10-16-56, Cl. 75—26.  
 Taylor, Charlton A. Method for reduction of iron ores. 2,767,076, 10-16-56, Cl. 75—34.  
 Taylor, Clarence C.: See—  
 Leo, Herbert T., and Taylor. 2,749,243.  
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 Taylor, Clarence C., to The American Aviation, Inc. Cartridge case ejection mechanism. 2,767,617, 10-23-56, Cl. 89—33.  
 Taylor, Clarence R.: See—  
 Mauver, Paul B., and Taylor. 2,763,786.  
 Taylor, Clarence R. Container stabilizer. 2,754,021, 7-10-56, Cl. 215—101.  
 Taylor, Clement F.: See—  
 Stimson, Allen G., Brynes, Jennings, and Taylor. 2,739,506.  
 Stimson, Allen G., Brynes, Jennings, and Taylor. 2,766,654.  
 Taylor, Clement F., to General Electric Co. Multiple masked photo cell structure. 2,744,200, 5-1-56, Cl. 250—220.  
 Taylor, Clyde. Combined wood turning and thread cutting device. 2,740,137, 4-3-56, Cl. 10—108.  
 Taylor, Daniel G.: See—  
 Lower, Jack W., and Taylor. 2,766,627.  
 Taylor, Daniel G., to Minneapolis-Honeywell Regulator Co. Two axes stabilized platform. 2,732,720, 1-31-56, Cl. 74—5.34.  
 Taylor, Don A. Individually packaged frozen confection. 2,735,778, 2-21-56, Cl. 99—180.  
 Taylor, Donald S., to Borax Consolidated, Ltd. Production of boric acid and anhydrous sodium sulfate. 2,746,841, 5-22-56, Cl. 23—121.  
 Taylor, Donald S., and G. A. Connell, to United States Borax & Chemical Corp. Stabilization of borax supersaturation in solutions. 2,774,070, 12-11-56, Cl. 25—58.  
 Taylor, Douglas W., to Motorola, Inc. Convergence control system for color image reproducing device. 2,752,526, 6-26-56, Cl. 315—22.  
 Taylor, Edward R., Jr., to E. I. du Pont de Nemours and Co. Polishing composition. 2,739,154, 1-31-56, Cl. 106—5.  
 Taylor, Edward R., Jr., to E. I. du Pont de Nemours and Co. Lubricant compositions and method of making same. 2,733,210, 1-31-56, Cl. 252—49.3.  
 Taylor, Edwin W.: See—  
 La Porte, George C., and Taylor. 2,736,621.  
 La Porte, George C., and Taylor. 2,736,622.  
 Taylor, Elvin A., to Plymouth Stamping Co. Vented closure plug. 2,775,863, 12-25-56, Cl. 220—44.  
 Taylor, Eric H. Electric switches. 2,765,357, 7-17-56, Cl. 200—116.  
 Taylor, Erle W.: See—  
 Kenyon, William O., Waugh, and Taylor. 2,759,914.  
 Taylor, Erle W., and C. C. Unruh, to Eastman Kodak Co. Highly unsaturated polymers derived from polymeric isopropenyl acrylates. 2,751,372, 6-19-56, Cl. 260—78.5.  
 Taylor, Eugene V. Tablet dispenser. 2,772,772, 12-4-56, Cl. 206—42.  
 Taylor, Everette R., to Easybow Engineering & Research Co. Truss connection. 2,768,434, 10-30-56, Cl. 29—526.  
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- Taylor, Norman L., and R. A. Bright, to V. I. Du Bois, L. T. Holzworth, R. C. Sterne, E. Silbert, and F. E. Taylor. Safety goggle. 2,770,807, 11-20-56, Cl. 2-14.
- Taylor, Owen L., to Westinghouse Electric Corp. Electromagnetic contactor. 2,743,339, 4-24-56, Cl. 200-165.
- Taylor, Owen L., to The Bryant Electric Co. Switch. 2,769,051, 10-30-56, Cl. 200-67.
- Taylor, Paul H., to Wales-Strippit Corp. Compressible liquid stripping unit. 2,732,898, 1-31-56, Cl. 164-94.
- Taylor, Paul H., to Wales-Strippit Corp. Liquid spring. 2,733,060, 1-31-56, Cl. 267-64.
- Taylor, Paul H., to Wales-Strippit Corp. Liquid spring. 2,738,971, 3-20-56, Cl. 267-64.
- Taylor, Paul H., to Wales-Strippit Corp. Perforating apparatus having a stripping member mounted within a chamber in the punch member. 2,740,475, 4-3-56, Cl. 164-110.
- Taylor, Paul H., to Wales-Strippit Corp. Liquid spring. 2,740,625, 4-3-56, Cl. 267-64.
- Taylor, Paul H., to Wales-Strippit Corp. Seal for liquid springs. 2,742,333, 4-17-56, Cl. 309-4.
- Taylor, Paul H., to Wales-Strippit Corp. Liquid spring. 2,751,216, 6-19-56, Cl. 267-1.
- Taylor, Paul H., to Wales-Strippit Corp. Perforating unit. 2,757,735, 8-7-56, Cl. 164-94.
- Taylor, Paul H., Punch and die holder with eccentric stripper spring. 2,760,574, 8-28-56, Cl. 164-94.
- Taylor, Paul H., to Wales-Strippit Corp. Fluid spring perforating unit. 2,760,575, 8-28-56, Cl. 164-94.
- Taylor, Paul H., to Wales-Strippit Corp. Hydra-spring with differential piston action. 2,766,037, 10-9-56, Cl. 267-64.
- Taylor, Philip H., to Northrop Aircraft, Inc. Glare-stopped optical system. 2,738,700, 3-20-56, Cl. 88-1.
- Taylor, Philip H., to Northrop Aircraft, Inc. Solar and glint tracker. 2,763,277, 9-18-56, Cl. 88-1.
- Taylor, Philip L., to Allis-Chalmers Mfg. Co. Interrupter employing axially arranged barrier plates for interrupting series arcs. 2,733,317, 1-31-56, Cl. 200-150.
- Taylor, Philip L., to Allis-Chalmers Mfg. Co. Perforated arc chute barrier plates for circuit interrupter. 2,738,398, 1-31-56, Cl. 200-150.
- Taylor, Philip L., to Allis-Chalmers Mfg. Co. Perforated arc chute barrier providing parallel arc paths. 2,744,983, 5-8-56, Cl. 200-144.
- Taylor, Philip L., and J. M. Ramrath, to Allis-Chalmers Mfg. Co. Circuit breaker contact actuating mechanism with separable connection to oil pump. 2,735,914, 2-21-56, Cl. 200-150.
- Taylor, Philip L., and A. C. Kelle, to Allis-Chalmers Mfg. Co. Circuit breaker with arc restraining members in fluid supply passageways. 2,752,459, 6-26-56, Cl. 200-150.
- Taylor, Philip L., and J. M. Ramrath, to Allis-Chalmers Mfg. Co. Interrupter with barrier plates forming a U-shaped passage. 2,762,890, 9-11-56, Cl. 200-150.
- Taylor, Ralph B., Sr., and R. Whewell, Jr., to The Warner & Swasey Co. Filling detection for weaving machine. 2,744,545, 5-8-56, Cl. 339-374.
- Taylor, Ralph S., Cord reel. 2,747,814, 5-29-56, Cl. 242-107.
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- Taylor, Robert B., to Structural Clay Products Research Foundation. Aligning guide for masons. 2,735,183, 2-21-56, Cl. 83-36.
- Taylor, Robert S., and L. N. Whitehill, to The Sherwin-Williams Co. Phenolic condensation products made with divalent tin compound to reduce coloration. 2,738,339, 3-13-56, Cl. 260-45.75.
- Taylor, Ross E., to Studebaker-Packard Corp. Starter gear mechanism. 2,769,437, 11-6-56, Cl. 125-179.
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- Taylor, Walter P., Jr. Package of flexible material. 2,738,145, 3-13-56, Cl. 242-159.
- Taylor, Walter P., Jr. Winding flexible material. 2,767,938, 10-23-56, Cl. 242-159.
- Taylor, Walter W., to Malsbury Mfg. Co., Inc. Cushion dome for a conduit. 2,755,820, 7-24-56, Cl. 138-26.
- Taylor, Wendell A. Grain saving device for combines. 2,750,037, 6-12-56, Cl. 209-261.
- Taylor, Wilfrid, and W. Forsyth, to Imperial Chemical Industries Ltd. Electric detonators and electric blasting assemblies. 2,741,179, 4-10-56, Cl. 102-28.
- Taylor, Willard H. Boat covers for outboard motor boats. 2,732,877, 1-31-56, Cl. 150-52.
- Taylor, William A., to Taylor Machine Works. Agricultural implement. 2,739,549, 3-27-56, Cl. 111-9.
- Taylor, William B., to Johnston Testers, Inc. Method of completing oil wells. 2,745,495, 5-15-56, Cl. 166-35.
- Taylor, William B., to Johnston Testers, Inc. Firing head. 2,760,408, 8-28-56, Cl. 89-1.
- Taylor, William H.: *See*—  
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- Taylor, William H. Water ski harness. 2,740,972, 4-10-56, Cl. 9-21.
- Taylor, William H., to The Goodyear Tire & Rubber Co. Deicer. 2,757,273, 7-31-56, Cl. 219-46.
- Taylor, William I., to British Celanese Ltd. Production of artificial filaments. 2,766,099, 10-9-56, Cl. 8-131.
- Taylor, William I., and S. G. Hawtin, to British Celanese Ltd. Manufacture of filamentary materials by a wet spinning process. 2,758,909, 8-14-56, Cl. 18-54.
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- Taylor, William S., to Rockwell Mfg. Co. Adjustable guide center counter. 2,758,617, 8-14-56, Cl. 144-253.
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- Tea, Frank C., Jr. Feeder. 2,758,756, 8-14-56, Cl. 222-270.
- Teagle, William T. Agricultural appliances. 2,750,666, 6-19-56, Cl. 30-218.
- Teague, Arnold L. Double-cut power band saw machine. 2,743,745, 5-1-56, Cl. 143-17.
- Teague, Arnold L., and E. J. Jr., to R. J. Reynolds Tobacco Co. Tobacco. 2,766,150, 10-9-56, Cl. 131-17.
- Teague, Marvin A. Shirt band and collar support. 2,742,207, 4-17-56, Cl. 223-83.
- Teague, Merwyn C., to United States Rubber Co. Method and composition for making lined dipped goods from latex. 2,747,229, 8-29-56, Cl. 18-39.
- Teague, Merwyn C., to United States Rubber Co. Corrugated closure for rubber footwear. 2,756,516, 7-31-56, Cl. 36-73.
- Teague, Walter D., Jr., and H. H. Laucks, to Bendix Aviation Corp. Acceleration responsive switch. 2,751,526, 1-17-56, Cl. 200-61.51.
- Teague, Walter D., Jr., and P. A. De Padova, to Bendix Aviation Corp. Air fuel ratio control for ram jets. 2,736,167, 2-28-56, Cl. 60-39.28.
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- Teale, Robert R., to National Gypsum Co. Wallboard and method for producing the same. 2,762,738, 9-11-56, Cl. 154-87.
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- Tear, Harry R., to Stewart-Warner Corp. Coalescing fitting. 2,733,953, 7-10-56, Cl. 183-37.
- Teather, Harry G., and A. Talmage, to Precision Diamond Products Ltd. Forming tools. 2,741,241, 4-10-56, Cl. 125-11.
- Tebbetts, William F. Rodless fluid pressure-operated pump. 2,746,431, 5-22-56, Cl. 121-157.
- Tebbs, George W., to H. T. Backhouse. Sheet feeding apparatus. 2,761,679, 9-4-56, Cl. 271-12.
- Tebbs, George W., to H. T. Backhouse. Sheet feeding apparatus. 2,761,681, 9-4-56, Cl. 271-62.
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- Teetor, Herman C. Electric plug with disabling means. 2,761,028, 8-28-56, Cl. 200-51.
- Teetor, Mac O. Magnetic door catch. 2,733,092, 1-31-56, Cl. 292-25.3.
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- Teff, Ivan D., to The Parker Pen Co. Fountain pens. 2,774,332, 12-18-56, Cl. 120-50.
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- Te Grotenhuis, Theodore A., 20% to The General Tire & Rubber Co. Self-reinforcing rubber and method of making same. 2,745,818, 5-15-56, Cl. 260-45.5.
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- Teitler, Ruth J. Sanitary garments. 2,749,912, 6-12-56, Cl. 128-254.
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- Tele-Trip Policy Co., Inc. : See—  
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- Teletype Corp. : See—  
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- Telewell, Inc. : See—  
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- Tell, Werner W. : See—  
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- Tell, William J.: *See—*  
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- Tell, William J., to General Motors Corp. Ventilating system. 2,764,078, 9-25-56, Cl. 98-2.
- Ten, Chester J., to The American Molded Products Co. Res. construct. 2,775,411, 12-25-56, Cl. 242-70.
- Teller, Clarence R. Arrow and method of making same. 2,747,876, 5-29-56, Cl. 273-106.5.
- Teller, W. Kedzie, to Pharma Craft Corp. Anti-perspirant stick. 2,732,327, 1-24-56, Cl. 167-90.
- Temple, Myron S. Building structures and rotary transportation platform thereon. 2,764,783, 10-2-56, Cl. 20-1.
- Tellier, Andre. Perfume dispenser. 2,741,812, 4-17-56, Cl. 20-120.
- Tellier, Andre. Safety drinking cup. 2,761,301, 9-4-56, Cl. 65-13.
- Tellier, Joseph C., to Philco Corp. Signal control circuits. 2,740,046, 3-27-56, Cl. 250-36.
- Tellier, Joseph C., to Philco Corp. Superregenerative amplifier. 2,772,352, 11-27-56, Cl. 250-20.
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- Temco, Inc.: *See—*  
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- Tempest, Gerard P., to A. C. Cameron. Panelled building units. 2,762,985, 9-11-56, Cl. 20-6.
- Temple, Harold B., to P. Lorillard Co. Display rack. 2,761,638, 4-1-56, Cl. 211-19.
- Temple, Hiram E., to Read Standard Corp. Bakery conveyor system. 2,732,057, 1-24-56, Cl. 198-85.
- Temple, Hiram E., to Read Standard Corp. Bakery system with continuous proofer and cooler. 2,734,617, 2-14-56, Cl. 198-31.
- Temple, Hiram E., to Read Standard Corp. Conveyor system with article spacing apparatus. 2,736,418, 2-28-56, Cl. 198-31.
- Temple, Hiram E., to Read Standard Corp. Diverting valve. 2,752,944, 7-3-56, Cl. 137-554.
- Temple, Hiram E., to Read Standard Corp. Flour valve. 2,757,049, 7-31-56, Cl. 302-49.
- Temple, Hiram E., to Read Standard Corp. Conveyor system with article transferring apparatus. 2,762,487, 9-11-56, Cl. 198-21.
- Temple, Ray, ½ to M. O'Dowd and ½ to W. E. Hitt. Boxing glove. 2,740,150, 4-3-56, Cl. 2-18.
- Temple, Ruth M., now by change of name R. M. Elliott, to G. Miller. Bedsheet blanket attachment device. 2,736,043, 2-28-56, Cl. 5-334.
- Temple, Tommy: *See—*  
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- Temple, William S. Device for recovering gold from streams. 2,756,977, 7-31-56, Cl. 262-2.
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- Templeton, Hugh E., and R. W. Benoliel, to Esso Research and Engineering Co. Apparatus for measuring gas flow. 2,758,473, 8-14-56, Cl. 73-207.
- Templeton, John B. Transportation systems. 2,751,853, 6-26-56, Cl. 104-135.
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- Tenber, Muriel E. and S. B. Miller. Umbrella type handbag. 2,742,071, 4-17-56, Cl. 150-28.
- Ten Brink, Karl C.: *See—*  
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- Tench, George E., and E. J. Williams, to Read Standard Corp. Pan grease. 2,741,214, 4-10-56, Cl. 118-6.
- Tench, John D.: *See—*  
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- Tench, John D., to Sun Oil Co. Wax composition. 2,773,812, 12-1-56, Cl. 196-149.
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- Scudi, John V., Tenenbaum, and Grail. 2,739,986.
- Tenenbaum, Leon E., to Nepera Chemical Co., Inc. Dioxolane compounds. 2,769,808, 11-6-56, Cl. 260-247.
- Tenenblatt, Louis. Carrying case combined with headrest and shade. 2,738,249, 3-13-56, Cl. 312-237.
- Ten Have, Cornelis D., to Shell Development Co. Sweetening hydrocarbon oils. 2,763,594, 9-18-56, Cl. 196-32.
- Tenney, Alex. Means for the transportation and storage of goods. 2,767,661, 10-23-56, Cl. 104-48.
- Tennant, Edward E., to Jos. Schlitz Brewing Co. Beer cooling apparatus. 2,771,752, 11-27-56, Cl. 62-141.
- Tennant, G. H., Co.: *See—*  
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- Tennant, John A., J. G. Lauder, R. J. B. Naisbitt, H. C. Wooley, and A. Lawrenson, to British Insulated Callender's Cables Ltd. Extrusion of metals. 2,753,995, 7-10-56, Cl. 207-4.
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- Striplin, Marcus M., Jr., Hardin, and Bundy. 2,744,944.
- Tenney, Charles M., Jr. Gas distributing system. 2,740,701, 4-5-56, Cl. 48-190.
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- Tenney, John R., to United States Steel Corp. Portable grinding tool. 2,741,078, 4-10-56, Cl. 51-244.
- Tenney, William G. Battery terminal connector. 2,774,054, 12-11-56, Cl. 339-233.
- Tenney, William L. Space heater. 2,770,226, 11-13-56, Cl. 123-142.5.
- Tenney, William L., S. E. Knox, and P. A. Frank, to W. L. Tenney. Machine for producing dispersions of liquids in air or other gases for the production of fogs. 2,738,334, 3-18-56, Cl. 252-359.
- Tenney, William L., and S. E. Knox; said Knox assor. to said Tenney. Aerosol generator. 2,768,031, 10-23-56, Cl. 299-86.
- Tennis, Francis H.: *See—*  
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- Tennis, Francis H. Fish feeding device. 2,772,659, 12-4-56, Cl. 119-51.
- Tennyson, Sanford I. Apparatus for utilizing and supplying corrosion-inhibitor vapors. 2,766,069, 10-9-56, Cl. 299-24.
- Ten, Edward, to Sylvania Electric Products Inc. Electronic tube element protective coating. 2,750,528, 6-12-56, Cl. 313-350.
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- Hirsteiner, Walter L. 2,767,902.
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- Teot, Joseph, Jr., to Ottobach Maschinen Chemical Corp. Chemical feeder. 2,738,323, 3-13-56, Cl. 210-28.
- "Tepha" Gesellschaft für pharmazeutische und chemisch-technische Erzeugnisse m. b. H.: *See—*  
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- Teplitz, Alfred: *See—*  
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- Teplitz, Alfred, to United States Steel Corp. Apparatus for automatically centering and aligning moving elongated objects. 2,766,041, 10-9-56, Cl. 271-26.
- Terando, Louis M. Adjustable and expanding pallet. 2,739,776, 3-27-56, Cl. 248-120.
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- Terazono, George T. Spreader for fishing lines. 2,733,536, 2-7-56, Cl. 43-42.74.
- Tereshi, Fred, ½ to E. O. Rucker. Salmon egg curing. 2,743,185, 4-2-56, Cl. 90-3.
- Terho, Mikko J. Cable drum. 2,755,036, 7-17-56, Cl. 242-117.
- Terhune, Edgar A., to the United States of America as represented by the Secretary of the Army. Radiosonde balloon breakage switch. 2,751,456, 6-19-56, Cl. 200-81.
- Terhune, Edward A. Coil controlled dispensing apparatus for bottled beverages. 2,753,078, 7-3-56, Cl. 221-152.
- Terlinde, Edward H. Accordion microphone controls. 2,764,051, 9-25-56, Cl. 84-104.
- Terlinde, Edward H. Quick detachable coupling. 2,764,746, 9-25-56, Cl. 339-8.
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- Terranova, Paul: *See—*  
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- Kostriza, John A., and Terranova. 2,757,344.
- Terrell, Basil J., to the Petroleum and Marine Engineering Turbine Research and Development Association. Gas turbine installations with output turbine by-pass matching the output turbine pressure drop. 2,755,621, 7-24-56, Cl. 60-39.16.
- Terrell, Edgar A., and G. D. Hoyle, Jr., to the Terrell Machine Co. Bobbin stripper. 2,761,194, 9-4-56, Cl. 28-20.
- Terrell Machine Co., The: *See—*  
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- Halma, Little L. 2,732,014.
- Terrell, Edgar A., and Hoyle. 2,761,194.
- Terrell, St. John, and E. Chandler. Tent construction. 2,743,734, 5-1-56, Cl. 135-1.
- Territt, John P., to Foremost Dairies, Inc. Fluid cooled injection heater. 2,737,374, 3-6-56, Cl. 261-9.

- Teroni, Teso B. D., to Automatic Telephone & Electric Co. Ltd. Carrier current transmission systems. 2,752,571, 6-26-56, Cl. 333-15.
- Terry, Ada M.: *See*—  
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- Terry, Edward H.,  $\frac{1}{2}$  to A. M. Terry. Laminated flooring. 2,758,044, 8-7-56, Cl. 154-45.9.
- Terry, Jack H., to General Electric Co. Ceramic coating for compressor blades, coated blades and method of making same. 2,757,105, 7-31-56, Cl. 117-119.
- Terry, Millard G., Jr.: *See*—  
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- Terry, Samuel M., and J. J. Reis, Jr., to Pittsburgh Plate Glass Co. Method of spinning shaped filaments of plastic materials. 2,746,839, 5-22-56, Cl. 18-54.
- Ter Veer, Louis A. G., and H. A. Siltamaki, to Bendix Aviation Corp. Accelerometers. 2,767,973, 10-23-56, Cl. 264-1.
- Terwilliger, Henry L., to Calumet and Hecla, Inc. Bending apparatus. 2,743,757, 5-1-56, Cl. 153-46.
- Terwilliger, Paul L.: *See*—  
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- Tesa S. A.: *See*—  
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- Tesh, Kimble F., to Bendix Aviation Corp. Circuit and centrifugal switch for motor speed regulation. 2,738,391, 5-13-56, Cl. 200-80.
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- Teter, John W., and R. H. Elkins, to Sinclair Refining Co. Hydrocarbon conversion process. 2,759,876, 8-21-56, Cl. 196-50.
- Teti, John, to Air Reduction Co., Inc. Flashback-proof gas burner and mixer. 2,745,476, 5-15-56, Cl. 158-27.4.
- Tetzner, Gustav. Band saw blade guide. 2,749,951, 6-12-56, Cl. 143-167.
- Teubner, Edmund E., to The Method X Co. Apparatus for electrically eroding materials. 2,756,316, 7-24-56, Cl. 213-15.
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- Teves, Marten C., and T. Tol, to Hartford National Bank and Trust Co., as trustee. Luminoscope. 2,757,293, 7-31-56, Cl. 250-213.
- Teves, Martin C., and T. Tol, to Hartford National Bank and Trust Co., trustee. Method of applying a luminescent layer to the hollow side of a support having a rotational-symmetrical curved surface. 2,760,882, 8-28-56, Cl. 117-33.5.
- Tew, Gilbert W., to Deering Milliken Research Corp. Change gear support for spinning frames and the like. 2,735,309, 2-21-56, Cl. 74-325.
- Tew, Gilbert W., to Deering Milliken Research Corp. Roll weight measuring device. 2,759,358, 8-21-56, Cl. 73-141.
- Tew, Joseph P., to Scott & Williams Inc. Automatic take-up means for knitting machines. 2,729,082, 1-3-56, Cl. 66-149.
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- Te Winkel, Jan, to Scott & Williams Inc. Automatic take-up trustee. Electrical transformer. 2,752,578, 6-26-56, Cl. 330-130.
- Tewksbury, John M., and A. A. Hemphill, to Bendix Aviation Corp. Means for operating antennas. 2,761,134, 8-28-56, Cl. 343-121.
- Tewksbury, Robert E. Proportioner. 2,732,850, 1-31-56, Cl. 137-87.
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- Texas Research Foundation : *See*—  
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- Texas Gulf Sulphur Co. : *See*—  
 Conroy, Edward H., Jr., Eads, and West. 2,765,217.  
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- Texize Chemicals, Inc. : *See*—  
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- Texplant Corp. : *See*—  
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- Textiliana Corp. : *See*—  
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- Textile and Chemical Research Co., Ltd. : *See*—  
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 Thomann, Raymond A., and Vincent. 2,742,088.
- Textile Machine Works : *See*—  
 Bützer, Gottlob. 2,737,794.  
 Draudt, William. 2,741,150.  
 Fegley, Charles R. 2,745,270.  
 Loeper, Robert P., and Mueller. 2,748,583.  
 Schlemmer, Christian F. 2,733,584.  
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- Textile Machinery Corp. : *See*—  
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 Hiensch, Johannes N. 2,743,573.
- Textile Trimming & Boarding Machine Co., Inc. : *See*—  
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- Textor, Andre F. Safety valve for tanks. 2,743,737, 5-1-56, Cl. 137-493.
- Textor, André F. Apparatus for entrapping solids in a fluid stream moving in a walled conductor. 2,762,512, 9-11-56, Cl. 210-164.
- Textrom, Ralph : *See*—  
 2. Willard, Leslie A., and Taegstroem. 2,751,563.
- Textron, Ralph, and J. W. Daniels, to Hoffman Electronics Corp. Antenna for compact radio equipment. 2,735,932, 2-21-56, Cl. 250-14.
- Textron American, Inc. : *See*—  
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- Textron Inc. : *See*—  
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 Budd, Joseph H. 2,767,695.  
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 Thackara, John W., to Rubberset Co. Rotary paint applicator. 2,766,473, 10-16-56, Cl. 15-230.
- Thacker, Ralph S., to Titeflex, Inc. Electrical connectors. 2,731,610, 1-17-56, Cl. 339-89.
- Thackray, Chas. F., Ltd. : *See*—  
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- Thagard, George F., Jr. Container for asphalt. 2,760,629, 8-28-56, Cl. 206-56.
- Thal, Fred L., to Diesel Power, Inc. Wind machine. 2,736,137, 2-28-56, Cl. 47-2.
- Thal, Harry A. Sofa bed. 2,769,987, 11-13-56, Cl. 5-37.
- Thalner, Robert R., to Sylvia Electric Products Inc. Scanning amplifier and high-voltage supply for cathode-ray tubes. 2,761,090, 8-28-56, Cl. 315-27.
- Thatcher, Otto. Process for the extraction of the contents of nuts, fruits, or like objects. 2,771,927, 11-27-56, Cl. 146-227.
- Thar, Ferdinand J. : *See*—  
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- Tharp, Emery C. : *See*—  
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- Tharp, Homer K. Apparatus for killing and removing roots from submarine pipes. 2,763,288, 9-18-56, Cl. 137-565.
- Tharpe, Bernard : *See*—  
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- T Hart, Marius : *See*—  
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- T Hart, W. C., and Zn Instrumenten-en Apparatenfabriek N. V. : *See*—  
 Michels, Antonius M. J. F. 2,766,612.
- Thatcher, Charles J., to R. O. Thatcher. Machining by high-frequency vibratory abrasion. 2,736,144, 2-28-56, Cl. 51-64.
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- Thatcher, Charles J. Ultrasonic tools. 2,774,194, 12-18-56, Cl. 51-59.
- Thatcher, Charles J., and B. Carlin; said Carlin assor, to said Thatcher. Tools for ultrasonic cutting. 2,774,193, 12-18-56, Cl. 51-59.
- Thatcher, Lewis E. : *See*—  
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- Thatcher, Lewis E., to Gaylord Products Inc. Speed responsive control for electric switch. 2,759,059, 8-14-56, Cl. 200-80.
- Thatcher, Lewis E., to Gaylord Products, Inc. Rotary speed responsive apparatus. 2,761,032, 8-28-56, Cl. 200-80.
- Thatcher, Lewis E., to Gaylord Products, Inc. Speed responsive control device. 2,761,033, 8-28-56, Cl. 200-80.
- Thatcher, Lewis E., to Gaylord Products, Inc. Rotary speed responsive switch. 2,761,036, 8-28-56, Cl. 200-80.
- Thatcher, Robert O. : *See*—  
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 Thatcher, Charles J. 2,736,148.
- Thatcher, Russell S., to General Motors Corp. Nonchattering fluid pressure relief valve. 2,761,468, 9-4-56, Cl. 137-539.
- Thatcher, Russell S., to General Motors Corp. Parallel folded filter. 2,768,752, 10-30-56, Cl. 210-169.
- Thatcher, Russell S., to General Motors Corp. Apparatus for making filters. 2,772,607, 12-4-56, Cl. 92-54.
- Thatcher, Russell S., and R. L. Bowers, to General Motors Corp. Filter valve with deflector. 2,730,125, 1-10-56, Cl. 137-543.21.
- Thau, Karl, and A. Kiel, Sr., to Kay-Tee Corp. Draft beer dispenser. 2,774,229, 12-18-56, Cl. 62-141.
- Thaxton, Bernard E. Pipe cleaners. 2,737,957, 3-13-56, Cl. 131-243.
- Thayer, Clarence H., to Sun Oil Co. Rotary converter purging system. 2,739,928, 3-27-56, Cl. 196-52.
- Thayer, Clarence H., to Sun Oil Co. Gas lift disengager. 2,752,203, 6-26-56, Cl. 302-59.
- Thayer, Clarence H., to Sun Oil Co. Elevation of granular solids. 2,753,221, 7-3-56, Cl. 302-59.
- Thayer, Earl C. : *See*—  
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- Thayer, Floyd L. : *See*—  
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- Thayer, Floyd L., and W. L. Automatic checking scale. 2,741,472, 4-10-56, Cl. 265-56.
- Thayer, Harry C., Jr. : *See*—  
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- Thayer, Lundy P. Automatic fire alarm. 2,740,369, 4-3-56, Cl. 116-106.
- Thayer, Warren L. : *See*—  
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- Thayer, Warren L., and F. L. Loader for containers and scale combination. 2,741,450, 4-10-56, Cl. 249-17.
- Thébauld, Louis. Parachute. 2,736,524, 2-28-56, Cl. 244-152.
- Thébauld, Albert R., to Rosenbaum "Q-B-KL" Parking Co. Automatic vehicle ejection device. 2,751,093, 6-19-56, Cl. 214-11.
- Theile, Richard, to Pye Ltd. Television pick-up tubes and television transmitting apparatus incorporating the same. 2,738,440, 3-13-56, Cl. 315-11.
- Theile, Richard, to Pye Ltd. Television pick-up apparatus. 2,755,408, 7-17-56, Cl. 315-11.
- Theis, William T., and L. W. Green, to Interstate Engineering Corp. Air-driven floor polisher. 2,744,272, 5-8-56, Cl. 15-49.
- Theisen, John P. : *See*—  
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- Theisen, John P., to New York Shipbuilding Corp. Automatic parking same. 2,744,074, 5-1-56, Cl. 260-2.
- Thelander, Clement C., to Buffalo-Eclipse Corp. Driven caster wheel for a lawn mower. 2,731,096, 1-17-56, Cl. 180-19.
- Thelander, Clement C., to The Elipse Lawn Mower Co., Division of Buffalo-Eclipse Corp. Clutch-pulley assembly. 2,734,390, 2-14-56, Cl. 74-230.24.
- Thelander, Wilbur V. : *See*—  
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- Theobald, Clement W., to E. I. du Pont de Nemours and Co. Polymeric organic aluminum oxides and method for preparing same. 2,744,074, 5-1-56, Cl. 260-2.
- Theobald, Harold S. Skill and effort testing machine. 2,750,683, 6-19-56, Cl. 35-22.
- Theriat, Gerald E., to Radio Corp. of America. Transistor signal amplifying circuits. 2,773,945, 12-11-56, Cl. 179-171.

- Therlaux, Leonard. Sinkers guard. 2,758,411, 8-14-56, Cl. 43-44.97.
- Therrien, Francis N. Power driven pipe wrench. 2,753,744, 7-10-56, Cl. 81-57.
- Thermal Research and Engineering Corp.: See—  
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- Thermo Cubes Co., Inc.: See—  
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- Thevenaz, Jean, to Paillard S. A. Rotary objective-carrying turret for photographic apparatus. 2,741,965, 4-17-56, Cl. 95-45.
- Thevenaz, Jean, to Paillard S. A. Motion picture projector designed for stereoscopic projection. 2,775,161, 12-25-56, Cl. 58-16.6.
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- Zeilmann, Roy H., and Smythe. 2,731,097.
- Thias, Edwin P., to Standard Coil Products Co., Inc. Tuner shield. 2,755,386, 7-17-56, Cl. 250-40.
- Thias, Edwin P., to Standard Coil Products Co., Inc. Fine tuner for turret type tuners. 2,768,300, 10-23-56, Cl. 250-40.
- Thias, Edwin P., to Standard Coil Products Co., Inc. Combination frequency selector. 2,769,042, 10-30-56, Cl. 200-6.
- Thias, Edwin P., to Standard Coil Products Co., Inc. Frequency selector. 2,773,988, 12-11-56, Cl. 250-40.
- Thias, Edwin P., and E. Feigl, to Standard Coil Products Co., Inc. Frequency selector. 2,773,986, 12-11-56, Cl. 200-40.
- Thiberville, Arthur J. Lock controlled switch. 2,756,300, 7-24-56, Cl. 200-61.67.
- Thickstun, William R.: See—  
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- Thiebaud, Nils A. Magnetic locking device. 2,730,392, 1-10-56, Cl. 292-201.
- Thiel, Felix A., Jr.: See—  
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- Thiel, Otto, to Midwest Supply and Mfg. Co. Belt arm attachment. 2,747,421, 5-29-56, Cl. 74-242.15.
- Thielcke, George W.: See—  
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- Thiele, Berthold R., to Speed Queen Corp. Power reset wringer. 2,766,601, 10-16-56, Cl. 68-23.
- Thiele, Berthold R., to Speed Queen Corp. Washing machine with collapsible agitator vanes. 2,763,147, 9-18-56, Cl. 68-134.
- Thiele, Berthold R., to Speed Queen Corp. Pressure fill system. 2,766,601, 10-16-56, Cl. 68-21.
- Thiele, Berthold R., to Speed Queen Corp. Power reset wringer. 2,766,604, 10-16-56, Cl. 68-253.
- Thiele, Berthold R., to Speed Queen Corp. Door assembly for laundry tubs. 2,766,902, 10-16-56, Cl. 220-34.
- Thiele, Edmund. Sprinkling pot for condiments, more particularly for salt and sugar. 2,758,753, 8-14-56, Cl. 222-151.
- Thielens, Wagner P.: See—  
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- Thiella, Luigi. Key holder. 2,756,583, 7-31-56, Cl. 70-456.
- Thielora, Walter C. Clearance light for motor vehicles. 2,754,410, 7-10-56, Cl. 240-7.1.
- Thiem, Gerhard G.: See—  
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- Thieman, William G.: See—  
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- Thieme, Charles R., to Esso Research and Engineering Co. Slide valve adapted for accurate control of the flow of finely divided granular solid materials. 2,742,193, 4-17-56, Cl. 222-148.
- Thiemoemann, Heinz. Tapered leader for fishing purposes from synthetic polymers. 2,774,173, 12-18-56, Cl. 43-44.98.
- Thies, Alfred F. B., to Firma B. Thies Spezialmaschinenfabrik. Process for drying textiles. Re. 2,740,126, 12-25-56, Cl. 34-15.
- Thies, Alfred F. B., to Firma B. Thies Spezialmaschinenfabrik. Process for drying textiles. 2,739,392, 3-27-56, Cl. 34-15.
- Thies, Paul E. Bowl sleeve gasket. 2,750,216, 6-12-56, Cl. 288-20.
- Thiess, Edgar R., to M. Oehme. Dispenser and cutter for rolled paper and the like. 2,753,938, 7-10-56, Cl. 164-73.
- Thigpen, Oscar K.: See—  
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- Thill, Arthur. Method of dephosphorizing and refining Thomas and Bessemer steels. 2,730,442, 1-10-56, Cl. 75-53.
- Thimann, Gunnar, to Ingeniörsfirma Invent Aktiebolag. Resilient elements. 2,754,157, 7-10-56, Cl. 305-10.
- Thiokol Chemical Corp.: See—  
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- Third National Bank of Rockford, The: See—  
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- Thirlie, John R., P. W. Vittum, and A. Weissberger, to Eastman Kodak Co. Unsymmetrical dialkyl hydroquinone anti-stain agents. 2,732,300, 1-24-56, Cl. 93-5.
- Thirup, Gunnar, to Hartford National Bank and Trust Co., trustee. Adjustable phase-shifting device for high-frequency, alternating voltages. 2,736,865, 2-28-56, Cl. 333-31.
- Thiry, Leon F. Rubber bushing. 2,771,312, 11-20-56, Cl. 287-85.
- Thiry, Leon F. Elastic articulating device. 2,772,104, 11-27-56, Cl. 287-85.
- Thiry, Leon F., and D. T. Bradley: said Bradley assor to Harris Products Co. Resilient joint. 2,774,620, 12-18-56, Cl. 287-85.
- Thixton, Clyde F. Combine leveler. 2,756,062, 7-24-56, Cl. 280-40.
- Thoburn, Herbert C., and W. L. McClure, to Sun Oil Co. Elevation of granular solids. 2,733,993, 2-7-56, Cl. 302-63.
- Thodos, George, and L. F. Stutzman, to The Pure Oil Co. Process for separating acetylenic components from mixtures. 2,753,122, 7-3-56, Cl. 183-115.
- Tholl, David M.: See—  
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- Tholl, John F. and D. M. 2,755,991.
- Tholl, John F. and D. M. 2,761,564.
- Tholl, John F. and D. M., to American Tool & Machine Co. Lubricating mechanism for centrifugal separator drive. 2,754,693, 7-17-56, Cl. 74-665.
- Tholl, John F. and D. M., to American Tool & Machine Co. Discharge apparatus for centrifugal separator. 2,755,991, 7-24-56, Cl. 233-10.
- Tholl, John F. and D. M., to Turbine Equipment Co. Centrifugal chip extractor machine. 2,761,564, 9-4-56, Cl. 210-69.
- Tholstrup, Clarence E.: See—  
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- Bell, Alan, Knowles, and Tholstrup. 2,759,828.
- Tholstrup, Henry L., to International Business Machines Corp. Relay storage unit. 2,770,304, 11-13-56, Cl. 164-113.
- Thom, John S. Christmas tree stand. 2,771,260, 11-20-56, Cl. 248-44.
- Thoma, Edwin L. Paper cup with a stirring spoon made unitary therewith. 2,745,586, 5-15-56, Cl. 229-1.5.
- Thoma, Richard W.: See—  
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- Thome, Edgar, G. m. b. H.: See—  
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- Kottler, August, and Seeger. 2,764,590.
- Thomann, Raymond A., and J. M. G. Vincent, to Textile and Chemical Research Co. Ltd. Spinneret punching machine. 2,745,981, 4-17-56, Cl. 164-115.
- Thomann, Robert, Jr.: See—  
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- Anthony, Charles, Jr., and Thomann. 2,745,807.
- Anthony, Charles, Jr., and Thomann. 2,768,952.
- Thomson, Albert. Adjustable bit boring bar. 2,775,149, 12-25-56, Cl. 77-58.
- Thomas, Albert G. Electrically charged material. 2,740,184, 4-3-56, Cl. 28-78.
- Thomas, Albert G. Electrical drying system. 2,740,756, 4-3-56, Cl. 204-180.
- Thomas, Albert G. Step motor and control system therefor. 2,774,922, 12-18-56, Cl. 318-162.
- Thomas, Alden P. Furniture support. 2,762,423, 9-11-56, Cl. 155-188.
- Thomas, Arthur, to Powers-Samas Accounting Machines Ltd. Machines controlled by statistical record cards. 2,747,669, 5-29-56, Cl. 164-114.
- Thomas, Arthur, to Powers-Samas Accounting Machines Ltd. Card aligning apparatus for statistical machines. 2,757,928, 8-7-56, Cl. 171-53.
- Thomas, Arthur, and F. S. Rhodes, to Powers-Samas Accounting Machines Ltd. Machines controlled by statistical record cards. 2,742,966, 4-24-56, Cl. 164-114.
- Thomas, Arthur, and F. S. Rhodes, to Powers-Samas Accounting Machines Ltd. Record-controlled statistical punching machine. 2,760,577, 8-28-56, Cl. 164-114.
- Thomas, Arthur H., Co.: See—  
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- Thomas, Benjamin W.: See—  
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- Thomas, Bertram M. Nail driver. 2,743,444, 5-1-56, Cl. 1-47.
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- Thomas, Charles A., to the United States of America as represented by the Secretary of War. Process for preparing composite propellants. 2,742,672, 4-24-56, Cl. 18-55.



- Thomas, Charles D. : See—  
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- Thomas, Charles E., Jr. : See—  
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- Thomas, Charles E., Jr., to The Glenn L. Martin Co. Waveguide junction. 2,735,985, 2-21-56, Cl. 333-8.
- Thomas, Charles L., to Sun Oil Co. Suppression of preignition. 2,737,932, 3-13-56, Cl. 123-1.
- Thomas, Charles L., to Sun Oil Co. Regeneration of catalysts. 2,744,861, 5-8-56, Cl. 204-72.
- Thomas, Charles L., to Sun Oil Co. Preparation of aromatic amines. 2,749,297, 6-5-56, Cl. 204-162.
- Thomas, Charles L., to Sun Oil Co. Preparation of aromatic amines. 2,749,298, 6-5-56, Cl. 204-163.
- Thomas, Charles W., to The McKay Machine Co. Control circuit for dynamic braking. 2,735,055, 2-14-56, Cl. 318-212.
- Thomas, Charles W., to Ford Motor Co. Headlight control. 2,741,725, 4-10-56, Cl. 315-83.
- Thomas, Chester A. : See—  
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- Merritt, Thomas W., Thomas, and Babb. 2,737,924.
- Thomas, Chester A., to Babson Bros. Co. Teat cup support assembly. 2,747,544, 5-29-56, Cl. 119-14.13.
- Thomas, Chester L. Adjustable motorized chairs. 2,770,233, 11-13-56, Cl. 128-33.
- Thomas, Cyril B., to General Electric Co. Apparatus for electrolytically cleaning lamp stem lead wires. 2,749,300, 6-5-56, Cl. 204-200.
- Thomas, Dalton A. Differential gearing for vehicles. 2,737,063, 3-6-56, Cl. 74-711.
- Thomas, David F. : See—  
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- Thomas, David F., and G. A. Rathburn, to Watrous Co. Fire pump. 2,750,893, 6-19-56, Cl. 103-106.
- Thomas, David F., and G. A. Rathburn, to Watrous Co. Centrifugal pump. 2,750,894, 6-19-56, Cl. 103-108.
- Thomas, David L. : See—  
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- Clavier, André G., and Thomas. 2,770,783.
- Thomas, Donald E., to Bell Telephone Laboratories, Inc. Transistor circuits. 2,757,243, 7-31-56, Cl. 179-171.
- Thomas, Donald E., to Bell Telephone Laboratories, Inc. Frequency modulated transistor oscillators. 2,771,584, 11-20-56, Cl. 332-29.
- Thomas, Donald E., K. M. Goldman, R. B. Gordon, and W. A. Johnson, to Westinghouse Electric Corp. Zirconium alloys. 2,772,964, 12-4-56, Cl. 75-177.
- Thomas, Emil L. Grinding wheel cooling device. 2,746,220, 5-1-56, Cl. 1-166.
- Thomas, Eric L., to The Sperry Gyroscope Co., Ltd. Networks for compensating errors due to absorption effects in capacitors. 2,745,007, 5-8-56, Cl. 250-27.
- Thomas, Eugene P., to Rigidized Metals Corp. Method of producing ornamental metallic sheets. 2,754,581, 7-17-56, Cl. 29-566.
- Thomas, Frank W. : See—  
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- Simon, Eli, Thomas, and Broney. 2,772,245.
- Thomas, Frank W., and E. Simon, to Lockheed Aircraft Corp. Cellular phenolic resin materials. 2,744,875, 5-8-56, Cl. 260-2.5.
- Thomas, Frederick L., to Bjorksten Research Laboratories, Inc. Safety glass. 2,744,516, 5-8-56, Cl. 154-275.
- Thomas, Friedrich : See—  
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- Thomas, Gale F., and G. T. Bixby, to Smoot-Holman Co. Hanger for lighting fixture. 2,753,445, 7-3-56, Cl. 240-78.
- Thomas, George E. : See—  
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- Thomas, George F., to Prater Pulverizer Co. Magnetic separating means and transporting device. 2,738,876, 3-20-56, Cl. 208-218.
- Thomas, George R. Nitration of carbamate esters. 2,758,132, 8-7-56, Cl. 260-482.
- Thomas, George R. Process for the preparation of chloronitrocarbamic acid ester. 2,772,306, 11-27-56, Cl. 260-482.
- Thomas, Gerald B., and J. Moon, to Signal Oil and Gas Co. Sub-surface bore hole gages. 2,747,405, 5-29-56, Cl. 73-345.
- Thomas, Gerald R. : See—  
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- Thomas, Gerald R., to Chrysler Corp. Hood or deck lid. 2,774,098, 12-1-56, Cl. 16-180.
- Thomas, Gordon E. : See—  
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- Thomas, Graham I., to National Research Development Corp. Electronic digital computing machines. 2,767,908, 10-23-56, Cl. 23-61.
- Thomas, Harry L. Load and speed governor for internal combustion engines. 2,749,938, 6-12-56, Cl. 137-483.
- Thomas, Harry J., Jr. : See—  
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- Thomas, Harry J., Jr., to Raytheon Mfg. Co. High frequency oscillation control. 2,769,087, 10-30-56, Cl. 250-36.
- Thomas, Harry L. Irrigating and fertilizing device. 2,760,819, 8-28-56, Cl. 299-83.
- Thomas, Henry A., to Ethyl Corp. Portable hand wheel actuator. 2,750,809, 6-19-56, Cl. 74-472.
- Thomas, Henry P., to General Electric Co. Multiplex system. 2,747,017, 5-22-56, Cl. 179-15.
- Thomas, Herr E. : See—  
Ahn, Bruno, and Dehne. 2,735,409.
- Thomas, Howard J. : See—  
Von Stroh, Gerald F. H., and Thomas. 2,757,784.
- Thomas Industries Inc. : See—  
Ditch, Franklin D. 2,743,469.
- Mishkin, William K., Schwemmer, and Buschcott. 2,767,307.
- Thomas, Iorwerth H. : See—  
Moseley, John F., Thomas, and Vincent. 2,762,399.
- Thomas, Iorwerth H., and F. Davies, to The British Cotton Industry Research Association. Looms for weaving. 2,766,776, 10-16-56, Cl. 139-171.
- Thomas, Ivan : See—  
Herbert, Earl. 2,731,598.
- Thomas, James A., to United States Steel Corp. Device for applying lubricant to wire. 2,764,126, 9-25-56, Cl. 118-612.
- Thomas, James R., to J. A. Weber. Stencil holding hand stamp. 2,765,737, 10-9-56, Cl. 101-125.
- Thomas, Jess W. Cattle gate and chute. 2,773,476, 12-11-56, Cl. 119-99.
- Thomas, Jesse B., to Reynolds Metals Co. Method of making iron welded joint. 2,762,904, 9-11-56, Cl. 219-104.
- Thomas, John B. : See—  
Rush, Dale B., Springer, Thomas, and Woody. 2,775,414.
- Thomas, John B., and D. E. Woody, to The Reliance Electric and Engineering Co. Differential control for beam left off drive or the like. 2,753,128, 7-3-56, Cl. 242-75.
- Thomas, John M. Hydrant sprinkler for playgrounds. 2,759,766, 8-21-56, Cl. 299-73.
- Thomas, John V. Stroke multiplier. 2,772,573, 12-4-56, Cl. 74-110.
- Thomas, John V. Stroke charging mechanism. 2,772,574, 12-4-56, Cl. 74-110.
- Thomas, Joseph R. Convertible furniture. 2,731,651, 1-24-56, Cl. 5-83.
- Thomas, Joseph R. Convertible furniture. 2,738,519, 3-20-56, Cl. 5-12.
- Thomas, Joseph R. Convertible furniture. 2,744,265, 5-8-56, Cl. 5-12.
- Thomas, Joseph R. Convertible seat bed with forwardly over-turning seat. 2,748,398, 6-5-56, Cl. 5-13.
- Thomas, Joseph R. Convertible furniture. 2,751,607, 6-26-56, Cl. 5-149.
- Thomas, Joseph R. Davenport bed. 2,755,486, 7-24-56, Cl. 118-612.
- Thomas, Kenneth H., and C. C. Eaton. Electric cleanout plug warning device. 2,761,037, 8-28-56, Cl. 200-83.
- Thomas, Kenneth L. : See—  
Yenni, Donald M., and Thomas. 2,753,427.
- Thomas, Lewis C. : See—  
Merrill, Francis G., and Thomas. 2,748,283.
- Thomas, Loy E. Time control for telephone circuits. 2,732,012, 1-24-56, Cl. 161-1.
- Thomas, Maurice B. Navigational aid. 2,766,932, 10-16-56, Cl. 235-61.
- Thomas, Moyer D. : See—  
Ivie, James O., and Thomas. 2,748,842.
- Thomas, Paul : See—  
Huiskens, Heinrich, and Thomas. 2,763,479.
- Thomas, Ralph B. : See—  
Mann, Oliver, and Thomas. 2,759,498.
- Thomas, Ralph H., to Sylvania Electric Products Inc. End cap for fluorescent lamp. 2,771,589, 11-20-56, Cl. 339-144.
- Thomas, Ralph H., to Bristol-Myers Co. Dispenser. 2,749,566, 6-12-56, Cl. 15-132.7.
- Thomas, Ralph H., to Bristol-Myers Co. Dispenser. 2,778,826, 8-5-56, Cl. 222-394.
- Thomas, Ralph W., and W. C. Williams, to Waukesha Foundry Co. Alloy and method of manufacture thereof. 2,743,176, 4-24-56, Cl. 75-171.
- Thomas, Ray W. : See—  
Wester, Hugh G., and Thomas. 2,732,339.
- Thomas, Robert E., to the United States of America as represented by the United States Atomic Energy Commission. Limited amplifier. 2,770,684, 11-13-56, Cl. 179-171.
- Thomas, Robert E., to the United States of America as represented by the United States Atomic Energy Commission. Millivolt gating circuit. 2,775,696, 12-25-56, Cl. 250-27.
- Thomas, Robert M. : See—  
Churchill, John W., and Thomas. 2,755,136.
- Churchill, John W., and Thomas. 2,755,310.
- Ernst, John L., and Thomas. 2,739,141.
- Smith, Raymond C., and Thomas. 2,734,047.
- Thomas, Robert M., to Olin Mathieson Chemical Corp. Production of organic chlorides by reaction of organic compound with ammonium chloride. 2,755,312, 7-17-56, Cl. 260-652.
- Thomas, Sid B. Device for recovering cotton. 2,730,855, 1-17-56, Cl. 56-128.
- Thomas, Talbot E., to The Firestone Tire & Rubber Co. Curing bag construction. 2,730,767, 1-17-56, Cl. 18-45.
- Thomas, Theron H., and J. W. Huggins, to Mathews Conveyor Co. Controlled gravity conveyor. 2,769,515, 11-6-56, Cl. 193-35.
- Thomas, Thomas R. Lubrication. 2,732,915, 1-31-56, Cl. 184-7.
- Thomas, Thomas R., to Auto Research Corp. Window inserts. 2,765,661, 10-9-56, Cl. 73-334.

- Thomas, Thomas R., to Auto Research Corp. Lubricating pump. 2,773,562, 12-1-56, Cl. 184-27.
- Thomas, Walter M.: *See—*
- Sinek, Jerry V., and Thomas. 2,747,290.
- Wohnsiedler, Henry P., and Thomas. 2,739,081.
- Thomas, Walter M., to American Cyanamid Co. Coated glass panels and process of preparing the same. 2,766,142, 10-9-56, Cl. 117-126.
- Thomas, Wilbur E. Automatic collator. 2,753,180, 7-3-56, Cl. 270-58.
- Thomas, Wilford H.: *See—*
- Gratits, Albert P., Limper, and Thomas. 2,744,007.
- Gratits, Albert P., and Thomas. 2,756,140.
- Padgett, Frank L., Smith, and Thomas. 2,761,777.
- Thomas, William. Adjustable self-balancing excavating apparatus. 2,753,637, 7-10-56, Cl. 37-88.
- Thomas, William A., to Marvel Engineering Co. Filters. 2,730,241, 1-10-56, Cl. 210-165.
- Thomas, William W., to W. Waterman. Hydraulic fuses. 2,772,063, 11-27-56, Cl. 251-16.
- Thomson, Paul E. Belt sander attachment. 2,768,481, 10-30-56, Cl. 51-135.
- Thomason, Jesse L., to General Electric Co. Support members for end turns of electrical coils. 2,735,075, 2-14-56, Cl. 336-60.
- Thommen, Carl A., to Swift & Co. Method of preparing a precooked pork sausage. 2,760,868, 8-28-56, Cl. 99-109.
- Thompson, Albert A., deceased,  $\frac{4}{100}$  to W. B. Goode; K. V. Rooke, administrator of A. A. Thompson. Island support. 2,767,626, 10-25-56, Cl. 94-1.
- Thompson, Albert E. and W. E. Vehicle mounted jack. 2,739,784, 3-27-56, Cl. 254-86.
- Thompson, Alfred L., to Standard Railway Equipment Mfg. Co. Hatch cover lock. 2,735,709, 2-21-56, Cl. 292-241.
- Thompson, Alfred R. Loading die for small arms ammunition. 2,741,148, 4-10-56, Cl. 56-23.
- Thompson, Benjamin, to Eastman Kodak Co. Production of aliphatic nitriles from imines. 2,731,488, 1-17-56, Cl. 260-465.
- Thompson, Benjamin, to Eastman Kodak Co. Production of saturated aliphatic nitriles from aldehydes and imines prepared therefrom. 2,755,300, 7-17-56, Cl. 260-465.1.
- Thompson, Bernadine G.: *See—*
- Thompson, Theodore L. and B. G. 2,773,494.
- Thompson, Eli H. Carpet gripper molding. 2,770,002, 11-13-56, Cl. 16-7.
- Thompson, Bruce: *See—*
- Stoops, William N., and Thompson. 2,766,215.
- Thompson, Bryan. Drawer catch. 2,731,321, 1-17-56, Cl. 312-348.
- Thompson, Bryan. Sanitary janitor stool. 2,738,215, 3-13-56, Cl. 294-61.
- Thompson, Clifton E.: *See—*
- Flood, John J., and Thompson. 2,753,425.
- Thompson, Clinton O. and S. C. Film cutter having a knife and a transport block for advancing film to the knife. 2,751,004, 6-19-56, Cl. 164-42.
- Thompson, Daniel V., to Tubular Textile Machine Corp. Stripe matching machine. 2,737,700, 3-13-56, Cl. 26-51.5.
- Thompson, Dean W.: *See—*
- McKnight, Charles H., and Thompson. 2,738,229.
- Thompson, Donald F., and W. W. Allen, to American Chemical Paint Co. Pentachlorophenol salt of 3-amino-1,2,4-triazole. 2,764,564, 9-25-56, Cl. 260-308.
- Thompson, Donald L., to Mar-Don Mfg. Co. Fish mouth spreader. 2,747,321, 5-29-56, Cl. 43-53.5.
- Thompson, Earl A. Milling machine. 2,773,431, 12-11-56, Cl. 90-18.
- Thompson, Earl H. Molding apparatus. 2,769,202, 11-6-56, Cl. 18-84.
- Thompson Electric Co., The: *See—*
- Farrington, Robert K. and T. B. 2,745,688.
- Farrington, Thayne B., and Dabell. 2,773,975.
- Thompson, Emery F., to Emery Thompson Machine & Supply Co. Process and apparatus for continuously freezing confections. 2,735,276, 2-21-56, Cl. 62-114.
- Thompson, Emery, Jr., to Emery Thompson Machine & Supply Co. Apparatus for producing frozen confections. 2,740,264, 4-3-56, Cl. 62-4.
- Thompson, Emery, Machine & Supply Co.: *See—*
- Thompson, Emery, Jr. 2,735,276.
- Thompson, Emery, Jr. 2,740,264.
- Thompson, Ernest H., to Automatic Canteen Co. of America. Selective beverage vending machine. Re. 2,42,228, 10-23-56, Cl. 141-94.
- Thompson, Ernest, Jr., to Allied Chemical & Dye Corp. Gas off-take system of coke oven battery. 2,759,885, 8-21-56, Cl. 202-256.
- Thompson, Ernest S., to himself and E. Thompson, jointly. Multiple, adjustable blade scraper. 2,749,631, 6-12-56, Cl. 37-156.
- Thompson, Ernest: *See—*
- Thompson, Ernest S. 2,749,631.
- Thompson, Frederick C.: *See—*
- Alsenstein, Simon, Thompson, and Esterson. 2,733,378.
- Thompson, Frederick C., to Converti-Bench Corp. Foldaway bench-table shipping-storage unit. 2,745,466, 5-15-56, Cl. 155-43.
- Thompson, George. Clam opener. 2,747,220, 5-29-56, Cl. 17-9.
- Thompson, George E.: *See—*
- Gordon, Moses, and Thompson. 2,739,101.
- Thompson, George F., to The Wellman Engineering Co. Grab bucket. 2,745,510, 6-5-56, Cl. 37-186.
- Thompson, George J.: *See—*
- Pigman, Samuel S., and Thompson. 2,749,383.
- Thompson, George V. Incinerator. 2,760,451, 8-28-56, Cl. 110-18.
- Thompson, Glenn S.: *See—*
- Kohls, Erich E., and Thompson. 2,747,845.
- Thompson Grinder Co., The: *See—*
- Ernst, Walter. 2,730,074.
- Kraft, Frederick G. 2,729,919.
- Thompson, H. L. Fiberglass Co., The: *See—*
- Parker, Leon. 2,730,475.
- Thompson, Harold D., to J & B Building Products. Forming apparatus for concrete and the like. 2,734,250, 2-14-56, Cl. 25-181.5.
- Thompson, Harold L.: *See—*
- Steen, Harford K., and Thompson. 2,775,171.
- Thompson, Harry C.: *See—*
- Weimer, Paul K., and Thompson. 2,767,684.
- Thompson, Harry V. Conductivity cell for determining the salinity of sea water. 2,733,201, 1-31-56, Cl. 204-195.
- Thompson, Harvey A., Jr. Back-lighted projection screens. 2,738,706, 3-20-56, Cl. 88-28.93.
- Thompson-Hayward Chemical Co.: *See—*
- Thompson, Harry C., to L. O. P. Glass Fibers Co. Reinforced plastic articles. 2,746,896, 5-22-56, Cl. 154-128.
- Thompson, Henry L.: *See—*
- Zimmerman, Eli, and Thompson. 2,731,088.
- Thompson, Herbert B., to J. D. Wright,  $\frac{1}{2}$  to Rhodesian Jute Industries Ltd. Means for the treatment of vegetable fibres. 2,746,092, 5-22-56, Cl. 19-10.
- Thompson, Herbert L. Fly-tying bobbin. 2,738,140, 3-13-56, Cl. 242-140.
- Thompson, Herbert L. Fly-tying vise. 2,769,607, 11-6-56, Cl. 248-226.
- Thompson, Howard A., to Westinghouse Air Brake Co. Railway signaling systems. 2,753,447, 7-3-56, Cl. 246-46.
- Thompson, Herbert A., to Westinghouse Air Brake Co. Railway signaling systems. 2,768,285, 10-23-56, Cl. 246-50.
- Thompson, Irving C. Industrial truck. 2,752,054, 6-26-56, Cl. 214-147.
- Thompson, Ivan P., W. Althuang, and W. C. Weidner, to Union Carbide and Carbon Corp. Pyrochemical scarfing devices. 2,745,475, 5-15-56, Cl. 158-27.4.
- Thompson, Iveson G. III. Motorized locking means. 2,741,503, 4-10-56, Cl. 292-251.
- Thompson, James I.,  $\frac{1}{2}$  to D. I. Cooper. Pouring spouts for cream jars and lids. 2,741,942, 4-17-56, Cl. 95-31.
- Thompson, James S., to Coal Industry (Patents) Ltd. Scraper buckets. 2,770,058, 11-13-56, Cl. 37-147.
- Thompson, Jay D., to Bemis Bro. Bag Co. Flexible walled containers. 2,766,926, 6-16-56, Cl. 229-55.
- Thompson, Jerome B., and B. D. Buddemeyer, to C. J. Patterson Co. Salts of fatty acid esters of lactic acids. 2,733,252, 1-31-56, Cl. 260-410.9.
- Thompson, Jerome B., and B. D. Buddemeyer, to C. J. Patterson Co. Acyl lactic acid products. 2,744,825, 5-8-56, Cl. 99-91.
- Thompson, Jerome B., and B. D. Buddemeyer, to C. J. Patterson Co. Flour composition. 2,744,826, 5-8-56, Cl. 99-93.
- Thompson, John B.: *See—*
- Marks, Bernard M., and Thompson. 2,737,533.
- Thompson, John W.: *See—*
- Geisler, Harold F., and Thompson. 2,761,479.
- Thompson, John W.: *See—*
- Shields, Donald J., Thompson, and Knowles. 2,735,218.
- Thompson, John W., to Eastman Kodak Co. Method of treating gasoline with citric acid to remove copper. 2,739,103, 3-20-56, Cl. 196-39.
- Thompson, John W., to Eastman Kodak Co. Mono-esters of citric acid as metal deactivators for motor fuels. 2,747,979, 3-20-56, Cl. 20-56.
- Thompson, John W., and D. J. Shields, to Eastman Kodak Co. Color stabilization of leaded inhibited gasoline employing aryl derivatives of hydroquinone and 1,4-benzoquinone. 2,739,048, 3-20-56, Cl. 44-59.
- Thompson, John W., and D. J. Shields, to Eastman Kodak Co. Color stabilization of arylamine antioxidants employing hydroquinone and derivatives thereof. 2,739,131, 3-20-56, Cl. 252-403.
- Thompson, Joseph C. Chiropractic headrest with magnetic retaining means. 2,756,744, 7-31-56, Cl. 128-69.
- Thompson, Josephus,  $\frac{3}{4}$  to Grover Musical Products, Inc. Bridge for stringed musical instrument. 2,739,502, 3-27-56, Cl. 84-307.
- Thompson, Keith R., to Monroe Auto Equipment Co. Spinning machine. 2,737,916, 3-13-56, Cl. 113-52.
- Thompson, Kenneth W., and A. M. Corrente, to Organon Inc. Pharmaceutical preparation for the treatment of hyperacidity. 2,774,710, 12-18-56, Cl. 167-55.
- Thompson, Laurence P., to Personal Products Corp. Method of incorporating quaternary ammonium compounds in paper. 2,756,647, 7-31-56, Cl. 92-40.
- Thompson, Lee L. Vibrator screens for screening rotary drilling mud. 2,750,045, 6-12-56, Cl. 210-149.
- Thompson, Leonard,  $\frac{50}{100}$  to R. E. Green. Key ejector. 2,738,667, 3-20-56, Cl. 70-414.
- Thompson, Leslie V. Ratchet wrench. 2,764,048, 9-25-56, Cl. 81-57.
- Thompson, Lincoln, F. E. Runge, and W. H. Lyon, to The Soundscribe Corp. Scanning mechanism for magnetic tape recorders. 2,743,319, 4-24-56, Cl. 179-100.2.



- Thompson, Lincoln, F. E. Runge, and W. H. Lyon, to The  
Souderscriber Corp. Long playing magnetic tape recorder.  
2,750,449, 6-12-56, Cl. 179-100.2.
- Thompson, Lockley, to The General Electric Co. Cold storage  
device for vehicles. 2,752,216, 6-26-56, Cl. 312-214.
- Thompson, Louis J. Dairy order indicator. 2,732,821,  
1-31-56, Cl. 116-133.
- Thompson Mfg. Co., Inc. *See—*  
Grainland, Charles J. 2,753,922.
- Thompson, Moody C. Razor. 2,742,695, 4-24-56, Cl. 30-64.
- Thompson, Marcus C. Jr., to The United States of America as  
represented by the Secretary of Commerce. Crystal-con-  
trolled blocking oscillators. 2,761,971, 9-4-56, Cl.  
259-36.
- Thompson, Morris, to the United States of America as rep-  
resented by the Secretary of the Army. Filling plug for fuel  
and pressure containers. 2,769,566, 11-6-56, Cl. 220-44.
- Thompson, Murray. Pot lid with magnetic quick-detachable  
handle. 2,731,663, 1-24-56, Cl. 16-114.
- Thompson, Niles J., to Gould-National Batteries, Inc.  
Storage battery filler. 2,771,101, 11-20-56, Cl. 31-7.
- Thompson, Norman F., 3rd, and G. Marres, to The William  
L. Gilbert Clock Corp. Timing device of the resettable  
and variable type. 2,773,548, 12-11-56, Cl. 161-1.
- Thompson, Norman J., to Factory Mutual Research Corp.  
Fire detector. 2,768,069, 10-23-56, Cl. 23-255.
- Thompson, Phillip A., to J. Smith Corp. Combination  
catalyst screen support and cover. 2,747,975, 5-29-56,  
Cl. 23-288.
- Thompson Products, Inc. *See—*  
Aldredge, Marshall H. 2,755,116.  
Angell, Pierce T., and Cliborn. 2,749,842.  
Armstrong, Adna A. 2,761,801.  
Armstrong, Adna A. 2,768,918.  
Bartlett, Kenneth M. 2,766,077.  
Bartlett, Kenneth M. 2,753,859.  
Booth, James H. 2,748,570.  
Booth, James H. 2,748,762.  
Booth, James H. 2,749,057.  
Booth, James H. 2,756,484.  
Booth, James H., and Gair. 2,771,301.  
Booth, James H., and Gair. 2,771,302.  
Booth, James H., and Herbenar. 2,748,899.  
Booth, James H., and Herbenar. 2,748,900.  
Cable, Herbert W. 2,768,038.  
Cable, Herbert W. 2,768,039.  
Chapman, Walter R. 2,740,909.  
Cherry, Dean B. 2,766,355.  
Cliborn, Robert. 2,749,733.  
Cliborn, Robert. 2,749,736.  
Cockerham, Frank E., and Darko. 2,747,059.  
Crawford, Frederick C. 2,754,570.  
Dackor, Emil. 2,761,255.  
De Vlieg, Charles B., H. R., and C. R. 2,773,432.  
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Di Stefano, John F., and Smith. 2,761,393.  
Eisele, William H. 2,736,266.  
Elliott, William R. 2,769,941.  
Elliott, William R. 2,769,947.  
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Engemann, Herbert H. 2,732,832.  
Fairweather, Stephen H. 2,770,726.  
Fathauer, George H. 2,761,972.  
Fidler, Robert E. 2,761,715.  
Gapstun, John J. 2,750,819.  
Gates, Richard L. 2,745,917.  
Gleeson, William S. 2,742,030.  
Graham, Matthew P. 2,744,309.  
Graham, Matthew P. 2,761,694.  
Graham, Matthew P. 2,761,695.  
Herbenar, Edward J. 2,739,851.  
Herbenar, Edward J. 2,757,989.  
Herbenar, Edward J., and Mazur. 2,761,326.  
Honeyman, Robert N., and Pekarek. 2,753,858.  
Jacques, George B., and Gates. 2,733,318.  
Jones, Ernest A. 2,770,801.  
Kampe, Robert A., and Croninger. 2,763,919.  
Kilgore, Charles R. 2,761,433.  
Lansing, Paul J., and Krodel. 2,756,626.  
Lepley, Allen E. 2,753,465.  
Marquis, Donald P., and French. 2,734,760.  
Melbuhur, George C. 2,736,560.  
Murray, John F. 2,767,658.  
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Norton, Samuel H. 2,749,194.  
Norton, Samuel H. 2,758,583.  
Norton, Samuel H. 2,761,433.  
Prasse, Herbert F. 2,729,524.  
Prasse, Herbert F., and Armstrong. 2,742,356.  
Reinberger, William C. 2,771,827.  
Ricks, Bernard E. 2,736,581.  
Roush, Milton S. 2,744,723.  
Sampietro, Achilles C. 2,771,866.  
Schunemann, Carl F. 2,769,068.  
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Seal, Reed E. 2,775,024.  
Sietman, Herbert E. 2,729,525.  
Sinclair, George, and J. H. Jones. 2,736,864.  
Snyder, Jacob R. 2,756,910.  
Snyder, Jacob R. 2,761,462.  
Tauschek, Max J. 2,742,031.
- Thompson Products, Inc. *See—Continued*  
Turner, Percy P., Jr., and Jones. 2,751,668.  
Turner, Percy P., Jr., and Jones. 2,755,184.  
Turner, Percy P., Jr., and Ruppender. 2,763,920.  
Turner, Percy P., Jr., and Ruppender. 2,763,921.  
Wainer, Eugene. 2,772,985.  
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Wellington, Joseph C., Jr. 2,749,450.
- Thompson, Ralph B. *See—*  
Bloch, Herman S., and Thompson. 2,752,327.  
Bloch, Herman S., and Thompson. 2,757,167.  
Chenick, Joseph A., and Thompson. 2,734,807.  
Chenick, Joseph A., and Thompson. 2,754,183.  
Thompson, Ralph B., to Universal Oil Products Co. Stabiliza-  
tion of hydrocarbon distillates. 2,734,814, 2-14-56, Cl.  
52-5.  
Thompson, Ralph B., to Universal Oil Products Co. Stabiliza-  
tion of organic compounds. 2,746,871, 5-22-56, Cl.  
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Thompson, Ralph B., to Universal Oil Products Co. Stabiliza-  
tion of organic compounds. 2,770,545, 11-13-56, Cl.  
99-163.  
Thompson, Ralph B., to Universal Oil Products Co. Metal de-  
activators. 2,770,546, 11-13-56, Cl. 99-163.  
Thompson, Ralph B., to Universal Oil Products Co. Stabili-  
zation of organic compounds. 2,771,349, 11-20-56, Cl.  
44-75.  
Thompson, Ralph B., to Universal Oil Products Co. Stabiliza-  
tion of organic compounds. 2,771,368, 11-20-56, Cl.  
99-163.  
Thompson, Ralph B., and T. Symon, to Universal Oil Prod-  
ucts Co. Stabilization of organic compounds. 2,771,367,  
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Thompson, Raymond A., to McGraw Electric Co. Taper tool  
for tapering fluid conduit or pipe in the field. 2,746,497,  
5-22-56, Cl. 144-203.  
Thompson, Raymond A., to McGraw Electric Co. Clencher  
nut. 2,759,164, 8-14-56, Cl. 339-246.  
Thompson, Reuben A. Gauze holder. 2,752,106, 6-26-56,  
Cl. 242-55.2.  
Thompson, Richard B. *See—*  
Thompson, Thomas F. 2,774,060.  
Thompson, Richard W. Map holder. 2,732,642, 1-31-56, Cl.  
40-13.  
Thompson, Robert B., to Dorr-Oliver Inc. Method of calcin-  
ing lime bearing sludges. 2,738,182, 3-13-56, Cl. 263-53.  
Thompson, Robert L. *See—*  
Finlay, Alexander, Jr., Hecox, and Thompson. 2,773,951.  
Thompson, Roy F., and R. F. Hartmeister, said Hartmeister  
to said Thompson. Saw sharpening machine. 2,762,242,  
9-11-56, Cl. 76-43.  
Thompson, Russell G., to Eastman Kodak Co. Electromag-  
netic translating device. 2,743,398, 4-24-56, Cl. 317-189.  
Thompson, Russell G. *See—*  
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Thompson, Stanley G. *See—*  
Hill, Orville F., and Thompson. 2,767,044.  
Thompson, Stanley G., B. B. Cunningham, and A. Ghiorso, to  
the United States of America as represented by the United  
States Atomic Energy Commission. Production of curium.  
243. 2,741,627, 4-10-56, Cl. 260-429.1.  
Thompson, T. C., and Son Ltd. *See—*  
Ball, William F. 2,766,718.  
Thompson, Thalmir J. Adhesive bandage. 2,755,800,  
7-24-56, Cl. 128-156.  
Thompson, Thelma V. *See—*  
Steen, Harford K., and Thompson. 2,775,171.  
Thompson, Theodore L. and B. G. Fishing line casting guns.  
2,773,494, 12-11-56, Cl. 124-15.  
Thompson, Thomas *See—*  
Craig, Robert, and Thompson. 2,738,572.  
Thompson, Thomas F., 3/4 to R. B. Thompson, 1/4 to D. Belford,  
and 1/4 to O. D. Olson. Detecting means for stolen goods.  
2,774,060, 12-11-56, Cl. 340-258.  
Thompson, Thomas J. *See—*  
Mock, Frank C., and Thompson. 2,774,215.  
Thompson, Thomas, Jr. *See—*  
Stoner, Clair A. 2,739,819.  
Thompson, Thomas, Sr. *See—*  
Stoner, Clair A. 2,739,819.  
Thompson Trailer Corp. *See—*  
Hussong, James C., and Messiek. 2,772,789.  
Thompson, Tom H., to Sabre Research Corp. Hydraulic  
transmission mechanism. 2,750,745, 6-19-56, Cl. 60-54.  
Thompson, Tom H., to Sabre Research Corp. Self-damped  
torsion spring. 2,751,217, 6-19-56, Cl. 267-57.  
Thompson, Virginia A. Candle lamp. 2,741,110, 4-10-56,  
Cl. 67-23.  
Thompson, Wallace M., to Harris Foundry & Machine Co.  
Baling press. 2,748,694, 6-5-56, Cl. 100-232.  
Thompson, Wallace M., K. G. Swint, Jr., and A. T. Roberts,  
Jr., to Dacam Corp. Automatic carton-case loading ma-  
chine. 2,746,662, 5-22-56, Cl. 226-14.  
Thompson, Walter N. Straight pull jar. 2,733,046, 1-31-56,  
Cl. 255-27.  
Thompson, Walter Van E. Low angle sprinkler nozzle.  
2,736,607, 2-28-56, Cl. 299-120.  
Thompson, William D. *See—*  
Keim, Gerald I., and Thompson. 2,762,270.  
Thompson, William E. *See—*  
Thompson, Albert E., and W. E. 2,739,784.  
Thompson, William E., to Sun Oil Co. Preventing dis-  
coloration of partially oxidized petroleum. 2,767,204,  
10-16-56, Cl. 260-452.

- Thompson, William E., to Sun Oil Co. Hardening oxidized microcrystalline wax. 2,767,205, 10-16-56, Cl. 268-452.
- Thompson, William J., to C & M Mfg. Co. Cushion pad for jewelry packing and shipping container. 2,731,143, 1-17-56, Cl. 206-75.
- Thompson, William L. Trailer and towing vehicle aligning indicator. 2,736,885, 2-23-56, Cl. 340-282.
- Thompson, William M.: See—  
Maxwell, Loyal C., and Thompson. 2,751,329.  
Maxwell, Loyal C., and Thompson. 2,758,055.
- Thompson, William M., K. C. Sekmakas, and E. Dickinson, to Armour and Co. Use of a salt in the extraction slurry in recovering proteolytic enzymes from pancreas gland material. 2,751,330, 6-19-56, Cl. 195-67.
- Thompson, William M., and K. Sekmakas, to Armour and Co. Extraction of proteolytic enzymes from insulin-free pancreas glands. 2,758,056, 8-7-56, Cl. 195-66.
- Thompson, William M., L. A. Graham, and R. J. Seidel, to Armour and Co. Method of extracting and purifying acylase. 2,769,749, 11-6-56, Cl. 195-66.
- Thompson, William O. Liquefied gas system. 2,747,374, 5-29-56, Cl. 62-1.
- Thoms, Louis: See—  
Waterhouse, Charles L., Pyuro, and Thoms. 2,733,096.
- Thoms, Waldemar E. Jewelers' tweezers. 2,764,905, 10-2-56, Cl. 81-43.
- Thomsen, Alfred M. Method of extracting halogens. 2,737,449, 3-6-56, Cl. 23-215.
- Thomsen, Alfred M. Method of processing fluorspar. 2,747,963, 5-29-56, Cl. 23-66.
- Thomsen, Alfred M., to American Chrome Co. Method of manufacturing chromium compounds. 2,754,173, 7-10-56, Cl. 23-56.
- Thomsen, Alfred M., to American Chrome Co. Method of processing disseminated chromite ores. 2,772,957, 12-4-56, Cl. 75-1.
- Thomsen, Alfred M. Method of treating pickle liquors. 2,775,508, 12-25-56, Cl. 23-61.
- Thomsen, Elmer R. Chain delivery unit for printing presses. 2,730,334, 1-27-56, Cl. 27-19.
- Thomsen, Jens H., and T. N. Granger. Variable height vehicle. 2,749,137, 6-3-56, Cl. 280-8.
- Thomsen, Max M.: See—  
Goddard, Charles H., and Thomsen. 2,759,094.
- Thomsen, Norman M., to Scadio Corp. of America. Method of producing crystals. 2,742,438, 4-17-56, Cl. 252-501.
- Thomsen, Soren M., to Radio Corp. of America. Sintered photoconducting layers. 2,765,385, 10-2-56, Cl. 201-63.
- Thomsen, Soren M., to Radio Corp. of America. Method of making and activating magnesium sulfide phosphor. 2,768,142, 10-23-56, Cl. 252-301.
- Thomsen, Theodore R., to Robotron Corp. Pulse generator. 2,768,289, 10-23-56, Cl. 250-27.
- Thomson, Alan C. Steering control for helicopter. 2,750,131, 6-1-56, Cl. 24-4.
- Thomson, Allan S. Machine attachments for tools. 2,729,076, 1-3-56, Cl. 64-29.
- Thomson, Charles, to Cable Belt Ltd. Conveyor belt construction. 2,732,930, 1-31-56, Cl. 198-201.
- Thomson, Charles, to Cable Belt Ltd. Conveyors. 2,746,596, 5-22-56, Cl. 198-203.
- Thomson, Charles, to Cable Belt Ltd. Cable driven conveyors. 2,751,065, 6-19-56, Cl. 198-191.
- Thomson, Edward. Inertia operated shock load release switch. 2,737,549, 3-6-56, Cl. 198-191.
- Thomson, Edward. Inertia operated shock load switch. 2,747,041, 5-22-56, Cl. 200-61.46.
- Thomson, Edward F.: See—  
Gibson, William, and Thomson. 2,763,360.
- Thomson, George: See—  
Wood, Richard D., Jr., and Thomson. 2,744,844.  
Wood, Richard D., Jr., Thomson, and Whitaker. 2,740,457.
- Thomson, George, to Millville Mfg. Co. Organic dispersion type adhesion and chemical preparation and application. 2,753,287, 7-3-56, Cl. 154-16.
- Thomson, James, to Mavor & Culson Ltd. Endless belt conveyors. 2,760,623, 8-28-56, Cl. 198-208.
- Thomson, John W., Jr.: See—  
Griswold, Hugh R., and Thomson. 2,764,274.
- Thomson, Millard R.: See—  
Farmer, James W., and Thomson. 2,742,860.
- Thomson, Robert, to Ainsworth Mfg. Corp. Vehicle windshield mounting. 2,739,011, 3-20-56, Cl. 296-84.
- Thomson, Robert F.: See—  
Hanink, Dean K., and Thomson. 2,757,269.
- Thomson, Robert F., to General Motors Corp. Powdered metal bearing. 2,763,519, 9-18-56, Cl. 308-240.
- Thomson Welder Co.: See—  
Moore, Charles D., and Stieglitz. 2,770,709.
- Thomstad, Magne V., and A. Wilg. Shade assembly for light sources of tubular shape. 2,741,694, 4-10-56, Cl. 240-51.11.
- Thönnessen, Karl, to the firm Dr. F. Raschig, G. m. b. H. Production of pure hexachlorocyclohexane. 2,743,282, 4-24-56, Cl. 260-340.6.
- Thor Corp.: See—  
Hellyer, John T. 2,748,496.
- Thor Power Tool Co.: See—  
Kaman, Frank A. 2,744,176.  
Kaman, Frank A. 2,753,965.  
Mitchell, Walter G. 2,753,072.  
Perham, James A. 2,732,797.
- Thorburn, Morton R., to American Optical Co. Binocular instruments. 2,757,574, 8-7-56, Cl. 88-39.
- Thorburn, Robert C.: See—  
Dietz, Frederick C., and Thorburn. 2,760,598.
- Thoresen, Einar, to Rockwell Mfg. Co. Meter adjustment. 2,764,901, 10-2-56, Cl. 74-679.
- Thoresen, Einar, to Rockwell Mfg. Co. Register coordinated control mechanism for closing a meter valve. 2,769,571, 11-6-56, Cl. 222-20.
- Thorington, Luke, to Westinghouse Electric Corp. Color-corrected light source and phosphors therefor. 2,748,303, 5-29-56, Cl. 313-25.
- Thorington, Luke, to Westinghouse Electric Corp. Combination light source. 2,759,119, 8-14-56, Cl. 313-109.
- Thorley, Cecil H. Automotive body repair tool. 2,734,549, 2-14-56, Cl. 153-35.
- Thorn Electrical Industries Ltd.: See—  
Passmore, Charles R. 2,774,917.  
Ranby, Peter W. 2,758,094.  
Ranby, Peter W. 2,772,241.
- Thorn, John P.: See—  
Arundale, Erving, Guyer, and Thorn. 2,758,062.  
Arundale, Erving, and Thorn. 2,751,595.  
Guyer, Walter K. F., Wilschinsky, and Thorn. 2,739,946.  
Vanderbilt, Byron M., and Thorn. 2,773,805.
- Thorn, John P., W. R. F. Guyer, and E. Arundale, to Esso Research and Engineering Co. Precipitated hydroforming catalyst. 2,739,945, 8-27-56, Cl. 252-46.
- Thorn, Martha I. Candle holder. 2,747,393, 5-29-56, Cl. 67-23.
- Thornberg, Joseph E., and J. A. Sonia, to Hooker Electrochemical Co. Corrosion inhibited trichloroacetates. 2,740,813, 4-2-56, Cl. 260-539.
- Thornberry, John H.: See—  
Matthews, Russell B., and Thornberry. 2,774,016.
- Thornburg, Earl W. Emergency fuel reservoir and gauge. 2,771,944, 11-27-56, Cl. 158-36.4.
- Thornburg, Earl A.: See—  
De Caussemaker, Paul, Thornburg, and Boffardi. 2,767,433.
- Thorne, Henry C., Jr., and D. A. McCaulay, to Standard Oil Co. Production of 3,5-ethyl xylene, meta-xylene and benzene-C<sub>8</sub> aromatics with HF-BF<sub>3</sub>. 2,773,916, 12-11-56, Cl. 260-668.
- Thornell, Ralph A., 1/2 to R. O. Chambers. Vehicle door lock repair device. 2,745,690, 5-15-56, Cl. 292-1.
- Thornier, Robert H. Engine governor. 2,736,304, 2-28-56, Cl. 123-103.
- Thornier, Robert H. Governor device. 2,737,165, 3-8-56, Cl. 123-103.
- Thornes, Leslie S., to The British Petroleum Co. Ltd. Production of a base of a urea suspension in oil. 2,731,457, 1-17-56, Cl. 260-96.5.
- Thornhill-Craver Co., Inc.: See—  
Loeffler, John E. 2,753,197.  
Loeffler, John E., and Nordin. 2,767,138.
- Thornhill, John E., to Levitation Ltd. Buffers for railway, tramway and like vehicles. 2,737,301, 3-6-56, Cl. 213-43.
- Thornley, Joseph H. Building foundation. 2,741,910, 4-17-56, Cl. 72-77.
- Thornros, Eric O. Gate valve. 2,750,145, 6-12-56, Cl. 251-197.
- Thornsbury, Harry, to The F. A. Neider Co. Rubber cushioned glide. 2,738,541, 3-20-56, Cl. 16-42.
- Thornson, Involger T., to The Airetool Mfg. Co. Inside tube cutter, particularly for heat exchangers and the like having tubular diameters. 2,764,812, 10-2-56, Cl. 30-106.
- Thornton, Garo E., E. A. Verrinder, G. E. Stilwell, E. J. McGrath, and J. R. Richards, to Food Machinery and Chemical Corp. Conveyor for high speed lidded. 2,759,590, 8-21-56, Cl. 198-34.
- Thornton, Gertrude N., executrix: See—  
Nicholson, Alexander M. 2,742,578.
- Thornton, Kathleen E., to American Instrument Co., Inc. Humidity sensing unit of the bifilar type. 2,737,562.
- Thornton, Matthew H. Fish steaking device. Re. 2,741,914, 8-14-56, Cl. 17-8.
- Thornton, Maude M. Sanitary napkin. 2,764,158, 9-25-56, Cl. 128-289.
- Thornton, Maude M., to The Goodyear Tire & Rubber Co. Rubber hydrochloride film containing a dialkyl ether. 2,744,077, 5-1-56, Cl. 260-3.5.
- Thornton, Raymond: See—  
Clarke, William, Kents, Thornton, and Wood. 2,768,171.  
Thorp, Arthur G., II, to Thomas A. Edison, Inc. Sheet record machine. 2,765,210, 10-2-56, Cl. 346-74.
- Thorp, Arthur G., II, to Westinghouse Electric Corp. Diaphragm apparatus. 2,771,622, 11-27-56, Cl. 253-78.
- Thorp, Charles J.: See—  
Desmond, Eric, and Thorp. 2,746,468.
- Thorp, John W., and R. H. Swaisgood, and J. H. Ryder, to Fletcher Aviation Corp. Exhaust jet cooling pump for internal combustion engine. 2,737,164, 3-6-56, Cl. 123-41.4.
- Thorp, William E. Liquid fuel burners. 2,730,168, 1-10-56, Cl. 158-88.
- Thorp, Charles L.: See—  
Anderson, James A., Jr., Shepherd, and Thorpe. 2,768,936.
- Thorp, Roy E., R. J. Moore, and C. L. Mahoney, to Shell Development Co. Improving lubricating oils by adsorption. 2,756,197, 7-24-56, Cl. 196-147.
- Thorp, William L. Lineman's combination tool. 2,739,832, 3-27-56, Cl. 294-19.



- Thorsberg, John W.: *See*—  
Werkema, Thomas E., Thorsberg, and De Long.  
2,760,947.
- Thorsen, Walter J., to the United States of America as represented by the Secretary of Agriculture. Apparatus for determining textile characteristics. 2,752,781, 7-3-56, Cl. 73-159.
- Thorson, Alvin E. Cattle restraining device. 2,753,842, 7-10-56, Cl. 119-103.
- Thorson, Alvin E. Sickle grinder. 2,760,311, 8-28-56, Cl. 51-36.
- Thorson, George A. Mail scale. 2,753,174, 7-3-56, Cl. 205-49.
- Thorsson, Matthew T.: *See*—  
Laufer, Louis J., and Thorsson. 2,766,981.
- Thorswaldson, Bjorn, deceased; A. C. Shafer, Jr., administrator of said Bjorn Thorswaldson, to C. E. Miller, and L. Hannula. Adjustable wheeled support for a range. 2,763,491, 9-18-56, Cl. 280-35.
- Thowman, Thorwald G. G. Machine for applying protective coating to the marginal portions of grammophone discs. 2,771,855, 11-27-56, Cl. 118-232.
- Threadgold, Philip, to The British Petroleum Co. Ltd. Telemetering. 2,749,534, 6-5-56, Cl. 340-177.
- Threadgold, Ronald: *See*—  
Murray, Florence J., Davison, Threadgold, and Allum. 2,761,012.
- Threadgold, Ronald, to Automatic Telephone & Electric Co. Ltd. Registering and translating circuits for use in telecommunication systems. 2,751,435, 6-19-56, Cl. 179-18.
- Threston, Clay L. Case type hook for suit hangers. 2,769,587, 12-6-56, Cl. 224-15.
- Threewit, Donald M.: *See*—  
Nagy, Michael J., and Threewit. 2,744,396.
- Threlfall, Mary J. and R. M. Hawanczak, and S. J. Sveda. Collapsible stand. 2,733,881, 2-7-56, Cl. 248-27.8.
- Threlfall, Robert: *See*—  
Threlfall, Mary J. and R. M. Hawanczak, and Sveda. 2,733,881.
- Thresher, Griffith N., and M. G. Simon, to The Dow Chemical Co. Connecting rod. 2,756,613, 7-31-56, Cl. 74-579.
- Thrift, Griffin C.: *See*—  
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- Huggins, Clifford A., and Thrift. 2,772,080.
- Thriessell Engineering Co., Ltd., The: *See*—  
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- Rowlands, Tom. 2,737,288.
- Throdahl, Monte C.: *See*—  
Zerbe, Richard O., and Throdahl. 2,747,005.
- Throop, Charles C., and O. V. Wince, to Koppers Co., Inc. Bulk density control of coking coal. 2,765,266, 10-2-56, Cl. 202-25.
- Throop, Gilbert D.: *See*—  
Webb, Bryan, Jr., and Throop. 2,752,556.
- Throw, Francis E., to Collins Radio Co. Constant temperature device. 2,762,895, 9-11-56, Cl. 219-19.
- Thrower, Ben B. Exhaust filter. 2,738,854, 3-20-56, Cl. 183-4.3.
- Thuiller, Jean E.: *See*—  
Hazard, René, Cheymol, Chabrier, and Thuillier. 2,762,744.
- Thull, John F., to Brown & Bigelow. Cardboard tube former and wrapper. 2,737,862, 3-13-56, Cl. 93-40.1.
- Thumin, Carl. Time delay circuit breaker. Re. 24,149, 5-5-56, Cl. 200-108.
- Thumin, Carl, to I-T-E Circuit Breaker Co. D. C. voltage relay. 2,761,093, 8-28-56, Cl. 317-157.
- Thumin, Carl, to I-T-E Circuit Breaker Co. Time delay circuit breaker. 2,769,057, 10-30-56, Cl. 200-108.
- Thumin, Carl, to E. P. Lawson Co., Inc. Cutting knife-stack support. 2,771,948, 11-27-56, Cl. 164-51.
- Thümmel, Erich. Carburetor. 2,754,095, 7-10-56, Cl. 261-44.
- Thunæs, Arvid, E. A. Brown, H. W. Smith, and J. Brannen, to Eldorado Mining and Refining Ltd. Uranium separation process. 2,738,253, 3-13-56, Cl. 23-14.5.
- Thurber, Adolph E., Jr. Supports for disposable refuse containers and combinations thereof. 2,731,184, 1-17-56, Cl. 226-59.
- Thurber Corp., The: *See*—  
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- Thurber, Edward J., to The Thurber Corp. Torque converter. 2,771,972, 11-27-56, Cl. 192-3.2.
- Thurber, Roy. Door and gate latch. 2,742,311, 4-17-56, Cl. 292-202.
- Thürhines, Hermann. Apparatus for boiling a sugar mass. 2,732,003, 1-24-56, Cl. 139-44.
- Thürhines, Hermann, to Hansella Werk Albert Henkel A. G. Machine for rolling a sugar batch. 2,737,909, 3-13-56, Cl. 107-10.
- Thurman, Amos L. Bottle case filling machine. 2,735,599, 2-21-56, Cl. 226-14.
- Thurman, Benjamin H.: *See*—  
Chasnoff, Martin G., Kunin, Mattikow, and Thurman. 2,771,480.
- Thurman, Benjamin H., to Kraft Foods Co. Process for deodorization of glyceride oils. 2,759,883, 8-21-56, Cl. 202-46.
- Thurman, Benjamin H., to B. Clayton D. b. a. Refining, Incorporated. Refining of glyceride oils. 2,759,957, 8-21-56, Cl. 260-425.
- Thurman, Robert B. Bait holder fishing device. 2,755,593, 7-24-56, Cl. 43-44.2.
- Thurman, Truman D. Envelope. 2,750,102, 6-12-56, Cl. 229-85.
- Thurmann, August W. M., to Addressograph-Multigraph G. m. b. H. Platen actuating mechanism for rotary printing machines. 2,753,791, 7-16-56, Cl. 101-91.
- Thurmon, Francis M., to Rohm & Haas Co. Therapeutic mixture of carboxylic cation exchange resin and its copper salt. 2,764,518, 9-25-56, Cl. 167-58.
- Thurmond, Effie M.: *See*—  
Barnes, Elmer Z. 2,741,375.
- Thurmond, Jimmie V.: *See*—  
Backes, Elmer Z. 2,741,375.
- Thurston, Arthur L., to Reverse Corp of America. Weighing device. 2,733,911, 2-7-56, Cl. 265-27.
- Thurston, Ernest B., to Houghton Elevator Co. Delay for directional preference control for parked elevator cars. 2,746,566, 12-22-56, Cl. 187-29.
- Thurston, Ernest B., to Houghton Elevator Co. Up by-pass during down peak traffic condition. 2,775,312, 12-25-56, Cl. 187-29.
- Thurston, Jack T., to American Cyanamid Co. Sulfosuccinate esters of fatty acid mono- and diglycerides. 2,734,933, 2-14-56, Cl. 117-139.5.
- Thurston, Paul L., to Interwoven Stocking Co. Electrically operated knitting machine. 2,731,817, 1-24-56, Cl. 66-43.
- Thurston, Robert N.: *See*—  
Thurston, Warren P., and Thurston. 2,775,650.
- Thwaites, George A.: *See*—  
Hansen, Ralph C., Powers, and Thwaites. 2,738,058.
- Thwaites, Herman L., and N. H. Rickles, to the United States of America as represented by the Secretary of the Navy. Method of fuel combustion control in internal combustion engines. 2,742,885, 4-24-56, Cl. 123-119.
- Thwaites, Leslie B. Machine for picking up cut fodder lying on the ground, chopping it, and delivering it to a trailer. 2,732,674, 1-31-56, Cl. 65-118.
- Thygeson, John R., to Proctor and Schwartz, Inc. Tool for removing strip strips. 2,738,088, 2-28-56, Cl. 29-27.
- Thygeson, John R., to Proctor & Schwartz, Inc. Sealed door construction for dryers and the like. 2,743,488, 5-1-56, Cl. 20-16.
- Thylefors, Henric W., to Aktiebolaget Separator. Centrifugal separator driven through worm gear. 2,757,860, 8-7-56, Cl. 233-23.
- Thys, Edouard. Finger bar assembly for hop picking mechanism. 2,764,163, 9-25-56, Cl. 130-30.
- Thysell, Hans B. Venetian blind. 2,774,419, 12-18-56, Cl. 160-168.
- Thyssensche Gas- und Wasserwerke G. m. b. H.: *See*—  
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- Tibbetts, Raymond F. Method of extinguishing fires. 2,741,317, 4-10-56, Cl. 169-1.
- Tibbitts, Charles B.: *See*—  
Liberatore, Laurence C., Tibbitts, Aldridge, and Fischer. 2,745,925.
- Tibenham, Frederick J.: *See*—  
Madge, Evelyn W., Moberley, and Tibenham. 2,769,789.
- Tiblom, Karl-Erik, to A B Odelberg & Olson. Tool for removing bark from trees. 2,760,307, 8-28-56, Cl. 47-1.
- Tice, Reuben S. Cooler for packaged beverages and method. 2,738,174, 2-28-56, Cl. 62-92.
- Tice, Reuben S. Drinking glass chiller. 2,749,715, 6-12-56, Cl. 62-1.
- Tichy, Bernard W. Anti-colic nursing device. 2,744,529, 5-8-56, Cl. 128-252.
- Ticknor, Lawrence H.: *See*—  
Krause, Richard S., and Ticknor. 2,758,624.
- Ticknor, William C.: *See*—  
Snow, Jack N., Greenwald, and Ticknor. 2,743,759.
- Tidd, Edwin B., to Bell & Gossett Co. Control means for a heating system. 2,774,848, 12-18-56, Cl. 200-140.
- Tidd, Elbert De F.: *See*—  
Cataldo, John B., Tidd, and Cook. 2,757,256.
- Tidd, Victor S.: *See*—  
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- Tideman, Emil S.: *See*—  
Fenton, George D., and Tideman. 2,764,809.
- Tide Water Associated Oil Co.: *See*—  
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- McBride, Joseph J., Jr. 2,742,430.
- Messina, Nicholas V. 2,742,432.
- Tidewater Oil Co.: *See*—  
Beattie, Robert. 2,760,184.
- Bishop, John W. 2,753,037.
- Draemel, Frederick C., Galstaun, and Hall. 2,761,818.
- McBride, Joseph J., Jr. 2,766,208.
- Waugh, Stanley P. 2,773,035.
- Waugh, Stanley P. 2,773,036.
- Tide Water Patent Development Co., Inc.: *See*—  
McDonough, Everett G. 2,736,323.
- Tidwell, Calvin M., to Food Machinery and Chemical Corp. Stable mixture of diethylparanitrophenylthiophosphate and solid extender and method of making same. 2,758,954, 8-14-56, Cl. 169-30.
- Tiede, Ralph L., to Owens-Corning Fiberglas Corp. Glass composition. 2,733,158, 1-31-56, Cl. 106-50.
- Tiede, Ralph L., to Owens-Corning Fiberglas Corp. Lead glass composition. 2,736,714, 2-28-56, Cl. 252-478.
- Tiegel, Ernest G., to Tiegell Mfg. Co. Means for making battery plate units. 2,745,367, 5-15-56, Cl. 113-59.
- Tiegel, Ernest G., to Tiegell Mfg. Co. Means for making battery plate units. 2,756,708, 7-31-56, Cl. 113-59.

- Tiegel Mfg. Co.: See—  
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Tiegel, Ernest G. 2,756,708.
- Tiemann, William L. Radiation shield for laundry drier control. 2,761,067, 9-4-56, Cl. 263-19.
- Tien, Jack M., and Tsu Sheng Ma. Photocopying apparatus. 2,749,821, 6-12-56, Cl. 95-77.5.
- Tieri, Arthur J. Ophthalmic mounting hinge. 2,774,098, 12-18-56, Cl. 16-128.
- Tierman, Melvin, to Sprague Electric Co. Molded resistors. 2,744,858, 5-8-56, Cl. 261-64.
- Tierney, Hubert J., to Minnesota Mining & Mfg. Co. Adhesive tape supply roll. 2,746,696, 5-22-56, Cl. 242-159.
- Tierney, Hubert J., to Permaceel Tape Corp. Hyper-strength pressure-sensitive adhesive strapping tape. 2,750,030, 6-12-56, Cl. 106-59.
- Tierney, Hubert J., to Permaceel Tape Corp. Pressure-sensitive adhesive strapping tape. 2,750,315, 6-12-56, Cl. 154-53.5.
- Tierney, Joseph E.: See—  
Percival, Isid. C., and Tierney. 2,755,123.
- Tierney, Raymond B., to The Texas Co. Synergistic ep additive: a mixture of mercaptobenzothiazole and an arylidene amine. 2,758,974, 8-14-56, Cl. 252-47.5.
- Tierney, Robert J. Identification means particularly for a baggage handle. 2,747,315, 5-29-56, Cl. 40-10.
- Tierney, Samuel, Jr., to Rohr Aircraft Corp. Welding torch. 2,762,427, 9-11-56, Cl. 158-27.4.
- Tierney, William T., Jr., and J. F. Kincaid, to The Texas Co. Air induction system for air swirl internal combustion engines. 2,763,917, 10-30-56, Cl. 123-191.
- Tiersten, David. Sand mixture useful in making masonry mortar. 2,757,096, 7-31-56, Cl. 106-90.
- Tiesler, Gerd: See—  
Hagenhaus, Kurt, and Tiesler. 2,747,033.  
Fangerhies, Hans, Hagenhaus, J. Bacher, and Tiesler. 2,739,185.
- Tietig, Chester: See—  
Weichold, Jack W. 2,765,464.
- Tiffany, Carter. Detector for temperature change rate. 2,767,554, 5-25-56, Cl. 200-137.
- Tiffany, Carter. Combustible vapor detector. 2,745,721, 5-15-56, Cl. 23-255.
- Tiger, Emil, to Sound, Inc. Tape recording device. 2,768,244, 10-23-56, Cl. 179-100.2.
- Tigerman, Louis, and G. V. Clough, to Robert A. Johnston Co. Method of forming packages. 2,747,346, 5-29-56, Cl. 53-28.
- Tigrett Industries, Inc.: See—  
Tigrett, John B., and Greenlee. 2,759,245.
- Tigrett, John B. Toy repeating piston. 2,759,294, 8-21-56, Cl. 46-1.
- Tigrett, John B., and W. B. Greenlee, to Tigrett Industries, Inc. Process for making power units for amusement devices and the like. 2,759,245, 8-21-56, Cl. 29-156.4.
- Tilbrook, Kenneth B.: See—  
Stephens, Joseph F., Higgins, Tilbrook, and Kerr. 2,742,240.
- Stephens, Joseph F., and Tilbrook. 2,768,026.
- Tilden, Sydney G., to The Permafuse Corp. Coater device for applying an adhesive agent in viscous fluid form to segments of brake lining friction material. 2,754,798, 7-17-56, Cl. 118-252.
- Tilenius, Erich P.: See—  
Melcher, Robert J. 2,755,331.
- Tilenius, Erich P.: See—  
Melcher, Robert J. 2,762,025.
- Tillander, Polke G., and I. Åslund, to Aktiebolaget Bofors. Gun barrel. 2,775,164, 12-25-56, Cl. 89-16.
- Tiller, Hans, to Cycloptic Anstalt für Optik und Mechanik. Photographic objective. 2,737,849, 3-13-56, Cl. 85-57.
- Tiller, Hans, to Cycloptic Anstalt für Optik und Mechanik. Photographic objective comprising front and rear lens systems axially spaced at a fixed distance. 2,764,912, 10-2-56, Cl. 8-57.
- Tillie, Earl W. Piston reconditioning devices. 2,743,630, 5-1-56, Cl. 80-51.
- Tillison, James R. Fluid heating unit. 2,730,607, 1-10-56, Cl. 219-38.
- Tillman, Harry L., to Whirlpool-Seeger Corp. Refrigerator defrost termination control system. 2,773,354, 12-11-56, Cl. 62-2.
- Tillman, John E. Watering trough. 2,742,920, 4-24-56, Cl. 137-408.
- Tillotson, La Clede, 1/4 to L. H. Struck, 1/4 to C. C. Andrews, and 1/4 to F. W. Andrews. Grain thresher. 2,745,409, 5-15-56, Cl. 130-27.
- Tillotson Mfg. Co., The: See—  
Phillips, Bernard C. 2,733,902.
- Tillou, Richard G., to W. H. Miner, Inc. Shock absorbing mechanism for railway cars. 2,775,353, 12-23-56, Cl. 213-34.
- Tilly, James O. Sealing insert for containers. 2,747,788, 5-29-56, Cl. 229-45.
- Tillyer, Edgar D.: See—  
Hudson, Richard D., Jr., and Tillyer. 2,756,928.
- Tilt-A-Door Corp.: See—  
Smith, Wesley A. 2,769,513.  
Smith, Wesley A. 2,770,005.
- Tilton, Russell G., to Multiscopie, Inc. Moving stairway hand rails. 2,766,868, 10-16-56, Cl. 198-116.
- Tilton, William J.: See—  
Peters, Harry, and Tilton. 2,729,148.
- Timber Engineering Co.: See—  
Farber, Edward. 2,735,756.
- Timbie, Theodore R., to General Electric Co. Ice detector. 2,739,302, 3-20-56, Cl. 340-234.
- Timbs, Mordecai N.: See—  
Cooke, Giles B., and Timbs. 2,752,280.  
Cooke, Giles B., and Timbs. 2,770,841.
- Time, Inc.: See—  
Faerber, Harry W. 2,736,947.  
Faerber, Harry W. 2,736,968.  
Faerber, Harry W. 2,745,186.  
Faerber, Harry W. 2,751,843.  
Faerber, Harry W. 2,756,710.  
Faerber, Harry W. 2,756,803.  
Faerber, Harry W. 2,767,654.  
Hall, Vincent C. 2,763,919.  
Peery, Walter E. 2,769,379.  
Peery, Walter E. 2,769,922.
- Time-O-Matic Co.: See—  
Lace, Donald A. 2,774,893.
- Times Facsimile Corp.: See—  
Hill, William H. 2,741,530.  
McConnell, Kenneth R. 2,730,567.
- Timken, Harold A., Jr., and F. C. Lanco, to Vitro Corp. of America. Programming device. 2,751,448, 6-19-56, Cl. 200-41.
- Timken Roller Bearing Co., The: See—  
Holsing, Robert H. 2,734,725.  
Morgan, Ralph E. 2,763,915.  
Stevens, Samuel N. 2,733,197.
- Timms, Harold A., to Dominion Magnesium Ltd. Method of making briquettes for the production of magnesium. 2,741,552, 4-10-56, Cl. 75-3.
- Timms, Werner F., to Maremont Automotive Products, Inc. Clutch plates. 2,742,992, 4-24-56, Cl. 192-107.
- Timmons, James R., and J. R. Sebastian, to The Rapids-Standard Co., Inc. Portable article diverter for gravity conveyors. 2,759,585, 8-21-56, Cl. 193-36.
- Timmons, Melvin L., and E. O. Nelson. Combination impact and rotating tool and socket holder. 2,733,623, 2-7-56, Cl. 81-60.
- Timmons Metal Products Co.: See—  
Jagsch, Carl F. 2,771,318.
- Timmons, William D. Dust pan or crumb tray. 2,763,143, 9-18-56, Cl. 65-20.
- Timms, Ross L., and A. T. Sigo; said Sigo assor. to Serv-Kraft, Inc. Latch mechanism. 2,754,144, 7-10-56, Cl. 292-201.
- Timmer, Henry. Edge finders. 2,731,726, 1-24-56, Cl. 183-92.
- Timppner, Henry. Work set-up device. 2,734,403, 2-14-56, Cl. 77-62.
- Tindale, John, to Elliott Bros. (London) Ltd. Production of the various sizes of leveling scales. 2,750,504, 8-14-56, Cl. 88-24.
- Tindall, John B., to Commercial Solvents Corp. Process for the preparation of tetrahydrofurfurylamine. 2,739,159, 3-20-56, Cl. 260-347.7.
- Tingley, Nelson E. Wringer mop. 2,762,070, 9-11-56, Cl. 15-119.
- Tinius Olsen Testing Machine Co.: See—  
Reese, William J. 2,729,129.  
Strimel, Robert S. 2,729,973.  
Strimel, Robert S. 2,767,476.  
Strimel, Robert S. 2,768,447.
- Tinker, Earl E.: See—  
Mueller, Frank H., and Tinker. 2,731,207.  
Mueller, Frank H., and Tinker. 2,735,444.  
Mueller, Frank H., and Tinker. 2,756,936.
- Tinker, John P.: See—  
Reynolds, George A., and Tinker. 2,743,279.
- Tinker, Townsend, to American Radiator & Standard Sanitary Corp. Moisture separator. 2,753,954, 7-10-56, Cl. 15-119.
- Tinker, Townsend, to American Radiator & Standard Sanitary Corp. Cupola gas conditioning apparatus and process. 2,761,671, 9-4-56, Cl. 266-17.
- Tinker, Townsend, to American Radiator & Standard Sanitary Corp. Gas off-take apparatus for cupolas. 2,771,290, 11-20-56, Cl. 266-31.
- Tinker, Wayne E., to Pratt & Whitney Co., Inc. Air gate head. 2,746,287, 5-22-56, Cl. 73-37.9.
- Tinkess, George E., and R. B. Kelman, to Cockshutt Farm Equipment Ltd. Power actuated mechanism for use on agricultural implements and the like. 2,768,567, 10-30-56, Cl. 97-46.
- Tinklenberg, Meryl W., to Buckbee-Mears Co. Method of forming matrices for the electrodeposition of grids. 2,765,230, 10-2-56, Cl. 95-5.6.
- Tinnerman Products, Inc.: See—  
Balint, John, and Garman. 2,745,689.  
Chvosta, Jerry F. 2,733,941.  
Chvosta, Jerry F. 2,741,111.  
Flora, Laurence H. 2,737,269.  
Flora, Laurence H. 2,740,179.  
Flora, Laurence H. 2,740,505.  
Flora, Laurence H. 2,745,806.  
Flora, Laurence H. 2,751,652.  
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Garman, Donald F. 2,752,805.  
Seitz, William L. 2,781,229.  
Strange, John. 2,733,083.
- Tinsley (Industrial Instruments) Ltd.: See—  
Kershaw, Peter L. 2,750,837.



- Tinsley, William B. Cable flag. 2,753,832, 7-10-56, Cl. 116-114.
- Tinsley, William B. Cable flag. 2,753,833, 7-10-56, Cl. 116-114.
- Tint, Howard, to American Home Products Corp. Recovering diphtheria and tetanus toxoids. 2,772,201, 11-27-56, Cl. 167-78.
- Tipper, Maynard J. G. Machine for fastening sausage casings. 2,729,263, 1-3-56, Cl. 153-1.
- Tipper, Maynard J. G., to A. O. Steckman. Fastening of pleated casings. 2,742,944, 4-24-56, Cl. 153-1.
- Tipton, James B., to Eagle Rubber Co., Inc. Seamless plastic ball with integrally formed valve housing. 2,760,775, 8-28-56, Cl. 273-58.
- Tip-Top Products Co., Inc. See—
- Taylor, Genevieve L. 2,760,499.
- Tirico, Arthur L., See—
- Ruble, Raymond J., and Tirico. 2,740,900.
- Tirico, Arthur L., to The Texas Co. Radiation detector. 2,735,953, 2-21-56, Cl. 313-93.
- Tirico, Arthur L., to Radio Corp. of America. Color television pickup tubes. 2,755,401, 7-17-56, Cl. 313-65.
- Tirico, Arthur L., to The Texas Co. Scintillometers. 2,768,307, 10-23-56, Cl. 250-71.
- Tirico, Arthur L., and R. J. Ruble, to Texaco Development Corp. Detector for indicating spectral distribution of penetrative radiation. 2,741,709, 4-10-56, Cl. 250-83.6.
- Tirup, Corp., See—
- Castner, Frank G. 2,749,401.
- Tiritilli, Irmo E. Machines for printing upon cylindrical objects. 2,761,380, 9-4-56, Cl. 101-40.
- Trone, Felix. Tool for clamping voltage regulators and the like during adjusting and setting operations thereon. 2,773,309, 12-11-56, Cl. 29-286.
- Tschibirek, Guenther. See—
- Blaser, Bruno, Rugenstein, and Tschibirek. 2,764,576.
- Tschibirek, Guenther. See—
- Blaser, Bruno, and Tschibirek. 2,771,484.
- Tisch, Ernst M. Liquid filter. 2,769,548, 11-6-56, Cl. 210-164.
- Tischer, Ernst M. Liquid filters. 2,770,368, 11-13-56, Cl. 210-164.
- Tiscione, Anthony. Electric switch lamp socket. 2,729,711, 1-3-56, Cl. 200-51.14.
- Tishler, Max. See—
- Sietzinger, Meyer, and Tishler. 2,740,784.
- Wilson, Evelyn H., and Tishler. 2,773,075.
- Tishler, Max, to Merck & Co., Inc. Chemical compounds. 2,736,681, 2-28-56, Cl. 167-65.
- Tishler, Richard. Surveying instrument. 2,766,530, 10-16-56, Cl. 280-430.
- Tislow, Richard F., See—
- Bruce, William F., and Tislow. 2,746,901.
- Tislow, Richard F., R. D. Huber, and J. Diamond, to American Home Products Corp. Azacycloheptane compounds and method for preparing them. 2,763,643, 9-18-56, Cl. 280-430.
- Tison, René A. Rotary printing apparatus. 2,758,541, 8-14-56, Cl. 101-228.
- Tissol, Carolyn E., and L. D. Goodhue, to Phillips Petroleum Co. Pyridine by-product insect repellent and process of application. 2,746,595, 5-22-56, Cl. 167-33.
- Tissot, Germain, and P. G. R. Ott, to Societe de Constructions Mecaniques de Stains. Method and apparatus for the manufacture of blended yarns. 2,746,091, 5-22-56, Cl. 19-0.41.
- Tissot, Thomas P., Jr., to Radio Corp. of America. Voltage regulator circuit. 2,753,377, 7-17-56, Cl. 250-27.
- Titan Abrasives Co., See—
- Zalud, Charles A. 2,734,813.
- Titan Chain Saws, Inc., See—
- Adams, Lloyd M. 2,767,746.
- Titanium Metals Corp. of America. See—
- Guthrie, William D. 2,758,009.
- Herres, Schuyler A., and Kendall. 2,740,709.
- Krieger, Robert J. 2,737,644.
- Lyons, Leland R. 2,753,243.
- Southern, Raymond L. 2,759,034.
- Titchener, E. H., & Co., See—
- Wayne, Edward T. 2,743,435.
- Titeflex, Inc., See—
- Guarnaschelli, Stephen. 2,748,803.
- Guarnaschelli, Stephen. 2,748,804.
- Padgett, Philip M. 2,736,285.
- Padgett, Philip M. 2,772,646.
- Phillips, John J. 2,740,098.
- Thacker, Ralph S. 2,731,610.
- Titone, Georgette, and J. Lefroux. Disposable combined pantie and sanitary napkin. 2,748,772, 6-5-56, Cl. 28-288.
- Tittle, Charles W., See—
- Wyllie, Malcolm R. J., and Tittle. 2,747,100.
- Tittle, Charles W., to Gulf Research & Development Co. Epithermal neutron detector. 2,769,915, 11-6-56, Cl. 210-115.
- Tittle, Charles W., to Gulf Research & Development Co. Coincidence-type slow neutron detector. 2,769,916, 11-6-56, Cl. 250-71.5.
- Tittle, Charles W., to Gulf Research & Development Co. Epithermal neutron logging method using collimation. 2,769,918, 11-6-56, Cl. 250-83.3.
- Tittle, Leslie, and W. F. Van Loenen, to Kaiser Aluminum & Chemical Corp. Methods for making shaped articles. 2,729,855, 1-10-56, Cl. 18-55.
- Titus, Olcott W., to Canada Wire and Cable Co. Ltd. Variable capacity reservoir. 2,755,819, 7-24-56, Cl. 138-26.
- Titus, Richard K., See—
- Schindler, Frank S., and Titus. 2,739,828.
- Titus, Thomas L. Coffee brewer. 2,768,573, 10-30-56, Cl. 99-308.
- Titzenhaller, Eckart. See—
- Reppel, Walter, V. Kutepow, and Titzenhaller. 2,734,913.
- Tivoli, Alberto. Carburettor equipment. 2,755,075, 7-17-56, Cl. 261-16.
- Tizzard, Thomas W., to Westinghouse Air Brake Co. Directional relay circuits for coded railway signaling systems. 2,743,264, 5-29-56, Cl. 246-33.
- Tizzard, Thomas W., to Westinghouse Air Brake Co. Single track railway signal systems using normally denergized coded track circuits. 2,751,491, 6-19-56, Cl. 246-33.
- Tizzard, Thomas W., Jr., and L. A. Sebeczak, to General Railway Signal Co. Four indication block signalling systems for railroads. 2,739,230, 3-20-56, Cl. 246-3.
- Tjader, Hugo. Clamps for holding electric connectors together. 2,753,536, 7-3-56, Cl. 339-75.
- Tjernstrom, Stig H., See—
- Brundell, Gunnar, and Tjernstrom. 2,733,140.
- Toastswell Co., Inc., The. See—
- McCullough, Paul J. 2,734,448.
- McCullough, Paul J. 2,739,523.
- Pavelka, Joseph, Jr. 2,731,539.
- Tobacco Machine Supply Co., Inc., See—
- Long, Benjamin H. 2,734,511.
- Long, Benjamin H. 2,734,512.
- Tobey, Alton E. Wheel supporting apparatus. 2,759,508, 8-21-56, Cl. 144-288.
- Tobey, Leon H., to Bloomer Bros. Co. Carton opening machine. 2,759,508, 8-21-56, Cl. 93-53.
- Tobey Maltz Foundation, Inc., See—
- Lang, Paul W. 2,741,870.
- Tobias, Herrmann B. Collapsible stands for cameras and the like. 2,750,141, 6-12-56, Cl. 248-161.
- Tobias, Lawrence S., to International Paper Co. Composite paper. 2,729,055, 3-5-56, Cl. 57-154.
- Tobias, Milton. Liquid level warning device. 2,756,410, 7-24-56, Cl. 340-181.
- Tobin-Arp Mfg. Co., See—
- Arp, Ewald A. 2,769,287.
- Larson, Arnold W. G., and Flaten. 2,744,361.
- Tobin, Edgar G., deceased. M. B. Tobin, independent executrix of E. G. Tobin. Apparatus for moving pipe. 2,742,319, 4-17-56, Cl. 299-47.
- Tobin, Margaret B., executrix. See—
- Tobin, Edgar G. 2,742,319.
- Tobin, Margaret B., V. L. Cheney, to Package Enterprises, Inc. Material advancing and slicing machine. 2,752,968, 7-3-56, Cl. 146-94.
- Tocci-Guilbert, Berne, to B. Tocci-Guilbert, and H. G. Hardy. Back pad coupling. 2,767,527, 10-23-56, Cl. 51-167.
- Tocci-Guilbert, Berne, to B. Tocci-Guilbert, and H. G. Hardy. Back pad support. 2,767,528, 10-23-56, Cl. 51-167.
- Todd, Charles W., See—
- Acker, Donald S., and Todd. 2,752,374.
- Latham, George H., Todd, and Wayne. 2,752,249.
- Todd, Clara G., See—
- Todd, Clyde A. 2,761,948.
- Todd, Clyde A., deceased. C. G. Todd, executrix. Paint baking apparatus. 2,761,948, 9-4-56, Cl. 219-35.
- Todd Co., Inc., The. See—
- Neidich, George G., Low, and Martin. 2,766,717.
- Todd, Earl E., Jr., See—
- Charf, James P., Himes, and Todd. 2,745,222.
- Todd, Eugene M. Automatic drafting scale. 2,749,619, 6-12-56, Cl. 33-141.5.
- Todd, Everett W., to Massey-Harris-Ferguson, Inc. Disk harrow bearing assembly. 2,733,648, 2-7-56, Cl. 97-220.
- Todd, Everett W., to Massey-Harris-Ferguson, Inc. Hitch link. 2,734,438, 12-14-56, Cl. 97-47.14.
- Todd, Everett W., to Massey-Harris-Ferguson, Inc. Lift shaft for tractors. 2,735,347, 2-21-56, Cl. 97-46.43.
- Todd, Francis C., See—
- Lusk, Elmer C., Drennan, and Todd. 2,758,253.
- Todd, Francis C., and E. N. Wiley, to The Battelle Development Corp. Thermionic emitter materials. 2,744,073, 5-1-56, Cl. 252-521.
- Todd, Francis C., and E. C. Lusk, to the United States of America as represented by the Secretary of the Army. Voltage regulator tube. 2,747,125, 5-22-56, Cl. 313-214.
- Todd, George H., and H. C. Barnes, to Armaco Steel Corp. Slag car for open hearth furnaces. 2,772,960, 12-4-56, Cl. 75-43.
- Todd, Guerin, and P. A. Hauck, to Hanson-Van Winkle-Mun-ning Co. Processing machinery for electroplating and the like. 2,738,858, 3-20-56, Cl. 214-59.
- Todd, Harold E., See—
- Falge, Robert N., Onksen, Todd, and Miller. 2,762,932.
- Foland, Francis K., Onksen, and Todd. 2,747,139.
- Gage, James F., Miller, and Todd. 2,741,737.
- Miller, Charles W., and Todd. 2,771,569.
- Miller, Charles W., Todd, and Onksen. 2,767,347.
- Todd, Henry, to United States Steel Corp. Rotating spectrographic electrode holder. 2,758,238, 8-7-56, Cl. 313-149.
- Todd, Hobart H., and P. C. Whitney, to R. P. Whitney. Abrasion resistant liner. 2,746,637, 5-22-56, Cl. 220-63.
- Todd, Russell T., to The McKay Machine Co. Roller leveller. 2,733,750, 2-7-56, Cl. 153-104.
- Todd Shipyard Corp., See—
- Schonfeld, Walter M. 2,734,656.

- Todd, Stanley M.: *See*—  
 Jones, Evan I., and Todd. 2,733,978.  
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 Jones, Evan I., Todd, and Wood. 2,734,040.
- Todd, William: *See*—  
 Emurian, Albert D., and Todd. 2,730,623.
- Todt, Fred G., Jr.: *See*—  
 Todt, Fred G., Sr., Streckenbein, and Todt. 2,738,790.
- Todt, Fred G., Sr., W. Streckenbein, and F. G. Todt, Jr., to The George F. Pilling & Son Co. Suture instrument. 2,738,790, 3-20-56, Cl. 128-334.
- Toenniesse, Ernst. Drawing mechanism. 2,749,575, 6-12-56, Cl. 19-134.
- Toensmeier, Patrick A., to The New Haven Board & Carton Co. Can carrier. 2,737,326, 3-6-56, Cl. 224-45.
- Toepel, Florian C. Two zone garbage incinerator. 2,754,779, 7-17-56, Cl. 110-8.
- Toepel, Tim: *See*—  
 Krzikalla, Hans, Toepel, and Eistert. 2,729,630.
- Toews, Gustav P., to G. B. Fowler, as trustee. Means and method for operating an internal combustion engine. 2,760,479, 8-28-56, Cl. 123-191.
- Tofani, Arthur M., Jr. Soundproof building construction. 2,746,097, 5-22-56, Cl. 20-2.
- Toffemire, Benjamin F. Pneumatic cutting tool. 2,740,406, 4-3-56, Cl. 128-310.
- Toft, Andrew M., to National Can Corp. Container and closure therefor. 2,773,620, 12-11-56, Cl. 220-24.5.
- Tögel, Rudolf E. Photo-oxidation of ergosterol. 2,732,337, 1-24-56, Cl. 204-158.
- Tognella, Ugo R.: *See*—  
 Coggeshall, Thelwell R., and Tognella. 2,769,874.
- Tognola, Tullio, to Bendix Aviation Corp. Sparking device. 2,747,123, 5-22-56, Cl. 333-131.
- Tognola, Tullio, to Bendix Aviation Corp. Method for making electrical condenser. 2,753,616, 7-10-56, Cl. 29-25.42.
- Toldey Co., Gertrude A. Muller, Inc., The: *See*—  
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- Toll, Charles C. Fishing line connector. 2,754,615, 7-17-56, Cl. 43-44.83.
- Toivonen, Lauri. Massaging device. 2,767,707, 10-23-56, Cl. 128-57.
- Tokheim Corp.: *See*—  
 Hoover, Charles B. 2,751,850.  
 Hudson, William L., and Tokheim. 2,774,380.  
 Jackson, Ernest E., and Scheurer. 2,732,100.  
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 Wright, George W., Jauch, Clymer, Jackson, and Scheurer. 2,732,103.
- Tokyo Kogyo Kasei Kabushiki Kaisha: *See*—  
 Matsubara, Toru, and Terayama. 2,746,409.
- Tokyo Shibaura Electric Co., Ltd.: *See*—  
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- Tol, Taeke: *See*—  
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 Teves, Marien C., and Tol. 2,757,293.  
 Teves, Marien C., and Tol. 2,760,882.
- Tolan Machinery Co., Inc.: *See*—  
 Landgraber, Fred A., Sr., and Tolpa. 2,750,871.
- Toland, Wayne G., and J. L. Bauman, to International Harvester Co. Tractor cultivator. 2,756,657, 7-31-56, Cl. 97-47.34.
- Toland, William G., Jr.: *See*—  
 Levine, Irving E., and Toland. 2,772,305.
- Toland, William G., Jr., to California Research Corp. Production of aromatic nitriles. 2,744,925, 5-8-56, Cl. 260-465.
- Toland, William G., Jr., to California Research Corp. Production of phenols. 2,760,391, 8-28-56, Cl. 260-621.
- Toland, William G., Jr., to California Research Corp. Manufacture of monohydroxy aromatic compounds from aromatic carboxylic acids. 2,762,838, 9-11-56, Cl. 260-476.
- Toland, William G., Jr., to California Research Corp. Process for preparing monohydroxy aromatic compounds from aromatic carboxylic acids. 2,766,294, 10-9-56, Cl. 260-619.
- Toland, William G., Jr., and J. A. Fuller, to California Research Corp. Preparation of isophthalonitriles and terephthalonitriles. 2,773,891, 12-11-56, Cl. 260-465.
- Tolbert, William P., to Anthes Force Oiler Co. Signaling device. 2,735,637, 2-21-56, Cl. 248-33.
- Tolcher, John M.,  $\frac{1}{2}$  to F. C. Daiss and  $\frac{1}{2}$  to A. Daiss. Adjustable camera support. 2,753,778, 7-10-56, Cl. 95-86.
- Tolcher, John M. Camera handle. 2,771,014, 11-20-56, Cl. 95-86.
- Tole, Donald K., and S. V. Cronin, to Specto Ltd. Shutters for cinematograph cameras. 2,764,910, 10-2-56, Cl. 88-19.3.
- Toledo Die & Mfg. Co.: *See*—  
 Sprink, Robert H. 2,735,317.
- Toledo Plate and Window Glass Co., The: *See*—  
 Bettley, Howard H. 2,735,238.
- Toledo Scale Co.: *See*—  
 Bradley, Robert O. 2,759,603.  
 Bradley, Robert O., and Carroll. 2,746,384.  
 Bradley, Robert O., Simonds, and Jacobs. 2,772,383.  
 Braum, Herbert D. 2,741,281.  
 Brown, James D. 2,755,836.  
 Clague, James D., and Haas. 2,746,466.  
 Glechrist, Fred W. 2,746,738.  
 Hart, Norman E. 2,731,309.  
 Hart, Norman E. 2,738,184.  
 Hart, Norman E., and Robinson. 2,762,300.  
 Reiser, George C. 2,741,471.  
 Reiser, George C. 2,746,738.  
 Scott, Robert E. 2,746,288.  
 Simonds, Clarence S., and Adler. 2,759,672.  
 Weckerly, Mark A. 2,751,215.  
 Williams, Lawrence S. 2,735,362.  
 Williams, Lawrence S. 2,746,383.  
 Williams, Lawrence S. 2,762,253.  
 Williams, Lawrence S. 2,766,687.
- Tollmit Gages Ltd.: *See*—  
 Wills, Sydney A., and Gathercole. 2,745,188.
- Tolkmit, Henry: *See*—  
 McMaster, Elmer L., and Tolkmit. 2,764,560.
- Tollar, James E.: *See*—  
 Longstretch, Murray O., and Tollar. 2,769,200.
- Tolle, Albert F., to Societe Anonyme des Automobiles Peugeot. Watertight joints for glazing and the like. 2,733,789, 2-7-56, Cl. 189-78.
- Tollersen, Reed: *See*—  
 Talbot, Thomas W. 2,746,219.
- Tolle, William W.: *See*—  
 Eckrote, Kenneth R., and Tolley. 2,750,031.
- Tollison, Paul L., and C. L. Ricards, to Wood Newspaper Machinery Corp. Saw chip collector. 2,743,501, 5-1-56, Cl. 29-21.
- Tolstrup, Duane H. Absorbent bandage. 2,750,944, 6-19-56, Cl. 128-290.
- Tolman, Edgar B., and R. W. Williams, to United Conveyor Corp. Apparatus for discharging pulverulent material. 2,758,815, 5-22-56, Cl. 302-29.
- Tolman, John A., to Andean Corp. Adjustable door jamb. 2,742,117, 4-17-56, Cl. 189-46.
- Tolman, John A., to Andean Corp. Process of making building elements. 2,752,672, 7-3-56, Cl. 29-455.
- Tolman, Leo L.: *See*—  
 Breuer, Frederick W., and Tolman. 2,744,076.
- Tolman, Leo L., to Armstrong Cork Co. Vinyl plastic tile and method of making the same. 2,773,851, 12-11-56, Cl. 280-30.6.
- Tolonen, Eric O., to United States Rubber Co. Reinforcement for molded flaps. 2,773,535, 12-11-56, Cl. 152-365.
- Tolpa, John M.: *See*—  
 Landgraber, Fred A., Sr., and Tolpa. 2,750,871.
- Tom, Theodore B.: *See*—  
 Brehm, Allen E., and Tom. 2,756,184.  
 Brehm, Allen E., and Tom. 2,756,185.  
 Brown, Russell H., Krause, and Tom. 2,768,930.
- Tomanek, Martha: *See*—  
 Neugebauer, Wilhelm, and Tomanek. 2,757,090.  
 Neugebauer, Wilhelm, and Tomanek. 2,759,820.  
 Neugebauer, Wilhelm, Tomanek, and Scherer. 2,768,077.
- Tomanek, Martha, and W. Neugebauer, to Azoplate Corp. Light sensitive material. 2,773,767, 12-11-56, Cl. 96-33.
- Tomás, Angel T., to Patentes Talgo, S. A. Axle steering mechanism for railway vehicles. 2,746,398, 5-22-56, Cl. 105-4.
- Tomás, Angel T., to Patentes Talgo, S. A. Articulated railway trains. 2,746,399, 5-22-56, Cl. 105-4.
- Tomasak, Herbert F., to Pittsburgh Coke & Chemical Co. Device for killing insects. 2,772,511, 12-4-56, Cl. 43-131.
- Tomaska, Albert. Die set center locator. 2,731,729, 1-24-56, Cl. 33-139.
- Tomasovich, Martin. Insecticide distributor. 2,736,987, 3-6-56, Cl. 129.
- Tombs, Nigel C., to Hazeltine Research, Inc. Ceramic dielectric materials and methods of producing the same. 2,768,901, 10-30-56, Cl. 106-39.
- Tomcavage, Edward J., and J. Walsonovich. Coaxial cable temperature signal strength control. 2,775,672, 12-25-56, Cl. 201-48.
- Tomchek, Walter R. Tap wrench. 2,756,060, 7-24-56, Cl. 279-14.
- Tomicki, Daniel J., to Electro-Voice, Inc. Broad band amplifier for television systems. 2,757,244, 7-31-56, Cl. 179-171.
- Tome, John M.: *See*—  
 Reed, Charles E., and Tome. 2,741,630.
- Tomek, Frank J. Hair waving composition capsule. 2,759,484, 8-21-56, Cl. 132-40.
- Tomer, Robert B., to Columbia Broadcasting System, Inc., d. b. a. Hytron Radio & Electronics Co. Color television system. 2,757,228, 7-31-56, Cl. 178-5.4.
- Tomik, George A., and P. Lewycky, to International Harvester Co. Overload release for implement with disconnection of tractor clutch. 2,738,847, 3-20-56, Cl. 180-14.5.
- Tomita, Takashi. Metal siding. 2,739,676, 3-27-56, Cl. 189-86.
- Tomiyasu, Kiyo, to Sperry Rand Corp. Wave guide rotary joint system. 2,737,633, 3-6-56, Cl. 333-98.
- Tomiyasu, Kiyo, to Sperry Rand Corp. Serrated choke system for electromagnetic waveguide. 2,772,402, 11-27-56, Cl. 333-98.



- Tomiyasu, Kiyo, and S. B. Cohn, to Sperry Rand Corp. Variable transfer directional coupler for microwave energy. 2,751,556, 6-19-56, Cl. 333-10.
- Tomkies, Arthur G. Combination rip and crosscut saw. 2,763,298, 9-18-56, Cl. 143-133.
- Tomlin, Robert D. *See—*
- O'Shel, William E., and Tomlin. 2,760,801.
- Tomlin, Robert D., to Magnatex Ltd. Differential fluid pressure motors. 2,752,894, 7-3-56, Cl. 121-97.
- Tomlinson, Libran J. Gas-lift pumping system. 2,762,308, 9-11-56, Cl. 103-52.
- Tommasi, Giovanni B. Ship's hull having forked canal in bottom. 2,729,182, 1-3-56, Cl. 114-57.
- Tommla, Walter F. Saw blade guide pin. 2,760,531, 8-28-56, Cl. 43-160.
- Tomoschat, William, to The Zell Products Corp. Indicia registering mechanism. 2,774,158, 12-18-56, Cl. 40-70.
- Tompkins, Albert H., Jr. *See—*
- Brown, Grover C., and Tompkins. 2,763,419.
- Tompkins, Ernest E., to Tompkins Rubber Co. Plunger plugs for hypodermic cartridges and methods of an apparatus for making the same. 2,730,766, 1-17-56, Cl. 18-42.
- Tompkins, James L. Fishhook guard. 2,762,157, 9-11-56, Cl. 43-57.5.
- Tompkins Rubber Co. *See—*
- Tompkins, Ernest E. 2,730,766.
- Tompkins, James L., to General Electric Co. Stereoscopic microscope for measuring depths. 2,769,370, 11-6-56, Cl. 88-39.
- Tompkins, Will M., and P. L. Ellis, to Monogram Mfg. Co. Sheet metal clamp. 2,775,155, 12-25-56, Cl. 85-6.
- Toms, Bruce E. *See—*
- Seitz, Henry L., and Toms. 2,763,495.
- Toms, Bruce E., to Ford Motor Co. Torsion bar front suspension. 2,763,494, 9-18-56, Cl. 280-124.
- Toms, Ernest and E. M. Process for treating sea urchin tests. 2,744,030, 5-1-56, Cl. 117-3.
- Toms, Ernest J. Drill bit. 2,753,155, 7-3-56, Cl. 255-63.
- Toms, Eva M. *See—*
- Toms, Ernest and E. M. 2,744,030.
- Toney, Edward F., to Pittsburgh Plate Glass Co. Metal sash construction. 2,757,421, 8-7-56, Cl. 20-56.4.
- Toney, Wadsworth, and F. A. Eckols. Vertically adjustable section. 2,733,970, 2-7-56, Cl. 311-39.
- Tong, Lee K. J., to Eastman Kodak Co. Photographic emulsions containing couplers and hydrosols. 2,772,163, 11-27-56, Cl. 96-97.
- Tongen, Peter W. *See—*
- Maxwell, Ira C., Langen, and Tongen. 2,729,370.
- Maxwell, Ira C., Langen, and Tongen. 2,742,206.
- Tongue, Ben H. Attenuation equalizer network. 2,733,413, 1-31-56, Cl. 333-28.
- Tongue, Ben H. Wide-band neutralized radio frequency amplifier. 2,761,023, 8-28-56, Cl. 179-171.
- Tongue, Ben H. Multi-signal electric system. 2,761,135, 8-28-56, Cl. 343-200.
- Tongue, Ben H., and I. S. Blonder. Amplifier system. 2,761,022, 8-28-56, Cl. 179-171.
- Tongue, Thomas O., and L. B. Baral, to W. R. Grace & Co. Method of manufacturing silica alumina catalyst. 2,768,145, 10-23-56, Cl. 252-448.
- Tonkin, Kenneth J. *See—*
- Du Bois, Edgar H., Zahradnik, and Tonkin. 2,730,946.
- Tonkovich, William, to Waterman Pen Co., Inc. Fountain pen. 2,770,221, 1-13-56, Cl. 120-30.
- Tonon, Louis, to General Electric Co. High frequency electrical apparatus. 2,747,137, 5-22-56, Cl. 315-39.
- Tonne, Joseph A. Swing with horizontally swingable support bar. 2,731,073, 1-17-56, Cl. 155-64.
- Tooker, Howard A., to Western Electric Co., Inc. Article testing apparatus. 2,736,862, 2-28-56, Cl. 324-158.
- Tooker, Kenneth O. Artificial hearing aid. 2,738,850, 3-20-56, Cl. 181-23.
- Tool, Robert A. Magnetic door stop. 2,761,718, 9-4-56, Cl. 292-251.5.
- Toot, Richard C., to E. I. du Pont de Nemours and Co. Ferro-magnetic cobalt and nickel manganese oxides having the ilmenite-type crystal structure. 2,770,523, 11-13-56, Cl. 23-58.
- Tootset, Inc. *See—*
- Paxhia, Emanuel F., Metzger, and White. 2,744,575.
- Paxhia, Emanuel F., Metzger, and White. 2,744,577.
- Toombs, Robert P. Strainer for drinking glasses. 2,744,631, 5-8-56, Cl. 210-163.
- Toomey, Eugene J., to Texas Instruments Inc. Apparatus for submarine seismic prospecting. 2,774,955, 12-18-56, Cl. 349-7.
- Toomey, Robert D. *See—*
- Daubenspeck, John M., and Toomey. 2,758,019.
- Toomin, Herschel, and G. H. Hare, to Beckman Instruments, Inc. Dynamic capacitor. 2,744,222, 5-1-56, Cl. 317-249.
- Toornman, Burton V., to The Dow Chemical Co. Method and composition for the control of the growth of undesirable vegetation. 2,744,817, 5-8-56, Cl. 71-2.3.
- Toornman, Burton V., to The Dow Chemical Co. Method for the control of undesired grasses. 2,744,819, 5-8-56, Cl. 71-2.8.
- Toot, David F. *See—*
- Loofbourrow, Alan G., Ryszewski, Folkerts, and Toot. 2,755,778.
- Tootal Broadhurst Lee Co. Ltd. *See—*
- Marsh, John T. 2,739,908.
- Reed, John A. 2,774,654.
- Toothman, Earl, 1/4 to E. A. Danforth. Hot gas defrosting system. 2,729,950, 1-10-56, Cl. 62-3.
- Toothman, James W., to Morse-Starratt Products Co. Spring actuated squeegee holding clamp. 2,771,626, 11-27-56, Cl. 15-245.
- Tootill, Geoffrey C. *See—*
- Williams, Frederic C., Kilburn, and Tootill. 2,749,439.
- Topa, Peter. Body restrainers. 2,766,751, 10-16-56, Cl. 128-134.
- Topor, John *See—*
- Huber, Howard E., and Topor. 2,762,305.
- Topinka, Alfred A., Q. H. McKenna, and S. S. Carlton, to Horizons Titanium Corp. Production of metallic titanium. 2,731,402, 1-17-56, Cl. 204-10.
- Toppari, John, to Erie Resistor Corp. Pyrolytic carbon resistor. 2,741,657, 4-10-56, Cl. 201-75.
- Töppel, Otmär, to Aschaffenburger Zellstoffwerke Aktien-gesellschaft. Method of recovering vanillin. 2,745,796, 5-15-56, Cl. 202-46.
- Torburn, Gustav P., to The Youngstown Steel Door Co. Laterally movable doors. 2,765,502, 10-9-56, Cl. 20-23.
- Torcia, Armond J. Electrical plug and outlet shield. 2,761,112, 8-28-56, Cl. 339-92.
- Torell, Bruce N., to United Aircraft Corp. Exhaust gas temperature responsive fuel system for gas turbine power plant. 2,731,794, 1-24-56, Cl. 60-39.38.
- Torlissman, Eugene G. N. Sled runner attachment for wheeled vehicles. 2,741,486, 4-10-56, Cl. 280-13.
- Torkelson, Arnold, to General Electric Co. Stable solution of an aluminum salt of a methyl silane triol. 2,729,572, 1-3-56, Cl. 106-287.
- Torres, Frank J. Cradled spanning board construction. 2,738,832, 3-20-56, Cl. 155-130.
- Torley, Frederick G., and W. J. de Beaubien, to General Motors Corp. Electric switch. 2,751,469, 6-19-56, Cl. 200-154.
- Tormag Transmissions Ltd. *See—*
- Zozulin, Igor V. 2,773,680.
- Zozulin, Igor V., G. J. Okulitch, Volkoff, V. J. Okulitch, and Ellett. 2,769,932.
- Zozulin, Igor V., Okulitch, Volkoff, Okulitch, and Ellett. 2,773,206.
- Torney, Thomas. Toy bank with indicator means. 2,758,414, 8-1-56, Cl. 46-3.
- Tormo, Mel G. Pipe hangers. 2,733,034, 1-31-56, Cl. 248-72.
- Tornberg, Henning T., to Modern Plastic Machinery Corp. Pipe-cutting apparatus. 2,772,733, 12-4-56, Cl. 164-60.
- Tornebohm, Hilding N., to SKF Industries, Inc. Tolerance limit gage. 2,733,513, 2-7-56, Cl. 33-178.
- Törnkvist, Rolf. Hand adjustment for a transversely slide block mounted cutter. 2,755,690, 7-24-56, Cl. 77-58.
- Tornoe, John A., to Schlage Lock Co. Locking mechanism. 2,738,666, 3-20-56, Cl. 70-216.
- Toro Mfg. Corp. *See—*
- Miller, William F. 2,731,739.
- Toro Mfg. Corp. of Minnesota. *See—*
- Benson, Don O. 2,731,007.
- Cunningham, Omar L., Jr., and Miller. 2,753,674.
- Erissagard, Byron L., and Horner. 2,746,315.
- Torpede Werke Aktiengesellschaft. *See—*
- Salzberger, Andreas. 2,753,972.
- Torpede-Werke Aktiengesellschaft, Fahrräder und Schreib-maschinen. *See—*
- Salzberger, Andreas. 2,754,952.
- Salzberger, Andreas. 2,766,867.
- Salzberger, Andreas. 2,774,457.
- Torpey, William A. *See—*
- Mericiere, Joseph A., Torpey, and Russell. 2,761,419.
- Torre, Alton J. *See—*
- Kirkwood, Loren R., and Torre. 2,758,155.
- Torre, Pier L. Springing system for a motorcycle wheel. 2,729,465, 1-3-56, Cl. 280-277.
- Torre, Pier L. Cylinders of two-cycle motors. 2,737,171, 3-6-56, Cl. 123-193.
- Torre, Pier L. Front wheel suspension for motorcycles. 2,752,168, 6-26-56, Cl. 280-277.
- Torre, Pier L. Filter for internal combustion engines. 2,753,015, 7-3-56, Cl. 185-40.
- Torre, Pier L. Spring suspension system for motorcycle front wheels. 2,756,070, 7-24-56, Cl. 280-276.
- Torregrossa, Robert E., and R. D. Babington. Combined bearing guide means for shafts. 2,759,679, 8-21-56, Cl. 242-38.
- Torrence, Miller W., to Clark Equipment Co. Apparatus for conveying hot metal. 2,748,963, 6-5-56, Cl. 214-392.
- Torrent, Frederick D. Machines for manufacturing cotton tipped applicators. 2,754,549, 7-17-56, Cl. 19-149.
- Torrent, Martin. Luggage racks for automobiles. 2,740,534, 4-3-56, Cl. 211-178.
- Torrent, Ralph R., C. N. Husman, and E. K. Dyson. Portable washing, sterilizing and drying machine. 2,746,279, 5-22-56, Cl. 68-20.
- Torre, Clement. Switches. 2,743,332, 4-24-56, Cl. 200-67.
- Torresen, Carel T., to North American Aviation, Inc. Driver for recessed head screws. 2,764,197, 9-25-56, Cl. 145-50.
- Torrey, Bradford M. *See—*
- Moore, John F., and Torrey. 2,742,639.
- Torrey, Robert D., to Sperry Rand Corp. Sneak pulse sup-pressor. 2,751,509, 6-19-56, Cl. 307-88.
- Torricelli Creations, Inc. *See—*
- Torricelli, Ugo. 2,744,520.
- Torricelli, Ugo, to Torricelli Creations, Inc. Machine for testing reflex action of humans. 2,744,520, 5-8-56, Cl. 128-2.

- Torrington Mfg. Co., The: *See*—  
 Bergevin, Charles R., 2,765,022.  
 Torrisi, Alfred P.: *See*—  
 Muscetta, Ralph A., and Torrisi, 2,739,110.  
 Torwedge, Franz, and E. Maschmeyer, to Franz Torwedge Maschinenfabrik Veneer joining machine, 2,771,923, 11-27-56, Cl. 144—279.  
 Toscani, Francis D., and N. Ippoliti, Garment construction, 2,731,641, 1-24-56, Cl. 2—3.  
 Tostes, Anthony J., to V. D. Draper Corp., Let-off for looms, 2,741,272, 4-10-56, Cl. 139—110.  
 Tosi, Fred, and G. McDougall, said McDougall assor. to said Tosi, Air operated hoist, 2,763,465, 9-18-56, Cl. 254—93.  
 Tosswill, Christopher H.: *See*—  
 Goulding, Frederick S., and Tosswill, 2,768,330.  
 Tosswill, Christopher H., to Hartford National Bank and Trust Co., trustee, Device comprising a glow-discharge tube for amplifying voltage pulses, and glow discharge tube for use in such devices, 2,736,840, 1-28-56, Cl. 315—168.  
 Tosswill, Christopher H., to Hartford National Bank and Trust Co., as trustee, Cold cathode gas discharge tube, 2,740,066, 3-27-56, Cl. 313—189.  
 Tosswill, Christopher H., to Hartford National Bank and Trust Co., as trustee, Cold cathode discharge tube, 2,740,072, 3-27-56, Cl. 315—167.  
 Tosswill, Christopher H., to Hartford National Bank and Trust Co., as trustee, Glow discharge tube and circuit therefor, 2,745,988, 5-15-56, Cl. 315—168.  
 Tott, John E., to The Babcock Wilcox Co., Tube expander involving automatic roller setting and release mechanism, 2,737,996, 3-13-56, Cl. 153—82.  
 Toth, John J., deceased; M. L. Toth, administratrix, Folding ironing board, 2,738,604, 3-20-56, Cl. 33—117.  
 Toth, Michael, and J. R. Snaoko, to The V. D. Anderson Co., Purifier, 2,742,976, 4-24-56, Cl. 183—80.  
 Toth, Minnie L., administratrix: *See*—  
 Toth, John J., 2,738,604.  
 Toth, Andrew J., to Honolulu Oil Corp., Fowl defeathering method, 2,758,439, 7-1-56, Cl. 17—45.  
 Toth, Andrew J., to Venetian Venetian blind, 2,756,817, 7-31-56, Cl. 160—173.  
 Totten, Luther D., Welding frame, 2,737,140, 3-6-56, Cl. 113—102.  
 Totten, Luther D., Welding frame, 2,761,952, 9-4-56, Cl. 219—101.  
 Totzek, Friedrich, to Koppers Co., Inc. Gasification apparatus with metallic water jacket nozzle for steam, 2,751,286, 6-1-56, Cl. 48—67.  
 Totzek, Friedrich, and W. Linder, to Koppers Co., Inc. Method for the production of fuel gas from liquid fuels, 2,734,811, 2-14-56, Cl. 48—214.  
 Touceda, Enrique G., to Processed Metals Corp., Metallic foil food cooking wrapper and method, 2,759,850, 8-21-56, Cl. 99—171.  
 Touchett, Vern T., to E Z Painter Corp., Roller mounting device for a paint applicator, 2,747,211, 5-29-56, Cl. 15—230.  
 Touchman, William S., Fabricating mechanism, 2,753,765, 7-10-56, Cl. 90—15.  
 Touchman, William S., to P. C. Sorenson and L. Jewell, Gasoline mileage indicator, 2,773,381, 12-11-56, Cl. 73—114.  
 Touch-Plate Mfg. Corp.: *See*—  
 Cronk, Kenneth P., 2,740,873.  
 Touey, George P., to Eastman Kodak Co., Preparation of cellulose phosphates, 2,759,924, 8-21-56, Cl. 260—219.  
 Touey, George P., and J. E. Kiefer, to Eastman Kodak Co., Cellulose esters and their preparation, 2,759,787, 8-21-56, Cl. 8—120.  
 Touger, Martin L., and A. H. Kettler, to the United States of America as represented by the Secretary of the Air Force, Sound translating apparatus, 2,761,912, 9-4-56, Cl. 179—101.  
 Toulmin, Harry A., Jr., to The Commonwealth Engineering Co. of Ohio, Artificial sponge and method of making it, 2,731,015, 1-17-56, Cl. 128—296.  
 Toulmin, Harry A., Jr., to The Commonwealth Engineering Co. of Ohio, Edible container for ice cream and the like, 2,731,349, 1-17-56, Cl. 99—88.  
 Toulmin, Harry A., Jr., to Midland Chemical Corp., Metal building material, 2,731,375, 1-17-56, Cl. 154—43.9.  
 Toulmin, Harry A., Jr., to Midland Chemical Corp., Coating compositions comprising particulate polyamides dispersed in aqueous solutions of alkali metal silicates, 2,731,432, 1-17-56, Cl. 260—29.2.  
 Toulmin, Harry A., Jr., to The Commonwealth Engineering Co. of Ohio, Dye stuffs derived from dextran, 2,733,236, 1-31-56, Cl. 260—152.  
 Toulmin, Harry A., Jr., to The Commonwealth Engineering Co., Antistatic tile and method of making, 2,734,007, 2-7-56, Cl. 117—217.  
 Toulmin, Harry A., Jr., to L. O. F. Glass Fibers Co., Glass fiber bearing, 2,734,785, 2-14-56, Cl. 308—121.  
 Toulmin, Harry A., Jr., to The Commonwealth Engineering Co. of Ohio, Dextran coating composition, 2,734,828, 2-14-56, Cl. 106—162.  
 Toulmin, Harry A., Jr., to The Commonwealth Engineering Co. of Ohio, Method and apparatus for forming plastic film and printing it, 2,736,056, 2-28-56, Cl. 18—4.  
 Toulmin, Harry A., Jr., to The Commonwealth Engineering Co. of Ohio, Method of apparatus for separating the soft rock component of mixtures of hard and soft rock, 2,736,502, 2-28-56, Cl. 241—14.  
 Toulmin, Harry A., Jr., to The Commonwealth Engineering Co. of Ohio, Method of coloring citrus fruits, 2,739,897, 3-27-56, Cl. 99—103.  
 Toulmin, Harry A., Jr., to The Commonwealth Engineering Co. of Ohio, Apparatus for continuous metal production and continuous gas plating, 2,741,216, 4-10-56, Cl. 118—48.  
 Toulmin, Harry A., Jr., to The Commonwealth Engineering Co. of Ohio, Continuous metal production and continuous gas plating, 2,743,700, 5-1-56, Cl. 118—48.  
 Toulmin, Harry A., Jr., to Midland Chemical Corp., Laminar product and method of making the same, 2,744,044, 5-1-56, Cl. 154—101.  
 Toulmin, Harry A., Jr., to The Commonwealth Engineering Co. of Ohio, Grinding drum, 2,745,223, 5-15-56, Cl. 51—190.  
 Toulmin, Harry A., Jr., to The Commonwealth Engineering Co. of Ohio, Dextran compound coated body powder, 2,749,277, 6-5-56, Cl. 187—92.  
 Toulmin, Harry A., Jr., to The Commonwealth Engineering Co. of Ohio, Rotary plow, 2,755,719, 7-24-56, Cl. 97—43.  
 Toulmin, Harry A., Jr., to The Commonwealth Engineering Co. of Ohio, Method of measuring distance between an airplane and a runway that is visible from the airplane during low ceiling, 2,756,407, 7-24-56, Cl. 340—26.  
 Toulmin, Harry A., Jr., to The Commonwealth Engineering Co. of Ohio, Normally foam-producing beverages, 2,758,928, 8-14-56, Cl. 99—48.  
 Toulmin, Harry A., Jr., to The Commonwealth Engineering Co. of Ohio, Method of preserving shrimp, 2,758,929, 8-14-56, Cl. 99—158.  
 Toulmin, Harry A., Jr., to The Commonwealth Engineering Co. of Ohio, Method of preserving shrimp, 2,758,930, 8-14-56, Cl. 99—158.  
 Toulmin, Harry A., Jr., to The Commonwealth Engineering Co. of Ohio, Structural materials particularly useful as protective armour, 2,758,952, 8-14-56, Cl. 154—101.  
 Toulmin, Harry A., Jr., to Midland Chemical Corp., Coating composition comprising metallic dust, 2,758,983, 8-14-56, Cl. 260—40.  
 Toulmin, Harry A., Jr., to The Commonwealth Engineering Co. of Ohio, Title and method of making, 2,760,881, 8-28-56, Cl. 117—9.  
 Toulmin, Harry A., Jr., to The Commonwealth Engineering Co. of Ohio, Wood stain containing dextran dye, 2,762,679, 9-11-56, Cl. 8—6.5.  
 Toulmin, Harry A., Jr., to The Commonwealth Engineering Co. of Ohio, Liquid level gauge and navigation aid, 2,764,890, 10-2-56, Cl. 73—178.  
 Toulmin, Harry A., Jr., to The Commonwealth Engineering Co. of Ohio, Paper and paper-like materials having a remountable adhesive coating, 2,768,096, 10-23-56, Cl. 128—122.  
 Toulon, Pierre M. G., 75% to Products and Licensing Corp., and 25% to N. Moore and W. D. Hall, as joint tenants, Optical lens system, 2,736,235, 2-28-56, Cl. 88—57.  
 Toulon, Pierre M. G., 75% to Products and Licensing Corp., and 25% to N. Moore and W. D. Hall, as joint tenants, Ignition control, 2,738,442, 3-13-56, Cl. 315—183.  
 Toulon, Pierre M. G., 75% to Products & Licensing Corp., and 25% to N. Moore and W. D. Hall, joint tenants, Electric optical screens for color television, 2,744,156, 5-1-56, Cl. 178—9.  
 Toulon, Pierre M. G., 75% to Products and Licensing Corp., and 25% to N. Moore and W. D. Hall, joint tenants, Television systems, 2,744,949, 5-8-56, Cl. 178—5.2.  
 Toulon, Pierre M. G., 75% to Products and Licensing Corp., and 25% to N. Moore and W. D. Hall, as joint tenants, Record identifying method and apparatus, 2,757,865, 8-7-56, Cl. 235—61.11.  
 Toulon, Pierre M. G., 75% to Products and Licensing Corp., and 25% to N. Moore and W. D. Hall, as joint tenants, Mural television screen, 2,760,139, 8-21-56, Cl. 315—169.  
 Toulon, Pierre M. G., to Moore and Hall, Signal distribution system, 2,767,312, 10-16-56, Cl. 250—27.  
 Tourand, Daniel P., Emergency traction device, 2,737,355, 8-6-56, Cl. 242—95.  
 Tourshou, Simeon I.: *See*—  
 Achenbach, John C., and Tourshou, 2,750,450.  
 Tourshou, Simeon I., and G. E. Skorp, to Radio Corp. of America, Video from sync and sync from sync separation, 2,736,768, 2-28-56, Cl. 178—7.5.  
 Tourville, Frank L.: *See*—  
 Cole, Arthur D., and Tourville, 2,750,869.  
 Touvy, Robert, and P. Pillu, to Pilkington Brothers Ltd., Apparatus for grinding or polishing the two faces of a moving horizontal ribbon of glass simultaneously, 2,757,459, 8-7-56, Cl. 51—112.  
 Touvet, Guy A. D., Electronic emission spectrometry using radio frequency excited and modulated light emission spectrum, 2,745,311, 5-15-56, Cl. 88—14.  
 Towell, George, and E. H. G. McCaffrey, to Canadian Industries (1954) Ltd., Electric blasting caps containing spiral delay elements, 2,757,566, 8-7-56, Cl. 86—1.  
 Tower, George C., to Consolidated Industries, Inc., Rotary lawn mower, 2,746,227, 5-22-56, Cl. 56—25.4.  
 Towle, Charles L.: *See*—  
 Bach, Harold H., and Towle, 2,775,438.  
 Towle, Edmund H.: *See*—  
 DeAngelis, J., and Towle, 2,742,611.  
 Towle, Edward L. N., to Metropolitan Vickers Electrical Co. Ltd., Turning gear for steam turbine, 2,752,019, 6-26-56, Cl. 192—02.



- Towle, Elton L., and O. H. Dorer, to Worthington Corp. Automatic variable speed control mechanism for fluid pumps. 2,733,660, 2-7-56, Cl. 103—23.
- Towle, Philip H.: *See*—  
Hill, Philip, Van Strien, and Towle. 2,751,359.  
Van Strien, Richard E., and Towle. 2,751,283.  
Van Strien, Richard E., Towle, and Hill. 2,751,361.
- Towle, Robert B., Jr. Receptacle for a disc game board. 2,752,157, 6-26-56, Cl. 273—126.
- Towle, Robert G., to Specialties Development Corp. Insulation failure detector for electric cables. 2,752,590, 6-26-56, Cl. 840—255.
- Towle, Robert G., and W. T. Fleming, to Specialties Development Corp. Valve operating mechanism. 2,738,033, 3-13-56, Cl. 185—40.
- Towler, Frank H.: *See*—  
Towler, John M. and F. H. 2,745,253.  
Towler, John M. and F. H. 2,751,923.  
Towler, John M. and F. H. 2,752,946.  
Towler, John M. and F. H. 2,766,586.
- Towler, John M.: *See*—  
Towler, John M. and F. H. 2,752,946.
- Towler, John M. and F. H., to Electroaule Presses Ltd. Combined admission, relief and unloading valve and hydraulic power system. 2,745,253, 5-15-56, Cl. 60—97.
- Towler, John M. and F. H., to Electroaule Presses Ltd. Liquid pressure actuated automatic bypass valves. 2,751,923, 6-26-56, Cl. 137—108.
- Towler, John M., deceased, (F. H. Towler, administrator), and F. H. Towler, to Electroaule Presses Ltd. Control valves for hydraulic presses. 2,752,946, 7-3-56, Cl. 137—622.
- Towler, John M. and F. H., to Electroaule Presses Ltd. Control valves for hydraulic presses. 2,766,586, 10-16-56, Cl. 60—52.
- Towmotor Corp.: *See*—  
Cirillo, Lee. 2,744,645.  
Tveaver, Elverson T. 2,744,764.
- Town, Edwin W., cushioning insoles for shoes. 2,762,134, 9-11-56, Cl. 36—71.
- Towne, Edmund B.: *See*—  
Dickey, Joseph B., and Towne. 2,730,523.  
Dickey, Joseph B., and Towne. 2,746,953.  
Dickey, Joseph B., and Towne. 2,757,173.  
Dickey, Joseph B., and Towne. 2,763,668.  
Dickey, Joseph B., and Towne. 2,768,160.
- Towne, Edmund B., and H. M. Hill, to Eastman Kodak Co. Process for preparing diarylsulfones. 2,768,211, 10-23-56, Cl. 26—607.
- Towne, Edmund B., and J. B. Dickey, to Eastman Kodak Co. 5-nitrothiazoleazo-N,N-disubstituted m-alkacylamino-aniline compounds. 2,771,466, 11-20-56, Cl. 260—158.
- Towne, Richard S., to General Aniline & Film Corp. Copolymers of vinyl compounds with  $\alpha,\beta$ -unsaturated dicarboxylic acids. 2,744,098, 5-1-56, Cl. 260—78.5.
- Townsh, Shirley N. Ironing device. 2,738,093, 3-20-56, Cl. 38—97.
- Townsend, Frank S., to The Permutit Co. Ltd., Stewarts & Lloyd Ltd., and Woodall-Duckham Construction Co. Ltd. Ion-exchange treatment of gasworks effluent. 2,731,413, 1-17-56, Cl. 210—24.
- Towner, George H., to Northrop Aircraft, Inc. Digital servomotor. 2,774,026, 12-11-56, Cl. 318—283.
- Towner, George H., to Northrop Aircraft, Inc. Analogue to digital function converter. 2,774,957, 12-18-56, Cl. 340—205.
- Towner, Joseph A. Deposit box. 2,742,994, 4-24-56, Cl. 193—34.
- Townsend, Albert J., to Crane Co. Air brake train line cocks. 2,749,084, 6-5-56, Cl. 251—183.
- Townsend, Edward F.: *See*—  
McCrystle, John D., and Townsend. 2,730,932.
- Townsend, Franklin L.: *See*—  
Andres, Ralph W., and Townsend. 2,762,107.
- Townsend, Frederick H., and F. Geale, to Cathodeon Ltd. Television pick-up tubes and transmitting apparatus incorporating the same. 2,735,035, 2-14-56, Cl. 315—11.
- Townsend, George B., to Hazeltine Research, Inc. Potential wave-generating systems. 2,735,938, 2-21-56, Cl. 250—36.
- Townsend, Harry W.: *See*—  
Drake, Francis E. 2,738,261.
- Townsend, Henry B., to General Latex & Chemical Corp. Method of preserving latex. 2,743,305, 4-24-56, Cl. 260—815.
- Townsend, Leon L. Adjustable bearing. 2,756,116, 7-24-56, Cl. 308—71.
- Townsend, Leyshon W. Composite assembly for bonding plates of dissimilar metals. 2,745,172, 5-15-56, Cl. 29—194.
- Townsend, Rex, and F. L. Davis. Submersible oil rig for drilling on bottom. 2,756,021, 7-24-56, Cl. 255—2.5.
- Townsend, Wilbur J., to The Coleman Co., Inc. Table case. 2,759,576, 8-21-56, Cl. 190—11.
- Townshend, Henry H., to J. T. Henry Mfg. Co., Inc. Grinding device for knives and the like. 2,735,236, 2-21-56, Cl. 51—102.
- Toy, Arthur D. F., and K. H. Rattenbury, to Victor Chemical Works. Bombing of phosphonate polymers and methods of flameproofing therewith. 2,735,789, 2-21-56, Cl. 117—137.
- Toy, Arthur D. F., and J. R. Costello, to Victor Chemical Works. Method of making triallyl phosphate. 2,754,315, 7-10-56, Cl. 260—461.
- Trabon Engineering Corp.: *See*—  
Harter, Robert L. 2,742,924.  
Harter, Robert L. 2,766,847.
- Traceab, Inc.: *See*—  
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Ragonesi, Victor E., and Hadley. 2,733,356.  
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Ziffer, Garret P. 2,756,834.
- Trachler, Fred A. Lock guard. 2,735,711, 2-21-56, Cl. 292—346.
- Trachslor, Fred A. Safety pins. 2,772,462, 12-4-56, Cl. 24—158.
- Track Corp. Ltd. The: *See*—  
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Messenger, Desmond, Whithard, and Phelps. 2,735,730.
- Tractomobile Corp.: *See*—  
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- Tracy, Arthur V., 10% to J. C. Den Engelsens. Clamp for joining an electric conductor to a terminal post. 2,752,583, 6-26-56, Cl. 339—225.
- Tracy, Benjamin F., to Goodman Mfg. Co. Adjustable diameter rotary cutting head for mining machines. 2,734,732, 2-14-56, Cl. 262—7.
- Tracy, Benjamin F. to Goodman Mfg. Co. Cutting and discharging head for continuous mining machine. 2,754,099, 7-10-56, Cl. 262—7.
- Tracy, Benjamin F., to Goodman Mfg. Co. Contractible boring type cutting head for continuous mining machine. 2,772,869, 12-4-56, Cl. 262—7.
- Tracy, Harold G. Anti-theft lock for vehicle hub caps. 2,771,940, 5-29-56, Cl. 301—37.
- Tradimex, Cooperative Commerciale: *See*—  
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- Traffic Controls, Inc. of Delaware: *See*—  
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- Trager, Fred C., to Columbia-Southern Chemical Corp. Reduction of meta-chloro nitrobenzene to meta-chloro aniline. 2,772,313, 11-27-56, Cl. 260—580.
- Trahan, Gus H., to Houston Engineers, Inc. Junk basket. 2,751,010, 6-19-56, Cl. 166—99.
- Trahern, Arlie R., Jr., to Chrysler Corp. Floating shoe brake. 2,740,498, 4-3-56, Cl. 188—78.
- Trabin, Dwight S.: *See*—  
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- Trailmobile, Inc.: *See*—  
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- Trailmobile, Inc., to Shels Development Co. Control of flow of finely divided solids. 2,753,061, 7-3-56, Cl. 214—152.
- Trainer, Thomas M.: *See*—  
May, Claude H., Ballmer, and Trainer. 2,772,756.
- Tranor, Robert J., to N. S. Dennis. Fruit juice extracting device. 2,733,909, 7-10-56, Cl. 146—3.
- Tramm, Heinrich: *See*—  
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Schaub, Franz, and Tramm. 2,766,880.
- Tramm, Heinrich, and O. Roelen, to Ruhrchemie Aktiengesellschaft. Package coated with paraffin and polymerized products of a cyclopentadiene. 2,731,370, 1-17-56, Cl. 117—155.
- Trammell, Carl E., and E. L. Niner. 8% to said Trammell, 60% to said Niner, and 32% to E. M. Niner. Flush tank valve actuating float. 2,738,800, 3-20-56, Cl. 137—417.
- Trammell, Carl E., and E. L. Niner, 8% and sash-balance assemblies. 2,734,235, 2-14-56, Cl. 20—52.2.
- Trammell, Earl M., Jr. Lock. 2,735,288, 2-21-56, Cl. 70—135.
- Trammell, Earl M., Jr. Plunger-guard assemblies for automobile doors. 2,735,289, 2-21-56, Cl. 70—181.
- Trane Co. The: *See*—  
Kernjack, Anthony A. 2,758,453.  
Moody, Arthur M. G. 2,746,269.  
Moody, Arthur M. G. 2,768,511.  
Moody, Arthur M. G. 2,770,106.
- Transal, Sireur. Vacuum held footwear. 2,746,173, 5-22-56, Cl. 36—2.5.
- Trans-American Precision Instrument Corp.: *See*—  
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- Transart Aktiebolag: *See*—  
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- Transformatoren- und Apparatefabrik Paul Metz: *See*—  
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- Transit Research Corp.: *See*—  
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Russell, William T. 2,743,681.  
Russell, William T. 2,743,919.  
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- Transitron, Inc.: *See*—  
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- Transmission & Gear Co. The: *See*—  
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- Transonic Corp.: *See*—  
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- Transportation Development Corp. The: *See*—  
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- Trans-Trading Corp.: *See*—  
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- Trans World Airlines, Inc.: *See*—  
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- Trapido, Leonard, to Kahn & Feldman, Inc. Yarn guide. 2,747,815, 9-29-56, Cl. 242—157.
- Trapow, D., & Co. Ltd.: *See*—  
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- Trapp, Walter B., to The Dow Chemical Co. Catalytic regeneration of phenylacetaldehyde from its trimer. 2,770,654, 11-13-56, Cl. 260—599.
- Trask, Harold V.: *See*—  
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- Tratsch, Walter A. Impact switch device. 2,733,310, 1-31-56, Cl. 200—6145.
- Tratsh, Walter A., to S. B. Atwood. Coin testing device. 2,763,356, 9-18-56, Cl. 194—101.
- Tratzik, Frederick: *See*—  
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- Mueller, Frank H., and Tratzik. 2,735,123.
- Tratzik, Frederick, and W. E. Bowman, to Mueller Co. By-pass assembly for service pipe and method of installation. 2,756,779, 7-31-56, Cl. 138—97.
- Traub, Emil. Tie barrettes. 2,735,105, 2-21-56, Cl. 2—150.
- Traub, Henry A., to Douglas Aircraft Co., Inc. Back up washer. 2,749,193, 6-5-56, Cl. 300—23.
- Traum, David, Co., Inc.: *See*—  
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- Booth, Herbert G. 2,746,147.
- Traug, Alfons, to Dr. M. Mayer. Power-operated shears. 2,731,721, 2-24-56, Cl. 228—28.
- Traut, William A. Fluid pressure device. 2,747,370, 5-29-56, Cl. 60—52.
- Trautman, Walter C., and L. L. Arnes, to Walker Mfg. Co. of Wisconsin. Lifting jack. 2,730,903, 1-17-56, Cl. 74—141.5.
- Trautvetter, Robert S.: *See*—  
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- Travel Drill Co., Inc.: *See*—  
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- Traver, Alfred E., to Socony Mobil Oil Co., Inc. Apparatus for detecting contamination of a liquid. 2,734,377, 2-14-56, Cl. 73—53.
- Traver, Alfred E., to Socony Mobil Oil Co., Inc. Spark advance indicator. 2,735,296, 2-21-56, Cl. 75—116.
- Traver, Clarence H., and J. E. Controls Co. Pilot burner and igniter therefor. 2,768,677, 10-30-56, Cl. 158—115.
- Traver, Investments, Inc.: *See*—  
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- Travilla, James C., to General Steel Castings Corp. Railway truck. 2,737,906, 3-13-56, Cl. 105—197.1.
- Travilla, James C., to General Steel Castings Corp. Railway truck. 2,752,863, 7-3-56, Cl. 105—190.
- Travilla, James C., and J. J. Harley, to General Steel Castings Corp. Railway truck and brake gear. 2,738,035, 3-13-56, Cl. 188—46.
- Travilla, James C., and J. W. Cooke, to General Steel Castings Corp. Electric motor railway truck. 2,745,358, 5-15-56, Cl. 105—138.
- Travilla, James C., to General Steel Castings Corp. Railway truck. 2,740,359, 4-3-56, Cl. 105—193.
- Travis, Albert C., Jr., to Broadcast Equipment Specialties Corp. Magnetic tape recorder. 2,732,437, 1-24-56, Cl. 179—100.2.
- Travis, John P. Gyrating and sliding pivot window with retractable weather bar. 2,744,296, 5-8-56, Cl. 20—42.
- Travis, John P. Gyrating and shiftable pivot window with stationary weather bars. 2,744,298, 5-8-56, Cl. 20—53.
- Travis, John P. Gyrating and shiftable pivot window with retractable weather bars. 2,744,299, 5-8-56, Cl. 20—53.
- Travis, John P. Pivoted reversible window with laterally and transversely shiftable pivot. 2,744,593, 5-8-56, Cl. 189—66.
- Travis, John P. Gyrating and shiftable pivot window with retractable weather bars. 2,744,594, 5-8-56, Cl. 189—69.
- Travis, John P. Pivoted window and retractable sealing means therefor. 2,766,860, 10-16-56, Cl. 189—70.
- Travis, Paul H., and D. R. Stamy; said Stamy assignor, to said Travis. Door check structure. 2,769,197, 11-6-56, Cl. 16—85.
- Travis, William: *See*—  
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- Traylor Engineering & Mfg. Co.: *See*—  
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- Traylor, Samuel W., Jr. Toggle mechanism for jaw-type crusher. 2,751,159, 6-19-56, Cl. 241—269.
- Tre Brothers Mfg. Co.: *See*—  
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- Treacy, John C. Process and resulting compositions. 2,739,166, 3-20-56, Cl. 260—466.
- Treadway Corp.: *See*—  
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- Treadway, Robert H., and F. H. Heister, to United States of America as represented by the Secretary of Agriculture. Process for making uncellular dehydrated potato granules. 2,750,295, 6-12-56, Cl. 99—207.
- Treadwell, Cyril G., to International Standard Electric Corp. Electric pulse code modulation systems. 2,752,569, 6-26-56, Cl. 332—1.
- Treadwell, M. H., Co., Inc.: *See*—  
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- Treble, Henning A.: *See*—  
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- Treble, Henning A., and J. P. Horton, to National Dairy Research Laboratories, Inc. Combination settling, flow division and weir tank for waste disposal systems. 2,749,302, 6-5-56, Cl. 210—3.
- Treg, Inc.: *See*—  
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- Tregillus, Harold R. Pocket sectional capsule and pill holder. 2,759,598, 8-21-56, Cl. 206—42.
- Tregillus, Leonard W.: *See*—  
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- Tregoning, Thomas: *See*—  
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- Treharne, Richard E., Jr., and A. J. Wegmann, to Scovill Mfg. Co. Aerosol bomb filling and dispensing valve. 2,775,483, 12-25-56, Cl. 299—95.
- Treharne, Richard W., Jr., to Westinghouse Air Brake Co. Vehicle reporting systems. 2,753,550, 7-3-56, Cl. 340—312.
- Treharne, Richard W., Jr., to Westinghouse Air Brake Co. Pressure-indicating closure seal for liquid-receiving containers. 2,733,573, 1-31-56, Cl. 350—3.
- Treiber, Kenneth L. Face shield. 2,758,307, 8-14-56, Cl. 2—9.
- Treitel, Werner S.: *See*—  
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- Treleven, Howard E., to Tre Brothers Mfg. Co. Spectacle holder for attachment to a panel surface in an automobile. 2,735,597, 2-21-56, Cl. 224—29.
- Tremblay, Bernard G., and M. E. Horn, to Westinghouse Electric Corp. Trip operating magnet. 2,735,046, 2-14-56, Cl. 317—178.
- Trenchard, Sidney C. Urine test sample collecting means. 2,733,684, 7-3-56, Cl. 119—28.
- Trenchard, Sidney C. Sealing apparatus. 2,738,849, 2-7-56, Cl. 226—80.
- Trenholm, James T.: *See*—  
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- Trenholm, Lawrence B.: *See*—  
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- Trenkle, Jacob I. Timber jack. 2,733,895, 2-7-56, Cl. 254—131.
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- Trepaid, Georges. Ice machine. 2,749,721, 6-12-56, Cl. 62—106.
- Treptow, Arnold W., to Bell Telephone Laboratories, Inc. Vitreous enamel and enameling processes. 2,753,271, 7-3-56, Cl. 106—48.
- Treptow, George R., to The Youngstown Steel Door Co. Lock for sliding doors. 2,766,057, 10-9-56, Cl. 292—148.
- Treptic, Howard O.: *See*—  
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- Treseder, Richard S.: *See*—  
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- Treseder, Richard S., and P. J. Raifsnider, to Shell Development Company. Corrosion prevention method. 2,734,029, 2-7-56, Cl. 253—8.55.
- Treseder, Robert C.: *See*—  
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- Treseder, Robert C., to General Motors Corp. Pressure storage device. 2,744,254, 5-8-56, Cl. 137—102.
- Treseder, Robert C., to General Motors Corp. Propeller blade testing apparatus. 2,746,290, 5-22-56, Cl. 73—147.
- Treseder, Robert C., M. Brooks, and R. E. Moore, to General Motors Corp. Turbine propeller control system. 2,738,843, 9-20-56, Cl. 170—135.75.
- Treseder, Robert C., J. B. Kessler, and R. K. Skinner, to General Motors Corp. Propeller pitch changing mechanism. 2,761,518, 9-4-56, Cl. 170—160.17.
- Treese, Raleigh E., and P. D. Kendall, to Paravox, Inc. Hearing aid having a molded chassis. 2,761,018, 8-28-56, Cl. 179—107.
- Trester, Frederick A. Fishing lures. 2,756,532, 7-31-56, Cl. 43—42.05.
- Trethewey, William D. Volume control valve. 2,760,510, 8-28-56, Cl. 137—99.
- Truthart, Robert L.: *See*—  
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- Travaskis, Henry W., to Dunlop Rubber Co. Ltd. Fluid pressure valve. 2,733,727, 2-7-56, Cl. 137—102.
- Travaskis, Henry W., to Dunlop Rubber Co. Ltd. Flexible hose couplings. 2,733,941, 2-7-56, Cl. 285—84.
- Travaskis, Henry W., to Dunlop Rubber Co. Ltd. Pressure relief valve. 2,752,942, 7-3-56, Cl. 137—512.1.
- Travaskis, Henry W., to Dunlop Rubber Co. Ltd. Control panel for vehicle central inflation systems. 2,760,513, 8-28-56, Cl. 137—227.
- Travaskis, Henry W., to Dunlop Rubber Co. Ltd. Fluid pressure mechanisms. 2,767,728, 10-23-56, Cl. 137—116.3.
- Travaskis, Henry W., and F. B. Mortimer, to Dunlop Rubber Co. Ltd. Braking system for aircraft, including delayed release of retracted wheels. 2,753,137, 7-3-56, Cl. 244—111.
- Travaskis, Henry W., and F. B. Mortimer, to Dunlop Rubber Co. Ltd. Automatic braking apparatus for aircraft. 2,766,853, 10-16-56, Cl. 188—181.
- Trevenna, George R. Machines for making polishing buffs. 2,768,825, 10-30-56, Cl. 270—58.
- Treves, Gino R., to Schieffelin & Co. Quaternary ammonium compounds of basic esters of 2-aryl-2-(1-hydroxycyclohexyl) ethanolic acids. 2,770,646, 11-13-56, Cl. 260—473.
- Treves, Gino R., to Schieffelin & Co. Quaternary ammonium compounds of basic esters of 2-aryl-2-(1-hydroxycyclopentyl) ethanolic acids. 2,770,647, 11-13-56, Cl. 260—473.
- Trexel, James J.: *See*—  
Hibbsman, Henry J., and Trexel. 2,772,081.
- Tri Foods Co.: *See*—  
Robinson, Cecil, and Hancock. 2,739,072.



- Triangle Package Machinery Co.: *See*—  
Ullman, Fred E., and Virta. 2,752,083.
- Triangle Products Ltd.: *See*—  
Waring, Frank E. 2,747,063.
- Triangle Specialties Inc.: *See*—  
Rosenzweig, Philip. 2,770,299.
- Tribune Co.: *See*—  
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Park, John W., and Wolf. 2,768,578.
- Tribus, Myron, and M. P. Moyle, to The Regents of The University of Michigan. Ice detecting apparatus. 2,766,619, 10-16-56, Cl. 73—170.
- Trickey, Philip H., to Vickers Inc. Power transmission. 2,752,021, 6-26-56, Cl. 192—215.
- Trickey, Philip H., to Vickers Inc. Power transmission. 2,754,946, 7-17-56, Cl. 192—215.
- Trickle, Russell W., Jr.: *See*—  
Dittmore, Ray H., Richter, Shadd, McMillan, and Trickle. 2,768,105.  
Dittmore, Ray H., Richter, Shadd, McMillan, and Trickle. 2,771,540.
- Trickle, Russell W., Jr., to Dittmore-Freimuth Corp. Universal protective covering cutter for coaxial and other cables. 2,752,676, 7-5-56, Cl. 30—91.
- Trimit Hosiery Mills, Inc.: *See*—  
Blais, Lionel. 2,734,361.
- Trico Products Corp.: *See*—  
Bitzer, Martin. 2,737,341.  
Deibel, Raymond. 2,748,617.  
Deibel, Raymond. 2,753,754.  
Deibel, Raymond. 2,760,023.  
Deibel, Raymond. 2,771,784.  
Deibel, Raymond. 2,772,436.  
Horton, Erwin C. 2,729,444.  
Horton, Erwin C. 2,738,535.  
Horton, Erwin C. 2,763,023.  
Horton, Erwin C. 2,766,474.  
Horton, Erwin C. 2,767,419.  
Oishei, John R. 2,732,685.  
Oishei, John R. 2,733,469.  
Oishei, John R. 2,743,473.  
Oishei, John R. 2,747,150.  
Oishei, John R. 2,746,652.  
Oishei, John R. 2,747,213.  
Oishei, John R. 2,750,617.  
Oishei, John R. 2,752,626.  
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Oishei, John R. 2,769,194.  
Oishei, John R. 2,773,353.  
Oishei, John R., and Hueber. 2,770,017.  
Oishei, John R., and Riester. 2,736,053.  
Scinta, Anthony C. 2,741,791.  
Scinta, Anthony C. 2,747,212.
- Tricon, Inc.: *See*—  
Marshall, Franklin W. 2,760,614.
- Tri-Dent Corp., The: *See*—  
Ripper, Rudolf. 2,771,624.
- Triebner, Albert, Jr.: Notebook. 2,739,826, 3-27-56, Cl. 282—8.
- Triebwasser, Sol: *See*—  
Reisman, Arnold, Holtzberg, and Triebwasser. 2,758,008.
- Trief, Leon and M. Method of and apparatus for automatically proportioning granulated material to be fed to a grinding mill. 2,767,926, 10-23-56, Cl. 241—15.
- Trief, Marcel: *See*—  
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- Trier, Fred F., to H. D. Hudson Mfg. Co. Power-operated duster. 2,760,298, 8-28-56, Cl. 43—148.
- Trier, Raymond T.: *See*—  
Moore, Craig M., Morgan, and Trier. 2,755,904.
- Trier, Raymond T., to The Superior Switchboard & Devices Co. Solderless lug and connector for electrical cables. 2,774,953, 12-18-56, Cl. 339—272.
- Trieschmann, Hans-Georg, and L. Reuter, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Purification of adiponitrile. 2,748,065, 5-29-56, Cl. 202—57.
- Trigg, Warren M.: *See*—  
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- Triggs, Kenneth F., to The Majestic Co., Inc. Incinerator. 2,739,477, 3-27-56, Cl. 110—18.
- Triggs, Kenneth F., to The Majestic Co., Inc. Domestic incinerator. 2,748,728, 6-5-56, Cl. 110—18.
- Triggs, Kenneth F. Odor and smoke consumer. 2,770,318, 11-13-56, Cl. 183—6.
- Trilling, Sanford S., and N. H. Sloan. Fastener device. 2,738,561, 3-20-56, Cl. 24—206.
- Triman, Eugene L., to North American Aviation, Inc. Etching depth limit monitor. 2,762,035, 9-4-56, Cl. 340—267.
- Triman, Eugene L., to North American Aviation, Inc. Method of monitoring etching depth. 2,762,036, 9-4-56, Cl. 340—267.
- Trimble, Ceburn B., to The National Cash Register Co. Magnetic switching devices. 2,740,110, 3-27-56, Cl. 340—364.
- Trimble, George S., Jr., L. G. Cooper, and W. F. Hess, to The Glenn L. Martin Co. Six component balance for wind tunnel. 2,768,526, 10-30-56, Cl. 73—147.
- Trimble, Harold M., and L. A. McReynolds, to Phillips Petroleum Co. Aviation gasoline. 2,761,770, 9-4-56, Cl. 44—69.
- Trimble, Inc.: *See*—  
Skirvin, Chester C. 2,769,983.  
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Skirvin, Chester C. 2,769,986.
- Trimble, Roy L., to W. W. Williams. Metering apparatus. 2,765,027, 10-2-56, Cl. 158—36.3.
- Trimless, Inc.: *See*—  
Artzt, William W. 2,746,278.
- Trinca, Frederick. Ready-sight-reading tire pressure gage. 2,747,409, 5-29-56, Cl. 73—408.
- Trinca, Frederick. Pressure indicators for vehicular tires and farm actuators therefor. 2,752,786, 7-3-56, Cl. 73—390.
- Trindl, Joseph H.: *See*—  
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- Trindl, Joseph H. Bottle recapper. 2,738,117, 3-13-56, Cl. 226—84.
- Trindl, Joseph H. Wringer mop structure. 2,750,613, 6-19-56, Cl. 15—119.
- Trinity, Joseph B., and R. E. Bates. Fire extinguishing apparatus. 2,748,875, 6-5-56, Cl. 169—2.
- Trinka, Charles W. Smoking pipe. 2,756,755, 7-31-56, Cl. 133—223.
- Trinkle, Edgar, to The Baldwin Piano Co. Pin block. 2,736,224, 2-28-56, Cl. 84—202.
- Trinkle, Dallas R., to The Monarch Machine Tool Co. Tool holder. 2,771,807, 11-27-56, Cl. 82—36.
- Trinski, Edmund F. Detachable cutter blade. 2,729,889, 1-10-56, Cl. 30—286.
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Guernsey, John F., and Vail. 2,772,413.  
Koenig, Herbert G. 2,729,728.
- Trio Production Co.: *See*—  
Hurd, Hubert O. 2,758,382.
- Triol, Inc.: *See*—  
Landgraf, George F. 2,742,974.
- Tri-Pak Machinery Service, Inc.: *See*—  
Young, Ross W., Jr. 2,762,179.
- Tripar Products, Inc.: *See*—  
Rosenberg, Charles B. 2,738,124.
- Triplett, Hugh A.: *See*—  
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- Trip-Lite Ltd.: *See*—  
Martin, Charles S., and Cooke. 2,744,174.
- Tripoll, John. Dispensing device and holder for toothpaste like substance. 2,775,370, 12-25-56, Cl. 222—100.
- Tripp, John G.: *See*—  
Reeves, Adam A., Putman, Jones, and Tripp. 2,757,129.  
Tripp, Lue. Trailer with adjustable rear wheels for transverse positioning thereof. 2,750,197, 6-12-56, Cl. 280—3.
- Tripp, Walter C., to American Optical Co. Abrading apparatus. 2,756,993, 3-6-56, Cl. 51—131.
- Tripplehorn, David R., to J. C. Tripplehorn. Spiral paraffin scrapers. 2,733,768, 2-7-56, Cl. 166—176.
- Tripplehorn, David R., to J. C. Tripplehorn. Method and apparatus for making spiral paraffin scrapers. 2,753,625, 7-10-56, Cl. 29—549.
- Tripplehorn, James C.: *See*—  
Tripplehorn, David R. 2,733,768.  
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- Trist, Ronald & Co. Ltd.: *See*—  
Newbould, Henry G. 2,752,932.
- Tri-State Engineering Co.: *See*—  
Coit, Burton C., Jr. 2,738,940.
- Tri-State Oil Tool Co., Inc.: *See*—  
Vaughn, Alfred. 2,742,092.  
Vaughn, Alfred. 2,755,864.
- Tritt, Russell L.: *See*—  
Cootes, Harold E., and Tritt. 2,765,468.
- Triumph Bekleidungs u. Textilwerke G. m. b. H.: *See*—  
Rander, Paul. 2,738,509.  
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- Trobeck, Karl G., and H. O. V. Bergstrom. Method of treating residual liquors obtained in the manufacture of pulp by the sulphate cellulose process. 2,772,240, 11-27-56, Cl. 252—183.
- Trobridge, Ferdinand M., to United Aircraft Products, Inc. Filler valve for oil tanks. 2,747,602, 5-29-56, Cl. 137—264.
- Troche, Herman J.: *See*—  
Holan, James H., and Troche. 2,772,913.
- Troche, Herman J., and J. H. Holan, to J. H. Holan Corp. Collapsible railing for utility truck tower platform. 2,753,014, 3-6-56, Cl. 304—38.
- Troche, Herman J., and J. H. Holan, to J. H. Holan Corp. Door hinge. 2,754,536, 7-17-56, Cl. 16—128.
- Troeger, Henry: *See*—  
Hoefener, Howard, and Troeger. 2,762,224.
- Troemel, Valter H., to Reeves Pulley Co. Means for balancing the loads on parallel belts. 2,770,978, 11-20-56, Cl. 74—230.17.
- Troendle, Jean A. Apparatus for compressing gases. 2,751,144, 6-19-56, Cl. 230—52.
- Troendle, Jean A. Speed regulator. 2,757,878, 8-7-56, Cl. 242—75.
- Troendy, George D., to The Autovoy Co., Inc. Method of producing stamped steel articles. 2,760,924, 8-28-56, Cl. 204—34.
- Troendy, Harry P., to Borg-Warner Corp. One-way engaging mechanism. 2,744,598, 5-8-56, Cl. 192—45.1.

- Troendly, Harry P., to Borg-Warner Corp. Method of making springs. 2,760,259, 8-28-56, Cl. 29-417.
- Troendly, Harry P., and E. A. Ferris, to Borg-Warner Corp. One-way engaging mechanism. 2,753,027, 7-3-56, Cl. 192-45.1.
- Troeng, Ivan, and G. Callin. Forest cultivator. 2,771,828, 11-27-56, Cl. 97-4.
- Triniov, L. A., to Fairchild Engine and Airplane Corp. Strip material winder. 2,737,354, 3-6-56, Cl. 242-75.
- Trogon, Olin, and K. E. Herold. Hose coupling with braided gripping sleeve. 2,750,210, 6-12-56, Cl. 285-77.
- Troik, Elmer A. Closure member with illuminating means. 2,750,324, 7-24-56, Cl. 240-6.1.
- Troisi, Michael: *See*—  
Harrison, James A., and Troisi. 2,764,860.
- Trojan Powder Co.: *See*—  
Bronstein, Jesse B., Jr., and Wells. 2,735,775.
- Russell, Edward J., and Wells. 2,745,880.
- Striegel, Alvin J., and Wells. 2,731,348.
- Trojnar, Edward J.: *See*—  
Herrick, Clifford E., Jr., Woitach, and Trojnar. 2,722,972.
- Troll, William A., to Emisg Mfg. Co. Presser foot for button sewing machine. 2,768,594, 10-30-56, Cl. 112-113.
- Trombetta, Charles. Cut flower package. 2,736,427, 2-28-56, Cl. 206-45.31.
- Trombetta, Louis P. Circuit breaker. 2,771,530, 11-20-56, Cl. 200-166.
- Tromblay, Omer T. Rain trough for motor vehicle windshield. 2,754,148, 7-10-56, Cl. 296-95.
- Trombley, Raymond F. Drop tube structure. 2,750,079, 12-26-56, Cl. 282-148.
- Trommsdorff, Ernst, G. Abel, and T. Völker, to Rohm & Haas G. m. b. H. Method of soil conditioning. 2,763,961, 9-25-56, Cl. 47-58.
- Troop, Edward A. Methods and apparatus for separating solids having different specific gravities. 2,775,346, 12-25-56, Cl. 209-172.5.
- Tronic, James S. Float controlled valve. 2,756,766, 7-31-56, Cl. 137-397.
- Tronier, Albrecht W., to Voigtländer, A. G. Four component wide angle photographic objective consisting of six lens elements. 2,730,015, 1-10-56, Cl. 88-57.
- Tronnier, Albrecht W., to Voigtländer, A. G. Photographic tele-objective having three lens composite front and rear members. 2,730,017, 1-10-56, Cl. 88-57.
- Tronnier, Albrecht W., to Voigtländer, A. G. Four component optical objective system of the modified Gauss type. 2,733,636, 2-7-56, Cl. 88-57.
- Tronnier, Albrecht W., to Voigtländer, A. G. Photographic objective of the modified triplet type and a meniscus shaped negative member axially separated therefrom. 2,746,351, 5-22-56, Cl. 88-57.
- Tronnier, Albrecht W., to Voigtländer, A. G. Tele-anastigmatic objectives with high light transmitting capacity. 2,748,657, 4-5-56, Cl. 88-57.
- Troppe, Fred J. Wheeled pull-toy. 2,758,418, 8-14-56, Cl. 46-202.
- Trosken, Otto, to Cassella Farberwerke Mainkur Aktiengesellschaft. Fluorescent compounds and process for their manufacture. 2,751,383, 6-19-56, Cl. 260-240.
- Trost, Conrad M. Jet mill. 2,765,122, 10-2-56, Cl. 241-40. Cl. 241-39.
- Trost, Conrad M. Jet mill. 2,765,122, 10-2-56, Cl. 241-40.
- Trotter, William. Mop washing apparatus. 2,741,234, 4-10-56, Cl. 134-199.
- Troth Bright Page, Inc.: *See*—  
Bright, Stanley, Jr. 2,746,360.
- Bright, Stanley, Jr. 2,747,472.
- Trott, Paul W.: *See*—  
Brice, Thomas J., and Trott. 2,732,398.
- Trotta, Richard L. Windshield wiper. 2,750,213, 8-21-56, Cl. 15-25.1.
- Trotter, Martin L. Fuel tank with reserve compartment. 2,733,573, 2-7-56, Cl. 62-1.
- Trotter, Marvin L., and C. W. Jarvis, to M. L. Trotter. Truck body with elevator loading and unloading. 2,752,052, 6-26-56, Cl. 214-77.
- Trotter, Robert L., to Unilever Ltd. Fluid filling machine. 2,745,584, 5-15-56, Cl. 226-96.
- Trousdale, Robert B., to General Dynamics Corp. Tester. 2,736,860, 2-28-56, Cl. 324-57.
- Trousdale, Robert B., to General Dynamics Corp. Transistor multivibrator. 2,737,587, 3-6-56, Cl. 250-36.
- Trousdale, Robert B., to General Dynamics Corp. Pulse generating apparatus. 2,769,085, 10-30-56, Cl. 250-27.
- Trousdale, Robert B., to General Dynamics Corp. Electronic telephone system. 2,773,935, 12-11-56, Cl. 179-15.
- Trousdale, Robert B., to General Dynamics Corp. Telephone system. 2,773,939, 12-11-56, Cl. 179-18.
- Trousdale, Robert B., to General Dynamics Corp. Quasi-regenerative pulse gating circuit. 2,773,982, 12-11-56, Cl. 250-27.
- Trousdale, Robert B., to General Dynamics Corp. Coincidence finding circuit. 2,774,071, 12-11-56, Cl. 179-18.
- Trousdale, Robert B., to General Dynamics Corp. Electronic switch. 2,774,888, 12-18-56, Cl. 307-88.5.
- Trousdale, Robert B., and F. A. Morris, to General Dynamics Corp. Electronic telephone system. 2,773,934, 12-11-56, Cl. 179-15.
- Trout, Taylor. Sound producing fish lure. 2,737,749, 3-13-56, Cl. 43-42.31.
- Troutman, Louis G., to The Babcock & Wilcox Co. Vapor generator. 2,752,898, 7-3-56, Cl. 122-406.
- Troutman, Wilbur E. Outdoor circular band antenna. 2,751,390, 6-19-56, Cl. 343-806.
- Troy, Fay A., and M. Nelson, to Queen Stove Works, Inc. Ice disintegrating and chip delivering spiral ice chip producing machine. 2,753,694, 7-10-56, Cl. 62-106.
- Trow, William, to Pipe-Pac Tobacco Corp. Smoking pipe tobacco cartridge packages. 2,735,543, 2-21-56, Cl. 209-183.
- Trowbridge, David R., to The Plessey Co. Ltd. System for supplying liquid fuel to a combustion chamber. 2,733,569, 2-7-56, Cl. 60-39.14.
- Trowbridge, George W. J., to The Kingston Instrument Co. Ltd. Magnetic retrieving tool. 2,729,494, 1-3-56, Cl. 294-65.5.
- Troxel, David I. Direct comparison harmonic calibrator. 2,738,462, 3-13-56, Cl. 324-79.
- Troy, Daniel J., Jr., to General Electric Co. 2,774,276.
- Troy, Daniel J., Jr., to E. I. du Pont de Nemours and Co. Multi-component photometric analysis. 2,761,067, 8-28-56, Cl. 250-43.5.
- Troy, Leonard. Master cylinder for automotive brake systems. 2,739,448, 3-27-56, Cl. 60-54.6.
- Troy Sunshade Co., The: *See*—  
Roth, Alice L., and Witty. 2,731,973.
- Troy Textiles, Inc.: *See*—  
Campbell, Richard D., and Teal. 2,749,858.
- Troyano, Benedict V. Valve control means. 2,746,060, 5-22-56, Cl. 4-67.
- Troyer, Marc D., to Berger Engineering Co. Log loading tong. 2,757,037, 7-31-56, Cl. 294-58.
- Trozier, Friedrich J., to Radio Patents Co. of New York State. Multiple luminous indicator. 2,734,189, 2-7-56, Cl. 340-380.
- Tru Balance Corsets, Inc.: *See*—  
Goldstein, Arthur. 2,733,444.
- Trubenised Co. (Registered Trust): *See*—  
Bihaly, Lajos. 2,741,771.
- Bihaly, Lajos. 2,757,435.
- Bihaly, Lajos. 2,768,592.
- Trub, Louis, to E. S. Pass. Furniture slip covers. 2,771,939, 11-27-56, Cl. 155-182.
- Truby, Frank K., to Bausch & Lomb Optical Co. Method and apparatus for coating by thermal evaporation. 2,762,722, 9-11-56, Cl. 117-106.
- Truck Equipment Co.: *See*—  
Walter, Robert J. 2,745,677.
- Garnett, Edward V. 2,759,682.
- Truck Safety Engineering Corp.: *See*—  
Besoyan, Kirk. 2,730,196.
- Tru Color Film, Inc.: *See*—  
Burt, Gordon H. 2,770,542.
- Tru Connector Corp.: *See*—  
Zink, Alvin J., Jr. 2,767,267.
- Trudeau, Oscar H.: *See*—  
Cannon, Harry B., and Trudeau. 2,766,852.
- Trudell, Richard J.: *See*—  
Whiting, Arthur A., Jr., Trudell, and Glass. 2,730,402.
- True, Charles H., Jr., and H. W. King, to Spotnails, Inc. Magazine and feed means for fastener driving machines. 2,734,192, 2-14-56, Cl. 1-46.
- True Mfg. Co.: *See*—  
Trulaske, Frank R. 2,741,101.
- True, Martin E. Lawn trimmer and edger. 2,739,437, 3-27-56, Cl. 56-25.4.
- True, Martin E. Lawn mower and trimmer. 2,771,730, 11-27-56, Cl. 56-25.4.
- True, Max M. Apparatus for mixing and dispensing an adhesive plasticized material. 2,743,912, 5-1-56, Cl. 259-189.
- True, Max M. Gun for directing plastic material against work. 2,747,846, 5-29-56, Cl. 259-151.
- True, Ronald G., to American Air Filter Co., Inc. Electrostatic filter. 2,729,302, 1-3-56, Cl. 183-7.
- True, Virgil, and J. Fisk. Automatic impedance matching apparatus. 2,745,067, 5-8-56, Cl. 333-17.
- True Form Corset Co., Inc.: *See*—  
Barg, Herbert. 2,735,101.
- Trueman, Paul T.: *See*—  
Robinson, Grant R., and Trueman. 2,754,752.
- Truesdale, Cavour L. Draw curtain construction. 2,736,373, 2-28-56, Cl. 160-124.
- Trussell, Leonard C. Metering device. 2,733,802, 2-7-56, Cl. 194-9.
- Trussell, Leonard C. Metering device. 2,733,803, 2-7-56, Cl. 194-9.
- True Temper Corp., The: *See*—  
Yachson, George. 2,754,863.
- True-Trace Corp.: *See*—  
Rosebrook, Orel L. 2,743,584.
- Rosebrook, Roy. 2,753,145.
- Trulaske, Frank R., to True Mfg. Co. Cooling cabinet. 2,741,101, 4-10-56, Cl. 62-116.
- Trulove, Fred V. Indicator for fire extinguisher. 2,748,144, 6-5-56, Cl. 116-114.
- Tru-Measur, Inc.: *See*—  
McCrory, John F. 2,772,025.
- Trump, John G., and R. J. van de Graaff, to High Voltage Engineering Corp. Irradiation method and apparatus. 2,741,704, 4-10-56, Cl. 250-49.5.
- Trumpio, Frank P., to Textile Machine Works. Fabric take-up means for knitting machines. 2,760,362, 8-28-56, Cl. 66-149.



- Trumpler, William E., to Dresser Operations, Inc. Movable guide vanes for centrifugal compressors. 2,733,853, 2-7-56, Cl. 230-114.
- Trupp, Malcolm S.: *See*—  
Beals, Ernest L. and Trupp. 2,765,256.
- Truran, George H., to Modine Mfg. Co. Apparatus for removing soldering flux from radiator cores. 2,765,761, 10-9-56, Cl. 113-59.
- Trurait, Walter. Machine for forming threads by reciprocating hammer dies. 2,733,458, 2-7-56, Cl. 10-153.
- Truster, Ralf B., to The Davies-Young Soap Co. Method of drying cleaning fabric and simultaneously rendering the same antistatic. 2,729,576, 1-3-56, Cl. 117-47.
- Trustov, Grover C., and J. D. Trustov. Condenser tape tension device. 2,736,927, 3-6-56, Cl. 19-151.
- Trustov, Jake D.: *See*—  
Trustov, Grover C. and J. D. 2,736,927.
- Trussell, Clarence D. Manufacture of mechanical bindings. 2,749,603, 6-12-56, Cl. 29-415.
- Trussell, Roger B. Combination pair of adjustable shims for automobile camber and caster control. 2,772,596, 12-4-56, Cl. 85-50.
- Trusty, Roy L., and R. E. Nystrom, to Esso Research and Engineering Co. Process and apparatus for treating hydrocarbon oils with immiscible reagents. 2,765,123, 10-23-56, Cl. 196-45.
- Truter, Ehrenfried. Floating attachment for bicycles. 2,757,631, 8-7-56, Cl. 115-2.
- Truth Tool Co.: *See*—  
Stavenau, Harold L., and Park. 2,775,446.
- Trutna, William K.: *See*—  
Cheshire, John R., and Trutna. 2,751,415.
- Truzzolino, John: *See*—  
Maickel, Joseph A. 2,764,106.
- Tryon, Robert M.: *See*—  
Davis, Donovan C., and Tryon. 2,769,084.
- Tsai, Chang-Kaing, to General Mills, Inc. Precision thermostatic switch. 2,740,864, 4-3-56, Cl. 200-138.
- Tsai, Chang-Kaing, to General Mills, Inc. Thermal switch and improved thermal actuator. 2,742,547, 4-17-56, Cl. 200-138.
- Tsang, Sien M.: *See*—  
Lecher, Hans Z., and Tsang. 2,752,333.
- Tschudi, Traugott. Rotary internal combustion engine. 2,734,489, 2-14-56, Cl. 123-11.
- Tschudi, Donald B., to The Hoover Co. Handle and exhaust mounting structures for suction cleaners. 2,734,220, 2-14-56, Cl. 15-410.
- Tschudy, Donald B., to The Hoover Co. Suction cleaners. 2,747,216, 5-29-56, Cl. 15-351.
- Tse, Sum F.: *See*—  
Janaushek, George F., and Tse. 2,758,537.
- Tseng, Hung-Tu. Keyless three way light socket. 2,745,950, 5-15-56, Cl. 240-81.
- Tsiang, Sih H., to Westinghouse Air Brake Co. Alternating current cycle repeater for time measuring means. 2,763,775, 9-18-56, Cl. 246-108.
- Tsien, Wei H., to Radio Corp. of America. Speed changing mechanisms for phonograph turntables and the like. 2,756,603, 7-31-56, Cl. 74-199.
- Tsuchiya, Henry M.: *See*—  
Corman, Julian, Tsuchiya, and Stringer. 2,742,365.
- Tsuchiya, A. K., to A. R. James, H. M. Bricker, and C. A. Wilham, to the United States of America as represented by the Secretary of Agriculture. Production of dextranase. 2,742,399, 4-17-56, Cl. 195-31.
- Tsuchiya, William S.: *See*—  
Rasmussen, Clarence T., and Tsuchiya. 2,759,312.
- Tsunoda, Kenneth B., to American Messer Corp. Process and apparatus for separating gases. 2,763,138, 9-18-56, Cl. 62-123.
- Tabbs, Alfred M., and E. R. Leonard. Combined chair and table. 2,741,300, 4-10-56, Cl. 155-123.
- Tabbs, Bernard H., F. B. Nagle, and P. C. Woodland, to The Dow Chemical Co. Vinyl aromatic resin compositions containing a plurality of light stabilizing agents. 2,732,366, 1-24-56, Cl. 260-45.8.
- Tubasing, William W.: *See*—  
Siverson, Harry E., Hauer, and Tubasing. 2,737,830.
- Tube Turns Plastics, Inc.: *See*—  
Hendry, James W. 2,746,089.
- Hendry, James W. 2,754,545.
- Tubtolo, Justin L. Liquid detergent dispenser. 2,770,242, 11-13-56, Cl. 134-48.
- Tuboscope Co.: *See*—  
Price, Berry G. 2,746,012.
- Price, Berry G. 2,746,160.
- Tubular Textile Machine Corp.: *See*—  
Thompson, Daniel V. 2,737,700.
- Tuchel, Ulrich. Coupling for electric cables. 2,753,408, 2-3-56, Cl. 200-51.09.
- Tuchel, Ulrich. Couplings for electric conductors. 2,763,848, 9-18-56, Cl. 339-258.
- Tuchel, Ulrich. Electric coupling. 2,765,449, 10-2-56, Cl. 339-184.
- Tuchel, Ulrich. Electric contacts. 2,765,452, 10-2-56, Cl. 339-258.
- Tuck, James A., to Louis Krantz, deceased; Leon and H. Krantz, executors. Machine for scoring apparel belt and like strap bodies. 2,775,296, 12-25-56, Cl. 164-39.
- Tuck, Robert M., to General Motors Corp. Fluid torque converter construction. 2,735,267, 2-2-56, Cl. 60-54.
- Tuck, Ruth G. Structural assembly kit. 2,771,110, 11-20-56, Cl. 144-309.
- Tucker, Aaron D. Smoking pipe. 2,734,514, 2-14-56, Cl. 131-198.
- Tucker, Billie E., to Sun Oil Co. Reagent well feeder. 2,757,742, 8-7-56, Cl. 166-165.
- Tucker, Charles M., and W. G. Chapman, to Phillips Petroleum Co. Production of high conversion plasticized synthetic elastomers in aqueous emulsion. 2,763,635, 9-18-56, Cl. 260-84.3.
- Tucker, Emmitt M., Jr., to Tucker & Sons. Chain and worm gear drive tractor. 2,765,862, 10-9-56, Cl. 180-51.
- Tucker, Fred A.: *See*—  
Bode, August B., and Tucker. 2,750,085.
- Tucker, George E.: *See*—  
Kilbey, Alfred R., and Tucker. 2,745,959.
- Tucker, George G.: *See*—  
Hubbard, Eber J., and Tucker. 2,767,936.
- Tucker, George H., Sr. Costume jewelry and the like. 2,733,578, 2-7-56, Cl. 63-29.
- Tucker, Graham H.: *See*—  
Stephens, Herbert R., Tucker, and Martin. 2,737,296.
- Tucker, Herbert E., to Cardwell Westinghouse Co. Draft gears for railway cars. 2,738,078, 8-13-56, Cl. 213-45.
- Tucker, John G.: *See*—  
Ogden, Floyd H., and Tucker. 2,760,779.
- Tucker, Joseph W., to American Cyanamid Co. Apparatus for producing staple fibers. 2,765,035, 10-2-56, Cl. 164-38.
- Tucker, Lyman J.: *See*—  
Noel, Charles D., and Tucker. 2,749,877.
- Tucker, Philip C.: *See*—  
Ball, Albert L., Buckner, and Tucker. 2,740,239.
- Tucker, Raymond K.: *See*—  
Nagel, Eric W., Tucker, and Shank. 2,737,943.
- Tucker & Sons: *See*—  
Tucker, Emmitt M., Jr. 2,765,862.
- Tucker, Welsey L., to T' and N Valve Co. Double action pumps. 2,729,170, 1-3-56, Cl. 103-190.
- Tuckerman, Charles D. Fill pipe box and gauge box. 2,737,206, 3-6-56, Cl. 138-89.
- Tudor, Chester A., to The Ohio Crankshaft Co. High-frequency inductor arrangement. 2,758,187, 8-7-56, Cl. 219-10.33.
- Tadbury, Chester A., to The Ohio Crankshaft Co. High-frequency inductor. 2,761,048, 8-28-56, Cl. 219-10.43.
- Tudge, Thomas T.: *See*—  
Hawkins, Harvey G., and Tudge. 2,743,752.
- Tudor, Bert E. Torsionally resilient annular fastening member. 2,771,768, 11-27-56, Cl. 70-457.
- Tudor Metal Products Corp.: *See*—  
Modica, Joseph, Jr. 2,772,512.
- Tudor, Donald D., to Olin Mathliessen Chemical Corp. Mold. 2,767,449, 12-14-56, Cl. 219-144.
- Turaro, Amalia. Multiple unit dusting, cleaning, and polishing mites. 2,736,052, 2-28-56, Cl. 15-227.
- Tuft, Miles H., to Hardie Mfg. Co. Spraying machine. 2,762,651, 9-11-56, Cl. 299-29.
- Tufts, John L., to L. M. Leathers Sons. Pants guard. 2,739,745, 3-27-56, Cl. 223-98.
- Tulagin, Vsevolod, to General Aniline & Film Corp. Photographically sensitive element containing yellow non-fluorescing dyes. 2,750,291, 6-12-56, Cl. 95-8.
- Tulin, Glenn P. Tandem wheel axle mounting for trailer. 2,754,181, 10-56, Cl. 280-104.5.
- Tull, William J., to the United States of America as represented by the Secretary of the Navy. Gyromagnetic compass. 2,761,219, 9-4-56, Cl. 33-222.
- Tullar, Benjamin F.: *See*—  
Larsen, Aubrey A., and Tullar. 2,773,901.
- Tullar, Benjamin F., to Sterling Drug Inc. 1-arterenol and its acid-addition salts and preparation thereof. 2,774,789, 12-18-56, Cl. 260-570.6.
- Tulleners, Egbertus L. Cooling machine with jet compressors. 2,763,998, 9-25-56, Cl. 62-117.65.
- Tuller, Clarence E., and F. J. Hickman, to North Electric Co. Machine for making contact-carrying member. 2,733,326, 1-31-56, Cl. 219-4.
- Tullio, John M. Football game device. 2,760,776, 8-28-56, Cl. 273-94.
- Tulloch, Charles W.: *See*—  
Coffman, Donald D., and Tulloch. 2,757,213.
- Tulloch, Rees E., Jr. Method of producing an optically clear polyethylene film. 2,763,029, 9-18-56, Cl. 18-47.5.
- Tully, Charles F. Means for extracting teeth. 2,771,676, 11-27-56, Cl. 32-62.
- Tully, Geoffrey R., Jr.: *See*—  
Saddington, Arthur W., and Tully. 2,742,423.
- Tummes, Hans: *See*—  
Feichtinger, Hans, and Tummes. 2,740,815.
- Feichtinger, Hans, and Tummes. 2,749,340.
- Tune, Edward T.: *See*—  
Hawley, George P., and Tune. 2,774,625.
- Tung-Sol Electric Inc.: *See*—  
Atkins, Carl E. 2,730,629.
- Cater, John R. 2,756,313.
- Lewin, Gerhard. 2,773,730.
- Tunley, Allan A., to Baker Perkins Inc. Biscuit cutting machines and the like. 2,753,817, 7-10-56, Cl. 107-26.
- Tunnell, Jack B., to Hickory Springs Mfg. Co. Inc. Spring unit for platform rocking chair. 2,772,723, 12-4-56, Cl. 155-11.
- Tunnick, Eustace, and R. Barlow, to British Insulated Callender's Cables Ltd. Extrusion of thermoplastic material. 2,732,592, 1-31-56, Cl. 18-35.

- Tunsen, Elmer L., to Jo-NoJoint Concrete Pipe Co. Apparatus for forming concrete pipe in situ. 2,731,698, 1-24-56, Cl. 25-32.
- Tunstall, Spencer. Bobbin signal. 2,760,024, 8-21-56, Cl. 200-61.15.
- Tupa, Robert C.: See—  
Pay, Philip S., Tupa, and Decker. 2,766,615.
- Tupper, Earl S. Combined massaging and brushing implement. 2,752,623, 7-3-56, Cl. 15-111.
- Tupper, Earl S. Rectangular container and hermetical seal therefor. 2,752,970, 7-3-56, Cl. 150-0.5.
- Tupper, Earl S. Food shaker. 2,752,971, 7-3-56, Cl. 150-0.5.
- Tupper, Earl S. Container and cover therefor. 2,752,972, 7-3-56, Cl. 150-0.5.
- Tupper, Earl S. Hinged and swivelable seal and strainer. 2,753,051, 7-3-56, Cl. 210-163.5.
- Tupper, Earl S. Storage container lock cover. 2,756,793, 7-31-56, Cl. 150-0.5.
- Tupper, Earl S. Hinged type of closure seal. 2,764,199, 9-25-56, Cl. 150-0.5.
- Tupper, Earl S. Food storer and dispenser. 2,765,831, 9-25-56, Cl. 150-0.5.
- Tupper, Earl S. Mixing bowl. 2,765,832, 10-9-56, Cl. 150-0.5.
- Tupper, Earl S. Vacuum and seal type of receptacle. 2,766,796, 10-16-56, Cl. 150-0.5.
- Turak, Anthony. Double valve flow control. 2,733,730, 2-7-56, Cl. 137-505.13.
- Turak, Anthony. Flow-rate control dispensing valve. 2,733,731, 2-7-56, Cl. 137-597.
- Turak, Anthony. Gang dispensing valve. 2,737,737, 10-23-56, Cl. 137-597.
- Turbett, Clyde H. Can opener key and strip guide. 2,769,567, 11-6-56, Cl. 220-52.
- Turbine Equipment Co.: See—  
Hopper, Allen O. 2,731,151.
- Hynes, Lee P. 2,736,820.
- Hynes, Lee P. 2,775,682.
- Tholl, John F. and D. M. 2,761,564.
- Turbville, James R. Device for measuring length of trousers. 2,767,471, 10-23-56, Cl. 33-8.
- Turbo A. G.: See—  
Cockerell, Fritz. 2,765,616.
- Turbo Machine Co.: See—  
Wyatt, William K. 2,748,426.
- Turbo-Ray, Inc.: See—  
Borg, Gustave A., and Barton. 2,731,242.
- Turchan, Frank. Sausage loaf mold. 2,767,642, 10-23-56, Cl. 99-438.
- Turchan, Manuel. Three dimension tracer. 2,745,624, 5-15-56, Cl. 251-3.
- Turchan, Manuel. Hydraulic tracer controlled routing machine. 2,749,810, 6-12-56, Cl. 90-13.5.
- Turchick, Joseph M., to American Radiator & Standard Sanitary Corp. Knob-operated damper control. 2,764,930, 10-2-56, Cl. 98-106.
- Turck, Joseph A. V., to Felt & Tarrant Mfg. Co. Total transfer mechanism. 2,734,683, 2-14-56, Cl. 235-62.
- Turck, Joseph A. V., to Felt and Tarrant Mfg. Co. Key-responsive adding and subtracting calculating machine. 2,759,671, 8-21-56, Cl. 235-63.
- Tureco Products, Inc.: See—  
Edds, Richard V. 2,762,150.
- Joyless, Jack F. 2,766,065.
- Nelson, Oscar G. 2,760,644.
- Newman, Kenneth W. 2,739,883.
- Newman, Kenneth W. 2,762,694.
- Turcotte, Edward P. Brush cutting knife. 2,737,454, 8-7-56, Cl. 300-309.
- Turcsan, Rosy: See—  
Berkowicz, Josefina, and Turcsan. 2,772,460.
- Tureaud, Aloysius K.,  $\frac{1}{2}$  to L. A. Ward, and  $\frac{1}{2}$  to G. H. Broderick. Palm-pad for bowling. 2,738,190, 3-13-56, Cl. 275-54.
- Turechek, George F., to Lane-Wells Co. Gun perforators. 2,742,857, 4-24-56, Cl. 102-20.
- Turgeon, Joseph A., to Eastern Power Devices Ltd. High tension disconnecting switch. 2,774,832, 12-18-56, Cl. 100-48.
- Turinsky, Otto, to Armour and Co. Mono-acyl derivatives of alkylene diamines and process for preparing same. 2,750,366, 6-12-56, Cl. 260-97.5.
- Turissia-Nachmaschinenfabrik A. G.: See—  
Urscheler, Emil. 2,755,754.
- Turkington, John O. Asparagus harvesting machine. 2,767,544, 10-23-56, Cl. 56-327.
- Turkington, Robert D.: See—  
Schneid, Charles, and Turkington. 2,771,246.
- Turkowski, Bernice: See—  
Turkowski, Walter. 2,756,815.
- Turkowski, Walter. 2,774,418.
- Turkowski, Walter, to W. and B. Turkowski. Vertical Venetian blinds. 2,756,815, 7-31-56, Cl. 160-118.
- Turkowski, Walter, to W. and B. Turkowski. Construction of Venetian blinds. 2,774,418, 12-18-56, Cl. 160-118.
- Turley, Joseph D., to General Motors Corp. Engine manufacturing process. Re. 24,262, 12-25-56, Cl. 29-428.
- Turley, Joseph D. Means for destroying a sweep wire. 2,764,090, 9-25-56, Cl. 102-17.
- Turley, Joseph D., to General Motors Corp. Valve actuating mechanism. 2,765,781, 10-9-56, Cl. 123-55.
- Turley, James F., to The Thomas & Betts Co. Copper aluminum connector. 2,757,352, 7-31-56, Cl. 339-276.
- Turnage, Howard C.: See—  
Haywood, Vernon M., Cayotte, and Turnage. 2,742,638.
- Turner, Roger E., Jr., to Hazeltine Research, Inc. System for deriving a signal representative of impedance variations. 2,756,411, 7-24-56, Cl. 340-208.
- Turnbull, Glen O., and C. C. Evers, to International Harvester Co. Grain tank discharge conveyor for harvesters. 2,743,571, 5-1-56, Cl. 56-473.5.
- Turnbull, John S., to Metropolitan-Vickers Electrical Co. Ltd. Shaping of metal articles. 2,738,571, 3-20-56, Cl. 29-156.8.
- Turnbull, William G., Jr.: See—  
Hudson, Thomas, and Turnbull. 2,745,309.
- Dalton, John F., Fischer, and Turnbull. 2,770,692.
- Turner, Alonzo R., to Turner Corp. Lift hinge for automobiles. 2,743,476, 5-1-56, Cl. 16-141.
- Turner, Alonzo R. Portable stapling machine. 2,746,042, 5-22-56, Cl. 1-44.
- Turner, Charles C.,  $\frac{1}{2}$  to G. S. Aldhizer, II. Humane tail set. 2,763,111, 9-18-56, Cl. 54-78.
- Turner, Clarence M., to the United States of America as represented by the United States Atomic Energy Commission. Fusion ion electrostatic accelerator. 2,762,941, 9-11-56, Cl. 313-63.
- Turner Corp.: See—  
Turner, Alonzo R. 2,743,476.
- Turner, Cullen J.: See—  
Haddock, Earl. 2,739,624.
- Turner, Dennis R., to Westinghouse Electric Corp. Zinc cyanide electrolyte. 2,757,134, 7-31-56, Cl. 204-55.
- Turner, Dennis R., to Westinghouse Electric Corp. Electrodeless copper electrolytes containing dithiocarbamate addition agents. 2,773,022, 12-4-56, Cl. 204-52.
- Turner, Denys G.: See—  
Balkin, Mark, and Turner. 2,729,860.
- Turner, Edgar P., to The Singer Mfg. Co. Electric power transmitters. 2,739,580, 3-27-56, Cl. 192-18.
- Turner, Edgar P., to The Singer Mfg. Co. Evaporative cooling systems for electric motors. 2,743,384, 4-24-56, Cl. 310-54.
- Turner, Edgar P. Window construction. 2,758,343, 8-14-56, Cl. 20-53.
- Turner, Edgar P., to The Singer Mfg. Co. Clutch-brake driving mechanisms. 2,763,352, 9-18-56, Cl. 192-18.
- Turner, Edgar P., and N. H. Sailer, to The Singer Mfg. Co. Alignment adjustment devices for drag cup motors. 2,737,299, 7-31-56, Cl. 310-266.
- Turner, Edward T.: See—  
Garner, Elwyn M., and Turner. 2,760,660.
- Turner, Edwin E., Jr., to Raytheon Mfg. Co. Position recorder. 2,750,247, 6-12-56, Cl. 346-8.
- Turner, Ernest C.: See—  
Grange, Raymond A., and Turner. 2,745,776.
- Turner, G. R., Ltd.: See—  
Bloomer, Alfred G. 2,753,983.
- Turner, George L. H. Ball game device. 2,736,559, 2-28-56, Cl. 273-125.
- Turner, George L.: See—  
Boylan, Wendell E., and Turner. 2,734,752.
- Lapsley, Robert, and Turner. 2,732,022.
- Turner Hall Corp.: See—  
Schwarz, Milton H., and Shansky. 2,742,909.
- Turner, Harold H., to The Ingersoll Milling Machine Co. Multiple shoe friction clutch. 2,736,410, 2-28-56, Cl. 192-35.
- Turner, Harry M.: See—  
Cousino, Walter F. 2,729,229.
- Turner, Herbert H. Rotary type excavating device for loading machine. 2,748,505, 6-5-56, Cl. 37-96.
- Turner, Howard B., to Rectoria Pressed Steel Corp. Universal ball and socket joint. 2,763,500, 9-18-56, Cl. 287-12.
- Turner, Hubert L., to Union Carbide and Carbon Corp. Processes of electrolytic polishing of metals. 2,752,305, 6-26-56, Cl. 20-149.5.
- Turner, James E., and W. H. Barmann, to Flynn & Enrich Co. High pressure fluid motor. 2,752,756, 7-3-56, Cl. 60-97.
- Turner, James H. Combination sled and portable shelter. 2,737,397, 3-6-56, Cl. 280-12.
- Turner, James H. Transmission lifting attachment for a mobile lifting jack. 2,747,887, 5-29-56, Cl. 25-184.
- Turner, James O. Chair construction. 2,731,077, 1-17-56, Cl. 155-187.
- Turner, Lloyd E., to the United States of America as represented by the Secretary of the Navy. Gear testers. 2,731,728, 1-24-56, Cl. 33-179.5.
- Turner, Luther B.: See—  
Welch, Lester M., Wilson, and Turner. 2,729,626.
- Turner, Lyman H., to General Motors Corp. Regulating valve for jet pumps. 2,761,389, 9-4-56, Cl. 103-23.
- Turner Machine Co., Inc.: See—  
Wheeler, Leland D., and Swanson. 2,768,688.
- Turner, Marshall C., and T. Niles, to Phillips Petroleum Co. Deep well pump. 2,747,511, 5-29-56, Cl. 103-46.
- Turner, Miles, and R. Mayo, to The Haloid Co. Brush cleaning device. 2,751,616, 6-26-56, Cl. 15-77.
- Turner, Milton L., to Keyes Fibre Co. Pulp molding. 2,752,829, 7-3-56, Cl. 92-56.
- Turner, Norman L.: See—  
Lundgren, William E. 2,754,851.
- Turner, Percy P., Jr., and L. J. Jones, to Thompson Products, Inc. Method of producing titanium carbide and article thereof. 2,751,668, 6-26-56, Cl. 29-182.8.



- Turner, Percy P., Jr., and L. J. Jones, to Thompson Products, Inc. Method of making NIAL. 2,755,184, 7-17-56, Cl. 75-224.
- Turner, Percy P., Jr., and R. R. Ruppender, to Thompson Products, Inc. Corrosion and impact-resistant article. 2,763,920, 9-25-56, Cl. 29-198.
- Turner, Percy P., Jr., and R. R. Ruppender, to Thompson Products, Inc. Corrosion and impact resistant article and method of making same. 2,763,921, 9-25-56, Cl. 29-198.
- Turner, Ralph M. Jarring tools. 2,749,548, 6-12-56, Cl. 1-41.
- Turner, Ransom H., to Mergenthaler Linotype Co. Typographical composing and casting machines. 2,767,827, 10-23-56, Cl. 199-30.
- Turner, Richard: See—
- Herbert, Alfred E., Woods, and Turner. 2,736,944.
- Herbert, Alfred E., Woods, and Turner. 2,768,797.
- Turner, Richard G., to Crompton & Knowles Loom Works. Loom operating with stationary weft supply. 2,770,261, 11-13-56, Cl. 139-126.
- Turner, Richard L. Foldable viewer for stereoscopic pictures. 2,757,978, 8-7-56, Cl. 88-29.
- Turner, Terry E., to Sprague Electric Co. Electrolytically etched condenser electrode. 2,755,237, 7-17-56, Cl. 204-33.
- Turner, Terry E., to Sprague Electric Co. Electrolytic etching and oxidizing of aluminum. 2,755,238, 7-17-56, Cl. 204-33.
- Turner, Thomas F., to Sierra Electronic Corp. Directional coupler. 2,770,779, 11-13-56, Cl. 383-10.
- Turner, Thomas W. Combined food cooker and warmer. 2,737,851, 3-13-56, Cl. 99-69.
- Turbin, Walter E., and E. B. Whitehead, to Atlantic Carton Corp. Carrier for bottles and the like. 2,746,639, 5-22-56, Cl. 220-113.
- Turner, Will J., and J. C. Cole, to Phillips Petroleum Co. Reverse rotation arrestor. 2,750,007, 6-12-56, Cl. 188-8277.
- Turner, William D., P. Checkovich, and A. J. Shukis, to Airkem, Inc. Vapor diffusing devices. 2,738,224, 3-13-56, Cl. 299-24.
- Turner, William J. Auto bed for infant. 2,735,113, 2-21-56, Cl. 5-94.
- Turpie, Alexander: See—
- Robinson, Norman W., Turpie, and Hutchinson. 2,757,810.
- Turrall, George: See—
- Murrell, John T., and Turrall. 2,754,958.
- Tursky, Charles M. Fuel oil filters. 2,737,299, 3-6-56, Cl. 210-184.
- Tursky, Charles M. Fluid filter. 2,748,950, 6-5-56, Cl. 210-184.
- Tursky, Charles M. Filter apparatus. 2,754,005, 7-10-56, Cl. 210-184.
- Tursky, Charles M. Self-cleaning fluid filters. 2,761,566, 9-4-56, Cl. 210-169.
- Tursky, Charles M. Liquid filters. 2,765,084, 10-2-56, Cl. 210-184.
- Turtle, Rupert C., to Arens Controls Ltd. Drive control and transmitting mechanism. 2,770,454, 11-13-56, Cl. 208-21.
- Turvey, William G., to Universal Oil Products Co. Bellows pump. 2,735,369, 2-21-56, Cl. 103-44.
- Tuscher, Jean E., to Sebem S. A. Hydraulic governor. 2,756,982, 7-31-56, Cl. 264-14.
- Tuscher, Jean E., to Sebem S. A. Hydraulic governors. 2,764,916, 7-31-56, Cl. 125-140.
- Tusly, Joseph H. Illuminated stairway. 2,756,323, 7-24-56, Cl. 240-2.
- Tutt, Leo H. Ceiling outlet box with positioning means. 2,730,261, 1-10-56, Cl. 220-3.7.
- Tutt, Richard D., to Allied Thermal Corp. Diffuser. 2,750,865, 6-19-56, Cl. 98-40.
- Tutt, Richard D., and G. T. Davis, to Allied Thermal Corp. Air diffuser. 2,736,255, 2-28-56, Cl. 98-40.
- Tuttle, Clifton M. and N. R., to Kenyon Instrument Co., Inc. Rapid processing of positive photographic images. 2,755,715, 7-1-56, Cl. 95-14.
- Tuttle, Daniel V., to Tuttle & Kift, Inc. Control system for plurality of spaced electrical switches. 2,775,715, 12-25-56, Cl. 307-96.
- Tuttle, Earl. Ice fishing rig. 2,732,649, 1-31-56, Cl. 43-17.
- Tuttle, George D., to O. M. Scott and Sons Co. Spreader. 2,753,086, 7-2-56, Cl. 222-177.
- Tuttle, Harold W., Jr.: See—
- Averill, Charles C., and Tuttle. 2,730,603.
- Tuttle, J. N., Inc.: See—
- Tuttle, James N. 2,748,549.
- Tuttle, James B., and J. H. Wyss, to Coopers Inc. Hoisery container. 2,755,924, 7-24-56, Cl. 206-80.
- Tuttle, James C. Tree and stone grubber. 2,734,290, 2-14-56, Cl. 37-2.
- Tuttle, James N., to J. N. Tuttle, Inc. Method of coating relatively small metallic parts. 2,748,549, 6-5-56, Cl. 51-282.
- Tuttle, John N.: See—
- Johnson, Oscar W., and Tuttle. 2,761,584.
- Tuttle & Kift, Inc.: See—
- Shroyer, Jacob L. 2,765,391.
- Tuttle, Daniel V. 2,775,715.
- Tuttle, Malcolm H., to Hydrocarbon Research, Inc. Burners for the production of synthesis gas. 2,735,482, 2-21-56, Cl. 158-118.
- Tuttle, Neil R.: See—
- Tuttle, Clifton M. and N. R. 2,755,715.
- Tuttle, Robert S.: See—
- Hull, Charles J., and Tuttle. 2,732,801.
- Tutwiler, Thomas S.: See—
- Edson, Murray H., and Tutwiler. 2,769,790.
- Hollyday, William C., Jr., Tutwiler, and Ford. 2,748,083.
- Tuxco Corp.: See—
- Biomgren, Oscar C. 2,759,776.
- Biomgren, Oscar C., and O. C. Jr. 2,759,426.
- Twardokus, Edward R.: See—
- Knox, William J., Jr., Twardokus, and Davis. 2,739,891.
- Twardowski, John J. Instrument for setting dial gauges. 2,748,488, 6-5-56, Cl. 33-147.
- Tweedale, Ralph L. Clock. 2,760,333, 8-28-56, Cl. 58-125.
- Tweedie, Charles J. Saw chain linkage. 2,762,227, 9-11-56, Cl. 74-249.
- Tweedie, Charles J. Chain saws. 2,774,395, 12-18-56, Cl. 143-32.
- Twedy, James W.: See—
- Stone, Thomas W., and Twedy. 2,769,934.
- Twentieth Century-Fox Film Corp.: See—
- Faulkner, Carlton W. 2,768,237.
- Twenty, Charles R.: See—
- Harmon, Clement R., and Twenty. 2,774,640.
- Twibhaus, Robert C., and Q. T. Prindle, to Columbia-Southern Chemical Corp. Production of benzene hexachloride in iron reaction chambers. 2,744,145, 5-1-56, Cl. 280-648.
- Twigg, Lester A., Jr., to the United States of America as represented by the Secretary of the Navy. Waveguide coupling clamp with spring aligning means. 2,738,207, 3-13-56, Cl. 285-129.
- Twin Coach Co.: See—
- Fagel, Louis J. 2,773,304.
- Twinam, Joseph R.: See—
- Puerner, George O., and Twinam. 2,759,158.
- Twincos Ltd.: See—
- Laughton, Malcolm. 2,747,746.
- Taylor, Michael B. 2,774,096.
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- Twining, Homer L. Portable testing apparatus for drilling mud additives. 2,733,595, 2-7-56, Cl. 73-38.
- Twombly, John F., to Norton Co. Sandpaper. 2,768,886, 10-30-56, Cl. 51-295.
- Twomey, Jeremiah F., and F. H. Peto. Agricultural composition. 2,768,889, 10-30-56, Cl. 71-2.4.
- Twyman, Clarence W. Reinforced flexible wall valve structure. 2,755,060, 7-17-56, Cl. 251-342.
- Tydemann, Clarence W. Valves for the control of hydraulic machinery. 2,765,808, 10-9-56, Cl. 137-822.
- Tye, Fred. Machine for putting fluid fertilizer into the soil. 2,731,901, 1-24-56, Cl. 97-235.
- Tyger, Clarence. Gravel and sand washer and concentrator. 2,773,594, 12-11-56, Cl. 209-13.
- Tygh, Robert L. Swing hook. 2,743,895, 5-1-56, Cl. 248-341.
- Tyler, Arthur W., and R. E. Klaus, to Eastman Kodak Co. Photographic sensitizer. 2,763,192, 9-18-56, Cl. 95-10.
- Tyler, Donald M. Rotary kiln apparatus. 2,742,277, 4-17-56, Cl. 210-33.
- Tyler, Edward P., and A. E. Goodman. Compression braking system for internal combustion engines. 2,744,510, 5-8-56, Cl. 123-97.
- Tyler, Floyd W. Filling device for grease guns. 2,768,661, 10-30-56, Cl. 141-357.
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- Tyler, Russell D., and J. M. Whitmore, to General Motors Corp. Torquemeter. 2,766,617, 10-16-56, Cl. 73-138.
- Tyler, Tracy B. Motion converting and transmitting apparatus. 2,774,257, 12-18-56, Cl. 74-752.
- Tyler, Truman V., to North American Aviation, Inc. Method and apparatus for bending C-stage postformable plastic material. 2,739,936, 3-27-56, Cl. 154-1.8.
- Tyler, Truman V., to North American Aviation, Inc. Method and device for bending C-stage postformable plastic material. 2,739,637, 3-27-56, Cl. 154-1.8.
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- Tyree, Andrew T., to Modern Metal Craftsmen, Inc. Tubular support for awning roofs. 2,767,669, 10-23-56, Cl. 108-1.
- Tyree, Joseph T.: See—
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- Tyson, Charles W., to Esso Research and Engineering Co. Two stage high octane gasoline product. 2,769,769, 11-6-56, Cl. 196-49.

- Tyson, Earl. Ice fishing device. 2,774,167, 12-18-56, Cl. 43-17.
- Tyson, Wendell B. Cotton picking machine. 2,747,941, 5-29-56, Cl. 302-27.
- Tyzack, Harry. Connector Parts Co. Connector jack. 2,746,023, 5-15-56, Cl. 339-176.
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- Uchill, David R. Beating heart toy. 2,757,480, 8-7-56, Cl. 46-117.
- Udale, Stanley M., to Holley Carburetor Co. Ignition device. 2,739,582, 3-27-56, Cl. 233-117.
- Udale, Stanley M., to Holley Carburetor Co. Carburetor. 2,741,466, 4-10-56, Cl. 261-50.
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- Udale, Stanley M., to Holley Carburetor Co. Engine as a brake. 2,707,697, 10-23-56, Cl. 123-97.
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- Ude, Hans, to Schless Aktiengesellschaft. Loading device for pressure rollers. 2,702,082, 9-11-56, Cl. 19-135.
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- Udy, Marvin J., to Strategic-Udy Metallurgical & Chemical Processes Ltd. Manganese recovery. 2,775,518, 12-25-56, Cl. 75-12.
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- Ueltz, Herbert F. G., to Norton Co. Refractory composition for journals, bearings and the like. 2,745,763, 5-15-56, Cl. 106-65.
- Ueltz, Herbert F. G., to Norton Co. Composite electrical resistor. 2,770,020, 11-13-56, Cl. 29-182.
- Uelmann, Heinz, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Resinous condensation products of acetoacetal esters and unsaturated aldehydes. 2,755,268, 7-17-56, Cl. 260-37.
- Ufer, Hanns, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Linear filmforming polyamides including 1,4-diamino cyclohexane and process. 2,733,230, 1-31-56, Cl. 260-78.
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- Caldwell, Joseph A., Monaghan, Rumble, and Uhrig. 2,752,579.
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- Ulirsted, Leo T., to Casius Corp. Ltd. Process for manufacturing light-weight concrete. 2,740,722, 4-3-56, Cl. 106-87.
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- Ullery, Fred E. Hydrodynamic torque converter. 2,762,196, 9-11-56, Cl. 60-54.
- Ullery, Fred E. Hydrodynamic torque converters. 2,762,197, 9-11-56, Cl. 60-54.
- Ullery, Fred E. Member spacing construction in hydrodynamic torque converters. 2,762,198, 9-11-56, Cl. 192-45.
- Ullery, Fred E. One-way clutches. 2,762,479, 9-11-56, Cl. 192-45.
- Ullery, Fred E. Blade formations for turbo-machines. 2,772,538, 12-4-56, Cl. 60-54.
- Ullery, John C., and A. R. Allard. Biopsy knife. 2,749,909, 8-21-56, Cl. 187-24.
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- Ullman, George W. Turntable cabinet. 2,739,023, 3-20-56, Cl. 312-251.
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- Ulrich, Raymond M., to Ulrich Foundation, Inc. Transmission gear unit mounting. 2,769,347, 11-6-56, Cl. 74-385.
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Kelley, Dewitt T., Babcock, and Holub. 2,735,796.  
Kerr, Karl K., Kleber, and Raub. 2,744,269.  
Lahr, Paul H. 2,759,859.

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Lynn, John W. 2,750,401.  
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Meincke, Edward. 2,753,887.  
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Persson, John A. 2,741,689.  
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Phillips, Benjamin, and Starcher. 2,750,395.  
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Pines, Arthur N., and York. 2,736,736.  
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Rankin, William W. 2,739,993.  
Rice, Philip K. 2,735,278.  
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Riede, Peter M. 2,730,957.  
Riley, Horace E. 2,752,398.  
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Attane, Edward C., Jr., Hendricks, and Huffman. 2,760,907.

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McKinnis, Art C. 2,759,797.  
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 Pratt, John W. 2,733,462.  
 Pulford, Kenneth B. 2,768,895.  
 Quarumby, Robert C. 2,734,191.  
 Quarumby, Robert C. 2,768,377.  
 Quinn, Edward. 2,740,138.  
 Quinn, Edward. 2,742,005.  
 Quinn, Edward, Senfleben, and Stacey. 2,759,204.  
 Robert, Maurice, and Wakefield. 2,736,280.  
 Robinson, Charles A. 2,754,329.  
 Roske, Milton H. 2,736,047.  
 Ruhr, Heinrich R. 2,734,469.  
 Ruhr, Heinrich R. 2,766,468.  
 Ruhr, Heinrich R. 2,773,217.  
 Saint-Paul, Georges. 2,742,130.  
 Schaefer, Hans F., Jr. 2,742,011.  
 Schaefer, Hans F., Jr. 2,744,113.  
 Senfleben, Paul W., and Noonan. 2,763,016.  
 Sillars, Frederick S. 2,765,249.  
 Spicer, John J., Jr. 2,739,196.  
 Stacey, Ernest W., and Nuegler. 2,733,588.  
 Stratton, Frank E., and Hall. 2,760,616.  
 Stratton, Frank E., and Scott. 2,758,324.  
 Stritter, Karl A. 2,748,406.  
 Walsh, John E. 2,730,733.  
 Whelton, John M. 2,750,608.

## United Shoe Machinery Corp.: See—Continued

Wiederhorn, Norman M., MacDonald, and Kleibacker. 2,734,893.  
 Willis, Grant N., and Secombe. 2,765,003.  
 United Specialties Co.: See—  
 Amnlung, Louis C., Jr., and Lingenbrink. 2,758,164.  
 Dreznes, John J. 2,761,527.  
 Dreznes, John J. 2,770,320.  
 Eastman, David P. 2,767,805.  
 Flint, Charles H. 2,749,895.  
 United States Air Force, United States of America as represented by the: See—  
 Lundquist, Lester E., Jr. 2,762,221.  
 Orthuber, Richard K., Clemens, and Johnstone. 2,749,598.  
 United States of America, The: See—  
 Blackburn, John F., and Lee. 2,735,299.  
 Duval, Robert E. 2,732,208.  
 United States Atomic Energy Commission, United States of America as represented by the: See—  
 Aiken, William R. 2,750,500.  
 Anderson, Herbert L. 2,751,505.  
 Andrews, Gilman B., De Voll, and Lamb. 2,729,815.  
 Armstrong, William J., Corbell, and McPhee. 2,742,587.  
 Bacon, Conrad G. 2,736,809.  
 Bailes, Richard H., and Grinstead. 2,770,522.  
 Bailes, Richard H., Lindblom, and Grinstead. 2,768,059.  
 Bailes, Richard H., and Long. 2,756,123.  
 Baker, William R. 2,763,816.  
 Baker, William R., and De Liban. 2,745,018.  
 Baker, William R., and Grinstead. 2,735,963.  
 Ballard, Albert E. 2,733,128.  
 Ballard, Albert E. 2,758,007.  
 Banus, Mario D., Gibb, and Bragdon. 2,738,369.  
 Bareis, David W. 2,758,023.  
 Barnes, Raymond F., Diamond, and Fields. 2,739,979.  
 Beach, John G., and Faust. 2,729,601.  
 Becker, Adam W., and Woker. 2,770,856.  
 Beese, Norman C. 2,768,873.  
 Beese, Norman C., and Marden. 2,773,826.  
 Bell, Persa R. 2,760,041.  
 Bell, Persa R., and Kelley, and Goss. 2,775,698.  
 Bell, Persa R., Jr. 2,736,817.  
 Bettis, Edward S., and Mann. 2,743,342.  
 Bigelow, Julian H. 2,761,063.  
 Bittner, Burt J. 2,749,520.  
 Blake, Robert A. 2,750,254.  
 Booth, Eugene T. 2,732,127.  
 Borst, Lyle B., and Newson. 2,741,592.  
 Boyer, Robert Q. 2,733,202.  
 Boyer, Robert Q. 2,743,228.  
 Boyer, Robert Q. 2,768,813.  
 Boyer, Robert Q. 2,771,339.  
 Boyer, Robert Q. 2,771,999.  
 Boyer, Robert Q. 2,775,552.  
 Boyer, Robert Q., and Kilner. 2,773,820.  
 Boyer, Robert Q., and Kilner. 2,773,824.  
 Breden, Calvin R. 2,763,611.  
 Brixner, Berlyn. 2,732,777.  
 Brobeck, William M. 2,738,508.  
 Brobeck, William M. 2,737,589.  
 Brown, Harrison S., and Hill. 2,768,871.  
 Brown, Howard J., and Garden. 2,743,372.  
 Bruzeman, Warren H., and Voorhees. 2,745,552.  
 Burger, Leland L. 2,743,170.  
 Cannell, Rogers S. 2,770,969.  
 Cardon, Samuel Z. 2,743,155.  
 Carpenter, David E., Johnston, House, and Johnsson. 2,743,161.  
 Carter, Allan J., Hansen, and Heinen. 2,734,042.  
 Carter, James M. 2,737,439.  
 Carter, James M., and Kamen. 2,758,006.  
 Chu, Jeffrey C., and Jacobsohn. 2,745,006.  
 Chubb, Walston, Jr., and Marsh. 2,746,861.  
 Clark, Arnold F. 2,736,810.  
 Clevenger, Galen W. 2,743,222.  
 Clifford, Warren E., and Burns. 2,760,780.  
 Collins, Paul E., and Inman. 2,745,279.  
 Corbell, Paul I. 2,773,741.  
 Cranberg, Lawrence. 2,736,802.  
 Crawford, Richard B., Gow, Pon, and Ruby. 2,764,707.  
 Cummines, Ross. 2,772,142.  
 Cummines, Ross. 2,774,479.  
 Dalton, James T., and Stevens. 2,760,076.  
 Dandi, Raphael A. 2,742,576.  
 Dazey, Mitchell H. 2,774,937.  
 De Liban, Robert. 2,733,344.  
 De Liban, Robert. 2,733,347.  
 De Liban, Robert. 2,745,964.  
 Derge, Gerhard, and Monet. 2,743,173.  
 Dietz, Frederick C., and Thorburn. 2,760,598.  
 Dodson, Richard W., Friedlander, Helmholz, and Watkins. 2,732,072.  
 Donelian, Khatchik O., and Menke. 2,730,951.  
 Edgett, Ronald S., and Olson. 2,755,853.  
 Edwards, Thomas H. 2,734,678.  
 Emmons, Ardash H., and Lauderdale. 2,752,309.  
 Evers, Ernest C., and Carignan. 2,734,795.  
 Failla, Gioacchino. 2,731,568.  
 Feder, Harold M., Larson, and Evans. 2,758,024.  
 Fermi, Enrico, and Anderson. 2,768,134.  
 Flook, Edward R., and Sweet. 2,735,745.  
 Foslkuhl, Henry E. 2,760,655.  
 Gaudin, Antoine M. 2,737,438.  
 Gaudin, Antoine M., and Schuhmann. 2,736,634.



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America as represented by the: *See*—Continued  
 Gilman, Henry, and Gindschader. 2,735,857.  
 Glenn, John W. 2,733,142.  
 Glenn, William E., and Hostetter. 2,751,662.  
 Glin, William E., Jr. 2,758,214.  
 Goertz, Raymond C., Schmitt, and Olsen. 2,764,301.  
 Goertz, Raymond C., Schmitt, Olsen, and Wehrle. 2,774,488.  
 Goett, John J. 2,773,823.  
 Good, Myron L. 2,770,755.  
 Graham, Charles D., Jr., and Donley. 2,736,700.  
 Gulnac, Howard D. 2,755,441.  
 Hagemann, French T., Katzin, and Hellman. 2,743,157.  
 Hecker, John C. 2,743,169.  
 Henton, Paul V. 2,742,788.  
 Hester, Robert G. 2,729,809.  
 Hill, Orville F., and Thompson. 2,767,044.  
 Hurst, George S. 2,761,071.  
 Hurst, William M. 2,738,426.  
 Ingram, Mark G., and Chupka. 2,733,343.  
 Jeatis, Demetrius G. 2,771,199.  
 Kahn, Milton. 2,758,963.  
 Kamen, Martin D., and De Haan. 2,761,757.  
 Kamen, Martin D., and De Haan. 2,771,340.  
 Kapp, Numer M., and Weinrich. 2,757,072.  
 Kasschau, Kenneth. 2,756,858.  
 Kaufman, David, and Lerner. 2,743,154.  
 Kaufmann, Albert R. 2,731,341.  
 Keeler, John R., and Saller. 2,743,174.  
 Kehl, George L., and Moch. 2,739,935.  
 Kelly, Joseph M., Jr. 2,743,416.  
 Kerns, Quentin A. 2,743,371.  
 Kerns, Quentin A. 2,750,158.  
 Keyes, John J., Jr. 2,755,391.  
 Kienberger, Charles A., Greene, Flanders, and Flynn. 2,751,344.  
 Kinzer, Glenn W., and Morin. 2,764,471.  
 Klein, David X., and Gage. 2,765,872.  
 Klein, Rudolph J. 2,740,756.  
 Krohn, Roy. 2,747,972.  
 Krohn, Roy, and Schmidt. 2,743,168.  
 Krucoff, Darwin. 2,731,624.  
 Kunin, Robert. 2,733,200.  
 Kunin, Robert. 2,741,589.  
 Kunin, Robert. 2,741,590.  
 Kunin, Robert. 2,739,934.  
 Lakner, John F. 2,758,950.  
 Langsdorf, Alexander S., Jr. 2,750,520.  
 Lawrence, Ernest O. 2,737,779.  
 Lawrence, Ernest O., and Brobeck. 2,733,349.  
 Lawrence, Ernest O., and Kerns. 2,773,195.  
 Lawton, Elliott J., and Lafferty. 2,733,348.  
 Le Baron, Ira M. 2,763,371.  
 Linlor, William I., and Ragout. 2,769,094.  
 Lofgren, Edward J. 2,757,500.  
 Lofgren, Edward J. 2,745,965.  
 Lofgren, Edward J., and Eukel. 2,754,422.  
 Long, Ray S., and Bailes. 2,770,520.  
 Long, Ray S., Bailes, and De Haven. 2,761,758.  
 Lowe, Charles E. 2,736,044.  
 Lutz, Garson A. 2,743,159.  
 MacKenzie, Kenneth R., and Brobeck. 2,733,350.  
 Macleish, Kenneth G. 2,735,044.  
 Madey, Richard. 2,775,697.  
 Maker, Frank L. 2,754,993.  
 Marcowka, Chester A. 2,766,120.  
 McClinton, Leslie T., Garrison, and Burton. 2,743,223.  
 McCombie, Horace R., and Wagner. 2,735,746.  
 McCorkle, Willard H. 2,756,857.  
 McCullough, Robert F. 2,767,045.  
 McCullough, Robert F., and Le Baron. 2,769,686.  
 McLean, Daniel C. 2,766,122.  
 Meister, George. 2,756,138.  
 Meister, George. 2,766,032.  
 Meister, George. 2,766,110.  
 Meister, George. 2,774,729.  
 Metcalf, Herbert E., Johnson, and Chisholm. 2,741,593.  
 Metzger, Max C., Long, and Stoltz. 2,743,156.  
 Meuser, Robert B. 2,747,762.  
 Meyer, William H., Jr. 2,766,442.  
 Miller, Jack C. 2,736,806.  
 Moore, Thomas E. 2,744,064.  
 Morris, Howard E. 2,750,459.  
 Mosses, Harry. 2,770,128.  
 Mover, James W., and Hurwitz. 2,753,462.  
 Muehlhaue, Carl O., and Thomas. 2,755,253.  
 Newcombe, Frank A. 2,773,825.  
 Newson, H. W. 2,743,226.  
 Niez, Donald J. 2,747,126.  
 Noland, Robert A., and Marzano. 2,739,111.  
 O'Donnell, Thomas J. 2,768,433.  
 Ohlinger, Leo A. 2,743,224.  
 Ohlinger, Leo A. 2,746,473.  
 Ohlinger, Leo A., Wigner, Young, and Weinberg. 2,743,225.  
 Oppenheimer, Frank. 2,733,346.  
 Oppenheimer, Frank F. 2,745,017.  
 Parsegian, Vozean L. 2,732,807.  
 Patterson, John L., and Bell. 2,756,124.  
 Paxson, Gordon D. 2,769,903.  
 Pelson, Gene T., and Gage. 2,756,930.  
 Peters, Bernard. 2,758,213.

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America as represented by the: *See*—Continued  
 Piro, Robert J., Jr. 2,767,046.  
 Piott, Robert P. 2,751,780.  
 Plucknett, William K. 2,741,628.  
 Priest, Homer P. 2,759,886.  
 Priest, Homer P. 2,761,756.  
 Quinlan, Frank B. 2,758,706.  
 Rankin, Bayard H. 2,751,273.  
 Reid, Allen F. 2,769,776.  
 Reynolds, Myron E., and Pickering. 2,733,123.  
 Richardson, Clarence L., Smith, and Robbins. 2,764,470.  
 Ritchie, Charles F. 2,757,799.  
 Robinson, Eugene S., Briesmeister, and McInter. 2,775,399.  
 Rosenfeld, Sam. 2,733,124.  
 Rough, Frank A., and Saller. 2,735,761.  
 Schede, Robert W. 2,739,286.  
 Schults, Arthur B. 2,751,229.  
 Schwope, Arthur D., and Chubb. 2,736,651.  
 Selkirk, Richard H. 2,756,925.  
 Serduke, James T. 2,770,590.  
 Shapiro, Zalman M., and McDonald. 2,739,566.  
 Shepard, Orson C., and French. 2,763,570.  
 Shonka, Francis R. 2,736,818.  
 Smith, Bob H. 2,731,590.  
 Smith, Sanford B. 2,741,541.  
 Spalding, Thomas R. 2,759,175.  
 Spiegler, Louis. 2,733,123.  
 Spiegler, Louis. 2,733,126.  
 Spiegler, Louis. 2,733,127.  
 Spiegler, Louis. 2,759,788.  
 Spiegler, Louis. 2,759,789.  
 Spiegler, Louis. 2,759,790.  
 Spiegler, Louis. 2,759,791.  
 Spiegler, Louis. 2,770,521.  
 Spiegler, Louis. 2,771,338.  
 Steele, Gordon N. 2,756,644.  
 Stone, Joseph J., Jr. 2,739,937.  
 Struven, Warren C. 2,764,689.  
 Swickard, Earl O., Jr. 2,773,386.  
 Thomas, Robert E. 2,770,684.  
 Thomas, Robert E. 2,775,696.  
 Thompson, Stanley G., Cunningham, and Ghiorso. 2,741,627.  
 Turner, Clarence M. 2,762,941.  
 Urey, Harold C. 2,741,543.  
 Vandenberg, Leonard B. 2,748,710.  
 Wainer, Eugene. 2,743,160.  
 Wainer, Eugene. 2,743,162.  
 Wang, Charles C. 2,753,587.  
 Weaver, Harold F., and Van Atta. 2,736,811.  
 Webb, Albert D., and Kyle. 2,743,158.  
 Weinberg, Alvin M., Young, Morrison, and Ohlinger. 2,735,811.  
 Weinstein, Alfred I., and Bonner. 2,736,812.  
 Wender, Simon H., Gage, Ice, and Morris. 2,744,893.  
 Wender, Simon H., and Ice. 2,738,346.  
 Whitley, Marvin E. 2,754,179.  
 Wiegand, Clyde E., and Chamberlain. 2,736,801.  
 Wigner, Eugene P., Ohlinger, Young, and Weinberg. 2,736,696.  
 Wigner, Eugene P., Ohlinger, Young, and Weinberg. 2,770,591.  
 Wilhelm, Harley A., and Kerrigan. 2,767,047.  
 Wilhelm, Harley A., Walsh, and Kerrigan. 2,753,250.  
 Windsor, Alfred A. 2,739,285.  
 Winningsstad, Chester N., and Kerns. 2,771,582.  
 Wouters, Louis F. 2,733,342.  
 Wouters, Louis F. 2,733,345.  
 Wright, Byron T., and Baker. 2,735,943.  
 Wroughton, Donald. 2,771,357.  
 Wroughton, Donald, and Marden. 2,754,347.  
 Yeager, James H., and Eckberg. 2,759,801.  
 Young, Gale J. 2,774,730.  
 Zito, George V. 2,752,508.  
 U. S. Blind Stitch Machine Corp.: *See*—  
 Knott, Mario. 2,751,870.  
 U. S. Bobbin & Shuttle Co.: *See*—  
 Gosselin, Wilfrid J. 2,731,043.  
 United States Borax & Chemical Corp.: *See*—  
 Ball, Geoffrey R., and Kemp. 2,773,738.  
 Connell, George A., and Paddock. 2,773,757.  
 Taylor, Donald S., and Connell. 2,774,070.  
 Young, John T. 2,768,833.  
 U. S. Electrical Motors, Inc.: *See*—  
 Luenberger, Frederick O. 2,734,393.  
 Luenberger, Frederick O. 2,749,456.  
 United States Envelope Co.: *See*—  
 Heywood, Vincent E. 2,730,360.  
 Heywood, Vincent E. 2,755,906.  
 Heywood, Vincent E. 2,772,611.  
 Johnson, Albert H. 2,771,252.  
 U. S. Galvanizing & Plating Equipment Corp.: *See*—  
 Potthoff, Kurt T., and Elmstedt. 2,753,058.  
 United States Gasket Co.: *See*—  
 Rudner, Merritt A. 2,761,710.  
 Rudner, Merritt A. 2,762,116.  
 United States Gypsum Co.: *See*—  
 Downey, Richard M. 2,729,861.  
 Downey, Richard M. 2,731,670.  
 Eckrote, Kenneth R., and Tolley. 2,750,031.  
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 Gill, Joseph W., and Southwick. 2,749,267.

- United States Gypsum Co.: See—Continued  
 Hartwright, George, 2,732,311.  
 Neilson, Nels., 2,745,277.  
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 Nies, Brainard W. and Selbe, 2,736,929.
- U. S. Industries, Inc.: See—  
 Frumet, Charles J., Jr., 2,742,927.  
 Goldberg, Bertrand, 2,736,273.  
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 Johansen, Einar K., 2,757,759.  
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 Yancey, John R. and Taylor, 2,760,758.
- United States Mineral Wool Co.: See—  
 Kemptonhe, James L. and Stumpf, 2,754,155.
- United States National Bank of Denver, The: See—  
 Elder, Edgar L., 2,732,839.
- United States Pipe and Foundry Co.: See—  
 Perry, Richmond E., 2,769,541.
- United States Register Co.: See—  
 Griner, Clarence O., 2,735,353.  
 Griner, Clarence O., 2,740,348.  
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 Parrish, Wilbert J., 2,761,371.  
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- United States Rubber Co.: See—  
 Baichen, Dolf J., 2,744,041.  
 Barnhart, Robert E. and Glenn, 2,761,857.  
 Batts, Harvey J., and Delang, 2,734,877.  
 Benson, Arthur E., 2,746,811.  
 Bill, John C., 2,751,371.  
 Bill, John C. and Hunter, 2,732,365.  
 Bothe, Eugene J., 2,734,106.  
 Blake, Ralph A., 2,763,028.  
 Breedon, Will A. and Miller, 2,729,123.  
 Brooks, Marvin C., 2,754,237.  
 Brooks, Marvin C., and Kulus, 2,756,220.  
 Brooks, Marvin C. and Rodkins, 2,763,674.  
 Buckwalter, Howard M. and Almand, 2,746,898.  
 Bull, Wilson R., 2,739,093.  
 Cady, John E., 2,747,223.  
 Carr, Clide L. Jr., 2,729,627.  
 Cartmell, Edgar B., 2,747,461.  
 Child, Everett S., Pansa, and D'Aquanno, 2,739,290.  
 Chipman, Harold R., 2,739,990.  
 Clarkson, Robert J., 2,729,051.  
 Clarkson, Robert J., 2,739,103.  
 Clarkson, Robert J., 2,761,632.  
 Constantakis, George V., 2,749,980.  
 Cunningham, Marion M., 2,755,143.  
 De Caussemaker, Paul, Thornburg, and Boffardi, 2,767,433.  
 Delang, Theodore G., 2,739,135.  
 Doak, Kenneth W., 2,734,885.  
 Doak, Kenneth W., 2,734,886.  
 Doak, Kenneth W. and Gregg, 2,734,887.  
 Eckert, Charles F., 2,735,337.  
 Eckert, Charles F., 2,761,001.  
 Eger, Ernst, 2,746,812.  
 Egge, Edwin G. and Slovins, 2,761,193.  
 Engstrom, Carl F. and de Sostoa, 2,739,091.  
 Fisher, Jack C. and Deumann, 2,772,194.  
 Fisk, Charles F., 2,775,572.  
 Foster, Boutwell H., 2,771,661.  
 Gartrell, Robert D., Meyer and McVay, 2,733,987.  
 Glenn, Harry D., and Dowling, 2,760,900.  
 Godard, Edmond, 2,734,691.  
 Gregg, Robert A., 2,729,623.  
 Hile, Heston H., 2,754,768.  
 Hoke, Charles E., 2,735,793.  
 Howey, Cecil R., 2,734,064.  
 Howland, Louis H. and Larsen, 2,757,162.  
 Hubbard, Barton D. and Derenluk, 2,737,701.  
 Hunter, Byron A., 2,733,226.  
 Hunter, Byron A., 2,741,624.  
 Hurt, Victor H., 2,742,654.  
 Iknayan, Alfred N., 2,737,969.  
 Iknayan, Alfred N., 2,758,081.  
 Iknayan, Alfred N., Peterson, and Batts, 2,756,801.  
 Iknayan, Alfred N., Peterson, and Batts, 2,771,913.  
 Kerr, Henry H., Benson, Fowler, and Sies, 2,748,327.  
 Kindle, Robert W., and Fleming, 2,741,295.  
 Kindle, Robert W., and Fleming, 2,752,978.  
 Kleiber, Donald J., Oshinski, and Rogers, 2,766,808.  
 Ladd, Elbert C., 2,732,362.  
 Ladd, Elbert C., 2,732,409.  
 Ladd, Elbert C., 2,744,879.  
 Linhorst, Erwin F., 2,732,708.  
 Linhorst, Erwin F., 2,760,370.  
 Lonsee, Nelson C., Gode, and Fodor, 2,735,684.  
 Lo Presti, Charles C., 2,761,225.  
 Manske, Richard H. F., 2,744,830.  
 Martin, Frank S., 2,751,363.  
 McAustin, Robert R., 2,773,114.  
 McCord, Georgie P., 2,731,023.  
 Meisinger, Richard J. and Dempsey, 2,730,404.  
 Miner, Samuel S., 2,731,668.  
 Miner, Samuel S., 2,747,665.  
 Mooney, Melvin, 2,767,432.  
 Mulbarger, Francis A. and Clayton, 2,773,541.  
 Mulbarger, Francis A. and Harris, 2,736,921.  
 Neill, Wilkes W., and Reed, 2,739,639.  
 O'Brien, George E., Smith, and Bornmann, 2,763,588.  
 O'Brien, George E., Smith, and Bornmann, 2,763,589.
- United States Rubber Co.: See—Continued  
 Ostling, Carl A., and Rodkins, 2,763,317.  
 Owens, Ernest, 2,760,897.  
 Parshall, Clarence M., and Geyer, 2,744,287.  
 Peterson, Lester C., and Batts, 2,734,039.  
 Peterson, Lester C., Mulbarger, and Batts, 2,760,542.  
 Pietraszek, Thaddeus A., and Martin, 2,753,599.  
 Pooley, Robert W., 2,757,147.  
 Pooley, Robert W., 2,772,196.  
 Pooley, Robert W., and Kohrn, 2,743,931.  
 Reuter, Livingston B., 2,747,227.  
 Rhodes, Thomas J., 2,742,669.  
 Schaefer, William E., Batts, and Bradford, 2,749,323.  
 Scholl, Elwood L., 2,732,020.  
 Seymour, Dexter C., 2,764,579.  
 Sims, Clarence E., 2,773,441.  
 Smith, Allen E., Feldman, and Stone, 2,736,646.  
 Smith, Allen E., Feldman, and Stone, 2,736,647.  
 Smith, Allen E., Feldman, and Stone, 2,770,537.  
 Smith, Allen E., O'Brien, and Bornmann, 2,758,051.  
 Smith, Allen E., O'Brien, and Bornmann, 2,758,052.  
 Smith, Allen E., O'Brien, and Bornmann, 2,758,053.  
 Smith, Allen E., O'Brien, and Bornmann, 2,758,054.  
 Smith, Frank B., 2,760,949.  
 Steadman, Audrey H., 2,732,589.  
 Stone, John G. Jr., and Rodkins, 2,756,718.  
 Tawney, Pliny O., 2,743,260.  
 Tawney, Pliny O., and Kelly, 2,745,841.  
 Tawney, Pliny O., and Little, 2,767,156.  
 Tawney, Pliny O., and Snyder, 2,755,271.  
 Teague, Merwyn C., 2,747,299.  
 Teague, Merwyn C., 2,756,616.  
 Tolonen, Eric O., 2,773,535.  
 Vamvakitis, Stephen, 2,741,297.  
 Violl, Paul, 2,748,104.  
 Wickle, George F., 2,733,766.  
 Witt, Harry S., and Martin, 2,772,322.  
 Wolstenholme, William E., 2,737,023.
- U. S. Rubber Reclaiming Co. Inc.: See—  
 Wendrow, Benjamin R., 2,767,149.
- U. S. Slicing Machine Co., Inc.: See—  
 Folk, Joseph, 2,744,553.  
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- Uritis, Joseph M., to Radio Corp. of America. Magnetic recording apparatus. 2,742,536, 4-17-56, Cl. 179—100.2.
- Uritis, Joseph M., to Radio Corp. of America. Valve actuating mechanism. 2,750,961, 6-19-56, Cl. 137—625.5.
- Urbahart, Glenn R.: See—
- Smith, Francis E., and Urbahart. 2,737,412.
- Urbahart, Lloyd G., to H. F. Livermore Corp. Weft parters. 2,731,987, 2-24-56, Cl. 139—367.
- Urbahart, Thornton L., to Byrne Doors, Inc. Aircraft hangar door. 2,739,645, 3-27-56, Cl. 160—185.
- Urbahart, Thornton L., to Byrne Doors, Inc. Roof hatch. 2,766,859, 10-16-56, Cl. 189—50.
- Urry, Wilbert H., to Commercial Solvents Corp. Addition of olefins and amines. 2,772,271, 11-27-56, Cl. 260—293.
- Urschel Engineering Co.: See—
- Janzer, Lorin H., and Harriman. 2,733,950.
- Urscheler, Emil, to Turissa-Nachmaschinenfabrik A. G. Sewing machine with zigzag arrangement. 2,755,754, 7-24-56, Cl. 112—158.
- Urtogano, Jaime. Multiple servo selector. 2,751,933, 6-26-56, Cl. 137—622.
- Urtel, Rudolf, to International Standard Electric Corp. Frequency control circuit. 2,770,730, 11-13-56, Cl. 250—36.
- Urtel, Rudolf, to International Standard Electric Corp. Circuit arrangement for the generation of sawtooth shaped deflecting currents. 2,774,911, 12-18-56, Cl. 315—27.
- Usack, Stephen J. Method of applying white and colored side walls to black tires. 2,746,515, 5-22-56, Cl. 154—14.
- Usai, Mario G. Applicator comb. 2,758,606, 8-14-56, Cl. 132—110.
- Uthman, Curt, to Cascades Plywood Corp. Fiber mat forming apparatus and methods. 2,743,758, 5-1-56, Cl. 154—1.
- Utschmann, Curt B. Enlarger-reducer. 2,762,258, 9-11-56, Cl. 88—24.
- Ushakoff, Alexis E., to Secotian, Inc. Apparatus for treating permeable sheets with fluids. 2,749,737, 6-12-56, Cl. 18—39.
- Ushakoff, Alexis E., to Secotian, Inc. Process for tanning skins. 2,767,043, 10-16-56, Cl. 8—150.5.
- Ushikoshi, Ikuo: See—
- Maki, Bunro, and Ushikoshi. 2,773,770.
- Usines Chimiques & Metallurgiques de Decazeville (Societe Anonyme): See—
- Schuller, Pierre. 2,743,609.
- Usines Tornos: See—
- Méglé, Guillaume E., and Mancía. 2,755,149.
- Ussinger, Joseph. Partitions. 2,751,863, 6-26-56, Cl. 176—376.
- Ussery, George R., and M. J. Ussery. Dispensing machine. 2,759,632, 8-21-56, Cl. 221—199.
- Usserv, Mary J.: See—
- Usserv, George R., and M. J. 2,759,632.
- Usteri, Eduard, to Ciba Ltd. Insect repellent composition and method. 2,769,744, 11-6-56, Cl. 167—33.
- Ustin, George, and P. Hauke, to Continental Copper & Steel Industries, Inc. Electrical connection. 2,759,163, 8-14-56, Cl. 339—217.
- Utah Scientific Research Foundation: See—
- Hardman, James A.: 2,753,156.
- Hardman, James A.: 2,742,753.
- Utecht, Francis A., Jr.: See—
- Mylander, Gerald D. 2,738,208.
- Utermohlen, William P., Jr., and J. C. Bletzinger, to Kimberly-Clark Corp. Spliced fabric. 2,737,456, 3-6-56, Cl. 154—43.
- Uthenwoldt, Frederick, and A. L. Palmer, Jr., to Pitney-Bowes, Inc. Sheet feeding device. 2,762,623, 9-11-56, Cl. 271—36.
- Uthenwoldt, Frederick W.: See—
- Rouan, Francis J., Strother, and Uthenwoldt. 2,736,999.
- Utica Tool Forge & Tool Co.: See—
- Barnes, William A. 2,729,999.
- Barnes, William A. 2,736,948.
- Barnes, William A. 2,737,564.
- Barnes, William A. 2,745,300.
- Barnes, William A. 2,772,095.
- Barnes, William A., and Brown. 2,754,704.
- Barnes, William A., and Rozmus. 2,750,829.
- Utica Duxbak Corp.: See—
- Jones, Gilbert H., and Koster. 2,755,480.
- Utility Trailer Mfg. Co.: See—
- Bennett, Walter. 2,764,443.
- Utlej, Arthur B. Leaf rake. 2,746,234, 5-22-56, Cl. 56—400.12.
- Utlej, George D., and S. Hirsch. Surgical needle and method for blood transfusion or intravenous feeding. 2,770,236, 11-13-56, Cl. 128—221.
- Utsumi, Isamu, and K. Harada, to Gohel Tanabe & Co., Ltd. Preparation of new thiamine salts. 2,770,624, 11-13-56, Cl. 260—256.6.
- Utterstrom, John R.: See—
- Sekijuna, Mizuo, and Utterstrom. 2,773,180.
- Utz, Friedrich. Guards for motor hand saws. 2,737,985, 3-13-56, Cl. 143—159.
- Utz, Friedrich. Cutter head with reinforced bit seats. 2,755,890, 7-24-56, Cl. 144—218.
- Utz, George M., to Royal McBee Corp. Tabulating mechanism for typewriters or like machines. 2,757,777, 8-7-56, Cl. 179—176.
- Uytenbogaart, Johannes W. H., to A. Rooseboom. Hypodermic injection apparatus. 2,752,918, 7-3-56, Cl. 128—218.
- Uzzell, Albert G., and H. M. Lorton, to Shell Development Co. Refining lubricating oils. 2,756,196, 7-24-56, Cl. 196—147.
- VDO Tachometer Werke, Adolf Schindling G. m. b. H.: See—
- Wesp, Adam. 2,774,242.
- VEB Buchungsmaschinenwerk Karl-Marx-Stadt: See—
- Kiedel, Carlfried K., Guldner, and Tell. 2,744,600.
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- Reppe, Walter, v. Kutepov, and Heintzler. 2,731,504.
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- V-Master Ltd.: See—
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- V. Reibnitz, Bruno, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Production of heterocyclic compounds from glyoxal and urea. 2,731,472, 1-17-56, Cl. 260—309.7.
- V. Reibnitz, Bruno, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Process for improving cellulose textile materials and products thereof. 2,731,364, 1-17-56, Cl. 117—64.
- Vacek, George J. Chopping device. 2,769,382, 11-6-56, Cl. 97—10.
- Vahersede, Edward, Jr. Ligating hemostat. 2,748,773, 6-5-56, Cl. 128—326.
- Vachon, Hubert J., to Boston Machine Works Co. Machine for applying tape to the back seams of shoe uppers. 2,755,492, 7-24-56, Cl. 12—59.5.
- Vacuum Victor A. E. Cope, and R. Proskauer, to Sperry Rand Corp. Control systems for gyroscopic instruments. 2,729,108, 1-3-56, Cl. 74—5.34.
- Vacuum Can Co.: See—
- Smith, Burton O. 2,754,407.
- Vacuum Concrete, Inc.: See—
- Bühler, Karl P.: 2,749,097.
- Vacuum Motor Corp.: See—
- Hammer, Lewis T. 2,739,573.
- Vadnais, Charles L. Attachments for fishing lines. 2,772,509, 12-4-56, Cl. 43—44.1.
- Vaessen, Joannes F. H. Leaded glass panes. 2,772,758, 12-4-56, Cl. 13—77.
- Vagenius, Harold N. Copper nitrogenous organic compound. 2,762,822, 9-11-56, Cl. 260—438.
- Vaghi, Joseph. Flower holder and protector. 2,734,312, 2-14-56, Cl. 47—41.
- Vahne, Raymond, to Robert Gair Co., Inc. Method and apparatus for assembling cartons. 2,746,362; 5-22-56, Cl. 93—37.
- Vail, Arthur E.: See—
- Guernsey, John F., and Vail. 2,772,413.
- Vail Mfg. Co.: See—
- Vail, Walter J. 2,738,505.
- Vail, Walter J., to Vail Mfg. Co. Desk stapler. 2,738,505, 3-20-56, Cl. 1—3.
- Vaillant, Johann, Kommanditgesellschaft: See—
- Brummerhoff, Walter. 2,736,498.
- Brummerhoff, Walter. 2,763,244.
- Valcourt, Inc.: See—
- Valentine, Joseph E. 2,751,963.
- Valcourt, Louis E., to Kestelman Bros. Mfg. Co. Jewelry clasp. 2,731,695, 1-24-56, Cl. 24—235.
- Valcourt, Louis E., to Kestelman Bros. Mfg. Co. Expandable band with dual purpose latch. 2,744,379, 5-8-56, Cl. 59—79.
- Valcourt, Robert A., and W. F. Huff. Cross cutting table saw gage attachment. 2,731,989, 1-24-56, Cl. 143—174.
- Valdes, Fernando, to Champion Machine Co., Inc. Nut shell-ing machines. 2,757,695, 8-7-56, Cl. 146—8.
- Valdes, Orville R. Tilt actuated circuit breaker. 2,766,346, 10-9-56, Cl. 200—61.52.
- Valdese Mfg. Co., Inc.: See—
- Woods, Edgar L. 2,740,591.
- Vale, Baldwin, deceased, by H. E. Vale, executrix. Reclining bed chair. 2,745,467, 5-15-56, Cl. 155—45.
- Vale, Helen E.: See—
- Vale, Baldwin. 2,745,467.
- Valensi, Georges. High speed telegraphic system. 2,732,426, 1-24-56, Cl. 178—15.
- Valente, Ernesto: See—
- Arono, Felix, and Valente. 2,755,733.
- Valente, John E., to Kimberly-Clark Corp. Filter of starch-resin impregnated webs of laminated creped paper. 2,738,074, 3-13-56, Cl. 210—204.
- Valenti, James J. Fire detector. 2,743,334, 4-24-56, Cl. 200—138.
- Valenti, Joseph F.: See—
- Bimonte, Sam, and Valenti. 2,734,167.
- Valenti, Leo F.: See—
- Brown, Arling D., Jr., Echeagaray, Gross, and Valenti. 2,772,565.

- Valenti, Louis A. Refrigerator constructions. 2,760,349, 8-28-56, Cl. 62—117.45.
- Valenti, Victor A. Hand tool with angularly adjustable bit. 2,733,529, 12-11-56, Cl. 145—1.
- Valentine, Charles M., to Chrysler Corp. Building structure. 2,730,208, 1-10-56, Cl. 189—34.
- Valentine, Charles N. Casement window lock. 2,755,654, 7-24-56, Cl. 70—59.
- Valentine, Elmer G., and B. Noble; said Noble assor. to said Valentine. Battery terminal connector. 2,737,636, 3-6-56, Cl. 339—226.
- Valentine, Harold G., to D. Eisenberg. Skirt marker. 2,763,002, 12-18-56, Cl. 36—1.
- Valentine, Howard R. Rodent-preventive hinged gangplank. 2,757,397, 8-7-56, Cl. 14—71.
- Valentine, James M.: See—
- Long, George B., and Valentine. 2,748,239.
- Long, George B., and Valentine. 2,762,893.
- Long, George B., and Valentine. 2,762,893.
- Valentine, James M., to General Motors Corp. Stopper for garbage disposal unit. 2,731,649, 1-24-56, Cl. 4—286.
- Valentine, James M., to General Motors Corp. Domestic appliance. 2,767,299, 10-16-56, Cl. 219—43.
- Valentine, Joseph E., to Valcort, Inc. Machine for making powder puffs, sachet packets and rouge applicators. 2,751,963, 6-26-56, Cl. 154—1.8.
- Valeton, Josué J. P., B. W. V. Schenau, and G. J. Hartford National Bank and Trust Co., as trustee. Electric circuit-arrangement. 2,748,336, 5-29-56, Cl. 321—2.
- Valeton, Josué J. P., F. R. Hardi, and F. H. J. Van Der Poel, to Hartford National Bank and Trust Co., as trustee. Synchronous motor comprising an armature having permanent magnetic poles. 2,775,716, 12-25-56, Cl. 310—156.
- Valette, Le Roy R., and W. C. Safford, to Crucible Steel Co. of America. Method and apparatus for surface grinding metal strip. 2,759,801, 8-21-56, Cl. 51—5.
- Valley, Earl L., to Levee, Cooper and Erass Inc. Coil handling apparatus. 2,767,932, 10-23-56, Cl. 242—79.
- Valine, Louis J., to The Weatherhead Co. Regulator and diaphragm. 2,729,236, 1-3-56, Cl. 137—505.46.
- Vallius, Stanley B. Wire stripper. 2,755,691, 7-24-56, Cl. 8—5.
- Vallius, Stanley J., to General Cement Mfg. Co. Standoff insulator. 2,733,290, 1-31-56, Cl. 174—164.
- Valla, Daniel E. Loose-leaf bindings. 2,764,162, 9-25-56, Cl. 129—1.
- Valla, Thomas A.: See—
- Hoard, Halbert W., Olson, and Vallee. 2,773,973.
- Vallen, Earl J. Motor brake. 2,775,320, 11-27-56, Cl. 188—171.
- Valley, George E., Jr., to the United States of America as represented by the Secretary of the Navy. Two station navigation system. 2,763,857, 9-18-56, Cl. 343—12.
- Vallier, Arthur T.: See—
- Wiles, Everett R., Vallier, and Coffman. 2,753,275.
- Valliere, Leopold, to the Rocketdyne Co. In Welding current contact tube. 2,735,920, 2-21-56, Cl. 219—8.
- Vallieres, Lucien. Tennis racquet. 2,738,976, 3-20-56, Cl. 273—73.
- Vallone, Joseph M. Convertible reclining chair. 2,775,286, 12-25-56, Cl. 155—108.
- Vallorani, Ben J., and C. J. McConnell, to General Electric Co. Spring hinge for range surface units. 2,751,487, 6-19-56, Cl. 219—37.
- Valo, Bruno. Bark-removing machine having cutters yieldably mounted for riding-over obstacles. 2,756,786, 7-31-56, Cl. 144—208.
- Valota, Alessandro. Axial flow gas turbine. 2,746,426, 5-22-56, Cl. 60—39.16.
- Valtersson, Per V., and K. A. Eklund, to E. G. Petersen. Shutter mechanism. 2,751,154, 6-19-56, Cl. 236—35.2.
- Valvano, Ralph A. Stud pulley and driver wrench. 2,746,328, 5-22-56, Cl. 81—53.
- Valve Corp. of America, Inc.: See—
- O'Donnell, William R. 2,772,820.
- Valverde, Patricia Sr. Wall and ceiling cleaner. 2,769,673, 11-6-56, Cl. 306—11.
- Valverde, Robert. Friction thermostat. 2,747,054, 5-22-56, Cl. 200—138.
- Valvo, Joseph. Apparatus to The Air Preheater Corp. Circumferential seal for rotary preheater utilizing screen mounting. 2,761,654, 9-4-56, Cl. 257—6.
- Valyi, Emery I. Apparatus for producing shell molds. 2,733,488, 2-7-56, Cl. 22—20.
- Valyi, Emery I. Apparatus for producing shell molds. 2,746,104, 5-22-56, Cl. 22—9.
- Valyi, Emery I. Curing shell molds in fluidized beds. 2,771,648, 11-27-56, Cl. 22—193.
- Vamvakas, Michael, and C. C. Dugfelder, to Barry-Wehmiller Machinery Co. Continuous bottle feed mechanism. 2,738,866, 3-20-56, Cl. 198—25.
- Vamvakas, Michael, and C. C. Dugfelder, to Barry-Wehmiller Machinery Co. Continuous elevating bottle feed mechanism. 2,765,897, 10-9-56, Cl. 198—25.
- Vamvakitis, Stephen, to United States Rubber Co. Printing plate material. 2,741,297, 4-10-56, Cl. 154—54.
- Vana, Charles A., and G. E. Di Geronimo, to Ferro Corp. Fused vitreous compositions as nutrients for plant growth. 2,732,290, 1-24-56, Cl. 60—97.
- Van Abbe, Henri H., and A. G. W. Uijtens, to Hartford National Bank and Trust Co., as trustee. Radio receiving circuit for frequency modulation and amplitude modulation bands. 2,773,178, 12-4-56, Cl. 250—20.
- Van Acker, Joseph E., to Gould & Everhardt, Inc. Method and means of producing involute tooth profiles. 2,737,854, 3-13-56, Cl. 90—1.6.
- Van Ackeren, Joseph, to Koppers Co., Inc. Spray type gas and liquid scrubber. 2,733,054, 1-31-56, Cl. 261—21.
- Van Ackeren, Joseph, to Koppers Co., Inc. Coke oven with improved end joint. 2,761,826, 9-4-56, Cl. 202—223.
- Van Ackeren, Paul, to Koppers Co., Inc. Arrangement for changing the heating directions of regenerative furnaces heated by pre-heated poor gas. 2,746,914, 5-22-56, Cl. 202—142.
- Van Ackeren, Paul, to Koppers Co., Inc. Bracing means for coke oven batteries. 2,761,827, 9-4-56, Cl. 202—268.
- Van Ackeren, Paul, and F. Doll, to Koppers Co., Inc. Coke oven door latch. 2,746,786, 5-22-56, Cl. 292—259.
- Vanadium Corp. of America: See—
- Chandler, Henry T. 2,767,084.
- Dunn, Holbert E., and O'Brien. 2,745,715.
- Dunn, Holbert E., and O'Brien. 2,745,716.
- Dunn, Holbert E., and O'Brien. 2,745,765.
- Van Akkeren, Leon A.: See—
- Vander Wal, Robert J., Van Akkeren, and Buswell. 2,763,556.
- Van Allen, De Witt T., and R. W. Kordatzky, to The George W. Borg Corp. Defective needle spotter. 2,760,363, 8-28-56, Cl. 66—157.
- Van Allan, James A.: See—
- Allen, Charles F., and Van Allan. 2,763,657.
- Salminen, Ilmar F., Van Allan, and Yackel. 2,751,295.
- Sawley, George W., and Van Allan. 2,739,971.
- Van Allan, James A., to Eastman Kodak Co. Solubilized benzal derivatives of  $\alpha$ -methyl-phenyl hydrazones and ultraviolet radiation absorbing products thereof. 2,748,021, 5-29-56, Cl. 117—33.3.
- Van Allan, James A., to Eastman Kodak Co. Benzal- $\alpha$ -methyl-phenylhydrazones and derivatives as ultraviolet absorbers. 2,763,566, 8-18-56, Cl. 117—33.3.
- Van Allen, James A., to the United States of America as represented by the Secretary of the Navy. Cosmic ray altimeter. 2,744,697, 5-8-56, Cl. 244—14.
- Van Alsburg, Jerold H. Cattle guard. 2,750,157, 6-12-56, Cl. 156—17.
- Van Alostey, Richard F.: See—
- Schmidt, Jack H. 2,737,877.
- Van Amburg, Albert L., Jr., to Monsanto Chemical Co. Manufacture of acrylonitrile. 2,748,158, 5-29-56, Cl. 260—45.3.
- Van Amerongen, Gerrit J., J. L. Poldervaart, and A. Schreuder, to Rubber-Stitching. Process for the manufacturing of soluble chlorinated rubber by treatment of insoluble chlorinated rubber. 2,736,758, 2-28-56, Cl. 260—772.
- Van Antwerp, Lloyd D.: See—
- Laird, Ian A. 2,750,032.
- Van Antwerpen, Lloyd D. Accordion pleated cushioning strip. 2,742,219, 4-17-56, Cl. 229—14.
- Van Arsdell, Fred C., to The Quaker Oats Co. Apparatus for spraying tear strings to wrappers. 2,766,065, 10-10-56, Cl. 93—1.
- Van Arsdell, Fred C., and E. G. Gustavson, to The Quaker Oats Co. Cereal puffing machine. 2,731,904, 1-24-56, Cl. 99—258.
- Vanatots, George M., to General Motors Corp. Vibration analyzer. 2,760,369, 8-28-56, Cl. 73—67.
- Van Atta, Chester M.: See—
- Weaver, Harold F., and Van Atta. 2,736,811.
- Van Atta, Lester C., G. G. Harvey, and R. A. Fairbairn, to the United States of America as represented by the Secretary of the Navy. Solid dielectric waveguide with metal plating. 2,761,137, 8-28-56, Cl. 343—771.
- Van Auker, Inc.: See—
- Jenkins, Howard M., Jr. 2,746,806.
- Van Beckum, William G., to Weyerhaeuser Timber Co. Material for treating oil well drilling fluids. 2,749,308, 6-5-56, Cl. 252—8.5.
- Van Beers, Edward C.: See—
- Dair, Robert V., Dammert, and Van Beers. 2,748,038.
- Van Beest, Adolf C.: See—
- Le Nobel, Jacobus W., and Van Beest. 2,766,182.
- Van Benthuyzen, Robert S. Control for progressively changing current load device. 2,756,879, 7-24-56, Cl. 320—32.
- Van Benthuyzen, Robert S., to Hartford National Bank and Trust Co., as trustee. Welding device. 2,762,947, 9-11-56, Cl. 314—4.
- Van Blaricom, Lloyd E., and K. R. Gray, to Rayonier, Inc. Lignosulfonate recovery from waste sulfite liquor. Re. 2,742,919, 9-11-56, Cl. 92—1.
- Van Blaricom, Lloyd E., and K. R. Gray, to Rayonier, Inc. Tertiary amino anion exchange resins. 2,732,352, 1-24-56, Cl. 260—2.1.
- Van Broekhoven, J. C.: See—
- Antritter, Max. 2,755,954.
- Nowak, Roger L. 2,731,654.
- Nowak, Roger L. 2,749,572.
- Van Broekhoven, Anton J.: See—
- Van Broekhoven, Petrus J., and P. C. 2,759,330.
- Van Broekhoven, Petrus J., and P. C. 2,759,330.
- Van Broekhoven, Petrus J., and P. C. Van Broekhoven, to A. J. Van Broekhoven. Hydraulic compensating system. 2,759,330, 9-11-56, Cl. 60—97.
- Van Buren, Edmund. Humidified air spray system. 2,733,957, 2-7-56, Cl. 299—58.
- Van Buren, Harold S., Jr., to United-Carr Fastener Corp. Fastening device. 2,745,161, 5-15-56, Cl. 24—218.



- Van Buren, Harold S., Jr., to United-Carr Fastener Corp. Fastening device. 2,745,163, 5-15-56, Cl. 24-246.
- Van Bureigh, Johannes B. Looms. 2,741,269, 4-10-56, Cl. 139-1.
- Van Camp, Ernest L., and J. J. Jessup. Automobile window screen. 2,742,961, 4-24-56, Cl. 160-105.
- Van Campen, John H., and J. W. Gates, Jr., to Eastman Kodak Co. Modifiers for photographic packet emulsions. 2,763,552, 9-15-56, Cl. 95-1.
- Van Campen, Marcus G., Jr.: *See—*
- Wheeler, Keith W., Seyler, and Van Campen. 2,772,268.
- Van Cantie, Alfred L. Building block anchoring bolt positioning tool. 2,760,272, 8-28-56, Cl. 33-180.
- Van John E., to The Hoover Co. Brush mounting for suction cleaners. 2,734,211, 2-14-56, Cl. 15-183.
- Vance, John E., to The Hoover Co. Suction cleaners. 2,734,213, 2-14-56, Cl. 15-351.
- Vance, John E., to The Hoover Co. Suction cleaner having filter structure encasing and supported by an electric cord. 2,738,938, 3-20-56, Cl. 15-351.
- Vance, John E., to The Hoover Co. Travel steam iron-folding handle reservoir. 2,763,075, 9-18-56, Cl. 38-77.
- Vance, John E., and M. H. Ripple, to The Hoover Co. Food mixers. 2,766,971, 10-16-56, Cl. 259-51.
- Vance, John J., and E. Chu Yen, to American Cyanamid Co. Soda ash granules provided with internal barrier. 2,770,571, 11-13-56, Cl. 167-83.
- Vance, Paul: *See—*
- Roth, William A. 2,742,989.
- Vance, Paul A., to General Electric Co. Static electrical pulsed beam apparatus. 2,770,738, 11-13-56, Cl. 307-88.
- Van Cleave Farms: *See—*
- Carnall, George, and Van Cleave. 2,764,922.
- Van Cleave, Marvin A.: *See—*
- Carnall, George, and Van Cleave. 2,764,922.
- Van Clief, William C., Jr., to Pittsburgh Plate Glass Co. Strip cutting apparatus. 2,737,703, 3-13-56, Cl. 29-69.
- Van Clief, William C., Jr., to Pittsburgh Plate Glass Co. Roller coater. 2,753,577, 7-10-56, Cl. 15-132.5.
- Van Clief, William C., Jr., and J. V. Mertes, to Pittsburgh Plate Glass Co. Brush assembly. 2,737,678, 3-13-56, Cl. 15-132.5.
- Van Court, Carl P., H. E. Kinsman, and C. N. Skinner. Method and apparatus for adapting dentures. 2,773,308, 12-11-56, Cl. 32-19.
- Van Dale Farm Machines, Inc.: *See—*
- Van Dusen, Frederick E. 2,758,729.
- Van Dalen, Christiaan J., to Staatsbedrijf der Posterijen Telegrafie en Telefonie. Electronically controlled synchronous electromotor. 2,750,548, 6-12-56, Cl. 318-162.
- Van Dam, Felix: *See—*
- Stoltz, George R. 2,731,683.
- Vandamme, Louis, and L. Rouyer, to Moulinage et Retorderie de Chavanoz. Method and apparatus for producing crinkled yarn. 2,741,893, 4-17-56, Cl. 57-34.
- Vandamme, Louis, and L. Rouyer, to Moulinage et Retorderie de Chavanoz. Apparatus for producing curled yarn. 2,761,272, 9-4-56, Cl. 57-34.
- Vandaveer, Roscoe P.: *See—*
- Rambosek, George M., and Vandaveer. 2,767,203.
- Van Deest, Samuel: *See—*
- Coulter, Samuel T., Hoyt, and Van Deest. 2,733,762.
- Van de Graaf, Robert J.: *See—*
- Trump, John G., and Van de Graaf. 2,741,704.
- Van de Graaf, Robert J., to High Voltage Engineering Corp. Apparatus for neutron detection. 2,767,324, 10-16-56, Cl. 260-83.1.
- Van Degrift, Thomas C.: *See—*
- Kettering, Charles F., Sihvonen, and Van Degrift. 2,760,023.
- Van de Lindt, Willem J., to Hartford National Bank and Trust Co. as trustee. Electrical impedance transformer for use at very high frequencies. 2,768,356, 10-23-56, Cl. 333-83.
- Vandemark, Fred J., to Fred J. Vandemark Co. Clamp and rotating mechanism for industrial trucks. 2,763,390, 9-18-56, Cl. 214-653.
- Vandemark, Fred J., and R. G. Buchignani. Material gripping and handling trailer structure. 2,745,562, 5-15-56, Cl. 214-77.
- Vandemark, Fred J., and R. G. Buchignani, to Fred J. Vandemark Co. Clamp attachment for industrial lift trucks. 2,768,761, 10-30-56, Cl. 214-654.
- Vandemark, Fred J., Co.: *See—*
- Vandemark, Fred J. 2,763,390.
- Vandemark, Fred J., and Buchignani. 2,768,761.
- Vanderberg, Leonard B., to the United States of America as represented by the United States Atomic Energy Commission. Heat-exchanger pump. 2,748,710, 6-5-56, Cl. 103-1.
- Van Den Berg, Richard H., to Display Corp. Luminous sign. 2,734,081, 1-3-56, Cl. 40-30.
- Van Denberg, Thomas F.: *See—*
- Dorsak, John, and Van Denberg. 2,740,665.
- Van den Bergh, Frederik C. Textile pile carpetings and the like. 2,765,813, 10-9-56, Cl. 139-391.
- Van den Boomgaard, Jan: *See—*
- Kröger, Ferdinand A., and van den Boomgaard. 2,750,344.
- Vandenburgh, Charles D., to American Viscose Corp. Liquid-solid separating apparatus. 2,752,847, 7-3-56, Cl. 100-116.
- Van Denburgh, Leland W., Jr.: *See—*
- Walker, Benjamin M., and Van Denburgh. 2,752,637.
- Van Denburgh, William N. Blast cleaning apparatus. 2,729,913, 1-10-56, Cl. 51-8.
- Van Denburgh, William N. Rotary blast nozzle. 2,755,598, 7-24-56, Cl. 51-11.
- Van de Pol, Eugene J. M.: *See—*
- Hekelaar, Johannes P. 2,749,833.
- Van de Polder, Leendert J., to Hartford National Bank and Trust Co. as trustee. Circuit arrangement for synchronizing such as an oscillator on a control oscillation. 2,748,281, 5-29-56, Cl. 250-36.
- Van de Ponsseele, Fernand, and J. D. Williams. Slate trimming machine. 2,731,961, 1-24-56, Cl. 125-23.
- Vanderbilt, Byron M.: *See—*
- Grundale, Erving, and Vanderbilt. 2,758,143.
- Garber, John D., Hollyday, and Vanderbilt. 2,746,925.
- Young, David W., Vanderbilt, Cottle, and Morway. 2,755,224.
- Vanderbilt, Byron M., and J. P. Thorn, to Esso Research and Engineering Co. Desulfurization of cracked naphthas with formaldehyde and sodium. 2,773,805, 12-11-56, Cl. 196-28.
- Vanderbilt, R. T., Co., Inc.: *See—*
- Bradley, Charles E., Jr. 2,765,327.
- Crossland, Lloyd B., and Beasley. 2,768,082.
- Somerville, Albert A. 2,752,282.
- Somerville, Albert A. 2,765,254.
- Vanderbrook & Sons, Inc.: *See—*
- Rice, Robert T. 2,753,799.
- Vandergriff, Arvel L., to Lummus Cotton Gin Co. Cotton gin embodying improved pneumatic doffing mechanism. 2,733,481, 2-7-56, Cl. 19-59.
- Vandergriff, Arvel L., to Lummus Cotton Gin Co. Apparatus for separating heavy objects from seed cotton. 2,760,235, 8-28-56, Cl. 19-38.
- Vandergriff, Henry W. Mine safety catch. 2,747,690, 5-29-56, Cl. 187-81.
- Vandergriff, Wayne J.: *See—*
- Cuglielmo, Kierstead, Vandergriff, and Russ. 2,751,562.
- Camilli, Guglielmo, and Vandergriff. 2,761,101.
- Vanderhoff, Alton S., to Electronic Devices, Inc. Rectifier stacks. 2,764,717, 9-25-56, Cl. 317-234.
- Vanderhoeven, Leonard. Peach pitting device. 2,750,975, 6-19-56, Cl. 141-28.
- Van Der Horst Corp. of America: *See—*
- Poor, John. 2,745,800.
- Van Der Hoven, Walter G., to Owens-Corning Fiberglass Corp. Method and apparatus for producing reinforced fibrous products. 2,732,005, 1-31-56, Cl. 154-27.
- Van der Kogge, Albert F., to Underwater breathing device. 2,753,865, 7-10-56, Cl. 128-145.
- Van der Kolk, Hendrik: *See—*
- Dobson, Richard D., and van der Kolk. 2,767,840.
- Van der Lee, Albertus, to Hartford National Bank and Trust Co. as trustee. Self-zeafifying petroleum gas burner. 2,775,292, 12-25-56, Cl. 155-63.
- Van der Lely, Cornelis. Device for picking up cut crop or other material lying on the ground. 2,766,576, 10-16-56, Cl. 56-345.
- Van der Linden, Petrus C.: *See—*
- Haayman, Pieter W., van der Linden, Veeneman, and Janssen. 2,772,190.
- Lemmens, Hendrikus J., Jansen, Haayman, and van der Linden. 2,737,607.
- Vanderlip, Peter J. Apparatus for conditioning fuel oil. 2,753,928, 7-10-56, Cl. 158-36.3.
- Van der List, Theodor: *See—*
- Paul, Herbert, and van der List. 2,764,178.
- Vander Lugt, Thomas, Jr., to Sutherland Paper Co. Container units and collapsible holders for containers. 2,738,871, 3-20-56, Cl. 206-65.
- Vander Lugt, Thomas, Jr., to Sutherland Paper Co. Partitioned container. 2,745,587, 5-15-56, Cl. 229-15.
- Vander Lugt, Thomas, Jr., to Sutherland Paper Co. Packaging cartons which are particularly desirable for packaging articles which may be easily broken or damaged. 2,755,982, 7-2-56, Cl. 229-19.
- Vander Lugt, Thomas, Jr., to Sutherland Paper Co. Cushioned cartons. 2,759,654, 8-21-56, Cl. 229-37.
- Van der Meulen, Leonard. Machine for manufacturing bags. 2,730,934, 1-17-56, Cl. 93-18.
- Van der Minne, Johan L.: *See—*
- Schroeder, Cornelis, and van der Minne. 2,744,870.
- Van Dernooot, Leo W., to D. E. Makepeace Co. Method of manufacturing watch cases. 2,736,951, 3-6-56, Cl. 29-179.
- Van der Plas, Franciscus J. F.: *See—*
- Van Dijk, Christiaan P., and van der Plas. 2,763,699.
- Van der Plas, Franciscus J. F., and C. P. van Dijk, to Shell Development Co. Relatively homogeneous low molecular weight copolymers, their preparation and compositions containing the same. 2,756,219, 7-24-56, Cl. 260-32.2.
- Vander Ploeg, Alfred R., to The Texas Co. Catalytic cracking and regeneration of catalyst. 2,760,913, 8-28-56, Cl. 196-52.
- Van der Poel, Franciscus H. J.: *See—*
- Valeton, Josue J. P., Hardi, and van der Poel. 2,775,716.
- Vander Pool, Douglas G.: *See—*
- Kali, Emil O., Rumbold, and Vander Pool. 2,758,441.
- Vanderpool, John F. Cathode plate for zinc recovery. 2,736,697, 2-28-56, Cl. 204-281.
- Vander Pyl, Chester A., Jr.: *See—*
- Hockett, Carl G., Kennedy, and Vander Pyl. 2,771,119.
- Van der Pyl, Edward, to Norton Co. Synthesis of silicon carbide. 2,729,542, 1-3-56, Cl. 23-208.

- Vandersen, Charles W., to Dictograph Products Co., Inc. Microphone support. 2,745,508, 5-15-56, Cl. 181-31.
- Van der Ster, Johannes: *See—*  
Jonkers, Cornelius O., Kohler, Liebe, and van der Ster. 2,771,751.
- Vander Ven, Charles E. Tobacco receptacle and pipe holder. 2,738,101, 3-13-56, Cl. 220-85.
- Van der Wal, Gerrit J., to Dorr-Oliver, Inc. Multiple hydro-cyclones. 2,734,630, 2-14-56, Cl. 209-211.
- Vander Wal, Robert J., L. A. Van Akkeren, and R. J. Buswell, to Swift & Co., Ltd. 2,763,536, 9-18-56, Cl. 99-118.
- Vander Weele, John C.: *See—*  
White, Halbert C. and Vander Weele. 2,757,199.
- Van der Willigen, Paul C., to Hartford National Bank and Trust Co., as trustee. Electrical arc welding. 2,730,465, 1-10-56, Cl. 117-206.
- Van der Willigen, Paul C., to Hartford National Bank and Trust Co., as trustee. Slag-forming body for use in bolt welding and method of making same. 2,755,164, 7-17-56, Cl. 148-23.
- Vander Woude, Jack C., and P. M. Morris, to Eastman Kodak Co. Oxo process-separation and recovery of products and reaction vehicle. 2,763,693, 9-18-56, Cl. 260-604.
- Van der Zijden, Martinus J.: *See—*  
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- Van De Sempel, Achiel: *See—*  
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Hedquist, Milton T., Mayhew, Van De Sempel, and Whalen. 2,753,783.
- Vande Sande, George, to General Railway Signal Co. Gas discharge tube binary device. 2,739,235, 3-20-56, Cl. 250-27.
- Vande Sande, George, to General Railway Signal Co. Relay binary counter. 2,767,910, 10-23-56, Cl. 235-61.
- Vande Sande, George, to General Railway Signal Co. Relay stepping bank. 2,768,334, 10-23-56, Cl. 317-140.
- Van Deussen, Walter: *See—*  
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Minsk, Louis M., Van Deussen, and Robertson. 2,751,296.
- Van Deventer, Christopher, III, to National Plastics, Inc. Cloth roller bearings for looms. 2,741,516, 4-10-56, Cl. 208-15.
- Van Deventer, Christopher, III, to National Plastics, Inc. Shuttle roller supports for looms. 2,755,825, 7-24-56, Cl. 139-185.
- Van Deventer, Christopher, III, to National Plastics, Inc. Loom sheaves. 2,760,378, 5-28-56, Cl. 74-230.01.
- Van Derenter, Frank M., to Walworth Co. Valve and pipe line assemblies. 2,747,831, 5-29-56, Cl. 251-124.
- Van Deventer, Harry R., and J. J. Shively, to Telephone Answering and Recording Corp. Control circuits for telephone answering and recording devices. 2,743,315, 4-24-56, Cl. 179-6.
- Van Deventer, Ralph E., to Studebaker-Packard Corp. Method of welding cylinder to head. 2,269,226, 11-6-56, Cl. 29-130.4.
- Van De Warker, Merle M., to Crawford Door Co. Nylon roller bearing roller assembly. 2,757,054, 7-31-56, Cl. 308-208.
- Van de Wateren, Cornelius G., to Shell Development Co. Method and reactor for continuously reacting liquids while adding or removing heat. 2,762,082, 9-11-56, Cl. 23-1.
- Van de Wiel, Alfred, to Hartford National Bank and Trust Co., as trustee. Mutator system, more particularly a rectifying system, in the Graetz arrangement, and to a method of controlling such a system. 2,748,317, 5-29-56, Cl. 315-144.
- Van de Zande, Lodewijk J. C. Process for fireproofing porous materials. 2,769,729, 11-6-56, Cl. 117-137.
- Van Dijk, Willem J. D., to Shell Development Co. Separation of emulsions by filtration. 2,758,720, 8-14-56, Cl. 210-149.
- Van Dijk, Willem J. D., to Shell Development Co. Method of preventing retrograde condensation in gas fields. 2,767,791, 10-23-56, Cl. 166-7.
- Van Dijk, Christiaan P.: *See—*  
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Van Dijk, Christiaan P., and F. J. F. van der Plas, to Shell Development Co. Homogeneous steady state conversions in turbulence chambers and apparatus therefor. 2,763,699, 9-18-56, Cl. 260-654.  
Van Dijk, John C.: *See—*  
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Van Dok, Willem S. Apparatus for wrapping fruit. 2,743,564, 5-1-56, Cl. 5-227.
- Van Dolah, Delos B., to Swift & Co. Poultry processing apparatus. 2,732,583, 1-31-56, Cl. 17-11.2.
- Van Doorn, Donald W., and W. C. Pease III, to Lummas Cotton Gin Co. Operating mechanism for gin breasts and multiple gin system. 2,761,378, 9-4-56, Cl. 19-48.
- Van Doorne, Hubertus J., and J. J. Pon. Vehicle convertible for carrying men or goods. 2,729,501, 1-3-56, Cl. 296-66.
- Van Doorne, Hubertus J. Tractor for towing ordnance or other heavy vehicles. 2,746,586, 5-22-56, Cl. 192-99.
- Van Doren, William A. Box dumping machine. 2,735,561, 2-21-56, Cl. 214-311.
- Van Dorn, Horace B., and R. W. Moran, to The Fafnir Bearing Co. Gear-tooth construction. 2,737,057, 3-6-56, Cl. 74-460.
- Van Dorsten, Adrianus C., and A. Vorhoff, to Hartford National Bank and Trust Co., as trustee. High-vacuum molecular pump. 2,730,297, 1-10-56, Cl. 230-118.
- Vandre, Walter E. Automatic bottle cap remover. 2,747,443, 5-29-56, Cl. 81-8.2.
- Van Dusen, Charles A. and L. W., to Van Dusen Engineering Co. Vacuum fixture. 2,730,325, 1-10-56, Cl. 248-206.
- Van Dusen, Charles H., Jr.: *See—*  
Brinck, Frederic E., and Van Dusen. 2,773,779.
- Van Dusen, Charles H., Jr., to Addressograph-Multigraph Corp. Printing plates. 2,732,796, 1-31-56, Cl. 101-149.2.
- Van Dusen Engineering Co.: *See—*  
Van Dusen, Charles A. and L. W. 2,730,325.
- Van Dusen, Frederic E., to Van Dale Farv. Machines, Inc. Vehicle mounted bale loader. 2,758,729, 8-14-56, Cl. 214-77.
- Van Dusen, Harold A., Jr., to McGraw Electric Co. Swivel marker for elevated runway fixtures. 2,750,488, 6-12-56, Cl. 240-1.2.
- Van Dusen, Harold A., Jr., to McGraw Electric Co. Airfield light projector. 2,764,670, 9-23-56, Cl. 240-1.2.
- Van Dusen, Laurence W.: *See—*  
Van Dusen, Charles A. and L. W. 2,730,325.
- Van Dusen, Laurence W., to Mission Industries. Necktie hanger. 2,760,648, 8-28-56, Cl. 211-118.
- Van Duyn, Adrianus, to U. S. Slicing Machine Co., Inc. Combination weighing and price computing machine. 2,737,382, 3-6-56, Cl. 263-49.
- Van Duyn, Adrianus, to U. S. Slicing Machine Co., Inc. Weighing scale. 2,746,342, 5-22-56, Cl. 88-1.
- Van Duyn, Adrianus, to U. S. Slicing Machine Co., Inc. Knife and bearing structure for weighing scales. 2,746,814, 5-30-56, Cl. 263-52.
- Van Dyke, Arthur W., to The Diamond Match Co. Molded pulp carton. 2,762,547, 9-11-56, Cl. 229-2.5.
- Van Dyke, Arthur W., to The Diamond Match Co. Molded pulp carton. 2,762,548, 9-11-56, Cl. 229-2.5.
- Van Dyke, Arthur W., to The Diamond Match Co. Molded pulp carton. 2,762,549, 9-11-56, Cl. 229-2.5.
- Van Dyke, Henry A. Variable speed transmission. 2,762,239, 9-11-56, Cl. 74-690.
- Van Elkan, Barth: *See—*  
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- Van Embden, Hendrik J. M., to Hartford National Bank and Trust Co., as trustee. Method for sealing an iron member to a glass part. 2,759,252, 8-21-56, Cl. 29-472.9.
- Van Epp, John W. K. Materials testing device. 2,737,048, 3-6-56, Cl. 73-79.
- Vanes, John A. Revolving trough cattle feeder. 2,745,380, 5-15-56, Cl. 119-52.
- Van Esley, Theodore. Polish applicator. 2,742,660, 4-24-56, Cl. 15-138.
- Van Essen, Harold E., Jr.: *See—*  
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- Van Etten, Howard A., to E. I. du Pont de Nemours and Co. Bookbinding material comprising a vinyl chloride polymer resin. 2,763,223, 1-31-56, Cl. 260-23.
- Van Eyk, Christiaan J. Electrical contactor. 2,762,884, 9-11-56, Cl. 200-117.
- Van Fowler, Jess. Quick-release knockout punch. 2,735,489, 9-11-56, Cl. 164-101.
- Van Gelder, Dirk W., to Koninklijke Industriële Maatschappij voorheen Noury & Van der Lande N. V. Process for the preparation of a novel sodium perborate trihydrate. 2,761,759, 9-4-56, Cl. 23-60.
- Van Gelder, Gozewijn: *See—*  
Vervest, Wilhelmus L., van Gelder, and Waarle. 2,770,136.
- Van Gelder, Gozewijn, and W. L. Vervest, to Hartford National Bank and Trust Co., as trustee. High-frequency coil of the kind comprising a tapping which is displaceable by means of a screw spindle. 2,769,963, 11-6-56, Cl. 336-139.
- Van Gelder, Zeger, to Hartford National Bank and Trust Co., as trustee. Device of the kind comprising an energy amplifying tube having a pentode characteristic curve. 2,755,411, 7-17-56, Cl. 315-13.
- Van Gieson, David W. Telephone index. 2,741,860, 4-17-56, Cl. 10.5.
- Van Gilder, Carl F., and W. C. Harney, to Esso Research and Engineering Co. Solutions of rubbery polymers from particles of uniform diameter. 2,771,458, 11-20-56, Cl. 260-33.6.
- Van Graafeiland, Milton I.: *See—*  
Brokaw, George Y., and Van Graafeiland. 2,732,387.
- Van Ham, Ernest E., to Jerguson Gas & Valve Co. Liquid level indicator. 2,747,404, 5-29-56, Cl. 73-302.
- Van Hare, George, and R. Montgomery, to Chemical Construction Co. Method of precipitating metals in metallic form from ammoniacal ammonium salt solutions. 2,733,990, 2-7-56, Cl. 75-108.
- Vanharen, Lambert, and P. Octors, to Solvay & Cie. Method for extraction of alkali metals from their amalgams. 2,750,281, 6-12-56, Cl. 75-56.
- Van Heuven, Engelbert W.: *See—*  
Bergmans, Jan, and Van Heuven. 2,745,623.
- Van Heuven, Engelbert W., to Hartford National Bank and Trust Co., as trustee. Resilient support for low-pressure mercury vapor discharge lamp. 2,762,909, 9-11-56, Cl. 240-90.
- Van Hoek, Cornelis, to Nederlandse Centrale Organisatie Voor Toegepast-Natuurwetenschappelijk Onderzoek. Electrodiaphragm with supported membranes. 2,735,812, 2-21-56, Cl. 204-301.



- Van Hoek, Cornelis, and S. G. Wiechers, to Nederlandse Centrale Organisatie Voor Toegepast-Natuurwetenschappelijk Onderzoek. Multicell electrodiagnosis apparatus. 2,758,083, 8-7-56, Cl. 204—301.
- Van Hoesen, Edmund M.: *See—*
- Van Hoot, Henry J., Nowack, and Van Hoesen. 2,763,045.
- Hoot, Henry J., Nowack, and Van Hoesen. 2,771,827.
- Van Hoesen, Harold E.: *See—*
- Streuber, Rudolf G., Van Hoesen, and Willison. 2,760,143.
- Van Hofweegen, Johannes M., to Hartford National Bank and Trust Co., as trustee. Frequency-modulated oscillator with automatic frequency correction. 2,768,293, 10-23-56, Cl. 250—36.
- Van Hook, Charles F. Vertical twisting machine. 2,773,344, 12-11-56, Cl. 57—58.52.
- Van Hook, Charles F., to Jet-Heat, Inc. Liquid heating and circulating systems. 2,755,792, 7-24-56, Cl. 126—210.
- Van Horn, Clarence R., and G. P. Pirwitz, to Wollensak Optical Co. Lens cap. 2,769,364, 11-6-56, Cl. 88—1.
- Van Horn, Maurice H.: *See—*
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- Van Horne, Vera C. Girdle. 2,745,103, 5-15-56, Cl. 2—37.
- Van Horne, William L.: *See—*
- Bauer, La Verne N., Neher, and Van Horne. 2,731,448.
- Van Houten, George R. Electrodeposition of bright zinc plate. 2,729,602, 1-3-56, Cl. 204—55.
- Van Houten, George R., and A. J. Malpeis, to Service Metal Fabricators, Inc. Die for automobiles. 2,758,392, 8-14-56, Cl. 34—229.
- Van Ike, Malcolm. Lamp-heated vaporizer. 2,761,055, 8-28-56, Cl. 219—45.
- Vaniman, George H.: *See—*
- Christensen, Carsten O., and Vaniman. 2,769,291.
- Van Iperen, Bernardus B., to Hartford National Bank and Trust Co., as trustee. Velocity modulation tube of the kind comprising a drift space. 2,754,448, 7-10-56, Cl. 315—6.
- Van Iperen, Dirk C.: *See—*
- Blok, Lourens, and van Iperen. 2,751,481.
- Van Iperen, Dirk C., to Hartford National Bank and Trust Co., as trustee. Method of heating a workpiece by high-frequency currents. 2,759,085, 8-14-56, Cl. 219—10.41.
- Van Iperen, Dirk C., to Hartford National Bank and Trust Co., as trustee. Inductor for inductive H. F. heating. 2,765,389, 10-2-56, Cl. 219—10.79.
- Vanity Hair Mills, Inc.: *See—*
- Bellini, Eugene. 2,750,772.
- Bellini, Eugene. 2,775,108.
- Van Jeppond, Howard: *See—*
- Wilson, Rex, and Van Jeppond. 2,760,108.
- Van Kesteren, Jacob, to N. Y. Centrale Suiker Maatschappij. Process for purifying molasses and crystallizing sugar therefrom. 2,759,857, 8-21-56, Cl. 127—48.
- Van Kaick, Edmund, and H. Hess. Internal pole generator for alternating currents. 2,748,342, 5-29-56, Cl. 322—28.
- Van Krevelen, Dirk W., and A. L. de Gelder, to Maatschappij voor Kolenvoerwerkings Stancarbon N. V. Preparation of amides and lactams. 2,769,000, 10-30-56, Cl. 260—239.3.
- Van Krevelen, Edward R., to General Mills, Inc. Apparatus for remote control of balloon altitude. 2,740,598, 4-3-56, Cl. 214—96.
- Van Lare, Earl J.: *See—*
- Titus, Leslie G. S., and Van Lare. 2,748,115.
- Van Lare, Earl J., to Eastman Kodak Co. Symmetrical carbocyanine dyes. 2,739,149, 3-20-56, Cl. 260—240.65.
- Van Leer, Oscar J., and C. C. Grotnes, to Grotnes Machine Works, Inc. Method of and apparatus for making steel drums. 2,733,502, 2-7-56, Cl. 29—438.
- Van Lieshout, Louisius J. A., to Consolidated Electronics Industries Corp. Transmission device. 2,772,760, 12-4-56, Cl. 192—4.
- Van Litsenburg, Joseph T. W., to Luxor Plastics N. V. Stopper for tablet containers. 2,767,864, 10-28-56, Cl. 215—37.
- Van Loenen, William F.: *See—*
- Titus, Leslie, and Van Loenen. 2,729,855.
- Van Loon, Mintje, to Shell Development Co. Compounded lubricating compositions. 2,744,069, 5-1-56, Cl. 252—40.7.
- Van Loon, Willem, to N. V. Stamicarbon: *See—*
- Kardanus, Georg, and van Loon. 2,742,001.
- Van Loon, Willem, and S. Koopal, to Stamicarbon N. V. Preparation of calcium carbide. 2,738,256, 3-13-56, Cl. 213—208.
- Van Meter, Theodore: *See—*
- Gardiner, Duncan B., Parsons, and Van Meter. 2,768,699.
- Van Meter, Vincent J.: *See—*
- Politsch, Verney G., Early, and Van Meter. 2,755,703.
- Van Meter, William J. Double hinged door. 2,738,543, 3-20-56, Cl. 16—147.
- Van Milligen, Frank D.: *See—*
- Reinhardt, Frank D., and van Milligen. 2,768,525.
- Welsh, Robert J., and van Milligen. 2,731,798.
- Vann, William H., to General Motors Corp. Crankshaft rear bearing cap oil seal. 2,746,429, 5-22-56, Cl. 121—194.
- Vannah, William E.: *See—*
- Howe, Wilfred H., and Vannah. 2,754,053.
- Van Ness, Bruce, to The Louis Allis Co. Shipping container. 2,733,851, Cl. 229—14.
- Van Ness, Hubert W.: *See—*
- Farwig, Edward C., and Van Ness. 2,748,343.
- Stadium, Clarence B., Hartwig, and van Ness. 2,735,037.
- Van Ness, Hubert W., to Westinghouse Electric Corp. Weld current meter and monitor. 2,739,215, 3-20-56, Cl. 219—4.
- Van Ness, Hubert W., to Westinghouse Electric Corp. Electric discharge apparatus. 2,760,141, 8-21-56, Cl. 321—7.
- Vannest, Amil A.: *See—*
- McCafee, Frank W., Snively, and Vannest. 2,763,900.
- Van Nice, Robert L.: *See—*
- Evans, William G., Van Nice, and Hall. 2,740,086.
- Van Nice, Robert L., to Westinghouse Electric Corp. Flip-flop element for control systems. 2,760,085, 8-21-56, Cl. 307—88.
- Van Nice, Robert L., to Westinghouse Electric Corp. Flip-flop elements for control systems. 2,760,086, 8-21-56, Cl. 307—88.
- Van Nordstrand, Robert A., to Sinclair Refining Co. Regeneration of silica-magnesia cracking catalysts. 2,754,272, 7-10-56, Cl. 252—416.
- Van Nordstrand, Robert A., H. L. Pelzer, and J. W. Teter, to Sinclair Refining Co. Recovery of cyclohexane and methyl cyclopentane from petroleum. 2,759,917, 8-21-56, Cl. 260—96.5.
- Van Norman Co.: *See—*
- Healy, Francis P. 2,737,760.
- Van Norman, Kenneth M. Lighters. 2,729,085, 1-3-56, Cl. 67—41.
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- Van Oosterhout, Hieronimus A.: *See—*
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- Cransberg, Rolf, and Van Oosterhout. 2,742,413.
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- Van Ormer, William K., and J. B. Aust, to The Carborundum Company. Abrasive article. 2,770,928, 11-20-56, Cl. 51—195.
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- Van Overbeek, Johannes: *See—*
- Soloway, Samuel B., Morales, and Van Overbeek. 2,758,918.
- Van Pappelendam, Carl A. Method of fabricating structural sandwiches. 2,746,139, 5-22-56, Cl. 29—455.
- Van Pappelendam, Carl A., to North American Aviation, Inc. Apparatus for making corrugated core structural sheet material. 2,747,064, 5-22-56, Cl. 219—4.
- Van Pelt, Arthur A. Bearing construction. 2,740,647, 4-3-56, Cl. 286—10.
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- Van Raden, Harvey B., to Ne Peer Co. Spring shackle construction. 2,733,059, 1-31-56, Cl. 267—30.
- Van Raden, Harvey B., to Ne Peer Co. Tandem axle spring and torque arm assembly. 2,734,755, 2-14-56, Cl. 280—104.5.
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- Jonker, Hendrik, Alink, and van Rijssel. 2,738,272.
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- Van Rosen, Robert E., to Robert Gair Co., Inc. Paperboard carton. 2,741,418, 4-10-56, Cl. 229—45.

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- Van Rossem, Walter J. Package of reversible hydrocolloid impression material and water-soluble inorganic salt. 2,729,328, 1-3-56, Cl. 206-63.5.
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- Van Ryan, Anthony, to McGraw Electric Co. Mercury vapor lighting system. 2,760,117, 8-21-56, Cl. 315-12.
- Van Ryan, Anthony, to McGraw Electric Co. Lock-in circuit interrupters. 2,734,972, 2-14-56, Cl. 200-150.
- Van Ryzin, Joseph P., to Appleton Wood Products Co. Section box cover. 2,740,332, 4-3-56, Cl. 92-51.
- Van Sant, Lewis R.: See—
- Kalhofer, Walter P., 2,738,191.
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- Van Scoy, Robert W.: See—
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- Van Staalduinen, Leendert C. A. Set of transplanting pots. 2,741,875, 4-17-56, Cl. 47-38.
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- Pluim, Jan, Spikes, and Van Steeden. 2,733,986.
- Van Steenberg, John P. Apparatus for and method of machining a lathe wedge with disc grinder. 2,743,556, 9-1-56, Cl. 51-125.
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- Van Swaay, Henri. Form for making splints and the like. 2,759,475, 8-21-56, Cl. 128-90.
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- Greefkes, Johannes A., de Jager, and Van Tilburg. 2,744,959.
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- Van Valkenburg, Howard E., and R. E. Sansom, to Sperry Products, Inc. Ultrasonic inspection of rail joints. 2,736,193, 2-28-56, Cl. 73-67.
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- Van Veen, Frederick J. P. Sleeping bag structure. 2,730,721, 1-17-56, Cl. 2-69.5.
- Van Vliet, John. Apparatus for smoke abatement and by-products recovery. 2,744,737, 5-8-56, Cl. 261-91.
- Van Vooren, August: See—
- Voorde, R. W. Van Vooren, and Ruelh. 2,735,164.
- Van Vooren, Fred A. Air inflating device for tires. 2,761,601, 9-4-56, Cl. 226-20.6.
- Van Voorhes, Joan H.: See—
- Herod, Ray R. 2,758,887.
- Van Vorst, C. B., Co.: See—
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- Van Werd, Johannes H. F.: See—
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- Van Winkle, Thomas W.: See—
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- Van Winkle, Delbert M.: See—
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- Van Winkle, John L.: See—
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- Watson, Forrest J., Morris, and Van Winkle. 2,753,368.
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- Bolt, John A., and Van Wyk. 2,752,316.
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- Van Zelm, Willem D. Hydraulic brake with cooling means. 2,747,702, 5-29-56, Cl. 188-264.
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- Van Zelst, Johannes J. Z., to Hartford National Bank and Trust Co., as trustee. Dual channel amplifying circuit. 2,775,657, 12-25-56, Cl. 179-171.
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- Armbrust, Roy J., and La Rocque. 2,735,410.
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- Moore, Edward B., Peterson, and Stack. 2,743,740.
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- Parks, William W., and Peterson. 2,760,726.
- Payne, Harold W. 2,771,934.
- Peterson, William R., and Krupp. 2,729,394.
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- Vapor Recovery Systems Co.: See—
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- Varga, Andrew. Color television system. 2,740,831, 4-3-56, Cl. 178-5.
- Varga, Oscar W., to Technical Equipment Corp. Machines for cleaning hypodermic needles. 2,754,534, 7-17-56, Cl. 15-302.
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- Varian Associates: See—
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- Varney, Bruce D., C. Scholes, and J. T. Landes, to National Alfaifa Dehydrating and Milling Co. Method of making granular, dehydrated products. 2,739,895, 3-27-56, Cl. 99-2.
- Varney, Frederick M. Airborne radiation detector. 2,730,626, 1-6-56, Cl. 250-53.5.
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- Vasby, Oscar A. Ice cream freezer and dispenser. 2,758,823, 8-14-56, Cl. 259-9.
- Vasey, Charles H., to Imperial Chemical Industries Ltd. Hexahydro-4,6-dione derivatives. 2,760,962, 8-28-56, Cl. 260-260.
- Vasey, John G. Shake splitting machines. 2,771,107, 11-20-56, Cl. 144-193.
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- Vaughan, Vernon V. Control panel for balancing rotors. 2,736,820, 2-28-56, Cl. 307-17.
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- Vaughan, William, to American Optical Co. Device for attaching a lens blank or the like with its holder. 2,734,322, 2-14-56, Cl. 51-277.
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- Vaughan, William, to American Optical Co. Method of attaching articles for selective assembly with different devices. 2,765,523, 10-9-56, Cl. 29-406.
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- Vaughn, Rudolph M. Method of milling an undercut slot in a screw head. 2,745,120, 5-15-56, Cl. 10-10.
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- Vavra, Michael H., to The Hydrofoil Corp. Hydrofoil attack craft. 2,749,870, 6-12-56, Cl. 114-66.5.
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- Vedder, William J., to Oswego Falls Corp. Bottle closure means and printing means. 2,736,258, 2-28-56, Cl. 101-35.
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- Veenmans, Cornelis F. to Hartford National Bank and Trust Co., as trustee. Transport path comprising signal devices. 2,743,808, 9-1-56, Cl. 198-40.
- Veensooth, Vincent V., to Blaw-Knox Co. Automatic locking means for fluid pressure operated devices. 2,743,796, 5-1-56, Cl. 121-40.
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- Vegren, Conrad R. Quick acting connector. 2,751,238, 6-19-56, Cl. 287-119.
- Vegren, Conrad R. Pre-spring device for rocket launcher. 2,775,163, 12-25-56, Cl. 89-1-7.
- Vegter, Herman J., and P. W. Hage, to Stamcarbon N. V. Treatment of liquid materials in a hydrocyclone. 2,754,968, 7-17-56, Cl. 209-211.
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- Velazquez, Jose L. Vertically rising airplane. 2,761,634, 9-4-56, Cl. 244-42.
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- Veldstra, Hany, and A. M. Akkerman, to N. V. Amsterdamsche Chiniefabriek N. V. for the preparation of new oxytocically active compounds and preparations. 2,750,356, 6-12-56, Cl. 260-293.
- Velepeck, Rudolph J., to Upon Brothers, Inc. Anchoring means for the shanks of hand tools. 2,759,734, 8-21-56, Cl. 279-102.
- Vella, Luigi. Automatic calibrating machine for cylindrical rollers. 2,736,966, 3-6-56, Cl. 33-147.
- Vella, Luigi. Dampened thread guide. 2,747,360, 5-29-56, Cl. 57-108.
- Vella, Salvatore S., and P. J. F. E. and C. S. Musso, to Air-Flow Onion Clipper Mfg. Co., Inc. Apparatus for clipping tops from onions. 2,750,977, 6-19-56, Cl. 146-83.
- Velluz, Leon: *See—*  
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- Venner, William M., P. L. Bowser, Jr., and W. F. Peterson; said Venner and said Bowser, Jr., to Sterling Aluminum Products, Inc. Trunk piston. 2,737,428, 3-6-56, Cl. 300-13.
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- Vent, Bruce R., to Temp-R-Lens, Inc. Apparatus and method for toughening ophthalmic lenses, or the like, and to the toughened lens. 2,762,166, 9-11-56, Cl. 49-45.
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- Verderber, Joseph, to The Cleveland Universal Dig Co. Index table. 2,748,709, 10-30-56, Cl. 184-6.
- Verduin, John, to W. R. Grace & Co. Textile print work blanket. 2,743,206, 4-24-56, Cl. 154-54.5.
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- Vergobbi, John G., to Pneumatic Scale Corp., Ltd. Machine for forming windowed cartons. 2,766,666, 10-16-56, Cl. 93-36.
- Vergobbi, Robert W., to Pneumatic Scale Corp., Ltd. Packaging machine. 2,768,653, 10-30-56, Cl. 141-59.



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- Verhoeft, Adrianus, and W. de Vries, to Hartford National Bank and Trust Co., as trustee. Automatic device for preventing unwanted outflow of gases from one space to another. 2,741,260, 4-10-56, Cl. 137-460.
- Verkuil, Leo L. Safety wrench for electrical fuses. 2,743,640, 5-1-56, Cl. 51-104.
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- Verrean, Frank B. Archery bow. 2,758,587, 8-14-56, Cl. 124-23.
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 Lippert, Erhard M., Schultz, and Neyfeldt. 2,731,206.  
 Victor Chemical Works *See*—  
 Bowman, Frederick, and Ramsey. 2,711,357.  
 Coleman, William B. 2,749,306.  
 Toy, Arthur D. F., and Costello. 2,754,315.  
 Toy, Arthur D. F., and Rattenbury. 2,735,789.  
 Victor Equipment Co. *See*—  
 Zimmer, Ray R., and Rueff. 2,768,640.  
 Victor, John H., to Victor Mfg. & Gasket Co. Gasket. 2,753,199, 7-3-56, Cl. 288-21.  
 Victor, Joseph A. *See*—  
 Bahn, John J., and Victor. 2,742,582.  
 Victor, Joseph B., to Victor Mfg. & Gasket Co. Gasket. 2,729,483, 1-3-56, Cl. 288-26.  
 Victor Mfg. & Gasket Co. *See*—  
 Kosatka, Thomas O. 2,729,482.  
 Victor, John H. 2,753,199.  
 Victor, Joseph B. 2,729,483.  
 Victor Vending Corp. *See*—  
 Schaeff, Harold M. 2,772,811.  
 Victoreen Instrument Co., The *See*—  
 Victoreen, John A. 2,756,846.  
 Victoreen, John A., to The Victoreen Instrument Co. Pocket ionization chamber. 2,756,846, 7-24-56, Cl. 250-83.3.  
 Victoria Machine Tool Co. Ltd. *See*—  
 Selby, James. 2,747,150.  
 Victoria Vogue, Inc. *See*—  
 Bihler, Roger, and Bell. 2,733,752.  
 Victorite Industries, Inc. *See*—  
 Fitz Gerald, Harold G. 2,767,611.  
 Victory Plastics Co. *See*—  
 Collins, William J. 2,771,384.  
 Stickles, Donald C. 2,744,846.  
 Victory Produkter Aktiebolag *See*—  
 Hübner, Franz K. 2,773,654.  
 Victory, Thomas K. M. *See*—  
 Tegarty, John B. 2,764,929.  
 Victrolac Ltd. *See*—  
 Metcalf, John H. 2,732,967.  
 Victrolite Candle Co. *See*—  
 Krane, Casimir. 2,775,006.  
 Vidal, Basil *See*—  
 Kelbert, Rudolph S., and Vidal. 2,730,860.  
 Vidale, Maurice. Electric water heaters of the accumulator type. 2,763,764, 1-18-56, Cl. 219-38.  
 Vides, Max M. Simultaneous sound and motion picture system. 2,729,454, 1-3-56, Cl. 274-4.  
 Vidmar, John P., to Hanna Coal & Ore Corp. Gasket protector. 2,744,514, 5-8-56, Cl. 123-193.  
 Vidrick, Thomas J. *See*—  
 Karsten, Walter P., and Vidrick. 2,733,472.  
 Vieceli, Joseph L., to Sunbeam Corp. Starter for internal combustion engine. 2,741,235, 4-10-56, Cl. 123-185.  
 Viehmann, John C. L. Adjustable extension table apron. 2,750,242, 6-12-56, Cl. 311-42.  
 Viel, Floyd W. *See*—  
 Bestland, Jergen, and Viel. 2,738,633.  
 Vierkötter, Paul. Cooling process and device for the performance of a reaction. 2,772,540, 12-4-56, Cl. 62-1.  
 Vierling, Clarence M., and Vierling. 2,740,976.  
 Freeman, Benjamin W., and Vierling. 2,740,976.

- Vierling, Donald E. Liquid fertilizers. 2,770,538, 11-13-56, Cl. 71-29.  
 Vierling, Donald E. Liquid fertilizers. 2,770,540, 11-13-56, Cl. 71-43.  
 Vierling, John A., to Brown & Bigelow. Adjustable valve for liquid petroleum gas lighters. 2,733,890, 2-7-56, Cl. 251-215.  
 Vierling, John A., to Brown & Bigelow. Pencils. 2,767,687, 10-28-56, Cl. 120-18.  
 Vieten, Elisabeth *See*—  
 Vieten, Hans. 2,765,386.  
 Vieten, Hans, deceased; E. Vieten, legal representative. Means for bonding thermoplastic materials. 2,765,386, 10-2-56, Cl. 219-10.53.  
 Vieth, Albert B., to Price Battery Corp. Automatic casting machine. 2,762,094, 9-11-56, Cl. 22-75.  
 Vieweg, Albin *See*—  
 Bauersfeld, Walther, Werner, and Vieweg. 2,748,652.  
 Viewlex, Inc. *See*—  
 Pollan, David, Halahan, Lyon, and Aronson. 2,748,653.  
 Vignart, Joseph A. Ore washing machine. 2,764,201, 9-25-56, Cl. 209-269.  
 Vig, John. Dental model. 2,750,670, 6-19-56, Cl. 32-71.  
 Vigietha, Michael J., to Royal Moulders, Inc. Self-locking tubular frame display device. 2,749,636, 6-12-56, Cl. 40-152.  
 Vigmotard, Trygve, to Chrysler Corp. Deck lid hinge. 2,751,625, 6-26-56, Cl. 16-163.  
 Vignardet, Roger F. *See*—  
 Masmontel, Henry J., and Vignardet. 2,763,261.  
 Vignere, Leonard, Sr. Oil gas generating burner structure. 2,732,890, 1-31-56, Cl. 158-28.  
 Vigrén, Sten D., W. O. W. Broberg, and R. A. Zander. Electrical contact spring assembly. 2,740,871, 4-3-56, Cl. 206-16.  
 Viking Mfg. Co. *See*—  
 Erickson, John A. 2,755,899.  
 Erickson, John A. 2,759,591.  
 Viking Tool & Machine Corp., The *See*—  
 Lonnqvist, Lars. 2,741,712.  
 Viking Valve Co. *See*—  
 Carlson, George E., Badger, and Owen. 2,744,665.  
 Vilá Reyes, Juan. Thread tension regulating means for reeling machines and the like. 2,745,610, 5-15-56, Cl. 236-69.  
 Vilbig, Friedrich. Apparatus and method for analyzing, compressing or expanding speech and other sound recordings. 2,769,031, 10-30-56, Cl. 179-1.  
 Ville, Norman J., to The Eagle Lock Co. Laminated lock mechanism. 2,744,404, 5-3-56, Cl. 70-52.  
 Vilkomerson, Benjamin S., to Radio Corp. of America. Deflection waveform generator. 2,729,744, 1-3-56, Cl. 250-36.  
 Vilkomerson, Benjamin S., to Radio Corp. of America. Electronic oscillator circuits. 2,729,766, 1-3-56, Cl. 315-27.  
 Villani, Frank J. *See*—  
 Sperber, Nathan, Villani, and Papa. 2,739,968.  
 Villani, Frank J., to Schering Corp. Substituted cyclohexylamines and process for preparing same. 2,764,519, 9-25-56, Cl. 167-45.  
 Villani, Frank, and D. Papa, to Schering Corp. Aminoalkylbenzene derivatives. 2,746,969, 5-22-56, Cl. 260-296.  
 Villanueva, Oscar. Educational question and answer toy. 2,742,713, 1-24-56, Cl. 35-9.  
 Villar, Manuel P., Catamaran. 2,748,740, 6-5-56, Cl. 114-39.  
 Villard, Oswald G., Jr. Frequency selective apparatus. 2,774,043, 12-11-56, Cl. 333-80.  
 Villars, Paul H. *See*—  
 Eckert, Francis M., MacDonnell, and Villars. 2,769,883.  
 Villichur, Edgar M., to Acoustic Research, Inc. Sound translating devices. 2,775,309, 12-25-56, Cl. 181-31.  
 Villmann, Walter R., to Siemens & Halske Aktiengesellschaft. Automatic telephone system. 2,734,101, 4-7-56, Cl. 179-16.  
 Villnave, James J. Lid remover and retainer. 2,759,381, 8-21-56, Cl. 81-3.1.  
 Vilter, E. F., Sales, Inc. *See*—  
 Branstrator, Clem G. 2,757,888.  
 Vilter Mfg. Co., The *See*—  
 Sloan, Harry. 2,747,382.  
 Vinal, Albert F. *See*—  
 Jobe, George T., and Vinal. 2,766,815.  
 Jobe, George T., Weber, and Vinal. 2,747,806.  
 Vinal, Leroy W., to E. I. du Pont de Nemours & Co. Bristle feeding and cutting machine. 2,736,609, 2-28-56, Cl. 300-2.  
 Vinal, Andrew W. Cross-bar switch. 2,729,706, 1-3-56, Cl. 179-27.54.  
 Vincent, Andrew W. Coordinate electrical switching means. 2,731,516, 1-17-56, Cl. 179-27.54.  
 Vincent, Andrew W. Automatic telephone system. 2,753,400, 7-3-56, Cl. 179-18.  
 Vincent, Hugh C. *See*—  
 Kirchmeyer, Frederick J., and Vincent. 2,741,573.  
 Vincent, Jean Marie G. *See*—  
 Thomann, Raymond A., and Vincent. 2,742,088.  
 Vincent, John J. *See*—  
 Moseley, John F., Thomas, and Vincent. 2,762,399.  
 Vincent, John J., and P. Hunter, to The British Cotton Industry Research Association. Device for measuring the unspinning tenacity from a textile yarn package. 2,745,281, 5-15-56, Cl. 73-143.



- Vincent, Mervyn F.: *See*—  
Bloom, George I. M., Duddington, Vincent, and Willbourn. 2,729,615.
- Vincent, Renic P., to Stanolind Oil and Gas Co. Well pump. 2,755,742, 7-24-56, Cl. 103-52.
- Vincent, Renic P., to Stanolind Oil and Gas Co. Wellhead apparatus. 2,766,694, 10-16-56, Cl. 103-52.
- Vincent, Robert E.: *See*—  
Pietti, Gino C., Keeler, Evans, and Vincent. 2,749,291.
- Vincent, Simon. Toy riding horse. 2,738,974, 3-20-56, Cl. 272-1.
- Vincenzi, Reno L.: *See*—  
Heiser, Ferdinand F., McCarty, and Vicenzi. 2,743,871.
- Vine, Corp.: *See*—  
Beam, Albert S., and Stapleton. 2,750,676.  
Donaghey, William B., Stapleton, and Dempsey. 2,741,034.  
Hamal, Ferdinand H. 2,746,882.  
Osplack, Joseph J. 2,735,419.  
Osplack, Joseph J., and Beam. 2,747,424.  
Smith, Clifford B. 2,759,243.
- Vine, Allyn C., to the United States of America as represented by the Secretary of the Navy. Apparatus for measuring buoyancy. 2,739,477, 3-27-56, Cl. 73-178.
- Vine, Benjamin H., to Radio Corp. of America. Apparatus for evaporating chemicals. 2,733,115, 1-31-56, Cl. 316-30.
- Vine, Benjamin H., to Radio Corp. of America. Method and apparatus for processing chemicals. 2,744,629, 5-8-56, Cl. 210-1.
- Vineland Chemical Co.: *See*—  
Schwerde, Arthur. 2,754,241.
- Vineland Poultry Laboratories: *See*—  
Seitzer, William. 2,734,482.
- Vines, Alan, G. L. F., Welham, and G. T. Maughan, to The Fairley Aviation Co. Ltd. Manufacture of complex structures of sheet material. 2,737,725, 3-13-56, Cl. 33-174.
- Vines, Oscar L., to Alford Cartons. Dispensing carton. 2,736,484, 2-28-56, Cl. 229-17.
- Vines, Oscar L., to Alford Cartons. Carton. 2,775,390, 12-25-56, Cl. 229-28.
- Vines, Oscar L., to Alford Cartons. Carton. 2,775,391, 12-25-56, Cl. 229-28.
- Vines, Raymond F., and C. Dietz, to The Dentists' Supply Co. of New York. Artificial tooth and process of making the same. 2,766,527, 10-16-56, Cl. 32-8.
- Vining, Howard C., to Jones & Vining, Inc. Method of making a shoe last or a shoe tree. 2,759,206, 8-21-56, Cl. 12-46.
- Vinson, William A. Soldering device. 2,765,026, 10-2-56, Cl. 158-33.
- Viohl, Paul, to United States Rubber Co. Curing of polyisobutylene. 2,748,104, 5-29-56, Cl. 260-79.5.
- Violet, Henry, Jr. Sectional threshold for sliding doors. 2,744,801, 5-8-56, Cl. 20-64.
- Violet, Frédéric: *See*—  
Gutton, Henri, and Violet. 2,730,652.
- Violette, Richard J. Electrical and electronic encapsulated circuitry. 2,761,891, 9-4-56, Cl. 174-17.
- Violette, Theodore T. Barrel lifting tool. 2,732,247, 1-24-56, Cl. 294-87.22.
- Virchaux, Paul, and H. Korber. Thread-feeding attachment for knitting frames. 2,750,773, 6-19-56, Cl. 66-132.
- Viret, Andre P.: *See*—  
Poly, William R., and Viret. 2,740,025.  
Poly, William R., and Viret. 2,768,606.
- Virginia-Carolina Chemical Corp.: *See*—  
Boyer, William P. 2,761,806.  
Chapman, Otto C., and Dean. 2,766,883.
- Virlouvet, Jacques. Control system for slatted roller blinds. 2,738,644, 8-14-56, Cl. 160-170.
- Virta, Norman A.: *See*—  
Ullman, Fred E., and Virta. 2,752,083.
- Virtis Co., Inc.: *See*—  
Bender, Charles E. 2,766,022.
- Virtue Bros. Mfg. Co.: *See*—  
Humphrey, Robert W. 2,729,526.
- Vischer, Alfred, Jr.,  $\frac{3}{4}$  to W. Vischer,  $\frac{3}{4}$  to A. Vischer, III,  $\frac{1}{4}$  to A. Vischer, Jr., trustee,  $\frac{1}{4}$  to W. W. Zitzewitz,  $\frac{1}{4}$  to E. K. Zitzewitz,  $\frac{1}{4}$  to G. J. Zitzewitz,  $\frac{1}{4}$  to B. O. Zitzewitz, and  $\frac{1}{4}$  to G. V. Bouton. Valves. 2,747,832, 5-29-56, Cl. 231-61.
- Vischer, Alfred, III.: *See*—  
Vischer, Alfred, Jr. 2,747,832.
- Vischer, William: *See*—  
Vischer, Alfred, Jr. 2,747,832.
- Visco Products Co.: *See*—  
Kirkpatrick, Willard H. 2,754,271.  
Kirkpatrick, Willard H. 2,755,296.  
Kirkpatrick, Willard H. 2,775,302.
- Viscolosi, Louis. Bobbin grip assembly for loom shuttles 2,768,650, 10-30-56, Cl. 139-207.
- Visconti, Joseph V., to Lessells and Associates, Inc. Binding post. 2,761,115, 8-28-56, Cl. 339-255.
- Viscontini, Max: *See*—  
Karrer, Paul, and Viscontini. 2,740,775.
- Visconty, George J., to Socony Mobil Oil Co. Method of transporting powder into advanced pressure zone. 2,761,575, 9-4-56, Cl. 214-152.
- Visioneering Co., Inc.: *See*—  
Reuter, Harold A. 2,745,348.
- Visking Corp., The: *See*—  
Carlson, Donald W. 2,751,319.
- Visos, Charles D.: *See*—  
Kueser, John J., and Visos. 2,740,029.
- Visos, Charles D., to Knapp-Monarch Co. Switch construction. 2,729,717, 1-3-56, Cl. 200-122.
- Visos, Charles D., to Knapp-Monarch Co. Bread lift for toasters. 2,750,876, 6-19-56, Cl. 99-391.
- Visos, Charles D., to Knapp-Monarch Co. Control thermostat unit for an electric heater. 2,762,886, 9-11-56, Cl. 200-138.
- Vissac, Gustave A. Cone separator. 2,735,547, 2-21-56, Cl. 200-7.
- Vissac, Gustave A. Fluidized pulsating jig. 2,765,911, 10-9-56, Cl. 209-455.
- Visscher, Frank E., to The Upjohn Co. Scopolamine lower-alkyl halide therapeutic composition. 2,753,288, 7-3-56, Cl. 107-55.
- Visser, Peter J.: *See*—  
Perkins, Charles M., and Visser. 2,763,290.
- Visser, Herbert, to C. V. Machinefabriek H. Visser. Machines for spreading artificial fertilizers and the like. 2,746,650, 5-22-56, Cl. 222-177.
- Vissing, Edling D. C. Telescopic cover devices. 2,738,585, 3-20-56, Cl. 33-50.
- Vitale, Peter T., to Colgate-Palmolive Co. Synthetic detergent compositions. 2,746,932, 5-22-56, Cl. 252-138.
- Vitale, Peter T., and M. E. Liftin, to Colgate-Palmolive Co. Synthetic detergent compositions. 2,733,213, 1-31-56, Cl. 252-137.
- Vitale, Peter T., and M. E. Liftin, to Colgate-Palmolive Co. Synthetic detergent compositions. 2,733,214, 1-31-56, Cl. 252-137.
- Vitale, Peter T., and M. E. Liftin, to Colgate-Palmolive Co. Synthetic detergent compositions. 2,746,931, 5-22-56, Cl. 252-137.
- Vitarama Corp., The: *See*—  
Dresser, Willis R. 2,747,012.  
Dresser, Willis R. 2,756,317.  
Waller, Fred. 2,732,708.  
Waller, Fred, and Dresser. 2,747,456.
- Vitarine Co., Inc., The: *See*—  
Newmark, Harold L. 2,759,870.
- Vita-Var Corp.: *See*—  
Allen, Austin O., Murray, and Liberti. 2,754,217.
- Vitcha, James J., to A. C. Hiemeyer, to Puritan Compressed Gas Corp. Quick connect valve. 2,771,308, 11-20-56, Cl. 284-19.
- Vitense, Harold R., to American Can Co. Marking device for can bodies. 2,734,451, 2-14-56, Cl. 101-5.
- Viterisi, Domenico J., to Collins Radio Co. Signal receiving circuit. 2,771,549, 11-20-56, Cl. 250-20.
- Vitreous Steel Products Co.: *See*—  
Leyerle, Arthur H., and Gillis. 2,735,523.
- Vitro Corp. of America: *See*—  
Maninger, Ralph C. 2,768,370.  
Raynsford, Charles K. 2,731,121.  
Raynsford, Charles K., and Buntentbach. 2,729,103.  
Raynsford, Charles K., Green, and Soffel. 2,766,621.  
Soffel, Arthur R. 2,757,538.  
Timken, Harold A., Jr., and Lancor. 2,751,448.
- Vits-Elektro G. m. b. H.: *See*—  
Thirte, John R. 2,731,736.
- Vits, Hilmar, to Vits-Elektro G. m. b. H. Dryer for piece goods. 2,731,736, 1-24-56, Cl. 34-158.
- Vittorio Necchi S. P. A.: *See*—  
Pagni, Alessandro. 2,754,782.
- Vittorio Necchi Società per Azioni: *See*—  
Bono, Luigi. 2,764,895.  
Pagni, Alessandro. 2,746,411.
- Vittum, Paul W.: *See*—  
Allen, Charles F. H., and Vittum. 2,735,764.  
Storia, Anthony, Vittum, and Weissberger. 2,735,765.  
Thirte, John R., Vittum, and Weissberger. 2,732,300.
- Vitus, Carlton J.: *See*—  
Vitus, Maurice B., M. B. Vitus, Jr., and C. J. Vitus. 2,769,882.
- Vitus, Maurice B., M. B. Vitus, Jr., and C. J. Vitus. Electric switches. 2,769,882, 11-6-56, Cl. 200-168.
- Vitus, Maurice B., Jr.: *See*—  
Vitus, Maurice B., M. B. Vitus, Jr., and C. J. Vitus. 2,769,882.
- Vitz, Carl M.: *See*—  
Duval, Montague M., and Vitz. 2,741,384.
- Vivian, Harold P.: *See*—  
Rissberger, Arthur C., Jr., and Vivian. 2,759,681.
- Vivian, Johnson E. Method of and apparatus for combing and/or blending fibrous material. 2,760,081, 9-11-56, Cl. 19-66.
- Viviani, Giuseppe V.: *See*—  
Giuseppe, Savio, Viviani, and Silva. 2,745,201.
- Vivolo, Michael D. Ash trays. 2,732,968, 1-31-56, Cl. 220-20.5.
- Vix, Henry L. E.: *See*—  
Pominski, Joseph, and Vix. 2,729,661.  
Pominski, Joseph, Vix, and Eaves. 2,759,956.
- Vizard, William C., to Barbour Welting Co. Beaded shoe welting. 2,750,686, 6-19-56, Cl. 36-78.
- Vizard, William C., to Barbour Welting Co. Shoe welting. 2,754,600, 7-17-56, Cl. 36-73.
- Vizard, William C., to Barbour Welting Co. Shoe welting. 2,762,135, 9-11-56, Cl. 36-78.
- Vizzini, Michael S. Table top with removable leg supports. 2,740,679, 4-3-56, Cl. 311-35.
- Vlasak, Edward P.: *See*—  
Borden, Joseph H., and Vlasak. 2,771,160.
- Vlichek Tool Co., The: *See*—  
Koster, Edward C. 2,732,632.

- Vlier Engineering, Inc.: *See*—  
 Cornelius, Paul D.: 2,745,303.  
 Cornelius, Paul D.: 2,745,304.
- Vloch, Mark. X-ray film packet holder with position indicating means. 2,733,354, 1-31-56, Cl. 250-67.
- Vloch, Mark. Horizontal and vertical mountings for X-ray films. 2,757,471, 8-7-56, Cl. 40-138.
- Vnuk, Josef. Lined container and closure therefor. 2,744,655, 5-8-56, Cl. 220-63.
- Vocke, Bernard J.: *See*—  
 Back, James. 2,768,402.
- Vocke, William F.: *See*—  
 Back, James. 2,768,402.
- Vodák, Zdeněk, and O. Leminger. Preparing pyrocatechinsulfonophthalene. 2,772,290, 11-27-56, Cl. 260-327.
- Vodnik, Joseph L., to F. du Pont de Nemours and Co. Apparatus for continuous polymerization. 2,758,915, 8-14-56, Cl. 23-285.
- Voehringer, Blanche M.: *See*—  
 Vöhringer, Ludwig. 2,739,627.
- Voehringer, Carl, Jr.: *See*—  
 Vöhringer, Ludwig. 2,739,627.
- Voehringer, Margaret D.: *See*—  
 Vöhringer, Ludwig. 2,739,627.
- Voehringer, Ralph A.: *See*—  
 Vöhringer, Ludwig. 2,739,627.
- Voelker, Edward H., to Republic Aviation Corp. Method of fabricating and locally reinforcing panels, casings, or covers. 2,760,898, 8-28-56, Cl. 154-104.
- Voelckerdig, Frank J. Gas or liquid line leak detector probe. 2,742,266, 4-17-56, Cl. 255-10.
- Voet, Andries: *See*—  
 Williams, Ira, and Voet. 2,733,155.
- Voet, Andries, and A. E. Yeltinger, to J. M. Huber Corp. Anti-misting printing ink. 2,754,219, 7-10-56, Cl. 106-32.
- Voet, Andries, and J. Williams, to J. M. Huber Corp. Anti-misting printing inks. 2,766,127, 10-9-56, Cl. 106-27.
- Voelink, Gustaaf A. J., to Phillips Petroleum Co. Method of making flexible pipe. 2,758,366, 8-14-56, Cl. 29-435.
- Voge, Jean P. Velocity modulation tubes. 2,773,214, 12-4-56, Cl. 315-6.
- Vogel, Charles B., to Shell Development Co. Seismic hydrophone. 2,760,032, 9-4-56, Cl. 340-10.
- Vogel, Clarence E., to Minneapolis-Honeywell Regulator Co. Automatic steering mechanism. 2,770,428, 11-13-56, Cl. 244-77.
- Vogel, Dick. Boat and method of making same. 2,743,465, 5-1-56, Cl. 9-6.
- Vogel, Harold A., and H. E. Bahr, to No-Sag Spring Co. Aavenport hinged to form a bed. 2,740,131, 4-3-56, Cl. 5-42.
- Vogel, Henry A., and A. R. Bader, to Pittsburgh Plate Glass Co. Modification of polyester bodies. 2,730,517, 1-10-56, Cl. 260-75.
- Vogel, Horst. De-linting devices for clothes dryers. 2,735,507, 2-21-56, Cl. 183-4-3.
- Vogel Luminescence Corp.: *See*—  
 Vogel, Marcel J. 2,733,351.
- Vogel, Marcel J., to Vogel Luminescence Corp. Device for candlelight color. 2,733,351, 2-21-56, Cl. 250-51.
- Vogel, Max R., and B. J. Melliwig, to Binney & Smith Inc. Finger painting composition. 2,764,496, 9-25-56, Cl. 106-158.
- Vogel, Walter: *See*—  
 Kennen, Erich, and Vogel. 2,737,277.
- Vogel, William J., E. Knautz, and P. J. Kiefer, to Combustion Engineering, Inc. Air lance for blowing out superheater elements and the like. 2,770,830, 11-20-56, Cl. 15-406.
- Vogelhar, Bernard F., to Deere & Co. Multi-valve hydraulic control system for combines. 2,766,572, 10-16-56, Cl. 56-21.
- Vogelman, Mortimer L., to Elgin American, Inc. Powder compact. 2,747,586, 5-29-56, Cl. 132-83.
- Vogelley, Clyde E., Jr., and T. Miller, to the United States of America as represented by the Secretary of the Navy. Phase-comparator tracking system. 2,736,019, 2-21-56, Cl. 343-7-4.
- Vogelsang, Francis H., to Allis-Chalmers Mfg. Co. Variable pitch V-belt drive. 2,771,794, 4-3-56, Cl. 74-230,17.
- Vogelsberg, Walter H., to Procter Electric Co. Control apparatus for electrical heating units. 2,740,015, 3-27-56, Cl. 200-116.
- Vogler, Karl B., to Hoffmann-La Roche Inc. Preparation of optically active 3-hydroxy-n-methyl-morphinanes. 2,744,112, 5-1-56, Cl. 260-285.
- Voglesang, Clem L. Dispenser. 2,731,174, 1-17-56, Cl. 222-246.
- Vogt, Alois: *See*—  
 Auwärter, Max. 2,745,131.  
 Auwärter, Max. 2,755,059.  
 Auwärter, Max. 2,758,510.
- Vogt, Adolf, to Wacker-Chemie G. m. b. H. Method of homogenizing plastifiable masses. 2,763,896, 9-25-56, Cl. 18-48.
- Vogt, Clarence W. Production of formed masses of plastic material. 2,733,673, 2-7-56, Cl. 107-54.
- Vogt, Clarence W. Apparatus for forming packages. 2,735,378, 2-21-56, Cl. 107-4.
- Vogt, Clarence W. W. Chain wrapper for plastic and like products. 2,752,037, 6-26-56, Cl. 206-56.
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- Vogt, Clarence W. Pistol grip tape applicator. 2,755,953, 8-24-56, Cl. 216-37.
- Vogt, Clarence W. Tape holder and heater. 2,759,618, 8-21-56, Cl. 216-33.
- Vogt, Clarence W. Method of filling and sealing bags. 2,775,932, 12-25-56, Cl. 53-37.
- Vogt, Clarence W. Enwrapment with reinforcement. 2,775,397, 12-25-56, Cl. 229-87.
- Vogt, Dr. Alois: *See*—  
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- Vogt, George H., to General Electric Co. Retaining ring structure for end windings of dynamoelectric machine. 2,773,210, 12-4-56, Cl. 310-270.
- Vogt, Henry, Machine Co.: *See*—  
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- Vogt, Jakob, to A. Ehrenreich & Cie. Protection caps for joints. 2,752,180, 6-26-56, Cl. 288-19.
- Vogt, Kenneth T., 50% to the firm of Samuelson and Johnson, a partnership consisting of N. H. Samuelson and J. W. Johnson, Jr., and 50% to C. D. Samuelson. Vehicle spring. 2,735,692, 2-21-56, Cl. 280-150.
- Vogt, Kurt: *See*—  
 Birkenmaier, Max, Brandenstein, Roß, and Vogt. 2,728,978.
- Vogt, McCorp.: *See*—  
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- Vogt, Richard. Control for reducing air loads on wings. 2,734,704, 2-14-56, Cl. 244-82.
- Vogt, William. Spring urged pivoted toggle bolt. 2,733,629, 2-7-56, Cl. 85-3.
- Vögtle, Friedrich and J. Method and device of heating spraying agents. 2,770,706, 11-13-56, Cl. 219-39.
- Vögtle, Johann: *See*—  
 Vögtle, Friedrich and J. 2,770,706.
- Vogue Tools, Inc.: *See*—  
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- Vöhringer, Ludwig, 27 1/2% to B. M. Voehringer, 7 1/2% to M. D. Voehringer, 7 1/2% to C. Voehringer, Jr., and 7 1/2% to R. A. Voehringer. Machine for producing wood shavings. 2,740,131, 4-3-56, Cl. 144-42.
- Vold, Lester: *See*—  
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- Voigt, Adolf, and K. Andrich, to Deutsche Gold- und Silber-Scheideanstalt vormals Roessler. Rubber compositions containing a silica and alkali metal oxide filler. 2,732,860, 1-24-56, Cl. 260-37.
- Voigt, Albert. Fire control apparatus. 2,747,933, 5-29-56, Cl. 299-47.
- Voigt, Robert L., to Geuder, Paeschke & Frey Co. Supports for sleeve board. 2,756,523, 7-31-56, Cl. 38-134.
- Voigt, Herbert L., and J. Siczekiewicz, Jr., to Geuder, Paeschke & Frey Co. Latch means and support for ironing tables. 2,760,286, 8-28-56, Cl. 38-121.
- Voigt, Johnston S.: *See*—  
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- Voigt, Robert H. Carburation system for internal combustion engines. 2,733,698, 2-7-56, Cl. 123-127.
- Voigtländer A. G.: *See*—  
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- Voit, Willy: *See*—  
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- Voit, Willy, to Robert Bosch G. m. b. H. Fuel injection nozzles for internal combustion engines. 2,746,800, 5-22-56, Cl. 29-107,6.
- Voit, Willy, and U. Aldinger, to Robert Bosch G. m. b. H. Injection pump. 2,739,643, 3-27-56, Cl. 158-36,4.
- Voith, J. M.: *See*—  
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- Voith, J. M., G. m. b. H., Maschinenfabrik: *See*—  
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 Kuzel, Fritz, and Müller. 2,760,341.  
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- Vojtus, Andrew J. Two-way coal cutting bit. 2,743,655, 5-15-56, Cl. 262-33.
- Vokes Ltd.: *See*—  
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- Voland and Sons, Inc.: *See*—  
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- Volckening, Lloyd L., to Ivers-Lee Co. Sealed dispensing package. 2,755,922, 7-24-56, Cl. 200-56.
- Volckening, Lloyd L., and J. R. O'Meara, to Ivers-Lee Co. Cylindrical package with a cushion for the package contents. 2,737,290, 3-6-56, Cl. 206-46.
- Volf, Charles, and J. Hamerslag, to L'Air Liquide, Societe Anonyme pour l'Etude et l'Exploitation des Procédes Georges Claude. Arc welding apparatus. 2,735,036, 2-14-56, Cl. 315-129.
- Volk, Victor F. Hose and methods of making the same. 2,759,526, 8-29-56, Cl. 299-47.
- Volkel, Ellis W. Rivet shearing tool. 2,749,614, 6-12-56, Cl. 30-250.



- Völker, Theodor: *See*—  
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- Volkman, Ronald J., and H. J. Baecker, to Dow Corning Corp. Organosiloxane emulsions. 2,755,194, 7-17-56, Cl. 106-285.
- Volkoff, George M. J.: *See*—  
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- Vollschneider, Fritz, to International Standard Electric Corp. Line selecting means in automatic telephone systems. 2,735,895, 2-21-56, Cl. 179-18.
- Vollmann, Heinrich: *See*—  
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- Vollmann, Heinrich, to Farbenfabriken Bayer Aktiengesellschaft. Process of producing perchloroindan. 2,734,927, 2-24-56, Cl. 218-650.
- Vollmer, Leonhard, Automatic inserter for suturing clips. 2,744,251, 5-8-56, Cl. 1-49.1.
- Volney, Svata. Folding chair. 2,729,276, 1-3-56, Cl. 155-148.
- Volpe, Michael. Bolster friction snubber. 2,736,271, 2-28-56, Cl. 105-193.
- Volz, Paul, and J. Metzger, to Dortmund-Hörder Hüttenunion Aktiengesellschaft. Steel ties. 2,754,064, 7-10-56, Cl. 238-72.
- Volz, Carl W. Floating fishline. 2,748,525, 6-5-56, Cl. 43-98.
- Volz, Carl W. Bait casting device. 2,768,464, 10-30-56, Cl. 43-41.2.
- Volz, Kenneth L., and M. L. Weidig, to Carlton Machine Tool Co. Clamping mechanism. 2,737,832, 3-13-56, Cl. 77-28.
- Volz, Richard R., to Coats & Clark Inc. Display cabinet. 2,722,003, 11-27-56, Cl. 211-130.
- Vonada, Phillip A. Lapidary wheel. 2,745,225, 5-15-56, Cl. 51-206.
- Vonaeach, Fritz, to Joseph Bancroft & Sons Co. Method for producing effects on fabrics. 2,743,190, 4-24-56, Cl. 1-7-1.
- Von Ahrens, Robert H., deceased; D. A. Ahrens, executrix. Welding ring with nubs removable by striking. 2,764,426, 9-25-56, Cl. 285-A.2.
- Von Arx, P., & Co. A. G.: *See*—  
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- Von Arx, Paul, to Von Arx & Co. A. G. Arrangement for cleaning metal and stone surfaces through impact. 2,734,498, 2-14-56, Cl. 125-3.
- Von Behren, William P., to General Electric Co. Bowl support for portable food mixer. 2,745,644, 5-15-56, Cl. 239-135.
- Von Bichowsky, Foord. Process for the manufacture of particulate metallic niobium. 2,761,776, 9-4-56, Cl. 75-0.5.
- Von Boehmer, Thilo, and K. Schwamm, to Gebr. Poensgen G. m. b. H. Continuously operating washing and rinsing machines. 2,756,581, 7-31-56, Cl. 68-27.
- Von Cube, Hans L.: *See*—  
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- Von Delden, Florens J., to General Controls Co. Motor construction. 2,752,517, 6-26-56, Cl. 310-89.
- Vonderschmitt, Bernard V., to Radio Corp. of America. TV vertical deflection circuit. 2,749,475, 6-5-56, Cl. 315-24.
- Von Doenhoff, Carl, to The Carborundum Co. Abrasive cut-off wheels and method of manufacturing the same. 2,752,739, 7-3-56, Cl. 51-206.
- Von Duyke, Harrison M., to Modern Products Mfg. Corp. Contour gauges. 2,759,271, 8-21-56, Cl. 33-175.
- Von Duyke, Harrison M., to New Jersey Machine Corp. Line levels. 2,750,888, 11-20-56, Cl. 33-207.
- Von Edesky, Joseph J.: *See*—  
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- Von Euw, Adolfo. Bearings. 2,767,035, 10-16-56, Cl. 308-78.
- Von Glahn, William F. M., to Burroughs Corp. Decoding and character forming means for high speed recorder. 2,737,604, 8-7-56, Cl. 101-93.
- Von Haken, Kurd, ½ to K. R. Marsden. Method for the recovery of pure iron oxide and iron from oxidic iron ores. 2,747,988, 5-29-56, Cl. 75-33.
- Von Heidenstam, Erik J., and E. I. Lindman; said von Heidenstam assor. to said Lindman. Hydraulic or pneumatic form lifter. 2,756,019, 7-24-56, Cl. 254-105.
- Von Herbulis, Carl L.: *See*—  
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- Von Herbulis, Robert W. and C. L. Combination hanger and clamp. 2,775,422, 12-25-56, Cl. 248-63.
- Von Hofe, George W., to New Jersey Machine Corp. Apparatus for applying labels to articles. 2,756,890, 7-31-56, Cl. 216-9.
- Von Hofe, George W., and E. K. Wolff, to New Jersey Machine Corp. Stack elevator and control therefor. 2,733,920, 2-7-56, Cl. 271-31.
- Von Hofe, George W., and E. K. Wolff, to New Jersey Machine Corp. Box making machines. 2,769,561, 11-6-56, Cl. 216-55.
- Von Hofen, John R.: *See*—  
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- Von Kärnman, Theodore: *See*—  
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- Von Knauf, Emil W., and A. Melman. Device for buttering sweet corn. 2,750,767, 6-19-56, Cl. 65-12.
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- Von Linde, Robert: *See*—  
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- Von Linde, Robert A. K. Cooling of compressed gas. 2,741,899, 4-17-56, Cl. 62-136.
- Von Louis, of Menar, Alexander, to W. Witt. Camera bodies and means for releasably holding film spools therefor. 2,762,280, 9-11-56, Cl. 95-31.
- Von Mantuffel, Gert S. Z., and C. A. Richardson, to The Sperry Gyroscope Co., Ltd. Craft guidance apparatus. 2,736,893, 2-28-56, Cl. 11-56.
- Von Mehren, Oswald: *See*—  
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- Von Mikusch-Buchberg, Johannes D., to Lever Bros. Co. Process for isomerizing unsaturated fatty acids or derivatives thereof. 2,746,979, 5-22-56, Cl. 260-405.6.
- Von Mörschel, Alexander, to the firm Kugelfischer Georg Schafer & Co. Hydrodynamic bearing. 2,738,241, 3-13-56, Cl. 308-73.
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- Vonnegut, Bernard, to General Electric Co. Means for detecting aerosol particles. 2,730,005, 1-10-56, Cl. 88-14.
- Vonnegut, Bernard, to General Electric Co. Apparatus for measuring true temperature of moving compressible fluids. 2,764,023, 9-25-56, Cl. 73-349.
- Vonnegut, Bernard, to General Electric Co. Halogen vapor detector. 2,774,652, 12-18-56, Cl. 23-232.
- Von Pechmann, Paul F., to A. H. Schutte. Device for automatic lathes to feed and hold work. 2,773,694, 12-11-56, Cl. 279-51.
- Von Pessler, Henry: *See*—  
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- Von Pohl, Arnold: *See*—  
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- Von Ranson, Josef, to Kollmans Instrument Corp. Clamp for rotary mount. 2,766,502, 10-16-56, Cl. 24-243.
- Von Ranson, Josef, to Kollmans Instrument Corp. Rotary seal. 2,771,781, 11-27-56, Cl. 74-18.1.
- Von Sanden, Kurt: *See*—  
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- Von Schickh, Otto: *See*—  
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- Von Schmoller, Fritz, and N. Winter. Twisting device. 2,753,679, 7-10-56, Cl. 57-115.
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- Von Seggern, Ernest A. Dual pivot toggle mechanism for locking and releasing pivoted jaw wrench. 2,736,221, 2-28-56, Cl. 81-84.
- Von Seggern, Ernest A., to Soundrive Pump Co. Pump for fluid and semi-fluid materials such as plaster and the like. 2,747,510, 5-29-56, Cl. 103-44.
- Von Seggern, Ernest A., to Soundrive Pump Co. Valve of relative movable flexible diaphragms. 2,750,959, 6-19-56, Cl. 137-525.
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- Von Silvers, Carl H.: *See*—  
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- Von Silvers, Carl H., K. R. Wadö, K. R. Wickman, and L. B. Person, to Telefonaktiebolaget L. M. Ericsson. Compressor-extractor transmission system. 2,768,552, 10-23-56, Cl. 33-14.
- Von Sprecher, Hans: *See*—  
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- Von Stein, Paul W.: *See*—  
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- Von Stoesser, Walter, to Lectromatic Devices, Inc. Measuring tape feed and tape cut-off. 2,748,861, 6-5-56, Cl. 164-49.
- Von Stroh, Gerald F. H., to Bituminous Coal Research, Inc. Bursier element for boring type continuous mining machines. 2,739,798, 3-7-56, Cl. 262-9.
- Von Stroh, Gerald F. H., and H. J. Thomas, to Bituminous Coal Research, Inc. Flight interconnecting and drive means. 2,757,784, 8-7-56, Cl. 198-175.
- Von Waldbergen, Leo T. E. Typewriter number-printing apparatus controlled by a calculating machine. 2,771,242, 11-20-56, Cl. 235-60.12.
- Von Wangenheim, Adolf, to Detroit Controls Corp. Balanced thermostatic valve. 2,754,062, 7-10-56, Cl. 236-34.5.

- Von Werder, Fritz : *See*—  
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- Voorhies, Alexis, Jr., to Esso Research and Engineering Co. Conversion of hydrocarbons. 2,737,475, 3-6-56, Cl. 196-49.
- Voorhies, Alexis, Jr., and W. M. Smith, to Esso Research and Engineering Co. Method of pretreating hydroforming catalysts. 2,752,288, 6-26-56, Cl. 196-50.
- Voorman, Henry, Jr., to Weston Electrical Instrument Corp. Resistub. 2,750,483, 6-12-56, Cl. 201-63.
- Voortman, Heinrich, to Wolf Gerate. Spade. 2,751,192, 6-19-56, Cl. 254-131.5.
- Vorburger, Rufe E. L., and A. J. M. P. Lafaye, to "Societe de Robinetterie S. A. J." Rail lubricating device mounted on a vehicle running on rails. 2,746,565, 5-22-56, Cl. 184-3.
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- Vordahl, Milton B., to Rem-Cru Titanium, Inc. Thermally stable beta alloys of titanium. 2,754,203, 7-10-56, Cl. 75-175.5.
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- Vorderstrasse, Rudolph C., to Northwestern Steel and Wire Co. Wire mesh pull up. 2,732,866, 1-3-56, Cl. 140-112.
- Vordriede, Oliver A., to A. B. Chance Co. Electrical drawbolt type connector with constant load washer. 2,771,591, 11-20-56, Cl. 339-263.
- Vore, Milton P., and H. M. Kroft, to Westinghouse Electric Co. Vibration pickup. 2,730,741, 11-13-56, Cl. 810-8.7.
- Voreck, Wallace E., Jr., to Standard Oil Co. Sulfur removal in gas cooling. 2,775,311, 12-25-56, Cl. 183-120.
- Vorenkamp, Egbert R., to Shell Development Co. Anchor. 2,738,750, 3-20-56, Cl. 114-207.
- Voss, Robert, to Esso Research and Engineering Co. Preparation of finely divided cellulose plastics. 2,740,723, 4-3-56, Cl. 106-196.
- Vorkauf, Heinrich. Apparatus and method for the vaporization of liquids in steam-generators comprising more than one vaporization system. 2,741,228, 4-10-56, Cl. 122-46.
- Vorkoff, Heinrich. Water tube boiler. 2,745,589, 5-15-56, Cl. 122-488.
- Vosburgh, Malcolm C., to Raytheon Mfg. Co. Two-way communication systems. 2,757,279, 7-31-56, Cl. 250-6.
- Vose, Aubrey, to The Houston Corp. Means for changing coupling impedance. 2,739,902, 2-21-56, Cl. 179-171.
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- Vossler, Edward J., to General Motors Corp. Method of impregnating porous metal parts with a lower melting point metal. 2,759,846, 8-21-56, Cl. 117-37.
- Voss, Lawrence, to International Harvester Co. Shell-mold sealing device. 2,739,360, 3-27-56, Cl. 22-31.
- Voss, Hans C. Roller mounting for tarpaulins. 2,773,547, 12-11-56, Cl. 160-301.
- Voss, Lawrence. Dimming provisions applicable to multi-circuit lighting systems. 2,742,593, 4-17-56, Cl. 315-254.
- Voss, Raymond O. : *See*—  
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- Dalton, Robert H., and Voss. 2,770,923.
- Vossen, Edward, to Stop-Motion Devices Corp. Detector for broken strands of yarn. 2,733,308, 1-3-56, Cl. 200-61.13.
- Vossen, Edward, to Stop-Motion Devices Corp. Electric switch for stop-motion devices on knitting machines. 2,738,387, 3-13-56, Cl. 200-61.16.
- Vossen, Edward, to Stop-Motion Devices Corp. Stop-motion devices relating to sewing machine bobbins. 2,747,039, 5-22-56, Cl. 200-61.18.
- Vossen, Edward, to Stop-Motion Devices Corp. Stop-motion switch for sewing machine bobbin thread. 2,747,040, 5-22-56, Cl. 200-61.18.
- Vossen, Edward, to Stop-Motion Devices Corp. Stop-motion mercury switches for sewing machines. 2,752,444, 6-26-56, Cl. 200-61.18.
- Vossen, Edward, to Stop-Motion Devices Corp. Stop-motion controller for sewing machine clutches. 2,753,824, 7-10-56, Cl. 112-219.
- Vossen, Edward, to Stop-Motion Devices Corp. Open latch detector for knitting machines with latch-type needles. 2,755,648, 7-24-56, Cl. 66-157.
- Vossloh-Werke G. m. b. H. : *See*—  
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- Vöster, Walter, to Vereinigte Baubeschlagfabriken Gretsch & Co. G. m. b. H. Shiftable heel strap tightener for ski fastening. 2,742,299, 7-25-56, Cl. 280-36.35.
- Voytech, Charles F. Method and apparatus for automatically conditioning a lap. 2,772,521, 12-4-56, Cl. 51-129.
- Vrana, Albert S. Pelorus protractor. 2,772,480, 12-4-56, Cl. 33-67.
- Vrana, Charles : *See*—  
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- Vrana, Mary E. M., and C. Vrana. 2,758,600.
- Vrana, Mary E. M., and C. Vrana. Fountain syringe. 2,758,599, 8-14-56, Cl. 128-229.
- Vrana, Mary E. M., and C. Vrana. Fountain syringe. 2,758,600, 8-14-56, Cl. 128-229.
- Vreeland Corp. : *See*—  
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- Vreeland, Frederick K., to Vreeland Corp. Direct reading analytical spectroscope. 2,751,811, 6-26-56, Cl. 88-14.
- Vriezelaar, Arthur D. Photographic exposure device. 2,770,165, 11-13-56, Cl. 88-24.
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- Vue Fax Corp. : *See*—  
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- Vuilleumier, Marcel, 1/2 to Parechoc S. A. Timepiece bearing. 2,746,239, 5-22-56, Cl. 58-140.
- Vulcan Copper & Supply Co., The : *See*—  
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- Vulcan Corp. : *See*—  
Austing, Lawrence B. 2,752,816.
- Clausing, Henry G. 2,736,460.
- Giese, Alphonse J. 2,755,962.
- Giese, Alphonse J., and Austing. 2,742,733.
- Vulcan-Hart Mfg. Co., Inc. : *See*—  
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- Vulcan Machine Co. : *See*—  
Detrov, Edgar L. 2,745,187.
- Vulcan Mfg. Co., Inc. : *See*—  
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- Vulcan Mfg. Co., Inc. : *See*—  
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- Clark, Harold. 2,755,065.
- Vulcan Research Corp. : *See*—  
Westling, Carl J. 2,758,734.
- Westling, Carl J. 2,760,519.
- Vutz, Wilhelm, to Sperry Rand Corp. Side delivery rake sprocket. 2,762,702, 9-11-56, Cl. 56-377.
- Vymer, Joseph. Water closet flushing tank. 2,744,257, 5-8-56, Cl. 4-43.
- Vyverberg, Robert G., to The Haloid Co. Xerographic developing apparatus. 2,759,450, 8-21-56, Cl. 118-309.
- Vyyvay, William W. : *See*—  
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- W-K-M Mfg. Co., Inc. : *See*—  
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- Clade, Robert. 2,763,601.
- Laurent, Milton P. 2,747,600.
- W. S. M. Research Corp. : *See*—  
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- Waa, Louis : *See*—  
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- Waagner-Birol Aktiengesellschaft : *See*—  
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- Waarlé, Godfried H. : *See*—  
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- Waarlé, Godfried H., and W. L. Vervest, to Hartford National Bank and Trust Co., as trustee. Reversing device. 2,754,690, 7-17-56, Cl. 74-323.
- Waa, Samuel M., to Manley, Inc. Spring controlled lid for popcorn kettles. 2,729,416, 1-3-56, Cl. 248-292.
- Waa, Samuel M., to Manley, Inc. Liquid seasoning pump system for popcorn machines. 2,733,841, 2-7-56, Cl. 22-285.
- Waa, Samuel M., to Manley, Inc. Lid assembly for popcorn kettles. 2,738,156, 3-13-56, Cl. 248-292.
- Waa, Samuel M., to Manley, Inc. Kettle construction for popcorn machines. 2,738,720, 3-20-56, Cl. 99-238.1.
- Wabash Co. : *See*—  
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- Wabash Screen Door Co. : *See*—  
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- Waber, Donald, and R. Braunstein, Jr. Dispensing containers. 2,754,030, 7-10-56, Cl. 221-246.
- Waber, James W. Dry cell. 2,729,693, 1-3-56, Cl. 136-133.
- Wach, Elias : *See*—  
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- Wachsmann, Henrick. Clothes pin. 2,735,151, 2-21-56, Cl. 24-139.
- Wachsmith, Richard A. Apparatus for recovering lead shot from the earth. 2,756,978, 7-31-56, Cl. 262-2.
- Wachsmuth, Erich A. Free-piston motor-compressors. 2,755,988, 7-24-56, Cl. 230-56.
- Wachsmuth, Erich A. Free-piston compressor. 2,775,398, 12-25-56, Cl. 230-56.



- Wachtell, Richard, to American Electric Metal Corp. Safety devices for compressed gas containers. 2,743,036, 4-24-56, Cl. 220-89.
- Wachter, Aaron, and N. Stillman, to Shell Development Co. Corrosion inhibition. 2,752,221, 6-26-56, Cl. 21-2-5.
- Wacker-Chemie G. m. b. H.: *See—*  
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- Gruber, Wolfgang, Heckmaier, and Doriat. 2,729,585.
- Nitzsche, Siegfried, and Riedle. 2,770,611.
- Sixt, Johann. 2,763,664.
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- Wimmer, Josef. 2,760,979.
- Waco Mfg. Co.: *See—*  
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- Waddell, J. B.: *See—*  
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- Waddell, J. B. and Sons, Inc.: *See—*  
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- Waddell, James R., deceased; R. E. and J. B. Waddell, executors, to J. R. Waddell and Sons, Inc. Automatic fishing apparatus. 2,765,566, 10-9-56, Cl. 43-16.
- Vogt, Adolf. 2,763,896.
- Pyrolysis process for preparing hexafluoropropene from tetrafluoroethylene polymer. 2,759,983, 8-21-56, Cl. 260-653.
- Waddell, Mathis T.: *See—*  
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- Waddell, Mathis T., to Esso Research and Engineering Co. Control of hypochlorite treating operation. 2,775,019, 12-4-56, Cl. 204-1.
- Waddell, R. E.: *See—*  
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- Waddell, Roy. Portable reciprocating power saw with angularly adjustable blade. 2,738,812, 3-20-56, Cl. 143-68.
- Waddell, Russell B., Jr.: *See—*  
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- Wadley, Walter E.: *See—*  
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- Wadley, Walter E., M. W. Hill, and E. B. Cyphers, to Esso Research and Engineering Co. Stabilized lubricating oil additives. 2,735,817, 2-21-56, Cl. 252-46.7.
- Wade, Earl R. Drill press having coolant recirculating means. 2,760,387, 8-28-56, Cl. 17-55.
- Wade, Harold M., to The Standard Products Co. Hood latch. 2,756,086, 7-24-56, Cl. 292-226.
- Wade, R. M., & Co.: *See—*  
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- Wade, Robert C.: *See—*  
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- Wade, Stanley M. Tie and collar holder. 2,771,611, 11-27-56, Cl. 2-132.
- Wade, Walter A.: *See—*  
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- Wade, Willard H.: *See—*  
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- Wade, Willard H., to Smith-Corona Inc. Power actuated typing mechanism for business machines. 2,737,773, 8-7-56, Cl. 197-17.
- Wade, William J. Foldable leg structure for portable supports. 2,760,837, 8-28-56, Cl. 311-92.
- Wadel, Louis. 2,738,924.
- Preston, Frank S., and Wadel. 2,738,924.
- Wadley, Edward F.: *See—*  
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- Von Sivers, Carl H. Wadö, Wickman, and Person. 2,768,352.
- Wadon, Andrew. Bun slicing machine. 2,738,817, 3-20-56, Cl. 146-73.
- Wadsworth Electric Mfg. Co., The: *See—*  
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- Wadsworth, Francis T.: *See—*  
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- Kelly, Joe T., Wadsworth, and Lee. 2,759,027.
- Wadsworth, Edward M. Universal mounting clip. 2,738,486, 3-13-56, Cl. 339-258.
- Wadsworth, Howard M. Electrical condenser. 2,744,221, 5-1-56, Cl. 317-249.
- Wadsworth, Howard M. Trimmer condenser. 2,748,327, 5-29-56, Cl. 317-249.
- Wadsworth, Howard M. Crystal diode unit. 2,750,543, 6-12-56, Cl. 317-236.
- Waechter, Charles J.: *See—*  
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- Phillips, Leonard R., and Waelchner. 2,759,490.
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- Wagar, Albert E.: *See—*  
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- Wagemann, John B. Bale lifter. 2,745,694, 5-15-56, Cl. 29-109.
- Vagonknecht, Arthur P. Water drainage blade for paper machine. 2,744,454, 5-8-56, Cl. 92-51.
- Wager, Henry P.: *See—*  
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- Waggoner, Jack H., to Owens-Corning Fiberglas Corp. Fibrous structures and methods for manufacturing same. 2,772,603, 12-4-56, Cl. 92-39.
- Waggoner, William G. Magnetic copy holders. 2,763,241, 9-18-56, Cl. 120-33.
- Waggonfabrik Uerdingen Aktiengesellschaft: *See—*  
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- Waghorne, Robert H., and C. F. Learner, to Esso Research and Engineering Co. Deasphalting with propane and butane. 2,729,589, 1-3-56, Cl. 196-14.46.
- Wagner, Adolph A., and A. J. Werner. Improvements in tapping machine conveyor and cutter head synchronizing mechanism. 2,730,258, 1-10-56, Cl. 216-22.
- Wagner, Adolph A., and A. J. Werner, to Wagner Iron Works. Tractor attachment boom with pivoted separate implements. 2,767,868, 10-23-56, Cl. 214-140.
- Wagner, Anton R., to Nyby Bruks Aktiebolag. Restorable alloys. 2,763,543, 9-18-56, Cl. 75-122.
- Wagner, Anton R., to Nyby Bruks Aktiebolag. Chromium steel. 2,763,544, 9-18-56, Cl. 75-125.
- Wagner, Arthur F., to Merck & Co., Inc. Dithio-dioctanoic acids and methods of obtaining the same. 2,772,300, 11-27-56, Cl. 260-399.
- Wagner, Arthur J.: *See—*  
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- Wagner, Carl J.: *See—*  
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- Wagner, Carl J., to Phillips Petroleum Co. Production of alkenylpyridines. 2,732,378, 1-24-56, Cl. 260-290.
- Wagner, Clarence, and J. Essenberg, to Anaconda Wire and Cable Co. Wire enameling apparatus. 2,740,373, 4-3-56, Cl. 118-68.
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- Wagner, Cyril D., to M. Mahler, Ladder. 2,758,770, 8-14-56, Cl. 228-55.
- Wagner, Donnell H.: *See—*  
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- Wagner, Edgar R. Gas filled projector tubes for television. 2,755,413, 7-1-56, Cl. 315-56.
- Wagner, Edward J., to Dormeyer Corp. Reversible shaded pole motor assembly and method. 2,766,392, 10-9-56, Cl. 310-172.
- Wagner, Edward J., to Dormeyer Corp. Electric motor speed control system. 2,774,925, 12-18-56, Cl. 318-250.
- Wagner, Edward J., and E. C. Schwaneke, to Dormeyer Corp. Brush shift governor. 2,737,605, 3-6-56, Cl. 310-241.
- Wagner, Edward L.: *See—*  
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- Wagner Electric Corp.: *See—*  
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- Milster, Arthur N., and Shartle. 2,735,589.
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- Potter, Wilfred C. 2,757,334.
- Regina, Paul E. 2,735,441.
- Schnell, Steve. 2,755,859.
- Wagner, Elmer A. One-arm work handling vehicle. 2,741,378, 4-10-56, Cl. 214-140.
- Wagner, Ernst, to Deutsche Gold- und Silber-Scheideanstalt vormals Roessler. Process for the production of HCN from various labile hydrocarbons and ammonia. 2,768,876, 10-30-56, Cl. 23-151.
- Wagner, Franz, to Ekco Products Co. Ironing board assembly. 2,767,493, 10-23-56, Cl. 38-121.
- Wagner, Frederick C.: *See—*  
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- Wagner, George B., to C. Moritz & Co. Load binder for vehicles. 2,768,004, 10-23-56, Cl. 280-179.
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- Bailey, Donald L., and Wagner. 2,732,280.
- Bailey, Donald L., and Wagner. 2,732,281.
- Dunham, Milton L., Jr., and Wagner. 2,759,006.
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- Erickson, Charles E., and Wagner. 2,735,861.
- Wagner, George H., to Union Carbide and Carbon Corp. Dehydrochlorination of polychloroalkyl chlorosilanes employing aliphatic dinitrile compounds. 2,735,859, 2-21-56, Cl. 260-448.2.
- Wagner, George H., to Union Carbide and Carbon Corp. Dehydrochlorination of polychloroalkyl chlorosilanes employing dihydramines as catalysts. 2,737,520, 3-6-56, Cl. 260-448.2.
- Wagner, George H., to Union Carbide and Carbon Corp. Process of dehydrochlorinating polychloroalkyl chlorosilanes. 2,737,521, 3-6-56, Cl. 260-448.2.
- Wagner, George H., and C. E. Erickson, to Union Carbide and Carbon Corp. Polysiloxanes produced by the reaction of dialkylchlorosilanes in the presence of aluminum or boron halides. 2,731,485, 1-17-56, Cl. 260-448.2.
- Wagner, George H., and A. N. Pines, to Union Carbide and Carbon Corp. Di (trialkylsilyl) alkenes and method for preparation thereof. 2,740,802, 4-3-56, Cl. 260-448.2.
- Wagner, George H., and M. M. Burnham, to Union Carbide and Carbon Corp. Disproportionation of arylchlorosilanes. 2,746,981, 5-22-56, Cl. 260-448.2.
- Wagner, George H., and W. G. Whitehead, Jr., to Union Carbide and Carbon Corp. Resolving chlorosilane mixtures. 2,752,379, 6-26-56, Cl. 260-448.2.
- Wagner, George H., and A. N. Pines, to Union Carbide and Carbon Corp. Dehydrochlorination of chloroalkylchlorosilanes. 2,752,380, 6-26-56, Cl. 260-448.2.

- Wagner, George H., and P. W. Shafer, to Union Carbide and Carbon Corp. Reaction of benzene and dichlorosilane trichlorosilane mix. 2,775,606, 12-25-56, Cl. 260-448.2.
- Wagner, George P., to The Engineering Development Co., Inc. Oil well drilling turbine screen assembly. 2,735,646, 2-21-56, Cl. 293-32.
- Wagner Iron Works: See—
- Wagner, Adolph A., and Werner. 2,767,868.
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- Wager, Paul G., Wagner, and Matre. 2,766,825.
- Wagner, James E. Boat propulsion means. 2,733,650, 2-17-56, Cl. 115-25.
- Wagner, Jean I., and M. G. Terry, Jr., to National Dairy Research Laboratories, Inc. Proteinaceous composition and method of making the same. 2,744,890, 5-8-56, Cl. 249-119.
- Wagner, John, deceased; A. W. Starosta, administrator, to International Minerals and Chemical Corp. Compositions containing monosodium glutamate. 2,733,174, 1-31-56, Cl. 204-75.
- Wagner, John A. Door closer and stop. 2,731,661, 1-24-56, Cl. 16-45.
- Wagner, John C., to International Harvester Co. Bumper, radiator, and grille assembly for sectional vehicle cab. 2,749,501, 1-23-56, Cl. 180-88.
- Wagner, John C., to International Harvester Co. Pivotaly mounted fender for cab-over-engine vehicles. 2,769,503, 11-6-56, Cl. 180-89.
- Wagner, John C., and D. T. James. Automatic inoculating apparatus. 2,762,365, 9-11-56, Cl. 128-1.
- Wagner, Julius A.: See—
- Adams, Robert T., and Wagner. 2,764,237.
- Wagner, Kurt, to August Sauter K. G. Bearing for balance beams capable of swinging in all directions. 2,742,330, 4-17-56, Cl. 308-2.
- Wagner, Kurt, to August Sauter K. G. Price indicator for fully automatic inclination scales. 2,751,213, 6-19-56, Cl. 263-29.
- Wagner, Louis A. Gate latch. 2,743,125, 4-24-56, Cl. 292-28.
- Wagner, Richard, and J. Schwarz, to Werkzeugmaschinen-fabrik Adolf Waldrich Coburg. Machining of long work-pieces. 2,775,167, 12-25-56, Cl. 90-14.
- Wagner, Robert, S. I. Fagin, and C. B. Goss, to ACF Industries, Inc. Data transmission synchro system. 2,768,340, 10-29-56, Cl. 318-30.
- Wagner, Robert J., to Proctor Electric Co. Ratchet mechanism. 2,746,305, 5-22-56, Cl. 74-153.
- Wagner, Robert L., to Addressograph-Multigraph Corp. Multi-print control means in address printing machines. 2,765,734, 10-9-56, Cl. 101-56.
- Wagner, Robert N., to Aluminum Co. of America. Direct current measuring system including an A. C. watt-hour meter. 2,759,151, 8-14-56, Cl. 324-117.
- Wagner, Robert W. Power take-off. 2,731,838, 1-24-56, Cl. 74-15.2.
- Wagner, Robert W. Power take-off clutch. 2,736,202, 2-28-56, Cl. 74-15.86.
- Wagner, Roswell W.: See—
- Cady, Charles E., and Wagner. 2,764,742.
- Wagner, Stanley T. Necktie. 2,741,772, 4-17-56, Cl. 5-146.
- Wagner, Thomas C. G., to The Davies Laboratories, Inc. Frequency modulated oscillator for high carrier frequencies. 2,734,135, 2-7-56, Cl. 250-36.
- Wagner, Walter A. Nipple chuck. 2,729,457, 1-3-56, Cl. 279-2.
- Wagner, Walter W.: See—
- Furman, Frank J., Kistner, Read, and Wagner. 2,745,493.
- Furman, Frank J., Wagner, and Rhodes. 2,767,646.
- Wagner, William. Two-way check valve. 2,761,463, 9-4-56, Cl. 137-11.2.
- Wagner, William T., to The Dayton Rubber Co. Belt connector. 2,766,499, 10-16-56, Cl. 24-31.
- Wagner, Wilmer W., Jr., to The Patent and Licensing Corp. Easy opening carton. 2,753,104, 7-3-56, Cl. 229-51.
- Wagon, Francis M. Travelling combination cotton stripping, ginning, pressing and other related mechanisms. 2,763,117, 9-18-56, Cl. 56-30.
- Wagnon, William N. Water purifier. 2,738,427, 3-13-56, Cl. 250-48.
- Wagoner, Billy J.: See—
- Brenner, Abner, and Wagoner. 2,751,552.
- Wahl, A. J., Inc.: See—
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- Wahl, Albert J., and C. A. Lanz, to A. J. Wahl, Inc. Apparatus for slitting cartons. 2,729,885, 1-10-56, Cl. 30-2.
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- Wahl, Leo J. 2,768,621.
- Wahl, Leo J., to Wahl Clipper Corp. Armature arm for electric hair clipper. 2,747,113, 5-22-56, Cl. 310-29.
- Wahl, Leo J., to Wahl Clipper Corp. Massage device. 2,768,621, 10-30-56, Cl. 128-41.
- Wahl, Michael W. Stripping attachment for telephones. 2,763,735, 9-18-56, Cl. 179-185.
- Wahlhom, Ernest T., 1/2 to O. E. Griggs. Bottle carrier. 2,731,169, 1-17-56, Cl. 220-104.
- Wahlhom, Ernest T., 1/2 to B. T. Griggs. Portable bar. 2,771,334, 11-10-56, Cl. 312-140.4.
- Wahler, Dale E., and L. P., and G. V. Smith, said Smith assor. to said D. E. and said L. P. Wahler. Centrifugal amalgamator. 2,743,866, 5-1-56, Cl. 233-14.
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- Wahler, Dale E., and L. P., and Smith. 2,743,866.
- Wahlin, Fred W., to Spraying Systems Co. Spray nozzle with side vented discharge end. 2,743,138, 4-24-56, Cl. 299-154.
- Wahlin, Fred W., to Spraying Systems Co. Spray nozzle orifice approach. 2,745,701, 5-15-56, Cl. 299-153.
- Wahlin, Fred W., to Spraying Systems Co. Whirl spray nozzle. 2,747,936, 5-29-56, Cl. 299-114.
- Wahlin, Fred W., to Spraying Systems Co. Two-part orifice spray nozzle and method of making same. 2,774,631, 12-28-56, Cl. 299-153.
- Wahlin, Fred W., and E. J. O'Brien, to Spraying Systems Co. Whirl spray nozzle. 2,751,252, 6-19-56, Cl. 299-114.
- Wahlin, Hugo B., to Wisconsin Alumni Research Foundation. Electrolytic hydrogenation process. 2,749,293, 6-5-56, Cl. 204-75.
- Wahlsten, Gösta L. B., and B. V. Nyholm, to Atlas Copco Aktiebolaget. Percussion tools having a reciprocable hammer piston actuated by combustion gases. 2,764,138, 9-25-56, Cl. 123-7.
- Wahlstein, Dale L. Blue print holder. 2,775,061, 12-25-56, Cl. 45-131.
- Wahlstrom, Magnus, to The Bridgeport Machines, Inc. Rotary work table. 2,771,169, 11-20-56, Cl. 192-4.
- Wahr, John C.: See—
- Colcourt, Victor J., and Wahr. 2,764,909.
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- Wainer, Eugene, to Horizons Titanium Corp. Production of titanium metal. 2,731,404, 1-17-56, Cl. 204-64.
- Wainer, Eugene, to Sylvania Electric Products Inc. Process for recovery of tungsten values. 2,735,748, 2-21-56, Cl. 282-1.
- Wainer, Eugene, to Radio Corp. of America. Modified barium titanate ceramic materials. 2,742,370, 4-17-56, Cl. 106-39.
- Wainer, Eugene, to the United States of America as represented by the United States Atomic Energy Commission. Preparation of alkali metal double fluorides of zirconium and hafnium. 2,743,160, 4-24-56, Cl. 23-88.
- Wainer, Eugene, to the United States of America as represented by the United States Atomic Energy Commission. Preparation of alkali metal double fluorides of zirconium and hafnium. 2,743,162, 4-24-56, Cl. 23-88.
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- Wainer, Eugene, to Horizons Titanium Corp. Preparation of titanium dioxide. 2,762,684, 11-6-56, Cl. 23-202.
- Wainer, Eugene, to Horizons Titanium Corp. Preparation of tetrahalides of zirconium and hafnium. 2,762,688, 9-11-56, Cl. 23-87.
- Wainer, Eugene, to Horizons Inc. Method of preparing halides. 2,762,691, 9-11-56, Cl. 23-205.
- Wainer, Eugene, to Thompson Products, Inc. Coating of molybdenum with binary coatings containing aluminum. 2,772,985, 12-4-56, Cl. 117-71.
- Wainer, Eugene, to Horizons Inc. Pyrophoric composition. 2,775,514, 12-25-56, Cl. 52-2.
- Wainer, Eugene, and M. A. Steinberg, to Sylvania Electric Products, Inc. Method of producing germanium crystals. 2,766,152, 10-9-56, Cl. 148-1.6.
- Wainwright, Carlyle H.: See—
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- Deans, Frederick E., Wainwright, and Mountain. 2,754,668.
- Wainwright, William N., W. M. Verner, and P. L. Bowser, Jr., to Sterling Aluminum Products, Inc. Piston ring groove protector. 2,771,328, 11-20-56, Cl. 309-14.
- Waisbro, Samuel W.: See—
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- Wait, James R., to Newmont Mining Corp. Method of geophysical exploration. 2,735,980, 2-21-56, Cl. 324-7.
- Wait, James R., and A. A. Brant, to Newmont Mining Corp. Method and apparatus for geophysical exploration. 2,731,596, 1-17-56, Cl. 324-8.
- Wait, James R., H. O. Seigel, L. S. Collett, W. E. Bell, and A. A. Brant, to Newmont Mining Corp. Method and apparatus for geophysical exploration. 2,766,421, 10-9-56, Cl. 324-1.
- Waite, Edwin P.: See—
- Cole, Burrell C., and Waite. 2,749,191.
- Waite, Fred L., to American Machine & Foundry Co. Self-leveling, storing and dispensing apparatus. 2,775,352, 12-25-56, Cl. 211-134.
- Waite, George F., to Curtis-Wright Corp. Ornamental hub cap with temperature compensating retaining means. 2,736,610, 2-28-56, Cl. 301-37.
- Waite, Griffin G., to Sangamo Electric Co. Dial hand and method of making same. 2,761,415, 9-4-56, Cl. 116-136.5.
- Waite, Ralph B. Dispensing tube closures. 2,775,369, 12-25-56, Cl. 222-32.
- Waite, Ralph B., and P. W. Harland, to American Machine and Metals, Inc. Differential gauge in synchro transmitter sealed case. 2,739,308, 3-20-56, Cl. 340-345.



- Waite, William G., and W. F. Higgins, to F. A. Hughes & Co., Ltd. Protection of metallic structures. 2,743,227, Cl. 24-56, Cl. 204—197.
- Waite, William G., and W. F. Higgins, to F. A. Hughes & Co., Ltd. Anodes for the protection of metal structures against corrosion. 2,772,231, 11-27-56, Cl. 204—197.
- Waithman, Victor: *See—*
- Le Tourneau, Robert L., Matteson, and Waithman. 2,750,433.
- Watkins, George R.: *See—*
- Hein, Delton W., Watkins, and Lacey. 2,754,294.
- Hein, Delton W., Watkins, and Lacey. 2,765,300.
- Watkins, Calvin J., to The Chemstrand Corp. Composition and method for imparting softness and anti-static properties to acrylonitrile fibers. 2,735,790, 2-21-56, Cl. 117—138.8.
- Wakeneld Co., The: *See—*
- Peterson, Carl M. F. 2,730,942.
- Wakefield, George P. 2,753,440.
- Wakefield, George P., to The Wakefield Co. Overhead lighting and acoustical structures. 2,753,440, 7-3-56, Cl. 240—9.
- Wakefield, Gordon C. J.: *See—*
- Roberts, Maurice, and Wakefield. 2,736,280.
- Wakeneld, Joseph A., to Durafencing Ltd. Alternately driven shafts. 2,740,307, 4-3-56, Cl. 74—674.
- Wakeneld, Kenneth L., to General Electric Co. Magnetic fluid clutches. 2,734,603, 2-14-56, Cl. 192—21.5.
- Wakefield, Ralph V.: *See—*
- Ruth, John A., and Wakefield. 2,754,755.
- Wakeneld, Ralph V., to Olin Mathieson Chemical Corp. Safety fuse igniter and crimping tool. 2,754,754, 7-17-56, Cl. 102—23.
- Wakefield, Richard E. B., to Shalleross Mfg. Co. Galvanometers. 2,733,408, 1-31-56, Cl. 324—154.
- Wakelee, Ronald L., to Continental Can Co., Inc. Multiple slide press for cutting sheet metal parts. 2,772,735, 12-5-56, Cl. 164—86.
- Wakely, Richard D., to Peter Hand Brewery Co. Stabilized vitamin preparations and method of preparing the same. 2,758,923, 8-14-56, Cl. 99—11.
- Wakely, Richard D., to Peter Hand Brewery Co. Stabilized vitamin preparations. 2,758,924, 8-14-56, Cl. 99—11.
- Walker, Charles: *See—*
- Dubois, Ernest, Siegrist, and Wakker. 2,773,762.
- Waszkewitz, Lottie J., to Armour and Co. Process of treating adrenocorticotrophic hormone substances. 2,739,099, 3-20-56, Cl. 167—74.
- Walker, George, and W. A. Di Misco. Gearless torque load driving window. 2,761,874, 9-4-56, Cl. 268—104.
- Walcock, Charles H., to J. Fishberg. Sewing machine guide. 2,751,869, 6-26-56, Cl. 112—260.
- Walczak, Stanislaw K. Remote control apparatus. 2,758,378, 11-4-56, Cl. 53—72.
- Wald, George F., and C. T. Zimmermann, to United States Steel Corp. Impulse-generating device for measuring traveling material. 2,761,986, 9-4-56, Cl. 310—156.
- Wald, Herman. Electric circuit for sparkless performance of periodically repetitive switching processes. 2,760,150, 8-21-56, Cl. 224—1.
- Wald Industries Inc.: *See—*
- Wilson, Rufus W. 2,747,931.
- Wilson, Rufus W., and Keeley. 2,749,879.
- Waldby, Roy M.: *See—*
- Brooke, Jesse M., and Waldby. 2,763,516.
- Walden, Arthur W., H. Van Eenon, Jr., and T. W. Zbornik, to Dr. Salsbury's Laboratories. Organotin arsonate derivatives. 2,762,821, 9-11-56, Cl. 260—429.7.
- Walden, Harold G. Self-cleaning beater. 2,729,434, 1-3-56, Cl. 259—1.
- Walden, John. Thread protectors. 2,747,017, 5-29-56, Cl. 138—96.
- Walden, Myrick A.: *See—*
- Linsley, Douglas F. 2,746,309.
- Walden, Myrick A. Transmission actuating and controlling mechanisms. 2,740,305, 4-3-56, Cl. 74—472.
- Walden, Will B. Mixer. 2,740,616, 4-3-56, Cl. 259—4.
- Waldes, George, to Waldes Kohinoor, Inc. Manufacture of trouser flies. 2,731,643, 1-24-56, Cl. 2—234.
- Waldes Kohinoor, Inc.: *See—*
- Erdmann, Hans. 2,735,581.
- Erdmann, Hans. 2,737,999.
- Soave, John G. 2,734,604.
- Soave, John G. 2,752,997.
- Waldes, George. 2,731,643.
- Wurzel, Hugo. 2,733,872.
- Wurzel, Hugo. 2,739,615.
- Wurzel, Hugo. 2,755,698.
- Zimmerman, Abraham. 2,731,671.
- Waldhauer, Frederick D., to Radio Corp. of America. Semiconductor direct current stabilization circuit. 2,750,456, 6-12-56, Cl. 179—171.
- Waldhue, Frederick D., to Radio Corp. of America. Transistor oscillator circuit. 2,750,508, 6-12-56, Cl. 250—36.
- Waldie, Arthur G.: *See—*
- Seed, John B., and Waldie. 2,756,668.
- Waldie, William A.: *See—*
- Nack, Herman K., and Waldie. Re. 24,130.
- Waldin, Paul B. Protective shutter for window opening. 2,738,040, 3-13-56, Cl. 189—62.
- Waldin, Vincent H.: *See—*
- Covington, Robert A., Jr., and Waldin. 2,767,427.
- Covington, Robert A., Jr., and Waldin. 2,772,548.
- Waldin, Vincent H., to E. I. du Pont de Nemours and Co. Pump. 2,752,860, 7-3-56, Cl. 103—149.
- Waldkötter, Erich G. R., and A. M. Hase, to Siemens-Schuckertwerke Aktiengesellschaft. Selenium rectifiers and their mounting. 2,730,540, 6-12-56, Cl. 317—234.
- Waldman, Daniel, and T. J. Silver, to Anchor Slide Fastener Corp. Feeding disks in slide fastener machines. 2,753,182, 7-3-56, Cl. 271—2.3.
- Waldman, Herbert. Telephone message recording and message repeat back systems. 2,769,033, 10-30-56, Cl. 179—6.
- Waldman, Rose. Garment hanger. 2,729,371, 1-3-56, Cl. 223—89.
- Waldman, Samuel W.,  $\frac{1}{2}$  to P. A. Di Salvo. Pressure indicating device for pneumatic tires. 2,740,008, 3-27-56, Cl. 200—61.25.
- Waldo, Frank, to Columbia-Southern Chemical Corp. Sodium chloride composition. 2,768,898, 10-30-56, Cl. 99—143.
- Waldo, Frank, to Columbia-Southern Chemical Corp. Sodium chloride composition. 2,768,899, 10-30-56, Cl. 99—143.
- Waldo, Willis G. Decoratizing apparatus. 2,753,600, 7-10-56, Cl. 19—16.
- Waldorf, Adrian. Isometrograph. 2,766,528, 10-16-56, Cl. 33—23.
- Waldorf, Arthur J.: *See—*
- Schafer, William J. 2,737,642.
- Waldorf Paper Products Co.: *See—*
- Dunning, Robert M. 2,745,545.
- Dunning, Robert M. 2,745,546.
- Dunning, Robert M. 2,774,512.
- Dunning, Robert M., and Hennessey. 2,765,907.
- Guyer, Reynolds. 2,735,544.
- Guyer, Reynolds. 2,751,964.
- Guyer, Reynolds. 2,764,069.
- Guyer, Reynolds. 2,773,637.
- Hedlund, Harland K., and Burnham. 2,748,000.
- Hennessey, Russell J. 2,773,589.
- Hennessey, Russell J., and Dunning. 2,748,978.
- Hennessey, Henry R., Mairs, and Hennessey. 2,749,014.
- Waldorf, Oskar. Planing machines. 2,730,022, 1-10-56, Cl. 90—53.
- Waldron, Benjamin F. Fluid end pump head. 2,751,267, 6-19-56, Cl. 309—3.
- Waldron, Floyd D. Hydraulic dynamometer with free-flowing rotors. 2,752,981, 4-24-56, Cl. 188—90.
- Waldron, John: *See—*
- Kaiser, Frank F. 2,747,808.
- Markowitz, Richard. 2,762,077.
- Pomper, Anthony W. 2,775,409.
- Pomper, Anthony W., and Vaechter. 2,769,495.
- Waldron, Joseph, and Laszio M. 2,775,441.
- Waldschmidt, Henry. Electrician's fish tape reel. Re. 24,250, 12-4-56, Cl. 254—134.3.
- Wale, John: *See—*
- Givens, John N., Rose, and Wale. 2,750,780.
- Walkey, Morris. Shirt collar closure. 2,740,124, 4-3-56, Cl. 2—12.8.
- Wales, Fred A.: *See—*
- Hauseisen, Batist R., and Wales. 2,745,798.
- Wales, George F. Force adjustment for fluid spring. 2,729,440, 1-3-56, Cl. 267—1.
- Wales, George F. Apparatus for selective recording. 2,732,899, 1-31-56, Cl. 164—111.
- Wales, George F. Game apparatus. 2,750,193, 6-12-56, Cl. 273—134.
- Wales, George F. Game board and playing pieces. 2,756,053, 7-24-56, Cl. 273—131.
- Wales, George F. Game apparatus. 2,772,885, 12-4-56, Cl. 273—131.
- Wales, Lester C. Pump. 2,738,732, 3-20-56, Cl. 103—175.
- Wales, Nathaniel B., to Industrial Patent Corp. Pressure squeeze washer. 2,737,039, 3-6-56, Cl. 68—21.
- Wales, Nathaniel B. Radiator heat-transfer accelerator. 2,738,957, 3-20-56, Cl. 257—2.
- Wales-Stripp Corp.: *See—*
- Taylor, Paul H. 2,732,898.
- Taylor, Paul H. 2,733,060.
- Taylor, Paul H. 2,738,971.
- Taylor, Paul H. 2,740,475.
- Taylor, Paul H. 2,740,625.
- Taylor, Paul H. 2,742,333.
- Taylor, Paul H. 2,751,216.
- Taylor, Paul H. 2,757,735.
- Taylor, Paul H. 2,760,575.
- Taylor, Paul H. 2,766,037.
- Walgreen Co.: *See—*
- Schmitt, Roland G., Raddatz, and Swedberg. 2,765,234.
- Schmitt, Roland G., and Swedberg. 2,733,751.
- Walgreen, John R., to Aluminum Co. of America. Extrusion equipment. 2,757,944, 8-7-56, Cl. 207—3.
- Walk Time, Inc.: *See—*
- Hastings, Norman R. 2,749,750.
- Hastings, Norman R. 2,749,751.
- Walk-A-Lator Mfg. Co., Inc.: *See—*
- Hogan, Joseph L. 2,745,465.
- Walker, Alec H. B., to Westinghouse Brake and Signal Co. Ltd. Vacuum regulating apparatus of the electronic type. 2,762,965, 9-11-56, Cl. 323—22.
- Walker, Alec H. B., and K. G. King, to Westinghouse Brake and Signal Co. Ltd. Electric control apparatus. 2,732,505, 1-24-56, Cl. 307—11.
- Walker, Alec H. B., and L. J. Lockett, to Westinghouse Brake & Signal Co. Ltd. Metal rectifier assemblies. 2,740,075, 3-27-56, Cl. 317—234.
- Walker, Alice P.: *See—*
- Waymire, Walter R., and Walker. 2,758,863.

- Walker, Arah A. Lacing needle. 2,763,410, 9-18-56, Cl. 229-103.
- Walker, Arnold J. Gravy separator. 2,735,551, 2-21-56, Cl. 210-51.
- Walker, Arnold J. Liquid density separator. 2,748,943, 4-5-56, Cl. 210-51.
- Walker, Benjamin M. and L. W. Van Denburgh, Jr., to Resistoflex Corp. Extrusion of polytetrafluoroethylene. 2,752,637, 7-3-56, Cl. 18-55.
- Walker, Brooks: See Schultz, and Walker. 2,769,038.
- Walker, Brooks F. Automatic banking device for vehicles. 2,743,941, 5-1-56, Cl. 280-112.
- Walker, Brooks. Venetian blind. 2,754,898, 7-17-56, Cl. 160-34.
- Walker, Brooks. Venetian blind. 2,771,135, 11-20-56, Cl. 160-168.
- Walker, Brooks. Rear fender compartment for spare tire. 2,773,719, 12-11-56, Cl. 296-37.2.
- Walker, Charles M.: See Snuggs, John F. and Walker. 2,761,820.
- Walker, Crossweller, & Co. Ltd.: See Barker, Clifford L. 2,767,924.
- Walker, Curtis. Universal step turning duplicator for lathes. 2,729,130, 1-3-56, Cl. 8-14.
- Walker, Curtis, to Walker Well Heads Inc. Method of fabricating well heads. 2,730,799, 1-17-56, Cl. 29-480.
- Walker, David D.: See Garrison, Ralph P. and J. O., and Walker. 2,747,882.
- Walker, David S.: See Tandler, William S., Walker, Grossman, and Sloan. 2,756,510.
- Walker, Delos A.: See Barb knecht, Fred W., and Walker. 2,743,569.
- Walker, Delos A., to International Harvester Co. Cotton doffer. 2,729,930, 1-10-56, Cl. 46-41.
- Walker, Delos A., to International Harvester Co. Cotton picker doffer. 2,738,636, 3-20-56, Cl. 56-41.
- Walker, Donald C., to Standard Oil Co. Candle wick and method of preparing same. 2,745,271, 5-15-56, Cl. 67-22.
- Walker, Doreen: See Blumlein, Alan D. 2,775,694.
- Walker, Duane J., 40% to W. T. Reed. Sugar and cream server and dispenser. 2,743,846, 5-1-56, Cl. 222-129.
- Walker, Emory Felt and Tarrant Mfg. Co. Mechanism for adjusting the resistance to key depressions in calculating machines. 2,753,117, 7-3-56, Cl. 235-145.
- Walker, Eugene B.: See Davies, Bedford D., and Walker. 2,748,547.
- Walker, Eugene J., to Westinghouse Electric Corp. Circuit breakers. 2,760,028, 8-21-56, Cl. 200-116.
- Walker, Frank H.: See Shaw, Robert E., and Walker. 2,774,861.
- Walker, Glenn R. Automatic twine tie baler. 2,736,256, 2-28-56, Cl. 190-9.
- Walker, Harry E., to Walker's Fishmachinery, Inc. Mechanism for preparing fish for canning. 2,771,632, 11-27-56, Cl. 17-4.
- Walker, Harry M., to Monsanto Chemical Co. Extractive distillation of phenol-containing mixtures. 2,762,760, 9-11-56, Cl. 202-39.5.
- Walker, Herbert, and T. E. Shen, to British Dielectric Research Ltd. Manufacture of thin sheets or plates of heat-treated material suitable for the dielectrics of capacitors and for other purposes. 2,736,080, 2-28-56, Cl. 25-156.
- Walker, James D., to B-I-F Industries, Inc. Continuous silica sol apparatus. 2,769,785, 11-6-56, Cl. 252-359.
- Walker, James L.: See Schmidt, Albert J., and Walker. 2,774,800.
- Walker, Jay P., C. O. Glasgow, and A. W. Francis, Jr., to National Tank Co. Well fluid separators and methods for separating well fluids. 2,747,002, 5-22-56, Cl. 260-676.
- Walker, John B. Bobbin marker. 2,758,436, 8-14-56, Cl. 57-1.
- Walker, John H., and C. W. Crenshaw. Auxiliary transmission for tractors. 2,764,041, 9-25-56, Cl. 74-745.
- Walker, John R. D. Follow-up control systems. 2,729,940, 1-10-56, Cl. 31-31.
- Walker, Joseph B. Image superimposition projection devices. 2,729,141, 1-3-56, Cl. 88-24.
- Walker, Joseph B. Oblique image superimposition projection devices. 2,753,758, 7-10-56, Cl. 88-24.
- Walker, Joseph B. Image superimposition apparatus. 2,772,600, 12-4-56, Cl. 88-24.
- Walker, Joseph F., to E. I. du Pont de Nemours and Co. Desulfurization of petroleum products with alkali metal followed by aqueous formaldehyde. 2,748,058, 5-29-56, Cl. 196-26.
- Walker, Joseph F., and H. D. Williams, to E. I. du Pont de Nemours and Co. Cellular compositions utilizing dinitrosopentamethylene-tetramine as the blowing agent. 2,754,276, 7-10-56, Cl. 260-2.5.
- Walker, Laurence R.: See Hagelbarger, David W., and Walker. 2,745,984.
- Walker, Laurence R., to Bell Telephone Laboratories, Inc. Device for coupling between free space and an electron stream. 2,746,036, 5-15-56, Cl. 343-100.
- Walker, Leon M. Apparatus for treating surfaces of workpieces. 2,752,732, 7-3-56, Cl. 51-9.
- Walker, Leonard G., to Motorola, Inc. Priority control apparatus for a communication system. 2,731,635, 1-17-56, Cl. 340-163.
- Walker Mfg. Co. of Wisconsin: See Jacobs, Benton D. 2,736,284.
- Moss, Chester C. 2,761,525.
- Powers, Walter H. 2,739,661.
- Trautman, Walter C., and Arnes. 2,730,903.
- Walker Mfg. and Sales Corp.: See Zaph, Andrew H. 2,736,500.
- Walker, Nelson C., to ACP Industries, Inc. Cargo carrying vehicles. 2,753,811, 7-10-56, Cl. 105-4.
- Walker, Neville E., to American Junior Aircraft Co. Adjustable spool type control for miniature airplane. 2,743,068, 4-2-56, Cl. 242-99.
- Walker, Neville E., to American Junior Aircraft Co. Control handle with encompassing storage groove. 2,745,608, 5-15-56, Cl. 242-97.
- Walker, Raymond W.: See Wasserburg, Theodore B., and Walker. 2,764,866.
- Walker, Richard M., to Sylvania Electric Products, Inc. Wave guide transition. 2,766,432, 10-9-56, Cl. 333-21.
- Walker, Robert G., to Air Associates, Inc. Carrier operated squelch circuit. 2,767,310, 10-16-56, Cl. 250-20.
- Walker, Robert J. String sculpture assembly. 2,757,459, 8-7-56, Cl. 35-26.
- Walker, Robert M., to the United States of America as represented by the Secretary of the Navy. Dividing circuit. 2,747,002, 5-22-56, Cl. 260-676.
- Walker, Robert M., F. N. Barry, and W. E. Hogue, to the United States of America as represented by the Secretary of the Navy. Electron tube limiter circuit. 2,764,680, 5-15-56, Cl. 250-27.
- Walker, Samuel J., and W. G. Brown. Internal combustion engine piston. 2,731,313, 1-17-56, Cl. 309-9.
- Walker, Scott W., to Stanolind Oil and Gas Co. Method for gasification of solid fuels. 2,770,536, 11-13-56, Cl. 48-206.
- Walker, Thomas: See Hunt, John S., Walker, and Barton. 2,751,398.
- Walker, Thomas B. Pneumatically operated pressing machines. 2,762,142, 9-11-56, Cl. 38-41.
- Walker, Thomas H.: See Walker, Thomas B., and Walker. 2,764,688.
- Walker, Thomas, Ltd.: See Wood, Herbert H. 2,755,472.
- Wood, Herbert H. 2,760,194.
- Walker, Walter K., to E. I. du Pont de Nemours and Co. Apparatus for applying labels. 2,753,071, 7-3-56, Cl. 216-55.
- Walker Well Heads Inc.: See Walker, David C. 2,730,799.
- Walker, Wilfred: See Bailey, Eric J. G., and Walker. 2,730,513.
- Walker, Willard. Rollback outer-wrench having angularly related pipe-gripping surfaces. 2,748,638, 6-3-56, Cl. 81-101.
- Walker, William B., Jr.: See Miller, Claude T., and Walker. 2,760,290.
- Walker, William J. Blast director for fluid streams. 2,735,261, 2-21-56, Cl. 60-35.5.
- Walker, William C. Cooling systems for engines that utilize heat. 2,770,097, 11-13-56, Cl. 60-39.55.
- Walker, William G. Ash tray. 2,771,885, 11-27-56, Cl. 133-237.
- Walker, Willie J. Fishing apparatus. 2,770,065, 11-13-56, Cl. 43-89.
- Walker's Fishmachinery, Inc.: See Walker, Harry B. 2,771,632.
- Walkeo, Kenneth H., to General Electric Co. Electric heating appliances. 2,764,605, 9-25-56, Cl. 219-37.
- Walup, Lewis E., to The Haloid Co. Apparatus for electrostatically charging insulating image surfaces for electrophotography. 2,774,921, 12-18-56, Cl. 317-262.
- Walup, Lewis E., H. E. Copley, and W. A. Beckdahl, to The Haloid Co. Apparatus for developing electrophotographic plates. 2,750,922, 6-19-56, Cl. 118-57.
- Walup, Lewis E., and H. E. Carlton, Jr., to The Haloid Co. Electrophotographic cleaning of xerographic plates. 2,732,271, 6-26-56, Cl. 134-1.
- Wall, Byron T. Gaseous fuel mixer. 2,755,076, 7-17-56, Cl. 261-39.
- Wall, Byron E. Drive mechanism for film processing machines. 2,766,633, 10-16-56, Cl. 74-190.5.
- Wall, Curtis. Safety back-off tool for removing pump rods in oil wells. 2,749,091, 6-5-56, Cl. 255-35.
- Wall, Eugene: See Dombrowski, Henry S., Sanders, and Wall. 2,730,353.
- Wall, Eugene G. Automatic chicken feeder. 2,768,729, 10-30-56, Cl. 198-56.
- Wall, Howard M. Tube for packaging doors and the like. 2,757,854, 8-7-56, Cl. 229-53.
- Wall, John M.: See Dombrowski, Edgar H., and Wall. 2,744,801.
- Wall, John M. Intermittent mechanism for motion picture machines. 2,760,403, 8-28-56, Cl. 88-18.4.
- Wall, Marion P., to Combustion Engineering, Inc. Closure for pressure vessels. 2,757,820, 8-7-56, Cl. 220-44.
- Wall, William: See Sittler, Joseph, and Wall. 2,767,479.
- Wallace, Archibald L. Vulcanizing mold. 2,728,942, 1-3-56, Cl. 18-6.
- Wallace, Arthur M., to Bundy Tubing Co. Tubing or method of making tubing. 2,730,135, 1-10-56, Cl. 138-74.
- Wallace, Burgess F., and V. Romney, to Whitehead Brothers Co. and Whitehead Brothers Co. and Whitehead Brothers Co. Method of making same. 2,730,514, 1-10-56, Cl. 260-38.



- Wallace, Charles F., to Wallace & Tiernan Inc. Measurement of mass rate of flow of fluid material. 2,771,773, 11-27-56, Cl. 3-33-194.
- Wallace, David A. and P. E.; said P. E. Wallace assor. to said D. A. Wallace. Vehicle hoisting apparatus. 2,754,934, 7-17-56, Cl. 187-8-59.
- Wallace, David J.; *See—*
- Straley, James M., and Wallace. 2,773,054.
- Wallace, Donald J., and L. Catallo, to Wheel Truening Tool Co. Form dressing tool. 2,730,848, 1-17-56, Cl. 51-204.
- Wallace, Donald J., and L. Catallo, to Wheel Truening Tool Co. Method of form dressing of abrasive wheels. 2,730,851, 1-17-56, Cl. 51-283.
- Wallace, Donald J., and L. Catallo, to Wheel Truening Tool Co. Method of making form dressing tool. 2,731,336, 1-17-56, Cl. 51-309.
- Wallace, Donald J., and L. Catallo, to Wheel Truening Tool Co. Form dressing tool. 2,770,925, 11-20-56, Cl. 51-184-1.
- Wallace, Donald R. Protective covering for precision machines. 2,754,643, 7-17-56, Cl. 51-268.
- Wallace, Earl C., and J. Meekin, to The Hettrick Mfg. Co. Canopy structure. 2,764,993, 10-2-56, Cl. 135-5.
- Wallace, Edward C. Trimmer with oscillating shears. 2,748,554, 6-5-56, Cl. 56-2-41.
- Wallace, Frank C.; *See—*
- Doelz, Melvin L., and Wallace. 2,734,379.
- Wallace, Frederick J., to American Cystoscope Makers, Inc. Surgical drain. 2,749,913, 6-12-56, Cl. 128-295.
- Wallace, Frederick J., to American Cystoscope Makers, Inc. Surgical instrument. 2,751,908, 6-26-56, Cl. 128-321.
- Wallace, Geoffrey. Tractor-mounted concrete mixer. 2,750,165, 6-12-56, Cl. 259-177.
- Wallace, H. W., & Co. Ltd.; *See—*
- More, Arthur R. 2,754,675.
- Wallace, Halbert C., and C. H. Puckering, to Link Mfg. Co., Inc. Seed cleaner, grader and treater. 2,731,246, 1-17-56, Cl. 259-4.
- Wallace, Jack R., to The National Cash Register Co. Measured coin compartment for cash drawers. 2,768,735, 10-30-56, Cl. 206-0-81.
- Wallace, James M., and N. O. Lewis, to Boeing Airplane Co. Vacuum chuck jigs. 2,729,040, 1-3-56, Cl. 51-235.
- Wallace, James M., to Engine Life Products Corp. Filter. 2,760,642, 8-28-56, Cl. 210-131.
- Wallace, James M.; *See—*
- Rawlins, Herbert L., Wallace, and Ogg. 2,752,452.
- Wallace, James M., to Westinghouse Electric Corp. Protective devices. 2,739,269, 3-20-56, Cl. 317-18.
- Wallace, James M., to Westinghouse Electric Corp. Circuit interrupter. 2,752,451, 6-26-56, Cl. 200-89.
- Wallace, James M., to Westinghouse Electric Corp. Circuit interrupter and counter therefor. 2,752,453, 6-26-56, Cl. 200-108.
- Wallace, James M., and A. W. Edwards, to Westinghouse Electric Corp. Line-sectionalizers. 2,739,202, 3-20-56, Cl. 200-108.
- Wallace, James M., and A. W. Edwards, to Westinghouse Electric Corp. Circuit interrupter. 2,757,321, 7-31-56, Cl. 317-178.
- Wallace, James M., and H. L. Rawlins, deceased, by C. M. Rawlins, administratrix, to Westinghouse Electric Corp. Automatic reclosing circuit breaker. 2,763,749, 9-18-56, Cl. 200-89.
- Wallace, James M., and A. W. Edwards, to Westinghouse Electric Corp. Circuit interrupter for load pickup operation. 2,763,815, 9-18-56, Cl. 317-22.
- Wallace, James M., and A. R. McClung, to Westinghouse Electric Corp. Automatic reclosing circuit breakers. 2,769,055, 10-30-56, Cl. 200-89.
- Wallace, James M., and A. W. Edwards, to Westinghouse Electric Corp. Automatic reclosing circuit breakers. 2,769,056, 10-30-56, Cl. 200-89.
- Wallace, James M., and A. W. Edwards, to Westinghouse Electric Corp. Line sectionalizers. 2,769,058, 10-30-56, Cl. 200-108.
- Wallace, James M., Jr., to Robbins Instrument Corp. Pressure infusion apparatus. 2,766,907, 10-16-56, Cl. 222-94.
- Wallace, James R., to Carrier-Stephens Co. Carboy crate. 2,766,899, 10-16-56, Cl. 215-12.
- Wallace, James R., to Carrier-Stephens Co. Combination bottle, stainer and handle. 2,766,900, 10-16-56, Cl. 215-12.
- Wallace, James S. Disposable receivers. 2,766,927, 10-16-56, Cl. 229-62.
- Wallace, Jeffrey J., to Gullett Gin Co. Extractor feeders for extracting limbs from seed cotton. 2,731,673, 1-24-56, Cl. 19-35.
- Wallace, Jeffrey J., to Gullett Gin Co. Cotton gin with low velocity air blast for removing lint on spinning cylinder anterior to doffing point. 2,731,674, 1-24-56, Cl. 19-35.
- Wallace, Jeffrey J., to Gullett Gin Co. Cotton gin combining pneumatic and mechanical moting. 2,731,675, 1-24-56, Cl. 19-58.
- Wallace, Jeffrey J., to Gullett Gin Co. System for cleaning ginned cotton prior to baling. 2,747,235, 5-29-56, Cl. 19-67.
- Wallace, John D. Magnetostrictive transducer. 2,761,118, 8-28-56, Cl. 340-11.
- Wallace, Lauretta C. Folding shopping carrier. 2,765,178, 10-2-56, Cl. 286-37.
- Wallace, Leta,  $\frac{1}{2}$  to A. Winning. Finger to piano key indicator. Re. 2,4195, 8-21-56, Cl. 84-478.
- Wallace, Lewis C., R. C. Spruill, and D. L. Kenaga, 25% to Tennessee Coal & Iron Division, United States Steel Corp., and 75% to Nickey Brothers, Inc. Method and apparatus for hydrolyzing cellulosic materials. 2,739,086, 3-20-56, Cl. 127-1-1.
- Wallace, Mary L.; *See—*
- Wallace, Aldennecht, Calvin E., and Wallace. 2,768,148.
- Wallace, Maurice E., and R. F., to Feed-O-Matic Mfg. Corp. Poultry feeder. 2,745,381, 5-15-56, Cl. 119-52.
- Wallace, Paul E.; *See—*
- Wallace, David A. and P. E. 2,754,934.
- Wallace, Philomena A., to Bendix Aviation Corp. Frequency regulator device. 2,764,728, 9-25-56, Cl. 322-19.
- Wallace, Reynolds E.,  $\frac{1}{2}$  to T. S. Grimes and  $\frac{1}{2}$  to C. W. Cogdell. Device for airing water tanks. 2,752,087, 6-26-56, Cl. 230-20.
- Wallace, Robert D.; *See—*
- Gordon, Carroll G., Wallace, and Berthelson. 2,753,134.
- Wallace, Robert E., Sr. Apparatus for opening clogged drains. 2,735,450, 2-7-56, Cl. 4-256.
- Wallace, Robert F.; *See—*
- Wallace, Maurice E. and R. F. 2,745,381.
- Wallace, Robert L., Jr.; *See—*
- Dickter, Emil J., Riesz, and Wallace. 2,748,349.
- Wallace, Robert L., Jr., to Bell Telephone Laboratories, Inc. Four-electrode transistor modulator. Re. 24,183, 7-17-56, Cl. 332-52.
- Wallace, Robert L., Jr., to Bell Telephone Laboratories, Inc. Transistor amplifiers and circuit arrangements therefor. 2,739,190, 3-20-56, Cl. 179-171.
- Wallace, Robert L., Jr., to Bell Telephone Laboratories, Inc. Machine for automatic fabrication of tetrode transistors. 2,748,235, 5-29-56, Cl. 219-4.
- Wallace, Robert L., Jr., to Bell Telephone Laboratories, Inc. Multifrequency oscillator. 2,761,909, 9-4-56, Cl. 179-84.
- Wallace, Robert M., to The Griscum-Russell Co. Heat exchanger U-tubes. 2,774,384, 12-18-56, Cl. 138-69.
- Wallace, Thomas A., Jr.; *See—*
- Caifee, John D., and Wallace. 2,736,695.
- Wallace & Tiernan Inc.; *See—*
- Reiner, Laszlo. 2,731,336.
- Wallace & Tiernan Inc.; *See—*
- Ballard, John S. 2,765,899.
- Barry, Richard H., Wang, and Walter. 2,749,339.
- Booth, George M. 2,753,514.
- Booth, George M. 2,768,707.
- Conkling, William C. 2,746,482.
- Kirwan, John O. 2,771,772.
- Wallace, Charles F. 2,771,773.
- Washburn, Earl L. 2,750,546.
- Wallace, William D.; *See—*
- Danielson, Vernon S., and Wallace. 2,748,956.
- Danielson, Vernon S., and Wallace. 2,767,857.
- Wallach, Bernard H., to Kearfott Co., Inc. Servo system and servomotor with built-in damping action. 2,770,743, 11-13-56, Cl. 310-74.
- Wallack, Louis. Testing unit for slimline lamps and ballasts therefor. 2,754,476, 7-10-56, Cl. 324-23.
- Wallack, Stanley; *See—*
- Moos, Anthony M., and Wallack. 2,761,070.
- Wallans, Samuel; *See—*
- Sinclair, Donald C., and Wallans. 2,745,597.
- Wallace & Tiernan Inc., to Alaska Juneau Gold Mining Co. Bag filling mechanism. 2,751,134, 6-19-56, Cl. 226-49.
- Wallen, George R.; *See—*
- Kurth, Franz J., Phillips, Waelender, and Wallen. 2,737,875.
- Wallenbrock, Ralph E., to Whirlpool-Seeger Corp. Refrigerator cabinet construction. 2,750,065, 6-12-56, Cl. 220-15.
- Wallenbrock, Ralph E., to Whirlpool-Seeger Corp. Refrigerator cabinet construction. 2,751,638, 6-26-56, Cl. 20-35.
- Wallenbrock, Ralph E., to Whirlpool-Seeger Corp. Horizontal blower type refrigerated cabinet. 2,758,449, 8-14-56, Cl. 62-102.
- Wallenbrock, Ralph E., and J. S. Palmer, to Whirlpool-Seeger Corp. Air blast refrigerated cabinet. 2,767,558, 10-28-56, Cl. 62-117-25.
- Wallenhorst, Richard G.; *See—*
- Lazar, Michael, and Wallenhorst. 2,761,339.
- Waller, Campbell E., to The Cincinnati Milling Machine Co. Pattern controlled cutter grinder. 2,768,478, 10-30-56, Cl. 51-100.
- Waller, Campbell E., to The Cincinnati Milling Machine Co. Adjustable table for milling machines. 2,774,642, 12-18-56, Cl. 311-35.
- Waller, Coy W.; *See—*
- Hutchings, Brian L., Broschard, and Waller. 2,753,373.
- Waller, Coy W., and A. A. Goldman, to American Cyanamid Co. Anhydrotetracycline. 2,744,932, 5-8-56, Cl. 260-559.
- Waller, Fred, to The Vitarama Corp. Magazine slide projector. 2,732,758, 1-31-56, Cl. 88-28.
- Waller, Fred, and W. R. Dresser, to The Vitarama Corp. Automatic magnification control for projector. 2,747,456, 5-29-56, Cl. 88-17.
- Waller, Lyle G., to the United States of America as represented by the Secretary of the Army. Thermal switch. 2,762,889, 9-1-56, Cl. 200-142.
- Waller, William C.,  $\frac{1}{2}$  to W. K. Robbins. Chain link coupling of S-form. 2,740,253, 4-3-56, Cl. 59-850.

- Wallerius, John, to Sunbeam Corp. Bit heating furnace. 2,741,469, 4-10-56, Cl. 263-2.
- Walley, Herbert H.: *See* Haydon, Arthur W., and Walley. 2,773,955.
- Walley, James A.: *See* Seely, Richard E., and Walley. 2,744,226.
- Walley, James A., to General Electric Co. Control circuit for pump motor. 2,749,495, 6-5-56, Cl. 318-22.
- Walley, Omar, to Jac & Heintz, Inc. Overvoltage relay. 2,759,064, 8-14-56, Cl. 200-122.
- Wallgren, August G. F. Roller bearing. 2,747,951, 5-29-56, Cl. 308-214.
- Wallgren, August G. F. Radial thrust bearing. 2,758,892, 8-14-56, Cl. 308-73.
- Wallgren, August G. F. Double row roller bearing. 2,770,509, 11-13-56, Cl. 308-214.
- Wallin, Curtiss C.: *See* Honeycutt, Earl M., and Wallin. 2,770,580.
- Wallin Industrial Corp.: *See* Schwall, Julius C. 2,745,334.
- Wallin, Sven W., to Aktienbolaget Svenska Flaktfabriken. Ventilating apparatus with heat exchange means. 2,751,027, 1-24-56, Cl. 183-41.
- Wallin, Sven W., to A. B. Svenska Flaktfabriken. Volume governors. 2,765,812, 10-9-56, Cl. 138-43.
- Walling, Cheves T., to Lever Brothers Co. Alkali fusion of halogenated fatty acids. 2,760,969, 8-28-56, Cl. 260-413.
- Walling, Francis L.: *See* Gardner, August M., and Walling. 2,755,756.
- Wallingford, Otto H. Fruit grating machine having a resiliently urged concave. 2,734,358, 2-14-56, Cl. 146-123.
- Wallis, Harold B., to General Motors Corp. Control device for drum brake. 2,761,220, 9-4-56, Cl. 34-53.
- Wallis, Harold B., and R. H. Whyte, to General Motors Corp. Domestic appliance. 2,755,564, 7-24-56, Cl. 34-133.
- Wallman, Clifford G., to The Petersen Oven Co. Conveyor arrangement. 2,739,692, 3-27-56, Cl. 198-20.
- Wallmannsberger, Georg. Electrical trip means for stopping passenger cable railways. 2,769,400, 11-6-56, Cl. 104-202.
- Wallmark, John T., to Radio Corp. of America. Cathode-ray tubes with the feedback variety. 2,774,908, 12-18-56, Cl. 315-10.
- Wallney, Byron G. Clips for papers. 2,762,100, 9-11-56, Cl. 24-66.
- Walquist, Ivar. Movable bed type filter for liquids. 2,751,087, 6-19-56, Cl. 210-199.
- Walls, Leslie P., to Burroughs Wellcome & Co. (U. S. A.) Inc. Method for preparing phenanthridinium salts. 2,767,188, 10-16-56, Cl. 260-286.
- Walsh, John, to General Electric Co. Wire crimping pliers for orthodontists and for general use. 2,755,692, 7-24-56, Cl. 81-15.
- Walpert, George W.: *See* Hardwicke, Norman L., and Walpert. 2,762,798.
- Walpole, John R. Anchor. 2,735,394, 2-21-56, Cl. 114-206.
- Walrave, Wilhelm, and J. A. J. van der Leij, to Lever Brothers Co. Packaging machines. 2,736,998, 3-6-56, Cl. 53-26.
- Walsh, Allen A., to the United States of America as represented by the Secretary of the Air Force. Flash synchronization for aerial photography. 2,764,072, 9-25-56, Cl. 95-11.5.
- Walsh, Edward J.: *See* Robertson, George H., and Walsh. 2,740,068.
- Robertson, George H., and Walsh. 2,750,523.
- Robertson, George H., and Walsh. 2,763,421.
- Walsh, George C., to The Foxboro Co. Rotary magnetic multiple switch. 2,740,860, 4-3-56, Cl. 200-87.
- Walsh, John E., to United Shoe Machinery Corp. Heel lasting machines. 2,730,733, 1-17-56, Cl. 12-10.5.
- Walsh, John F. Universal beaching gear. 2,759,739, 8-21-56, Cl. 280-62.
- Walsh, Kenneth A.: *See* Wilhelm, Harley A., Walsh, and Kerrigan. 2,753,250.
- Walsh, Philip J. Alternating current regulating device. 2,738,458, 12-18-56, Cl. 323-61.
- Walsh, Philip M.: *See* Rusch, Edward W., Shank, and Walsh. 2,738,919.
- Walsh, Ralph W.: *See* Martin, Ernest P. 2,739,856.
- Walsh, Ralph W., to Liquid metering apparatus. 2,742,197, 4-17-56, Cl. 222-249.
- Walsh, Richard M.: *See* Black, Otis D., and Walsh. 2,758,074.
- Walsh, William R. Snowshoe guide and climber. 2,738,596, 3-20-56, Cl. 36-4.5.
- Walschaert, Marc C.: *See* Scharf, Herbert E., and Walschaert. 2,728,968.
- Walshin, Murray, to Silent-Flame Mfg. Co., Inc. Oil burner. 2,753,929, 10-9-56, Cl. 158-76.
- Walsonavich, John: *See* Tomcavage, Edward J., and Walsonavich. 2,775,672.
- Walstad, Walter J. Adjustable railroad journal liner. 2,766,077, 10-9-56, Cl. 308-54.
- Walstrom, Stanley R., to Superior Separator Co. Loader with self-leveling carrier. 2,731,162, 1-17-56, Cl. 214-140.
- Walter, Ernest W. Tire patch and method of making. 2,762,413, 9-11-56, Cl. 152-370.
- Walter, Fred S., to Thermo Electric Co., Inc. Thermocouples. 2,752,411, 6-26-56, Cl. 136-4.
- Walter, Hellmuth, to Worthington Corp. Method and apparatus for oil recovery. 2,734,378, 2-14-56, Cl. 166-11.
- Walter, Hellmuth, to Worthington Corp. Turbo-compressor. 2,739,756, 3-27-56, Cl. 230-116.
- Walter, Hellmuth, to Worthington Corp. Regenerator. 2,774,575, 12-18-56, Cl. 257-221.
- Walter, Henry A., to Monsanto Chemical Co. Primidine-aldehyde resins. 2,749,324, 6-5-56, Cl. 260-43.1.
- Walter, Henry A., to Monsanto Chemical Co. Process for the preparation of melamine. 2,769,055, 10-30-56, Cl. 260-249.7.
- Walter, John M., to The G. A. Gray Co. Right angle attachment for boring, drilling, and milling machines. 2,744,450, 5-8-56, Cl. 90-15.
- Walter, John M., to The G. A. Gray Co. Machine tool rail structure. 2,759,240, 8-21-56, Cl. 29-1.
- Walter, Joseph H.: *See* Chidsey, Francis A., Jr., and Walter. 2,769,376.
- Walter, Jules G.: *See* Cohn, Joseph and E., and Walter. 2,750,679.
- Cohn, Samuel and E., and Walter. 2,729,003.
- Cohn, Samuel and E., and Walter. 2,749,115.
- Cohn, Samuel and E., and Walter. 2,773,296.
- Cohn, Samuel, and Walter. 2,736,098.
- Cohn, Samuel, and Walter. 2,739,762.
- Walter, Karl A.: *See* Garvey, Louis F., Walter, and Ballard. 2,770,489.
- Walter Kidde-Pacific: *See* Lang, Delmer T. 2,764,651.
- Walter, Lewis A.: *See* Barry, Richard H., Wang, and Walter. 2,749,339.
- Walter, Louis, to Hoffmann-La Roche Inc. Basic derivative of 4-cyclohexyl-cyclohexanone and process for the manufacture thereof. 2,731,498, 1-17-56, Cl. 260-563.
- Walter, Otto L.: *See* Luckhardt, Johannes. 2,745,470.
- Luckhardt, Johannes. 2,750,988.
- Luckhardt, Johannes. 2,774,412.
- Walter, Paul R., and E. C. Witke, to Combustion Engineering, Inc. Furnace having walls organized for cubic expansion. 2,773,487, 12-11-56, Cl. 129-8.
- Walter, Robert J., to Truck Equipment Co. Inc. Tandem axle suspension for vehicles. 2,745,677, 5-15-56, Cl. 280-104.5.
- Waterman, Frederick H., and J. P. Malmrose, to Kewanee Mfg. Co. Doorframe. 2,755,895, 7-24-56, Cl. 189-46.
- Waters, Albert P. Vehicle passenger safety guard. 2,743,942, 5-1-56, Cl. 280-150.
- Waters, Ben. Manufacture of ornamental and display plastic sheets. 2,761,177, 9-4-56, Cl. 18-48.
- Waters, Emmett, to Libbey-Owens-Ford Glass Co. Equipment for bending glass sheets. 2,746,209, 5-22-56, Cl. 49-67.
- Walters, George H. Automatic fishhook with live bait holder. 2,752,719, 7-3-56, Cl. 43-36.
- Walters, Glenn, to Dalmac Motor Co. Radio frequency rotary switch. 2,769,144, 10-30-56, Cl. 333-7.
- Walters, Joseph M., to Electro Chemical Engineering & Mfg. Co. Method of extrusion of furane resins. 2,774,110, 12-18-56, Cl. 18-55.
- Walters, Joseph M., to Pacific Pumps, Inc. Fluid-cooled bearing. 2,744,796, 5-8-56, Cl. 308-77.
- Walters, Ray P.: *See* Reese, James E. 2,767,698.
- Walters, Warren B., to The Malco Co., Inc. Acoustical tone control for wearable hearing aids. 2,754,365, 7-10-56, Cl. 179-107.
- Walther, Daniel A., to The Dayton Steel Foundry Co. Two-speed landing gear for trailers. 2,747,422, 5-29-56, Cl. 74-333.
- Walther, Frederick C., to General Motors Corp. Adjustable foot rest for vehicles. 2,747,924, 5-29-56, Cl. 296-75.
- Walther, Georg. Driving mechanism for office machines. 2,735,951, 3-21-56, Cl. 310-91.
- Walther, George, Sr., to The Dayton Steel Foundry Co. Vehicle wheel for mounting tire rims. 2,767,026, 10-16-56, Cl. 301-13.
- Walther, Horst, to American Enka Corp. Process and apparatus for deaerating viscous liquids. 2,753,010, 7-3-56, Cl. 238-2.
- Waltman, Dallas H. Hand-operated portable traffic signal light. 2,751,581, 6-19-56, Cl. 340-321.
- Waltman, Robert M., to Bendix Aviation Corp. Valve. 2,734,522, 2-14-56, Cl. 137-197.
- Walton, Carl S., to United States Steel Corp. Straight chrome stainless steel pressure vessel. 2,752,238, 6-26-56, Cl. 75-126.
- Walton Co., The: *See* Conger, David L. 2,744,312.
- Conger, David L., and Walton. 2,744,311.
- Nipken, Eleanor and W. 2,744,311.
- Walton, Edward, to Merck & Co., Inc. Phthalyl-alanylmecaptoethyl amides and preparation thereof. 2,744,119, 5-1-56, Cl. 260-326.
- Mitchell, Orville, and Walton. 2,739,353.
- Walton, Eric, to Burroughs Wellcome & Co. (U. S. A.) Inc. 6-ethylmethylamino-5-methyl-4,4-diphenylhexan-3-one. 2,735,867, 2-21-56, Cl. 260-570.8.
- Walton, Eugene G., Jr.: *See* Mitchell, Orville, and Walton. 2,739,353.
- Walton, George, to The Drackett Co. Heat-producing compositions. 2,773,040, 12-4-56, Cl. 252-157.
- Walton, George M.: *See* Brown, Richard E., and Walton. 2,741,325.
- Brown, Richard E., and Walton. 2,741,325.
- Walton, George M., to D. M. Johnson. Soda fountain. 2,736,464, 2-28-56, Cl. 222-129.1.
- Walton, George M., to Air Maze Corp. Tandem oil bath filter. 2,750,001, 6-12-56, Cl. 183-15.
- Walton, George M., and R. E. Brown, to Air-Maze Corp. Silencer for gaseous streams. 2,749,998, 6-12-56, Cl. 181-30.



- Walton, Henry, to National Dairy Research Laboratories, Inc. N-substituted lactobionamides. 2,752,334, 6-26-56, Cl. 260—211.
- Walton, James R., J. N. Burke, and A. W. Cure, to The Electrical Apparatus Co., Ltd. Single phasing preventor. 2,749,407, 6-26-56, Cl. 200—116.
- Walton, Richard R.,  $\frac{1}{4}$  to V. G. Dugal, as trustee, and  $\frac{1}{4}$  to T. N. Danforth. Condensing of sheet materials. 2,761,490, 9-4-56, Cl. 154—30.
- Walton, Richard R. Method of treating textile materials. 2,765,513, 10-9-56, Cl. 26—18.6.
- Walton, Richard R. Apparatus for treating textile materials. 2,765,514, 10-9-56, Cl. 26—18.6.
- Walton, Richard R., to Walton Washing Machine Corp. Washing or scrubbing device with oscillating scrubbing member having a vertical component of motion. 2,770,118, Cl. 153—26, Cl. 68—28.
- Walton, Richard R., to Walton Washing Machine Corp. Washing device with means for injecting air bubbles in the washing liquid. 2,770,119, 11-13-56, Cl. 68—28.
- Walton, Richard R., to Walton Washing Machine Corp. Washing device with rotary scrubber. 2,770,120, 11-13-56, Cl. 68—28.
- Walton, Richard R., to Walton Washing Machine Corp. Washing device, including jet means for circulating the articles being washed. 2,770,123, 11-13-56, Cl. 68—184.
- Walton, Tison: See—
- Walton Washing Machine Corp. and Walton. 2,741,937.
- Walton Washing Machine Corp.: See—
- Walton, Richard R. 2,770,118.
- Walton, Richard R. 2,770,119.
- Walton, Richard R. 2,770,120.
- Walton, Richard R. 2,770,123.
- Walton, William L., to Young Locomotor Co. Locomotive cab heater and defroster. 2,738,171, 3-13-56, Cl. 257—137.
- Walton, William M., to Hoffman Machine Co., Inc. Machine and method for making edge embossed paper article and product thereof. 2,729,267, 1-3-56, Cl. 154—1.
- Walt, Edward, to the E. O. Bulman Mfg. Co., Inc. Roll paper holder and holder. 2,751,163, 6-19-56, Cl. 242—55.5.
- Waltz, Maynard C.: See—
- Becker, Joseph A., and Waltz. 2,740,940.
- Waltz, Victor W.,  $\frac{1}{4}$  to W. E. Sherwood. Apparatus for mounting clamp-down sink frames. 2,746,062, 5-22-56, Cl. 4—187.
- Walworth, Clarence B.: See—
- Winterburn, George A., Walworth, and Lawrence. 2,771,287.
- Walworth, Clarence B., G. A. Winterburn, and L. E. Lawrence, said Walworth and said Lawrence to said Winterburn. Rotary magnet actuator. 2,753,474, 7-3-56, Cl. 310—104.
- Walworth Co.: See—
- Husman, Fred H. 2,756,081.
- McManus, Joseph D., and Duemler. 2,731,282.
- Van Deventer, Frank M. 2,747,831.
- Walsh, A. L., to Durkee-Atwood Co. Door stop. 2,760,223, 8-28-56, Cl. 16—86.
- Wals, Walter L., to Whirlpool-Seeger Corp. Frozen foods defrosting chamber. 2,758,452, 8-14-56, Cl. 62—116.
- Wampach, Aloyse N. Explosion-operated tools. 2,730,082, 1-10-56, Cl. 123—7.
- Wampach, Aloyse N. Portable internal-combustion percussive tools. 2,734,488, 2-14-56, Cl. 123—7.
- Wampach, Aloyse N. Operating and ignition device for an explosion-driven ramming hammer. 2,738,777, 3-20-56, Cl. 123—7.
- Wampach, Aloyse N. Ramming machines and derricks for the same. 2,758,575, 8-14-56, Cl. 123—7.
- Wampach, Robert G., to Teletype Corp. Tape feed arrestor. 2,756,278, 7-24-56, Cl. 178—32.
- Wampach, Robert G., to Teletype Corp. Telegraph station selector. 2,763,713, 9-18-56, Cl. 178—41.
- Wampler, John H. Detachable vehicle towing device. 2,760,789, 8-28-56, Cl. 280—494.
- Wampler, Roy W.: See—
- McMaster, Harold A., and Wampler. 2,735,331.
- Wampler, Roy W., to Libbey-Owens-Ford Glass Co. Method of leveling multiple sheet glazing units. 2,775,028, 12-25-56, Cl. 29—455.
- Wamser, Carl H., to Everbrite Electric Signs, Inc. Illuminated signs. 2,769,263, 11-6-56, Cl. 40—132.
- Wanczyk, Walter J.: See—
- Kandian, Armig G., and Wanczyk. 2,760,016.
- Wander, Bronislav. Unitary shoulder support and reading light attachment for a telephone. 2,762,868, 9-11-56, Cl. 179—157.
- Wandel, Kurt. Disintegrating apparatus. 2,729,145, 1-3-56, Cl. 92—20.
- Wandel, Kurt. Impellers for pulp disintegrating machines. 2,729,146, 1-3-56, Cl. 92—26.
- Wandel, Oscar A., to Fastener Corp. Tool operating mechanism. 2,763,861, 9-25-56, Cl. 1—44.4.
- Wandelt, Richard F., to Industrial Radiant Heat Corp. Packaging method. 2,750,719, 6-19-56, Cl. 53—22.
- Wanders, Hans H. Machine for molding a succession of beads on a wire. 2,744,289, 5-8-56, Cl. 18—21.
- Wanek, Otto: See—
- Swenson, Paul F., and Cooperrider. 2,772,834.
- Wang, An, to Laboratory For Electronics, Inc. Synchronizer. 2,731,163, 10-30-56, Cl. 340—174.
- Wang, An. Triggering circuit. 2,772,357, 11-27-56, Cl. 250—27.
- Wang, Chao C., to Sperry Rand Corp. High frequency apparatus. 2,741,718, 4-10-56, Cl. 315—3.5.
- Wang, Robert: See—
- Nicholson, Donald M., and Wang. 2,740,878.
- Wang, Su M.: See—
- Barry, Richard H., Wang, and Walter. 2,749,339.
- Waning, Hendrik, to Naamloze Vennootschap Kunstzijde-spinners Nyma. Process for the preparation of oxidation products of cellulose. 2,758,112, 8-7-56, Cl. 260—212.
- Wanka, Josef, to International Telephone and Telegraph Corp. Termination circuit for transmitting all types of electrical signals, particularly in telephone communications. 2,754,480, 7-10-56, Cl. 333—11.
- Wankat, Charles, to Universal Oil Products Co. Rolling of metals. 2,729,992, 1-10-56, Cl. 80—16.
- Wankat, Charles, to Universal Oil Products Co. Manufacture of spherical gel particles. 2,733,220, 1-31-56, Cl. 252—448.
- Wankat, Charles, to Universal Oil Products Co. Production of nitration grade aromatics by catalytic hydroforming, solvent extraction and clay treatment. 2,744,942, 5-8-56, Cl. 260—674.
- Wanlass, Cravens L., to North American Aviation, Inc. Transistor Multivibrator. 2,757,286, 7-31-56, Cl. 250—36.
- Wanless, Graham G.: See—
- Stewart, Joseph, and Wanless. 2,772,222.
- Wann, Laymond D., to Continental Oil Co. Electrical logging apparatus. 2,742,606, 4-17-56, Cl. 324—10.
- Wannamaker, William H., Jr.: See—
- Davis, Henry F., and Wannamaker. 2,756,376.
- Wannamaker, William H., Jr., to Minneapolis-Honeywell Regulator Co. Temperature measuring apparatus. 2,745,285, 5-15-56, Cl. 73—360.
- Wannamaker, William H., Jr., and R. L. Miller, to Minneapolis-Honeywell Regulator Co. Electrical measuring apparatus. 2,750,547, 6-12-56, Cl. 313—29.
- Wanner, William F., A. O. Williamson, and D. O. Hall, to Wm. Bros. Boiler & Mfg. Co. Rotary snow plow. 2,735,199, 2-21-56, Cl. 37—43.
- Wang, Richard D.: See—
- Smith, Grover H., and Wang. 2,738,672.
- Wanzer, Arthur W. Balanced propeller operating mechanism for vessel. 2,755,765, 7-24-56, Cl. 115—35.
- Wanzer, Arthur W. Outboard propeller mechanism for a vessel. 2,755,766, 7-24-56, Cl. 115—35.
- Wapner, Joseph S.: See—
- Cooper, Benjamin, Hohmann, and Wapner. 2,749,538.
- Wapner, Ralph C., to The Ohio Thermometer Co. Temperature controlled switch. 2,740,866, 4-3-56, Cl. 200—142.
- War, United States of America as represented by the Secretary of: See—
- Clark, Royal P., Clogston, and Everhart. 2,737,610.
- Chance, Britton, and Greenwood. 2,755,464.
- Clarke, Allen S. 2,755,737.
- Conrod, Lew G., Jr. 2,756,709.
- Cooper, Lyle M. 2,737,117.
- Cooper, Lee L. 2,743,437.
- De Pina, Anthony V. 2,771,841.
- Dodda, Nugent. 2,756,767.
- Flesher, Louis F., and Hersberg. 2,742,856.
- Fuson, Reynold C., and Shive. 2,756,245.
- Gehauf, Bernard. 2,769,001.
- Golden, Sidney. 2,763,127.
- Harvey, Earle M. 2,742,822.
- Hersberg, Emanuel B. 2,737,114.
- Hudson, Collin M., and Skinner. 2,764,091.
- Hull, Charles J., and Tuttle. 2,732,801.
- Hussmann, Albrecht W. 2,738,123.
- Lee, Richard W. 2,739,306.
- Massey, Mark F. 2,764,092.
- Millman, Sidney. 2,765,425.
- Millman, Sidney. 2,768,327.
- Moore, James R. 2,741,742.
- Musser, Clarence W. 2,733,639.
- Musser, Clarence W. 2,741,160.
- Northrop, John H. 2,757,132.
- Ricards, Harold A., Jr., Matheson, Cooper, Knox, and Russell. 2,741,177.
- Russell, Francis R., and Knox. 2,741,178.
- Stoddard, Boston. 2,730,922.
- Stoddard, James V. 2,741,092.
- Sweetman, Leroy R. 2,742,821.
- Thomas, Charles A. 2,742,672.
- Winer, Max. 2,763,209.
- Woyaki, Mark M., and Shoemaker. 2,733,217.
- War, United States of America as represented by the Secretary of, trustee: See—
- Barker, Maurice E. 2,737,889.
- Warach, Theodore M. Slip cover. Re. 24,221, 9-18-56, Cl. 153—182.
- Warach, Theodore M. Slip cover. 2,729,278, 1-3-56, Cl. 155—182.
- Warach, Theodore M. Slip cover. 2,734,558, 2-14-56, Cl. 155—182.
- Warburton, Dennis S.: See—
- Brunby, Harold, and Warburton. 2,761,637.
- Warburton, Geoffrey, and W. J. P. Clarke, to Aero Zipp Fasteners Ltd. Method of manufacturing sliding clasp fasteners. 2,744,313, 5-8-56, Cl. 29—408.
- Warburton, Kenneth R., to The Hoover Co. Flexible hose. 2,731,040, 1-17-56, Cl. 138—49.
- Warburton, Ray W., to Westinghouse Electric Corp. Electrostatic precipitator. 2,730,191, 1-10-56, Cl. 183—V.
- Warburton, Ray W., to Westinghouse Electric Corp. Washers for electrostatic precipitators. 2,737,257, 3-6-56, Cl. 183—7.

- Warburton, Rupert E. L.: See—  
Sandford, William H. 2,765,905.
- Warch, John A. Flush tank silencer. 2,738,851, 3-20-56, Cl. 181-49.
- Ward, Arthur G.: See—  
Cooke, Arthur H., Skinner, and Ward. 2,738,418.
- Ward, Bernard H., to Ward Mac-Fry Development Co. Seed planter. 2,742,192, 4-17-56, Cl. 222-139.
- Ward Blenkinsop & Co. Ltd.: See—  
Goldberg, Alan A. 2,775,595.
- Ward, Bryant L. Convertible stage. 2,740,165, 4-3-56, Cl. 20-1123.
- Ward, Delbert J. Apparatus for locating the neutral plane in generators and motors. 2,752,568, 6-26-56, Cl. 324-158.
- Ward, Frank L. Bridge balancing devices. 2,769,071, 10-30-56, Cl. 201-54.
- Ward, Frederick L., to Robert W. Ward Co. Method and apparatus for cleaning foundry sand. 2,766,496, 10-16-56, Cl. 22-89.
- Ward, Frederick H.: See—  
Watson, Henry R., and Ward. 2,742,824.
- Ward, G. A.: See—  
Ward, John W. 2,745,580.
- Ward, George C., F. J. Porter, and G. W. Seymour, to Celanese Corp. of America. Dry cleaning of cellulose acetate fabrics with a fading inhibitor in the solvent. 2,741,533, 4-10-56, Cl. 8-17.
- Ward, George D.: See—  
Berg, Robert L., and Ward. 2,768,124.
- Ward, George R.: See—  
Maysmor, Charles W. K., Page, Ward, and Webster. 2,754,784.
- Ward, George R., to British Insulated Callender's Cables Ltd. Manufacture of electric capacitors. 2,740,928, 4-3-56, Cl. 317-261.
- Ward, Harold F., to General Electric Co. Luminescent zinc, cadmium, and zinc-cadmium sulphides. 2,732,347, 1-24-56, Cl. 252-301.6.
- Ward, Irving A.: See—  
Bletcher, Ralph E., and Ward. 2,741,258.
- Bletcher, Ralph E., and Ward. 2,769,454.
- Ward, Jack H., and R. A. Ross: said Ward assor. to said Ross. Guide or lure for deep fishing. 2,731,755, 1-24-56, Cl. 43-13.
- Ward, James E., to Safeway Stores, Inc. Defoamer. 2,753,098, 7-3-56, Cl. 226-69.
- Ward, John A., III. Jet power plant convertible to axial flow turbojet or to ramjet operation. 2,762,192, 9-11-56, Cl. 60-35.6.
- Ward, John B.: See—  
Sperandio, Glen J., and Ward. 2,742,396.
- Ward, John C.: See—  
Flohr, Alfred J. 2,739,332.
- Ward, John V., to Gulf Research & Development Co. Fluidized fixed bed process and apparatus. 2,760,842, 8-28-56, Cl. 23-1.
- Ward, John V., to Gulf Research & Development Co. Fluidized catalytic process for the destructive hydrogenation of hydrocarbons. 2,760,918, 8-28-56, Cl. 196-53.
- Ward, John V., and B. M. Wedner, to Gulf Research & Development Co. Fluidized solids chemical apparatus. 2,745,725, 5-15-56, Cl. 23-288.
- Ward, John W., 10% to W. R. Draughon, and 10% to G. A. Ward. Protective guard for wrist watches. 2,745,580, 5-15-56, Cl. 224-4.
- Ward, John W., and G. G. Bruck, to Specialties, Inc. Illumination meter. 2,765,703, 10-9-56, Cl. 88-23.
- Ward, Lawrence T. Cigarette lighter and valve. 2,732,699, 1-31-56, Cl. 67-7.1.
- Ward, Lawrence T. Propane primer valve. 2,761,596, 9-4-56, Cl. 222-444.
- Ward, Lawson J., to Sylvania Electric Products Inc. Lead-wire feeding method. 2,762,110, 9-11-56, Cl. 29-25.11.
- Ward Leonard Electric Co.: See—  
Grillo, Joseph. 2,740,950.
- Grillo, Joseph. 2,745,090.
- Grillo, Joseph. 2,754,468.
- McKenna, Alexander G. 2,768,344.
- Ward, Louis J.: See—  
Ward, Lowell U. and L. J. 2,752,205.
- Ward, Lowell U. and L. J. Wallboard lift. 2,752,205, 6-26-56, Cl. 304-29.
- Ward, Loyd A.: See—  
Tureaud, Aloysius K. 2,738,190.
- Ward, Lyle O. Vehicle spring suspension. 2,732,220, 1-24-56, Cl. 280-124.
- Ward Mac-Fry Development Co.: See—  
Ward, Bernard H. 2,742,192.
- Ward, Paul J.: See—  
Kraft, Norman, and Ward. 2,743,186.
- Ward, Robert M., and I. R. Kacir, to Thompson Products, Inc. Piston ring. 2,764,458, 9-25-56, Cl. 309-44.
- Ward, Robert W., and E. A. Watson, to ACF Industries, Inc. Self-contained paint spray booth. 2,757,597, 8-7-56, Cl. 98-115.
- Ward, Robert W. Co.: See—  
Ward, Frederick L. 2,766,496.
- Ward, Samuel I.: See—  
Robb, Charles G., and Ward. 2,761,832.
- Ward, Samuel I. Liquid treating apparatus. 2,761,833, 9-4-56, Cl. 210-24.
- Ward, Samuel J., and M. C. Cross, to Universal Pole Bracket Corp. Transformer cluster rack. 2,761,643, 9-4-56, Cl. 248-230.
- Ward, Thomas C. Infant accessories. 2,742,651, 4-24-56, Cl. 5-98.
- Ward, Thomas C. Spinal flexion brace. 2,760,486, 8-28-56, Cl. 128-78.
- Ward, William E., to The Norwich Pharmacal Co. Composition for the treatment of demodectic mange. 2,739,097, 3-20-56, Cl. 187-53.2.
- Ward, William E., to The Cleveland Crane & Engineering Co. Power presses and clutches therefor. 2,741,353, 4-10-56, Cl. 192-85.
- Ward, William E., to The Cleveland Crane & Engineering Co. Fluid operated clutch. 2,759,583, 8-21-56, Cl. 192-85.
- Ward, William E., to Chandler Products Corp. Disengageable drive means in a heading machine. 2,768,394, 10-30-56, Cl. 13-8.
- Ward, William F., and E. J. Winship, to Koppers Co., Inc. Combination underfeed and lap stacker. 2,758,838, 8-14-56, Cl. 271-76.
- Wardell, Vincent J.: See—  
2,756,694, 7-31-56, Cl. 105-378.
- Wardell, MacArthur, Jr. Deodorant spray toilet paper hanger. 2,746,798, 5-22-56, Cl. 299-96.
- Wardell, Marvin H.: See—  
Krupp, Robert P., and Wardell. 2,764,995.
- Warden, Robert L., and K. W. Robertson, to Shell Development Co. Automatic inhibitor injection system for pumping wells. 2,773,551, 12-11-56, Cl. 166-75.
- Wardlaw, Russell: See—  
Cookson, Harold W., Jr., Forestier, and Wardlaw. 2,763,036.
- Ware, Ennis. Valve guide for flush tanks. 2,733,449, 2-7-56, Cl. 4-57.
- Ware, Frank B., to Tartan Knitting Mills, Inc. Selector mechanism for jacquard-punching machine and the like. 2,774,428, 12-18-56, Cl. 164-112.
- Ware, Frank N., to United States Steel Corp. Circuits for winch motors. 2,729,775, 1-3-56, Cl. 318-87.
- Ware, John B., Jr. Metal window structure. 2,753,020, 7-3-56, Cl. 189-39.
- Ware, Marsden, and J. E. Witzky, to Studebaker-Packard Corp. Internal combustion engine cylinder assemblies. 2,739,597, 3-27-56, Cl. 123-41.31.
- Ware, Orly W. Fishhooks. 2,759,536, 7-31-56, Cl. 43-44.8.
- Ware, Richard N., Jr., to Chicago Mill and Lumber Co. Method and apparatus for making wet covered spaced panels. 2,761,487, 9-4-56, Cl. 154-1.6.
- Ware, Richard N., Jr., to Chicago Mill and Lumber Co. Method and apparatus for making paper covered wood veneer assemblies. 2,772,717, 12-4-56, Cl. 154-1.6.
- Ware, Richard N., Jr., and M. B. Christian, to Chicago Mill and Lumber Co. Method of making paper-covered folding box blanks. 2,744,046, 5-1-56, Cl. 154-118.
- Wargo, Peter, to Stewart-Warner Corp. Electromagnetic operated fuel pump. 2,754,436, 7-10-56, Cl. 310-32.
- Wargons Aktiebolag: See—  
Brundell, Gunnar, and Tjernström. 2,733,140.
- Warholak, Michael. Hair curler. 2,767,719, 10-23-56, Cl. 13-40.
- Waring, Charles E., and D. K. Shipley, to W. R. Grace & Co. Low density silica gel. 2,759,798, 8-21-56, Cl. 23-182.
- Waring, Frank E., to Triangle Products Ltd. Portable electric spot welding tools. 2,747,063, 5-22-56, Cl. 219-4.
- Wark, John D.: See—  
Schladermunt, Peter, and Wark. 2,740,529.
- Warkentin, Muriel N.: See—  
Mathison, Volney G. 2,736,313.
- Warman, Bloomfield J., to Siemens Brothers & Co. Ltd. Automatic telephone systems. 2,763,723, 9-18-56, Cl. 179-18.
- Warman, Bloomfield J., to Siemens Brothers & Co. Ltd. Electrically operated registers. 2,767,248, 10-16-56, Cl. 179-18.
- Warmoltz, Nicolaas, to Hartford National Bank and Trust Co., as trustee. Portable dosimeter for radio-active radiation. 2,748,291, 5-29-56, Cl. 250-83.6.
- Warmoltz, Nicolaas, to Hartford National Bank and Trust Co., as trustee. High-vacuum discharge tube. 2,749,468, 6-3-56, Cl. 313-233.
- Warmoltz, Nicolaas, to Hartford National Bank and Trust Co., as trustee. Mass spectrometer for analysing substances or indicating a small amount of a determined substance. 2,769,911, 11-6-56, Cl. 250-41.9.
- Warner, Julien: See—  
Nordine, Gérard, and Warnant. 2,768,189.
- Warnant, Julien, and G. Nordine, to Les Laboratoires Français de Chimiothérapie. Process of producing cortisone and its esters. 2,768,191, 10-23-56, Cl. 260-397.45.
- Warndahl, Robert G. Fishing rod handle with scale and measuring tape. 2,750,184, 6-12-56, Cl. 265-63.
- Warne, Eugene H.: See—  
Harris, Thomas A., Lawrence, and Warne. 2,759,532.
- Harris, Thomas A., Lawrence, and Warne. 2,769,488.
- Warne, Frederick C., to Pittsburgh Forgings Co. Tractor drawn implements. 2,747,355, 5-29-56, Cl. 55-84.
- Warneck, Leo J. Combined horn sounding and headlight beam selector and wiring system therefor. 2,734,181, 2-7-56, Cl. 340-75.
- Warnecke, Robert, and W. Kleen, to Compagnie Generale de Telephonie Sans Fil. Travelling-wave amplifying tube. 2,761,088, 8-28-56, Cl. 315-3.5.
- Warnecke, Robert, and O. Dohler, to Compagnie Generale de Telephonie Sans Fil. Symmetrical interdigital line for travelling wave tubes. 2,770,780, 11-13-56, Cl. 333-31.



- Warnecke, Robert L., to Roberts-Gordon Appliance Corp. Gas burner and constant pilot. 2,772,730, 12-4-56, Cl. 158-115.
- Warner, Alden Y., and A. S. Brown, to The Capewell Mfg. Co. Snorkel. 2,742,899, 4-24-56, Cl. 128-145.
- Warner, Alden Y., Y. J. Craven, J. Stacherl, and O. A. Boessel, to The Capewell Mfg. Co. Adjustable connector. 2,754,560, 7-17-56, Cl. 24-196.
- Warner, Arthur H., and W. B. McLean. Self-propelled missile. 2,752,850, 7-3-56, Cl. 102-50.
- Warner Brothers Co., The: *See—*
- Farley, Walter M., Kellogg, and Phillips. 2,742,004.
- Malloy, Georgia M., and L. Bue. 2,761,146.
- Warner Bros. Pictures, Inc.: *See—*
- Mueller, William A. 2,734,948.
- Warner, Edgar, to The Champion Paper and Fibre Co. Doctor blade for paper coating apparatus. 2,729,192, 1-3-56, Cl. 15-117.
- Warner Electric Brake & Clutch Co.: *See—*
- Harter, Paul A. 2,729,818.
- Mason, James A. 2,738,449.
- Meyer, Arthur A. 2,739,684.
- Oetzel, John G. 2,745,974.
- Pierce, William C. 2,765,878.
- Pierce, William C. 2,765,891.
- Warner, Ernest S. Bark-removing rotor having brake-actuated pivotally mounted tools. 2,733,743, 2-7-56, Cl. 144-210.
- Warner, Frank W., to Radio Corp. of America. Oscillator. 2,777,316, 10-16-56, Cl. 250-36.
- Warner-Hudnut, Inc.: *See—*
- Crammond, Peter, and Denney. 2,774,989.
- Warner, Kenneth M. Fishing reel. 2,740,608, 4-3-56, Cl. 17-135.
- Warner-Lambert Pharmaceutical Co.: *See—*
- Baum, Harold M. 2,746,905.
- Delafontaine, Charles, and Baumgardner. 2,729,886.
- Warner Lewis Co.: *See—*
- McCann, Kelly F. 2,731,150.
- McCann, Kelly F. 2,754,978.
- Warner, Milton F., to Whirlpool-Seeger Corp. Refrigerator compressor. 2,767,903, 10-23-56, Cl. 230-58.
- Warner, Ira D.: *See—*
- Smith, Ira D., Takacs, and Warner. 2,735,674.
- Warner, Sherman K.: *See—*
- Johnson, Paul S., and Warner. 2,757,481.
- Warner, Sterling W., to American Viscose Corp. Automatic sheet guide. 2,766,949, 10-16-56, Cl. 242-76.
- Warner & Swasey Co., The: *See—*
- Hofman, Walter A. 2,766,777.
- Nichta, John J. 2,730,229.
- Nichta, John J. 2,750,025.
- Sandelin, Olle E. 2,774,995.
- Smith, Harvey M., and Aschcroft. 2,757,876.
- Spisak, Andrew A. 2,744,295.
- Spisak, Andrew A., and Perrault. 2,760,237.
- Taylor, Ralph E., Sr., and Whewell. 2,744,545.
- Warner & Swasey Research Corp., The: *See—*
- Tandler, William S. 2,748,490.
- Tandler, William S., Walker, Grossman, and Sloan. 2,756,510.
- Warner, Wilbur W., to General Electric Co. Reversing motor circuit. 2,743,332, 9-29-56, Cl. 315-207.
- Warner, William D. Hydraulic overshoot. 2,734,768, 2-14-56, Cl. 294-86.
- Warnes, Anthony G.: *See—*
- Smith, Frederick J. 2,771,950.
- Wartian, Elmer P., to Cincinnati Testing and Research Laboratories. Machine for making compressor blades. 2,746,514, 5-22-56, Cl. 154-1.
- Warns, Willard F. Glass panel sunshield. 2,745,150, 5-15-56, Cl. 20-56.5.
- Warp, Harold, to Flex-O-Glass, Inc. Method of making reinforced laminated material. 2,742,391, 4-17-56, Cl. 154-127.
- Warp, John R., to Flex-O-Glass, Inc. Window panel storm covering for doors and the like. 2,741,306, 4-10-56, Cl. 160-369.
- Warr, Albert B. Insect guard for trees. 2,746,201, 5-22-56, Cl. 43-108.
- Warren Alloy: *See—*
- Johnson, Fred H. 2,774,859.
- Maganus, Paul G. 2,752,302.
- Warren, Alva F.: *See—*
- Karr, William F., and Warren. 2,728,986.
- Warren Automatic Tool Co.: *See—*
- Storm, Lynn W. 2,733,599.
- Warren, B. O.: *See—*
- Day, Luther V. 2,760,425.
- Warren, Charles S., to Radio Corp. of America. Magnetic switch. 2,733,165, 2-7-56, Cl. 340-166.
- Warren, Charles W., to American Cyanamid Co. Current limiting power supply for photomultiplier. 2,733,357, 1-31-56, Cl. 250-207.
- Warren, Earl A., to Sperry Rand Corp. Gauging and testing mechanism. 2,757,537, 8-7-56, Cl. 73-162.
- Warren, Fredrick W.: *See—*
- Crabbe, John D., and Warren. 2,757,709.
- Warren, Glenn W.: *See—*
- Dylewski, Stanley W., Dulude, and Warren. 2,769,841.
- Warren, Grant E.: *See—*
- Anderson, Henry W., Warren, and Bartholomew. 2,738,326.
- Warren, Harry G., to Nylon-Maid, Inc. Shower head. 2,756,108, 7-24-56, Cl. 299-152.
- Warren, Henry B., to Lombard Governor Corp. Automatic lubricator for power driven chain saw. 2,741,276, 4-10-56, Cl. 143-32.
- Warren, Henry G. Water sprinkler. 2,733,958, 2-7-56, Cl. 299-56.
- Warren, Howard C. Annunciator system. 2,730,704, 1-10-56, Cl. 340-213.
- Warren, Jane: *See—*
- Chance, Leon H., Warren, and Guthrie. 2,743,232.
- Warren, Joel. Sensitization of photographic emulsions. 2,740,713, 4-3-56, Cl. 95-7.
- Warren, John C. R., to The Dow Chemical Co. Herbicidal composition. 2,741,115, 4-10-56, Cl. 71-2.6.
- Warren Petroleum Corp.: *See—*
- Lofstin, Charles F., Jr. 2,734,729.
- Warren, Phil: *See—*
- Stratton, Cleo C. 2,741,105.
- Warren, Ray C., to Hershel California Fruit Products Co., Inc. Fruit lifting device. 2,733,724, 2-7-56, Cl. 134-134.
- Warren, Robert C., and W. J. Barrow. Vacuum selector operated safety signal device for automotive vehicles. 2,764,962, 10-2-56, Cl. 123-97.
- Warren, Robert E., and W. H. Yeamans, to General Electric Co. Bus bar support. 2,733,289, 1-31-56, Cl. 174-99.
- Warren, Ronald G.: *See—*
- Kittleman, Robert H., and Warren. 2,766,094.
- Warren, R. R. Fire-hydrant wrench. 2,733,626, 2-7-56, Cl. 81-93.
- Warren, S. D., Co.: *See—*
- Frost, Frederick H. 2,741,981.
- Frost, Frederick H., and Leighton. 2,759,847.
- Hart, Robert T. 2,769,725.
- Warren, Samuel D.: *See—*
- Lilenfeld, Julius E. 2,742,596.
- Warren, William O.: *See—*
- Adams, Claude W., and Warren. 2,752,689.
- Warrick, Edward C.: *See—*
- Wheeler, Albert S., and Warrick. 2,773,640.
- Warrick, Halsted B., to The Texas Co. Catalytic conversion of hydrocarbons with pressure regulation in the conversion and regeneration zones. 2,738,310, 3-13-56, Cl. 196-52.
- Warrington, Albert R. V., to The English Electric Co. Ltd. Electrical relays. 2,761,999, 9-4-56, Cl. 317-156.
- Warry, R. F. Ltd.: *See—*
- Warry, Reginald F. 2,757,756.
- Warry, Reginald F., to R. F. Warry Ltd. Hoists. 2,757,756, 8-7-56, Cl. 187-11.
- Warsaw, David J. Block-mold pallet cleaning mechanism. 2,752,621, 7-3-56, Cl. 15-93.
- Warshaw, Julius: *See—*
- Dalley, Edgar G., Warshaw, and Pegram. 2,743,554.
- Warshawsky, Irving. Electrical fixture swivel joint constructions. 2,729,473, 1-3-56, Cl. 285-96.6.
- Warshawsky, Sarah. Child's combination undergarment. 2,729,915, 2-3-56, Cl. 2-7.
- Warsber, Adolph, and P. J. Guillot, to Bendix Aviation Corp. Mount structure for electric components. 2,755,048, 7-17-56, Cl. 248-27.
- Warmish, Harry R., to The Jeffrey Mfg. Co. Machine parts, including rim, tooth or segment inserts. 2,764,900, 10-2-56, Cl. 17-434.
- Warthen, Ray: *See—*
- Miller, Mary W., and Warthen. 2,767,969.
- Wartian, George, to Wartian Lock Co. Door closer and check. 2,735,132, 2-21-56, Cl. 16-52.
- Wartian, George, to Wartian Lock Co. Door latch and lock. 2,773,376, 12-11-56, Cl. 70-150.
- Wartian Lock Co.: *See—*
- Wartian, George. 2,735,132.
- Wartian, George. 2,773,376.
- Warwick Mfg. Corp.: *See—*
- Schroeder, Leslie B. 2,734,386.
- Waschle, Leo P., and R. A. Griffith. Photographic exposure frame. 2,752,817, 7-3-56, Cl. 88-24.
- Washabaugh, Edward P., to American-Marietta Co. Machine for shaping an elliptical wire cage. 2,742,077, 4-17-56, Cl. 74-134.
- Washburn, Alfred F. Sprinkler toy. 2,752,156, 6-26-56, Cl. 273-101.
- Washburn, Clayton A., to the United States of America as represented by the Secretary of the Navy. Coil form. 2,762,581, 9-11-56, Cl. 242-119.
- Washburn Co., The: *See—*
- Glenny, Clarence S. 2,767,894.
- Lawrence, J. Richard. 2,738,943.
- Washburn, David A.: *See—*
- Goss, Wilbur H., and Washburn. 2,748,703.
- Washburn, Earl L., to Wallace & Ternan Inc. Limit responsive means for motors in servo systems and the like. 2,750,546, 6-12-56, Cl. 318-28.
- Washburn, Ernest E. Drive for saw mill carriages and the like. 2,731,844, 1-24-56, Cl. 74-202.
- Washburn, Frederick C. Elastic temple rolls for looms and the like. 2,768,651, 10-30-56, Cl. 139-296.
- Washburn, Harold W., to Consolidated Electrodynamics Corp. Mass spectrometry. 2,772,364, 11-27-56, Cl. 250-41.9.
- Washburn, John M., and B. N. Pierce, to The Merrow Machine Co. Sewing machine shirring means. 2,751,867, 6-26-56, Cl. 112-134.
- Washburn, Raymond P.: *See—*
- Clark, Howard L., and Washburn. 2,758,274.

- Washburn, Selden G. Snow plow. 2,774,153, 12-18-56, Cl. 37-43.
- Washburn, Stanley, Jr. Roller board device. 2,764,411, 9-25-56, Cl. 272-1.
- Washer, Morris. Portable automatic bed lifter and exerciser. 2,744,522, 5-8-56, Cl. 128-33.
- Washer, Ross. *See*—  
Greenwood, Paul. 2,754,564.
- Washington Iron Works Co. *See*—  
Burton, Hobart. 2,734,641.
- Washington Iron Works Co. *See*—  
Anderson, Peter. 2,772,071.
- Washington Mills Co. *See*—  
Brice, John. 2,747,507.
- Washington Mortuary Supply Co. *See*—  
Ferneau, Richard H., and Milley. 2,747,919.
- Washington, Nathaniel W. Articulated structure. 2,751,634, 6-26-56, Cl. 20-10.5.
- Washington Steel Products, Inc. *See*—  
Jorgensen, Robert A. 2,767,005.  
Jorgensen, Robert A., and Carlson. 2,761,172.
- Washten, Edward, and M. J. Burger, to the United States of America as represented by the Secretary of the Army. Method of growing nepheline crystals. 2,766,105, 10-9-56, Cl. 23-301.
- Wasko, Bernard, to Voland and Sons, Inc. Mountings for weight supporting members of analytical balance. 2,729,438, 1-3-56, Cl. 135-49.
- Wasmandorff, Carlton, to Standard Coil Products Co. Inc. Tunable unit for radio apparatus. 2,734,175, 2-7-56, Cl. 333-82.
- Wasmandorff, Carlton, to Standard Coil Products Co. Inc. Tunable amplifier and converter unit for radio apparatus. 2,740,042, 3-27-56, Cl. 250-20.
- Wassell, Frank L., to G. P. Wassell. Multiple rotary card file. 2,750,051, 6-12-56, Cl. 211-131.
- Wassell, Frank L., to G. P. Wassell. Multiple card support and partition member for files. 2,761,452, 9-4-56, Cl. 129-16.
- Wassell, Frank L. and G. W. Tree balling device. 2,769,278, 11-6-56, Cl. 47-37.
- Wassell, George W. *See*—  
Wassell, Frank L. and G. W. 2,769,278.
- Wassell, Georgene P. *See*—  
Wassell, Frank L. 2,750,051.
- Wassell, Frank L. 2,761,452.
- Wasser, Fred. Device for spreading butter or the like. 2,756,498, 7-31-56, Cl. 30-130.
- Wasserbach, Theodore B. *See*—  
Barnum, Robert B., Jenkins, and Wasserbach. 2,749,225.
- Wasserbach, Theodore B., and R. W. Walker, to Esso Research and Engineering Co. Process of phosphorus compounds in leaded gasoline. 2,764,866, 10-2-56, Cl. 50-35.4.
- Wasserman, David, to The Harvel Corp. Compositions of matter and methods and steps of making and using the same. 2,739,955, 3-27-56, Cl. 260-46.
- Wasserman, George. Gasoline lock for automobiles. 2,768,854, 10-30-56, Cl. 292-347.
- Wasserman, Lee S. *See*—  
Kraft, Elroy J., and Wasserman. 2,746,374.
- Wasserman, Rene D., to Eutectic Welding Alloys Corp. Process for preparing aluminum cables for soldering. 2,761,792, 9-4-56, Cl. 117-50.
- Wasserman, Rene D., to Eutectic Welding Alloys Corp. Electric gouging tool. 2,761,796, 9-4-56, Cl. 117-202.
- Wasserman, Rene D., and J. Quans, to Eutectic Welding Alloys Corp. Electrode flux covering for copper and copper-base alloy core materials. 2,731,373, 1-17-56, Cl. 148-26.
- Wasserrab, Theodor, to Aktiengesellschaft Brown, Boveri & Cie. Contact rectifier for polyphase alternating current system. 2,741,735, 4-10-56, Cl. 321-48.
- Wassmer, Fred. Device for taking the temperature of fibrous material. 2,734,382, 2-14-56, Cl. 73-352.
- Wasson, Clifford H., to The Nik-O-Lok Co. Dual key lock structure. 2,762,216, 9-11-56, Cl. 70-63.
- Wasson, Harold M. *See*—  
Pan, Wen X., and Wasson. 2,760,061.
- Wasson, Jones I. *See*—  
Howell, William C., Jr., and Wasson. 2,731,418.  
Howell, William C., Jr., and Wasson. 2,768,953.
- Wasson, Jones I., to Marway, to Esso Research and Engineering Co. Non-inflammable hydraulic fluid. 2,737,497, 3-6-56, Cl. 252-76.
- Wasson, Jones I., and L. A. Mikeska, to Esso Research and Engineering Co. Additive for lubricants. 2,754,269, 7-10-56, Cl. 252-55.
- Wasyluka, Paul, to Gaylord Container Corp. Nestable containers. 2,735,607, 2-21-56, Cl. 229-14.
- Watanabe, Warren H., to Rohm & Haas Co. Cyclic compounds. 2,762,607, 2-26-56, Cl. 260-307.
- Watanabe, Warren H., and L. E. Conlon, to Rohm & Haas Co. Vinyl transesterification. 2,760,990, 8-28-56, Cl. 260-614.
- Watanabe, Yasuo. Slidable jaw wrench with hand grip and adjusting link. 2,729,127, 1-3-56, Cl. 81-88.
- Wate Electric Products Co. *See*—  
Killian, Stanley and Long. 2,767,383.
- Waterbury Farrel Foundry & Machine Co., The. *See*—  
Byam, Erwin B. 2,750,818.  
Byam, Erwin B., and Underdrifts. 2,762,064.
- Pizato, Joseph. 2,735,367.
- Schaeffer, Joseph M. 2,730,731.
- Schaeffer, Joseph M. 2,737,669.
- Schaeffer, Joseph M. 2,756,444.
- Schaeffer, Joseph M. 2,758,322.
- Waterbury, Nelson J. Combined necktie and retaining tab. 2,743,452, 5-1-56, Cl. 2-145.
- Waterbury Tack Co., Inc. *See*—  
Reilly, James J. 2,758,301.
- Shannon, John L. 2,731,131.
- Waterhouse, Charles L., J. W. Pyuro, and L. Thoms, to General Motors Corp. Unit body frame for automotive vehicle. 2,733,096, 1-31-56, Cl. 296-28.
- Waterloo Foundry Co. *See*—  
Harmon, Cline H. 2,749,832.
- Waterman Engineering Co. *See*—  
Cooper, Roy L. 2,740,060.
- Waterman, Hein I. *See*—  
Fortuin, Jan P., and Waterman. 2,730,550.  
Fortuin, Jan P., and Waterman. 2,749,368.
- Waterman, Hein I., and R. Sliderius, to J. C. van Dijk. Method of treating water. 2,761,563, 9-4-56, Cl. 210-42.5.
- Waterman, Herbert C. *See*—  
Doremus, John A., Stenerson, and Waterman. 2,731,622.
- Waterman, Max L., to The Singer Mfg. Co. Sewing machine drives. 2,758,558, 8-14-56, Cl. 112-218.
- Waterman, Nell S. Medicinal applicator. 2,767,712, 10-23-56, Cl. 128-26.
- Waterman Pen Co., Inc. *See*—  
Tonkovich, William. 2,770,221.
- Waterman Steamship Corp. *See*—  
McKee, George T. 2,737,919.
- Waterman, William. *See*—  
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Thomas, William W. 2,772,065.
- Waterous Co. *See*—  
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Thomas, David F., and Rathburn. 2,750,893.  
Thomas, David F., and Rathburn. 2,750,894.
- Waterous Ltd. *See*—  
Sandison, Alexander G. 2,732,032.  
Sandison, Alexander G. 2,752,828.
- Waters, David, to A. V. Ltd. Electric switches. 2,740,013, 3-27-56, Cl. 200-113.
- Waters, Edward G. Gynecological instrument. 2,763,265, 9-18-56, Cl. 128-343.
- Waters, Henry C. *See*—  
Wastel, Jacques H., and Waters. 2,768,684.
- Waters, Milton V. *See*—  
Carpenter, Edwin O., Morgan, and Waters. 2,732,521.
- Waters, Norman D. *See*—  
Frydender, Abraham L., and Waters. 2,750,606.
- Watertown Mfg. Co., The. *See*—  
Hedu, Jon. 2,756,909.
- Waterval, William. Multicylinder engine. 2,734,494, 2-14-56, Cl. 123-52.
- Watkins, William. Turbine driven steerable, reversible, outboard motor. 2,766,715, 10-10-56, Cl. 115-18.
- Watervliet Paper Co. *See*—  
Scheid, Louis J. 2,764,289.
- Watford Electric & Mfg. Co. Ltd. *See*—  
Watford, Arthur C., and Craven. 2,764,648.
- Watken, Ernest L. Display device for use with tires. 2,774,163, 12-18-56, Cl. 40-123.
- Watne, Fred. *See*—  
Rubb, William D., and Watne. 2,772,005.
- Watkins, Alexander, and G. Marsden. Spinning musical toy. 2,744,354, 5-8-56, Cl. 46-60.
- Watkins, Charles H. *See*—  
De Rosset, Armand J., and Watkins. 2,730,488.
- Watkins, Charles H., to Universal Oil Products Co. Manufacture of solid polymerization catalysts. 2,748,090, 5-29-56, Cl. 252-433.
- Watkins, Charles H., to Universal Oil Products Co. Method of processing hydrocarbons with a molten medium. 2,749,288, 6-5-56, Cl. 196-52.
- Watkins, Charles H., to Universal Oil Products Co. Method for producing and recovering aromatic hydrocarbons. 2,766,308, 10-9-56, Cl. 260-673.
- Watkins, Charles H., to Universal Oil Products Co. Process and apparatus for the conversion of hydrocarbonaceous substances in a molten medium. 2,768,935, 10-30-56, Cl. 196-6.
- Watkins, Dean A., to Hughes Aircraft Co. Traveling-wave tube automatic gain control. 2,752,430, 6-26-56, Cl. 179-171.
- Watkins, George F., to Rel-O-Matic Corp. Web rolling machines. 2,743,065, 4-24-56, Cl. 242-66.
- Watkins, James R. Corner hinge construction. 2,765,947, 10-9-56, Cl. 217-48.
- Watkins, John E. Pilot light for electrical device. 2,774,059, 12-11-56, Cl. 340-252.
- Watkins, Lewis W. *See*—  
Folger, Peter M. 2,774,597.
- Watkins, Lucius D. *See*—  
Irgens, Finn T., and Watkins. 2,740,368.
- Watkins, Lucius D., to Outboard, Marine & Mfg. Co. Thermal controls for engine cooling systems. 2,741,231, 4-10-56, Cl. 123-41.08.
- Watkins, Lucius D., to Outboard, Marine & Mfg. Co. Windrowing attachment for a rotary lawn mower. 2,756,556, 7-31-56, Cl. 56-189.
- Watkins, Peter H. *See*—  
Dodson, Richard W., Friedlander, Helmolz, and Watkins. 2,732,072.



- Watkins, Thomas B., to The General Electric Co. Ltd. Audio frequency control. 2,773,191, 12-4-56, Cl. 250-36.
- Watkins, Thomas I., to Boots Pure Drug Co. Ltd. Phenanthridine compounds. 2,760,963, 8-28-56, Cl. 260-286.
- Watkins, William B., to The Wm. B. Watkins Co. Ribbed grill. 2,774,935, 12-8-56, Cl. 99-425.
- Watkins, Wm. B., Co. The *See*—
- Watkins, William B. 2,774,295.
- Watkins, William M., Jr., to Robertshaw-Fulton Controls Co. Thermostats and outlet castings used in mounting thermostats in automotive cooling systems. 2,729,395, 1-3-56, Cl. 236-34.
- Watrous, Gilbert A. Standard constructions. 2,760,744, 8-28-56, Cl. 248-122.
- Watrous, Gilbert A., and F. A. Robertson. Furniture support. 2,730,419, 1-10-56, Cl. 311-110.
- Watrous, Raymond L., Jr. *See*—
- Waugan, William E., and Watrous. 2,735,300.
- Watrous, Ward W., Jr., to Gera Corp. Grid structure. 2,739,262, 3-20-56, Cl. 313-240.
- Watson, Albert T. *See*—
- Hastings, Albert T. 2,754,254.
- Watson, Claude W. Orthopedic appliance. 2,754,599, 7-17-56, Cl. 36-71.
- Watson, Claude. Journal box brass retaining spring. 2,736,618, 2-28-56, Cl. 308-53.
- Watson, Coleman H. *See*—
- Camp, James B., and Watson. 2,735,987.
- Watson, Edmund B., to the United States of America as represented by the Secretary of the Navy. Current profile recorder. 2,753,238, 7-3-56, Cl. 346-25.
- Watson, Edmund A. *See*—
- Ward, Robert W., and Watson. 2,757,597.
- Watson, Edwin B., to American La France Corp. Valve locking mechanism. 2,745,629, 5-15-56, Cl. 251-96.
- Watson Elevator Co., Inc. *See*—
- Callaway, Clarence R. 2,758,675.
- Spindler, Norman J., and Peterson. 2,758,744.
- Watson, Emmett S., and D. R. Grasky, to The Perkin-Elmer Co. Sampling apparatus. 2,757,541, 8-7-56, Cl. 73-422.
- Watson, Ernest A., and C. H. Bottoms, to Joseph Lucas (Industries) Ltd. Servo control of internal combustion prime movers by blow pressure. 2,764,868, 10-2-56, Cl. 60-39.28.
- Watson, Ernst C. Dripless cup and saucer. 2,755,644, 7-24-56, Cl. 65-15.
- Watson-Flagg Machine Co. *See*—
- Heath, William W. 2,737,920.
- Watson, Forrest J., R. C. Morris, and J. L. Van Winkle, to Shell Development Co. Higher alkyl esters of phosphonic acid. 2,753,368, 7-3-56, Cl. 260-481.
- Watson, Forrest J., and P. H. Williams, to Shell Development Co. Extreme pressure lubricant. 2,755,260, 7-17-56, Cl. 252-56.
- Watson, Glenn W. Method of balancing current volume and steam generation by use of current conducting films. 2,738,254, 5-29-56, Cl. 219-40.
- Watson, Harley M., to The Buxbaum Co. Method of repairing tires. 2,739,352, 3-27-56, Cl. 18-59.
- Watson, Harold P., to The Seitz Packing Co., Inc. Apparatus for slaughtering animals. 2,766,476, 10-16-56, Cl. 17-1.
- Watson, Henry E., and F. E. Ward, to Sir W. G. Armstrong Whitworth Aircraft Ltd. Machine for accurately shaping the surface of part of an aircraft wing. 2,742,824, 4-24-56, Cl. 90-13.4.
- Watson, Henry R., and F. R. Elliott, to Sir W. G. Armstrong Whitworth Aircraft Ltd. Operating the flaps of aircraft wings. 2,743,618, 5-1-56, Cl. 74-99.
- Watson, Herman H., to Paulding Products Corp. Saw blade with swaged teeth. 2,771,918, 11-27-56, Cl. 143-133.
- Watson, James P. Gyroscope. 2,732,719, 1-31-56, Cl. 74-8.1.
- Watson, James P. Electric switch. 2,747,037, 5-22-56, Cl. 200-51.17.
- Watson, James W. Product and process of forming a plant stimulant and tonic-acting composition for soil conditioning. 2,738,264, 3-13-56, Cl. 71-16.
- Watson, John E. *See*—
- Watts, Claude W., and Watson. 2,760,269.
- Watson, John B., to B. A. Ballou & Co., Inc. Eylet type safety catch. 2,751,655, 6-26-56, Cl. 24-156.
- Watson, John R., to B. A. Ballou & Co., Inc. Ear clip. 2,773,293, 12-11-56, Cl. 24-252.
- Watson, John R., and R. T. Stafford, to B. A. Ballou & Co., Inc. Method of producing pin stem findings. 2,773,305, 12-11-56, Cl. 29-558.
- Watson, John W., to The Hydro-Blast Corp. Closure seal. 2,742,177, 4-17-56, Cl. 220-46.
- Watson, Joseph A. *See*—
- Horn, Harry M., and Watson. 2,738,038.
- Watson, Kenneth M., to Sinclair Refining Co. Process and apparatus for contacting hydrocarbons and catalyst particles in a moving bed. 2,767,129, 10-16-56, Cl. 196-52.
- Watson, Michael L., to the United States of America as represented by the Secretary of the Navy. Probe depth cutter. 2,740,330, 4-3-56, Cl. 90-12.
- Watson, Nathan, to United Biscuit Co. of America. Nest set-up machine. 2,737,861, 3-13-56, Cl. 93-37.
- Watson, Norman B., to The Mercury Mfg. Co. Protective guard for lift trucks. 2,754,019, 7-10-56, Cl. 214-674.
- Watson, Orla E. Nesting and folding serving cart. 2,762,669, 9-11-56, Cl. 311-17.
- Watson, R. Elden, J. R. Boston, and C. F. Lehmeier, to Metaflo Corp. Hollow metal articles and method and apparatus for making the same. 2,756,876, 7-31-56, Cl. 207-6.
- Watson, Robert A. *See*—
- Lindberg, Allan W., and Watson. 2,739,280.
- Watson, Robert B., to Westinghouse Air Brake Co. Fluid pressure regulating device. 2,747,599, 5-29-56, Cl. 137-116.5.
- Watson, Robert G. *See*—
- Stone, Leonard R., Watson, and Carleton. 2,769,945.
- Watson, Robert H., to Sierra Electronic Corp. Frequency modulated oscillator. 2,774,943, 12-18-56, Cl. 332-28.
- Watson, Roger W. *See*—
- Fields, Ellis K., and Watson. 2,760,932.
- Fields, Ellis K., and Watson. 2,765,289.
- Edgell, Melvern C., Watson, and Fields. 2,758,089.
- Watson, Roger W., and W. Fainman, to Standard Oil Co. Preparation of phosphorus sulfide-hydrocarbon reaction products. 2,759,920, 8-21-56, Cl. 260-139.
- Watson, Ronald F. *See*—
- Ashley, Allan, and Watson. 2,732,851.
- Watson, Thomas T., to Lukens Steel Co. Pack for making rolled aluminum clad plate. 2,773,302, 12-11-56, Cl. 29-196.2.
- Watson, W., & Sons Ltd. *See*—
- Hopkins, Harold H. 2,741,155.
- Hopkins, Harold H. 2,746,350.
- Watson, William A. Extruded metal door frame and hinge assembly. 2,752,014, 6-26-56, Cl. 189-46.
- Watson, William B., to Sinclair Refining Co. Petroleum microcrystalline wax coating composition. 2,748,013, 5-29-56, Cl. 106-270.
- Watson, William B., to Sinclair Refining Co. Air-blown asphalt-resin composition and process of making same. 2,774,724, 12-18-56, Cl. 196-142.
- Watson, William G. Ball retriever. 2,760,807, 8-28-56, Cl. 294-19.
- Watson, William H. *See*—
- Bowell, Stephen T., Rush, and Watson. 2,734,883.
- Watson, William R., to Bird & Sons, Inc. Machine for setting up boxes from flat blanks. 2,737,863, 3-13-56, Cl. 93-49.
- Watt, Dudley A. Current transfer systems. 2,753,476, 7-5-56, Cl. 310-178.
- Watt, Dudley A., to United Kingdom Atomic Energy Authority. Electromagnetic interaction pump. 2,770,196, 11-13-56, Cl. 103-1.
- Watt, Paul C., Jr. *See*—
- Furnham, Kenneth E., and Watt. 2,760,861.
- Watter, Michael, to The Budd Co. Sheet-handling means. 2,743,923, 5-1-56, Cl. 271-18.
- Watter, Michael, to The Budd Co. Method of forming door panels. 2,756,312, 7-24-56, Cl. 219-10.
- Watter, Michael, to The Budd Co. Connection between roof and side wall units of railway cars. 2,760,446, 8-28-56, Cl. 105-397.
- Watter, Michael, to The Budd Co. Door, particularly for automobiles, with reinforcing ribs. 2,760,814, 8-28-56, Cl. 296-44.
- Watton, Leonard H. N., R. Brown, and F. W. Hall, to Hall Telephone Ltd., and Block & Anderson, Ltd. Sheet feeding arrangements. 2,751,224, 6-19-56, Cl. 271-43.
- Watts, Albert T. *See*—
- Billings, William A., Wright, and Watts. 2,749,470.
- Watts, Alden E. *See*—
- Fleming, Robert B. 2,755,548.
- Watts, Blaine C., Jr., and A. C. Williams, to Kresky Mfg. Co. Inc. Pot-type burner and ignition system therefor. 2,755,849, 7-24-56, Cl. 158-91.
- Watts Electric & Mfg. Co. *See*—
- Crawford, Cullen B. 2,761,704.
- Dolanore, Earl W. 2,734,178.
- Dugan, James E. 2,729,476.
- Watts, George R., Jr. Clothes drier mounting. 2,764,297, 9-25-56, Cl. 211-96.
- Watts, Gilbert E., to J. H. Fenner & Co. (Holdings) Ltd. Multiple-ply textile fabrics. 2,742,059, 4-17-56, Cl. 139-409.
- Watts, John D., and E. K. Pierce, Jr., to Gray Tool Co. Well head pipe suspension. 2,751,235, 6-19-56, Cl. 285-22.
- Watts, John D., and E. K. Pierce, Jr., to Gray Tool Co. Oil well hanger assembly. 2,754,134, 7-10-56, Cl. 285-3.
- Watts, John D., and E. F. Hill, to Gray Tool Co. Conduit connections and sealing means therefor. 2,766,829, 10-16-56, Cl. 166-75.
- Watts, John D., and E. F. Hill, to Gray Tool Co. Conduit connections with conically formed interengaging seats on seal and connection members. 2,766,998, 10-16-56, Cl. 285-341.
- Watts, John D., and E. F. Hill, to Gray Tool Co. Conduit connection with conically formed interengaging seats on seal and connection members. 2,766,999, 10-16-56, Cl. 285-341.
- Watts, Martha F. *See*—
- Yeomans, Lucien I. 2,760,755.
- Watts, Raleigh O. Theft alarm for automobiles. 2,763,745, 9-18-56, Cl. 200-61.62.
- Watts, Raymond, to American Steel Foundries. Anti wheel slip device. 2,769,509, 11-8-56, Cl. 188-1.
- Watts, Richard G., to Socony Mobil Oil Co., Inc. System for gathering and loading oil from underwater oil wells. 2,731,168, 1-17-56, Cl. 220-85.

- Watts, William J., and F. B. Cadman: said Cadman assor. to said Watts. Log feeding apparatus for a debarking machine. 2,765,903, 10-9-56, Cl. 203-75.
- Watts, William S., to Aircraft-Marine Products, Inc. Plug connector. 2,757,350, 7-31-56, Cl. 339-91.
- Watts, William S., to Aircraft-Marine Products, Inc. Plug connector. 2,758,290, 8-7-56, Cl. 339-91.
- Watzl, Anton: *See*—  
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Helsenberg, Erwin, and Watzl. 2,742,451.
- Watzlavick, Joseph L.: Tool for testing oil wells. 2,751,016, 6-19-56, Cl. 166-187.
- Waugh, Charles C. Torquemeter. 2,737,049, 3-8-56, Cl. 73-136.
- Waugh, Charles C. Torquemeter. 2,754,683, 7-17-56, Cl. 73-136.
- Waugh, Charles C., to the United States of America as represented by the United States Atomic Energy Commission. Ground indicator for calutrons. 2,755,387, 7-17-56, Cl. 250-41.9.
- Waugh, Dale L., to The Dayton Rubber Co. Cone type belt. 2,737,463, 3-6-56, Cl. 154-52.1.
- Waugh, Dale L., to The Dayton Rubber Co. Cord belts. 2,739,090, 3-20-56, Cl. 154-52.2.
- Waugh, Dale L., to The Dayton Rubber Co. Method for manufacturing endless V-type belts. 2,773,540, 12-11-56, Cl. 154-4.
- Waugh, David F., to National Dairy Research Laboratories, Inc. Process for producing a water-soluble casein. 2,744,891, 5-8-56, Cl. 260-120.
- Waugh Equipment Co.: *See*—  
Dilg, Walter C. 2,754,013.  
Durbon, William K. 2,744,638.  
Fillion, Stanley H. 2,752,048.  
Fillion, Stanley H. 2,767,858.  
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Roy, Nereus H. 2,729,327.
- Waugh, George P.: *See*—  
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- Waugh, Richard C.: *See*—  
Waugh, Thomas D. and R. C. 2,775,055.
- Waugh, Stanley P., to Tidewater Oil Co. Soluble oil compositions. 2,775,035, 12-4-56, Cl. 252-33.3.
- Waugh, Stanley P., to Tidewater Oil Co. Extreme pressure facturing endless V-type belts. 2,773,540, 12-11-56, Cl. 252-33.4.
- Waugh, Thomas: *See*—  
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- Waugh, Thomas D. and R. C. Fishing lures and method for producing the same. 2,775,055, 12-25-56, Cl. 43-42.5.
- Waukesha Foundry Co.: *See*—  
Thomas, Ralph W., and Williams. 2,743,176.
- Waukesha Motor Co.: *See*—  
Pope, Arthur W., Jr. 2,739,802.
- Wavell, Clifford E. Illuminated roof for outdoor phone booths. 2,749,429, 6-5-56, Cl. 240-2.
- Wawzonek, Joseph: *See*—  
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- Wawzonek, Joseph, to Hemphill Co. Picking mechanism. 2,751,769, 6-26-56, Cl. 66-48.
- Waxman, Aaron: *See*—  
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- Way, Harold B.: *See*—  
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- Way, Lee V., Jr. Torch guide for cutting ellipses. 2,740,621, 4-3-56, Cl. 266-23.
- Way, Raymond C., and M. L. Downs, to The Commonweath Engineering Co. of Ohio. Constant pressure scriber. 2,744,329, 5-8-56, Cl. 33-18.
- Way, Roy C. Hydraulic lift for the saw boom of tractor operated saws. 2,770,266, 11-13-56, Cl. 143-43.
- Wayman, Albert J. Hanger clamps. 2,749,068, 6-5-56, Cl. 248-72.
- Wayman, Charles R. Three wheel vehicle with one driving wheel and two steering wheels. 2,740,486, 4-3-56, Cl. 180-25.
- Wayman, Morris: *See*—  
Chales, Frank R., and Wayman. 2,775,528.
- Wayman, Robert W., to Borg-Warner Corp. Transmission. 2,770,148, 11-13-56, Cl. 74-472.
- Wayman, Robert W., to Borg-Warner Corp. Brake mechanism. 2,770,326, 11-13-56, Cl. 188-69.
- Waymire, Walter R., and A. P. Walker. Gate latch. 2,758,863, 8-14-56, Cl. 292-216.
- Wayne, Douglas N. Surface cleaning apparatus including discardable revolvable head. 2,740,151, 4-3-56, Cl. 15-25.4.
- Wayne, Edward T., to E. H. Titchener & Co. Holders for television tubes, and other objects. 2,743,435, 4-24-56, Cl. 340-387.
- Wayne Home Equipment Co., Inc.: *See*—  
Berghoff, Norbert G. 2,761,735.
- Wayne, Joseph C., to Birtman Electric Co. Agitator device for a mixer. 2,757,909, 8-7-56, Cl. 259-107.
- Wayne Mfg. Co.: *See*—  
Ballard, Louis M. 2,743,829.  
Ballard, Louis M. 2,755,980.
- Wayne, Peter J.: *See*—  
Bruner, Robert M., and Wayne. 2,748,099.
- Wayne Pump Co., The: *See*—  
Ainsworth, Freedom H. 2,741,131.  
Ainsworth, Freedom H. 2,756,726.  
Bateman, Coates F. 2,762,306.  
Chevallier, George E. 2,745,682.
- Wayne, Winston J.: *See*—  
Latham, George H., Todd, and Wayne. 2,752,249.
- Wayne, Winston J., to E. I. du Pont de Nemours & Co. Polytetrafluoroethylene films and coated fabrics with pressure sensitive adhesive on one side thereof and method of making. 2,765,241, 10-2-56, Cl. 117-76.
- Wayo, Stephen J.: *See*—  
Cross, Carl F., and Wayo. 2,740,758.
- Weakley, Francis B.: *See*—  
Lohnmeyer, Roy L., Jr., Weakley, and Lauterbach. 2,738,305.  
Mehlretter, Charles L., and Weakley. 2,740,787.
- Wean Equipment Corp.: *See*—  
Ranney, Neil J. 2,756,941.  
Ranney, Neil J. 2,771,984.  
Ranney, Neil J. 2,773,819.
- Wear, John H., to Russell-Lacey Mfg. Co., Inc. Method and means for forming a reversible pile fabric. 2,741,196, 4-10-56, Cl. 112-79.
- Weatherhead, Harry H. Bobbin winder. 2,735,628, 2-21-56, Cl. 242-22.
- Weatherhead, Albert J., Jr.: *See*—  
Baldwin, John D., Jr., St. Clair, and Weatherhead. 2,751,228.
- Weatherhead Co., The: *See*—  
Baldwin, John D., Jr. 2,744,535.  
Baldwin, John D., Jr., and Johnson. 2,737,202.  
Baldwin, John D., Jr., St. Clair, and Johnson. 2,751,181.  
Baldwin, John D., Jr., St. Clair, and Weatherhead. 2,752,228.  
Curtot, Louis B. 2,749,152.  
McMahon, James, and Baldwin. 2,749,788.  
St. Clair, Theodore A. 2,742,764.  
St. Clair, Theodore A. 2,742,785.  
St. Clair, Theodore A. 2,752,948.  
St. Clair, Theodore A. 2,762,602.  
St. Clair, Theodore A., and Fleming. 2,737,201.  
Valance, Louis J. 2,729,236.  
White, Robert A. 2,737,067.
- Weathersly, Earl R., to Sun Oil Co. Tamping tool. 2,747,500, 5-29-56, Cl. 100-217.
- Weathersly, Earl R., to Sun Oil Co. Regeneration of adsorbent beds with hot aromatic hydrocarbon oil. 2,754,344, 7-10-56, Cl. 260-674.
- Weathersly, William G. Protective covering for loaded vehicles. 2,740,660, 4-3-56, Cl. 296-100.
- Weathersly, William G. Tail gate for trucks. 2,745,696, 5-15-56, Cl. 296-51.
- Weathersly, William G. Variable capacity photograph-record pickup unit. 2,754,372, 7-10-56, Cl. 179-100.41.
- Weathersby, Ella C. Nut gatherer. 2,736,157, 2-28-56, Cl. 56-328.
- Weathersby, Warren P.: *See*—  
Randall, Clifton O., Weathersby, and Zepernick. 2,754,489.
- Weather-Seal Inc.: *See*—  
Etling, Harold A. 2,745,149.  
Etling, Harold A. 2,745,485.
- Weatherwax, Robert C.: *See*—  
Yerkes, Waldo S., Chamberlain, Bell, and Weatherwax. 2,742,184.
- Weaver, Albert J. Ventilating device, including ventilating louvers. 2,771,835, 11-27-56, Cl. 98-95.
- Weaver, Allan: *See*—  
Fritschl, Walter W., and Weaver. 2,765,371.
- Weaver, Burton B. Door detent. 2,764,442, 9-25-56, Cl. 292-194.
- Weaver, Clay: *See*—  
Michel, Walter E., and Weaver. 2,753,264.
- Weaver, Clay, to E. I. du Pont de Nemours and Co. Process of preparing a light sensitive silver halide emulsion. 2,752,246, 6-26-56, Cl. 95-7.
- Weaver, Ernest W., to the United States of America as represented by the Secretary of Agriculture. Processes for increasing the yield of enzymes. 2,744,050, 5-1-56, Cl. 195-66.
- Weaver, Elvinton W., to Towmotor Corp. Spring suspension for an industrial lift truck. 2,744,764, 5-8-56, Cl. 280-112.
- Weaver, Ernest W., to Surface Combustion Corp. Cycle annealing furnace. 2,746,740, 6-22-56, Cl. 266-2.
- Weaver, George C., and K. W. McCormick, to Fairchild Engine and Airplane Corp. Aircraft cargo loading doors. 2,759,691, 8-21-56, Cl. 244-118.
- Weaver, Harold F., and C. M. van Atta, to the United States of America as represented by the United States Atomic Energy Commission. Calutron receiver. 2,736,511, 2-28-56, Cl. 250-41.9.
- Weaver, Harry E.: *See*—  
Dickey, Paul S., Weaver, Gorrie, and Shannon. 2,729,222.  
Weaver, Henry S. Jack. 2,739,788, 3-27-56, Cl. 254-102.
- Weaver, Herbert W.: *See*—  
Arnold, Charles A. 2,729,116.
- Weaver, J. A., Co.: *See*—  
Gill, William L. 2,739,999.
- Weaver, James G.: *See*—  
Leathers, Ward, Mazur, and Weaver. 2,775,139.
- Weaver, John B.: *See*—  
Petry, Robert K., and Weaver. 2,757,711.



- Weaver, John H.: *See*—  
Pressler, Charles K., and Weaver. 2,774,077.
- Weaver, John L., to Coast Pro-Seal & Mfg. Co. Sealant mixer and dispenser. 2,768,815, 10-30-56, Cl. 259-8.
- Weaver, Miles A.: *See*—  
Greminger, George K., Jr., and Weaver. 2,771,377.
- Weaver, Preston R. Development of technique for high temperature stress-strain measurements. 2,734,276, 2-14-56, Cl. 33-148.
- Weaver, Wallace O. Liner remover. 2,741,022, 4-10-56, Cl. 29-244.
- Weaving, John H., E. R. Payne, and D. J. K. Stuart, to The Austin Motor Co. Ltd. Hydraulically operated clutch and gear change mechanisms for automobiles. 2,753,024, 7-3-56, Cl. 192-3.
- Webb, Albert D., and H. P. Kyle, to the United States of America as represented by the United States Atomic Energy Commission. Process for producing uranium pentachloride. 2,743,158, 4-24-56, Cl. 23-14.5.
- Webb, Alfred M.: *See*—  
Maurer, Fred D., De Tray, Kuttler, and Webb. 2,756,176.
- Webb, Arthur G. Duplicating lathe attachment. 2,731,047, 1-17-56, Cl. 142-55.
- Webb, Bryan, Jr., and G. D. Throop, to Westinghouse Electric Corp. Electrical time delay apparatus. 2,752,556, 6-26-56, Cl. 323-43.5.
- Webb, Cecil, to M. S. Bowne, trustee. Pipe extrusion apparatus. 2,754,562, 7-17-56, Cl. 25-39.
- Webb, Chester H., and T. B. Holliday. Elastic cord shock absorber. 2,771,291, 11-20-56, Cl. 267-63.
- Webb, Christopher F., to Bell Punch Co. Ltd. Key-response calculating machine. 2,756,932, 3-31-56, Cl. 235-62.
- Webb, Christopher F., to Bell Punch Co. Ltd. Grand total accumulating mechanism. 2,773,647, 12-11-56, Cl. 235-82.
- Webb Engineering Co.: *See*—  
Hodgeman, Raymond C. 2,762,542.
- Webb, Francis H. Water softening apparatus. 2,744,867, 6-5-56, Cl. 210-24.
- Webb, George A., to Koppers Co., Inc. Process and apparatus for producing hydroxy aromatics. 2,736,754, 2-28-56, Cl. 260-628.
- Webb, Glenn M.: *See*—  
Heard, Llewellyn, and Webb. 2,764,558.
- Webb, Herbert K. Overhead loader. 2,764,302, 9-25-56, Cl. 214-131.
- Webb, Horace L. Ambient sound excluding dictation mask. 2,745,911, 5-15-56, Cl. 179-188.
- Webb, Horace L. Dictation mask structure. 2,769,039, 10-30-56, Cl. 179-157.
- Webb, Jervis E. Co.: *See*—  
Boehm, Walter G. 2,735,538.  
Folsom, Harold A. 2,737,902.
- McCaull, Edward W. 2,762,496.
- Webb, John K., to Standard Oil Co. Service station display device. 2,752,710, 7-3-56, Cl. 40-125.
- Webb, John S., to American Cyanamid Co. Method of preparing vitamin B<sub>6</sub>. 2,732,379, 1-24-56, Cl. 260-297.5.
- Webb, Karl W. Device for use in tensioning thread. 2,746,488, 5-22-56, Cl. 139-214.
- Webb, Leonard H., to Webcor Steel Framing Systems, Inc. Fabricated joint for concrete roadway. 2,745,324, 5-15-56, Cl. 94-17.
- Webb, Richard C., to Radio Corp. of America. Recording of color images. 2,769,028, 10-30-56, Cl. 178-5.4.
- Webb, Richard L., and E. L. Carpenter, to American Cyanamid Co. Method of preparing acrylamide. 2,753,375, 7-3-56, Cl. 260-561.
- Webb, Samuel, to United States Steel Corp. Sealed threaded pipe joint. 2,772,102, 11-27-56, Cl. 285-334.
- Webb, Samuel G., Jr. Roller seed bed former and planter. 2,729,157, 1-3-56, Cl. 57-56.
- Webb, Thomas B., to The Babcock & Wilcox Co. Method of and transition member for weld uniting dissimilar metals. 2,763,923, 9-25-56, Cl. 29-472.1.
- Webb, Thomas E. Scaffold. 2,739,847, 3-27-56, Cl. 304-2.
- Webb, Wells A.: *See*—  
Robinson, Joseph F., and Webb. 2,767,556.
- Webb, Wesley, to American Viscose Corp. Process for making a spinneret. 2,737,831, 3-13-56, Cl. 76-107.
- Webb, Wilbur B. Discharge device. 2,761,128, 8-28-56, Cl. 340-385.
- Webber, Charles R., and V. R. Erickson, to J. B. Cox, d. b. a. Powder Power Tool Co. Explosively driven stud having sealing and retaining means. 2,760,401, 8-28-56, Cl. 85-10.
- Webber, Charles S., to Norton Co. Phenolic resin products and their production. 2,736,718, 2-28-56, Cl. 260-29.3.
- Webber, Claude H. Tapping and cutoff connection to plastic fluid pressure main. 2,736,335, 2-28-56, Cl. 137-313.
- Webber, Ernest J. Artificial lures. 2,764,836, 10-2-56, Cl. 43-42.31.
- Webber, George M., 1/2 to A. Parkhurst. Extinguisher for cigarettes. 2,775,242, 12-25-56, Cl. 131-256.
- Webber, Jack C.: *See*—  
Stansbury, Harry N., Jr., and Webber. 2,755,863.
- Webber, Louis Q., to Martin-Decker Corp. Hydraulic tension sensing and indicating means. 2,743,606, 5-1-56, Cl. 73-144.
- Webber, Ludwig A., to Phillips Petroleum Co. Butene-1 separation in the presence of an antifoam agent. 2,748,180, 5-29-56, Cl. 260-683.3.
- Webber, Owen T., to V. K., A. C., C. J., and A. M. Scavullo, M. M. Scott, and M. I. Saegert, constituting a partnership d. b. a. Legion Utensils Co. Multipurpose cooker. 2,755,725, 7-24-56, Cl. 126-366.
- Webber, Owen T., to Legion Utensils Co. Servo-cooker. 2,756,425, 7-24-56, Cl. 126-378.
- Webber, Robert C. Explosion-proof low-high temperature system. 2,739,453, 3-27-56, Cl. 62-4.
- Webber, Robert C. Oil separator for refrigeration system. 2,749,723, 6-12-56, Cl. 62-117.75.
- Webber, Stanley E., to General Electric Co. Traveling wave tube. 2,735,033, 2-14-56, Cl. 315-3.5.
- Webber, Thomas G., and R. C. Locke, to E. I. du Pont de Nemours & Co. Stabilized ink compositions, transfer sheets coated with the same, and methods of making same. 2,755,201, 7-17-56, Cl. 117-34.
- Webber, William C., to Shell Development Co. Lubricating compositions. 2,758,091, 8-7-56, Cl. 252-49.9.
- Webbere, Fred J., to General Motors Corp. Casting readily oxidizable alloys. 2,770,860, 11-20-56, Cl. 22-214.
- Webber, Fred J., to General Motors Corp. Method of shell molding. 2,772,457, 12-4-56, Cl. 22-193.
- Webcore Steel Framing Systems, Inc.: *See*—  
Webb, Leonard H. 2,745,324.
- Weber A.-G.: *See*—  
Enderli, Ernst. 2,766,352.
- Weber, Adolf, to A. G. Portable holding device. 2,766,960, 10-16-56, Cl. 248-354.
- Weber, Carl: *See*—  
Hastings, John A., and Weber. 2,750,118.
- Weber, Carl D., to O. D. Doerner, W. G. Mantonya, and E. H. Doerner, to Chemicals-Chicago Corp. Sheet tripped endoring machine. 2,743,671, 5-1-56, Cl. 101-235.
- Weber, David W., to Collins Radio Co. Phasing and magnitude adjusting circuit. 2,742,810, 4-17-56, Cl. 333-17.
- Weber, Donald P., to The H. C. Godman Co. Machine for cutting a rand on soles. 2,730,734, 1-17-56, Cl. 12-17.
- Weber, Edmund H. Bracket for supporting outlet box. 2,753,141, 7-3-56, Cl. 248-27.
- Weber, Edmund H. Outlet box anchor. 2,762,591, 9-11-56, Cl. 248-27.
- Weber, Ernst, and J. Ebert, to Polytechnic Institute of Brooklyn. Matched wave guide attenuators. 2,731,603, 1-17-56, Cl. 333-21.
- Weber, Franklin H. Fishing tackle handle with built-in measuring tape. 2,765,535, 10-9-56, Cl. 33-137.
- Weber, Fred U. Bath tub mat. 2,732,565, 1-31-56, Cl. 4-185.
- Weber, Fredrick J.: *See*—  
Jobe, George T., Weber, and Vinal. 2,774,806.
- Weber, George: *See*—  
Guanella, Gustav, Güttinger, Lattman, and Weber. 2,730,715.
- Weber, Harold, to Celanese Corporation of America. Prespinning arrangement for spinning. 2,761,646, 10-16-56, Cl. 73-593.
- Weber, Harold, to Celanese Corp. of America. Band spinning. 2,755,506, 7-24-56, Cl. 18-8.
- Weber, Harry, Jr. Fishing signal. 2,741,055, 4-10-56, Cl. 43-17.
- Weber, Harry M., to The Sherwin-Williams Co. Production of allergen-free reacting protein coatings from allergen-containing pomaces. 2,736,663, 2-28-56, Cl. 106-154.
- Weber, Harry M., to The Sherwin-Williams Co. Refining of glyceride oils. 2,739,164, 3-20-56, Cl. 260-424.
- Weber, Hendrik G. O. Method of constructing furnace arches. 2,753,711, 7-10-56, Cl. 72-55.
- Weber, Ira, to Interchemical Corp. Wood stain method of increased lightfastness. 2,772,137, 11-27-56, Cl. 8-6.5.
- Weber, Joachim, to International Standard Electric Corp. Vaporizer for the evaporation of metals, especially in high vacuum. 2,757,788, 8-7-56, Cl. 206-0.4.
- Weber, John G., to Pennsylvania Flexible Metallic Tubing Co. Barrel rollers. 2,729,382, 1-3-56, Cl. 226-127.
- Weber, John H., to The Morris Machine Tool Co. Quill advancing and retracting device. 2,740,258, 4-3-56, Cl. 60-54.5.
- Weber, John H. Retrieving tool fitting in and engaging wash pipe. 2,771,957, 11-27-56, Cl. 166-218.
- Weber, John J., Jr., to Bell & Howell Co. Sound reproducing and recording apparatus. 2,768,242, 10-23-56, Cl. 179-100.1.
- Weber, Josef, J. Grab, and H. Pribitzer, to Contraves A.-G. Sine wave arrangement for oscillation about an axis. 2,757,050, 7-31-56, Cl. 308-2.
- Weber, Joseph A.: *See*—  
Thomas, James R. 2,765,737.
- Weber, Joseph R. Self-loading vehicle. 2,735,560, 2-21-56, Cl. 214-302.
- Weber, Joseph R. Automatic dumping trucks. 2,763,387, 9-18-56, Cl. 214-302.
- Weber, Karl A., to Weber Showcase & Fixture Co., Inc. Refrigerated showcase. 2,762,205, 9-11-56, Cl. 62-89.5.
- Weber-Knapp Co.: *See*—  
Lundell, Kermit A. 2,732,234.
- Weber, Lloyd H., to American Can Co. Can body conveyor with adjustable rails. 2,731,135, 1-17-56, Cl. 198-179.
- Weber, Lloyd H., to American Can Co. Can body respacing mechanism. 2,771,982, 11-27-56, Cl. 198-34.
- Weber, Louis J., to Phillips Petroleum Co. Pebble heater reactor employed in the conversion of hydrocarbons, with the use of inert solids. 2,736,686, 2-28-56, Cl. 196-55.

- Weber, Louis J., to Phillips Petroleum Co. Pressure tight screen in pebble heater unit. 2,755,174, 7-17-56, Cl. 23-288.
- Weber, Louis J., to Phillips Petroleum Co. Apparatus for the separation and recovery of materials by adsorption. 2,764,253, 9-25-56, Cl. 183-4.5.
- Weber, Ludwig. See Pistorius, Otto, and Weber. 2,754,105.
- Weber, Mathias J., to Continental Scale Corp. Scale. 2,766,038, 10-9-56, Cl. 265-68.
- Weber, Nelson H., and P. F. Aitchison, to Kingston Products Corp. Directional signal switch. 2,761,926, 9-4-56, Cl. 200-61.34.
- Weber, Oscar, to Ciba Ltd. Disazo-dyestuffs. 2,769,806, 11-6-56, Cl. 260-182.
- Weber, Roman F., to International Harvester Co. Expandable pallet. 2,754,077, 6-10-56, Cl. 248-120.
- Weber Showcase & Fixture Co., Inc.: See—
- Gaston, Donald H. 2,748,574.
- Weber, Karl A. 2,762,205.
- Weber, Victor, and W. J. Russell, to Robertshaw-Fulton Controls Co. Thermostatic control switch and safety means therefor. 2,757,260, 7-31-56, Cl. 200-140.
- Weber, Victor, and W. J. Russell, to Robertshaw-Fulton Controls Co. Adjustable differential fan control. 2,759,071, 8-14-56, Cl. 200-140.
- Weber, Victor, and H. J. Tyler, to Robertshaw-Fulton Controls Co. Control device for electrically heated appliances. 2,774,849, 12-18-56, Cl. 200-140.
- Weber, Wallace E. Coupling device for twin outboard motors. 2,744,418, 5-8-56, Cl. 74-480.
- Webers, Vincent J.: See—
- Castle, John E., and Webers. 2,768,973.
- Webley, Reginald S., to Electric & Musical Industries Ltd. Electron discharge tube arrangements. 2,757,233, 7-31-56, Cl. 178-6.8.
- Webster, Cecil A., and W. O. Roof bracket for television antennas. 2,767,240, 10-16-56, Cl. 174-78.
- Webster-Chicago Corp.: See—
- Dale, Colin B., Bridenbaugh, and Bierman. 2,741,439.
- Webster, Clifford, to Ben Corson Mfg. Co. Storm window structure. 2,740,173, 4-3-56, Cl. 20-35.
- Webster Corp.: See—
- Webster, Henry N. 2,734,713.
- Webster, Henry N. 2,765,806.
- Webster, Dan, to Gregory Industries, Inc. Concealed weld stud. 2,775,685, 12-25-56, Cl. 219-99.
- Webster, Daniel L.: See—
- May, Elliot D., and Webster. 2,732,867.
- Webster Electric Co.: See—
- Campbell, Richard H. 2,752,426.
- Jensen, Clarence F. 2,756,058.
- Jensen, Clarence F. 2,771,513.
- Munroe, David J. 2,742,284.
- Munroe, David J. 2,766,840.
- Munroe, David J. 2,771,512.
- Webster, George H.: See—
- Dixon, Henry J., and Webster. 2,749,866.
- Maysmorn, Charles W. K., Paze, Ward, and Webster. 2,754,784.
- Webster, George H., to British Insulated Callender's Cables Ltd. Electric cables of the coaxial conductor type suitable for use for currents at high frequencies. 2,733,288, 1-31-56, Cl. 174-28.
- Webster, Henry N., to The Webster Corp. Valves. 2,734,713, 2-14-56, Cl. 251-145.
- Webster, Henry N., to The Webster Corp. Watering systems. 2,765,806, 10-9-56, Cl. 137-322.
- Webster, Herschel L. Transplanter. 2,765,756, 10-9-56, Cl. 111-3.
- Webster, Hugh G., to Kolene Corp. Composition and a process for electrolytic cleaning of metals. 2,760,927, 8-28-56, Cl. 204-145.
- Webster, Hugh G., and R. W. Thomas, to J. H. Shoemaker. Electrolytic fused salt cleaning bath. 2,732,339, 1-24-56, Cl. 204-243.
- Webster, Richard C. Illuminated and edge-lighted articles and methods of making same. 2,772,997, 12-4-56, Cl. 111-38.
- Webster, Richard R., to Jones & Laughlin Steel Corp. Method and apparatus for continuously measuring tin thickness of tinned strip. 2,763,784, 9-18-56, Cl. 250-51.
- Webster, Thomas J.: See—
- Schuffan, Paul M., and Webster. 2,747,681.
- Webster, Thomas J., to The British Oxygen Co. Ltd. Process for the separation of air. 2,765,636, 10-9-56, Cl. 62-175.5.
- Webster, W. F. Cement Co.: See—
- Stevens, Frank L. 2,769,207.
- Stevens, Frank L. 2,769,576.
- Webster, Warren, & Co.: See—
- Morgan, David E. 2,751,150.
- Webster, William: See—
- Millidge, Alfred F., and Webster. 2,741,623.
- Webster, William M. Spiral paper folding device. 2,729,445, 1-3-56, Cl. 270-39.
- Webster, William M., Jr.: See—
- Johnson, Edward O., and Webster. 2,741,734.
- Webster, William M., Jr., to Radio Corp. of America. Electronic inverter system. 2,730,669, 1-10-56, Cl. 321-35.
- Webster, William M., Jr., to the United States of America as represented by the Secretary of the Army. Inverter circuit. 2,735,977, 2-21-56, Cl. 321-36.
- Webster, William O.: See—
- Webster, Cecil A., and W. O. 2,767,240.
- Weck, Herman I., and H. S. Seelig, to Standard Oil Co. Synthesis process for aromatics. 2,768,961, 10-30-56, Cl. 260-182.
- Weckerly, Mark A., to Toledo Scale Co. Weighing scales. 2,751,215, 6-19-56, Cl. 265-68.
- Weckesser, Ethan. Continuous rotary note pads. 2,761,700, 9-4-56, Cl. 281-8.
- Weckman, Nils A. Cases for injection-syringes and the like. 2,755,920, 7-24-56, Cl. 206-43.
- Weddington, Charles E. Antiskid chains. 2,751,958, 6-26-56, Cl. 152-233.
- Wedderburn, Karlfried, and D. Delfs, to Farbenfabriken Bayer Aktiengesellschaft. Insecticidal compositions of esters of thionophosphoric acid stabilized by organic sulfates or sulfonates. 2,770,567, 11-13-56, Cl. 167-22.
- Wedge, James W. Toast warming attachments for electric toasters. 2,749,836, 6-12-56, Cl. 99-339.
- Wedge Protectors, Inc.: See—
- Phillips, Stanley L. 2,730,136.
- Phillips, Stanley L. 2,731,933.
- Wedge, Ralph P. Plant package and method of making the same. 2,768,553, 10-16-56, Cl. 47-87.
- Wedgeloek Co.: See—
- Kruzer, Melvin E. 2,755,541.
- Wedger, Walter H., to B. B. Chemical Co. Methods of making shoes. 2,769,188, 11-6-56, Cl. 12-142.
- Wedge, Francis A.: See—
- Wissel, Francis A., Parker, and Wedge. 2,739,182.
- Wedmore, Hardin S.: See—
- Evans, Joseph C., and Wedmore. 2,744,739.
- Wedner, Benjamin N.: See—
- Ward, John V., and Wedner. 2,745,725.
- Weedman, John A., to Phillips Petroleum Co. Separation process and apparatus. 2,731,456, 1-17-56, Cl. 260-96.5.
- Weedman, John A., to Phillips Petroleum Co. Fractionation process. 2,731,453, 2-21-56, Cl. 260-96.5.
- Weedman, John A., to Phillips Petroleum Co. Crystal purification process. 2,747,001, 5-22-56, Cl. 260-674.
- Weedman, John A., to Phillips Petroleum Co. Solvent extraction process. 2,766,300, 10-9-56, Cl. 260-666.
- Weedman, John A., to Phillips Petroleum Co. Selective solvent extraction of naphthene hydrocarbons employing 2-pyrrolidone. 2,771,494, 11-20-56, Cl. 260-666.
- Weekes, Robert L., to Destrol Mfg. Co. Ltd. Sanitary closet. 2,740,971, 4-10-56, Cl. 4-115.
- Weeks, Charles. Support for neon tubing. 2,767,946, 10-23-56, Cl. 248-50.
- Weeks, Clarence L.: See—
- Carlisle, James V., Copes, Weeks, and Zachariah. 2,756,472.
- Weeks, J.: See—
- Swenson, Paul F., and Cooperider. 2,772,834.
- Weeks, Richard W.: See—
- Stanley, Clyde P., and Weeks. 2,762,761.
- Weeks, Sherman M., Film dryer. 2,739,338, 3-27-56, Cl. 15-245.
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- Weeks, Wilton P. Hinge for football shoulder pads. 2,741,767, 1-17-56, Cl. 2-2.
- Weese, Harry: See—
- Burst, Francis J., and Weese. 2,730,421.
- Weese, Harry. Method for producing a surface of desired contour on a moldable substance. 2,770,864, 11-20-56, Cl. 174-28.
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- Kühle, Engelbert, and Wegler. 2,774,757.
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- Wegmann, Adolph J.: See—
- Wegman, Richard E., Jr., and Wegmann. 2,775,483.
- Wegmann, Emil: See—
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- Wegmann, Jacques: See—
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- Wehling, Julius J. Oiling apparatus. 2,747,564, 5-29-56, Cl. 123-196.
- Wehner, Albert, to Brueckenbau Flender G. m. b. H. Screen bottoms. 2,740,525, 4-3-56, Cl. 209-399.
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- Bardenheuer, Peter, Wehner, and Klare. 2,749,611.
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- Leitz, Ludwig, and Wehrenfennig. 2,731,894.
- Wehrle, Robert B.: See—
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- Wehrlin, Richard F., and J. Leebli, to ACF Industries, Inc. Lamp assembly. 2,737,579, 3-6-56, Cl. 250-16.
- Wehrmeister, Herbert L., to Commercial Solvents Corp. Bacitracin feed supplements from crude fermentation liquors. 2,739,063, 3-20-56, Cl. 99-2.
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- Weichold, Jack W., to C. Tietig. Nail-size extender for gas-actuated nail drivers. 2,765,464, 10-9-56, Cl. 1-44.5.
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- Weide, Rudolph C., to General Motors Corp. Arc protective device. 2,737,558, 3-6-56, Cl. 200-166.
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- Weidlinger, Paul: *See*—  
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- Weidman, James E.: *See*—  
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- Weidman, Verne W., to E. I. du Pont de Nemours and Co. Refractory cement. 2,773,776, 12-11-56, Cl. 106-57.
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- Weigel, Alois. Hydraulic stone picker. 2,763,975, 9-25-56, Cl. 55-17.
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- Weiler, Thomas E., to General Motors Corp. Synchro testing. 2,772,412, 1-27-56, Cl. 340-315.
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- Welker, John, to Esso Research and Engineering Co. Catalytic naphtha reforming with a platinum-alumina catalyst. 2,765,262, 10-2-56, Cl. 196-50.
- Well, Frederick M.: *See*—  
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- Well, Ira, to Diamond Alkali Co. Production of phenoxy acid esters through the potassium phenolate. 2,769,833, 11-6-56, Cl. 260-473.
- Well, Nicholas A., to The M. W. Kellogg Co. Insulated skirt supported vessels. 2,769,565, 11-6-56, Cl. 220-9.
- Well, Thomas A., to Raytheon Mfg. Co. Blocking oscillators. 2,762,920, 9-11-56, Cl. 250-36.
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- Weimer, Gerald. Forced air filter with resiliently compressible bellows body. 2,764,319, 9-25-56, Cl. 222-215.
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- Weimer, Paul E., and A. L. Hanna, to Ethyl Corp. Production of high purity 1,2,4,5-tetrachlorobenzene. 2,729,685, 1-3-56, Cl. 260-650.
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- Weinberg, Herman, to The Manhattan Pickle Co., Inc. Apparatus for wax-coating of processed pickles and the like. 2,760,462, 8-28-56, Cl. 118-20.
- Weinberg, Morris: *See*—
- Edelman, Aaron P., and Weinberg. 2,740,097.
- Weinberger, Joseph M. Stroboscopic apparatus for calibrating time indicating devices. 2,730,890, 3-17-56, Cl. 73-6.
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- Weinberger, Morris. Reversible ratchet wrenches. 2,763,174, 9-15-56, Cl. 81-60.
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- Weiner, Meyer C., to Pennant Corp. Hinge construction. 2,742,664, 4-24-56, Cl. 16-128.
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- Weingardt, George C.: *See*—
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- Weinhold, Clarence M. Stone digger. 2,751,696, 6-26-56, Cl. 37-2.
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- Weinland, Clarence E.: *See*—
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- O'Neill, John G. 2,729,377.
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- Weinrib, Abraham, and S. Kaplowitz. Expandable tie holder. 2,729,866, 1-10-56, Cl. 24-49.
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- Mittag, Frederick C., Jr., and Weinrich. 2,760,729.
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- Weinstein, Marvin S. Apparatus for spot welding of thin metal. 2,759,474, 10-5-56, Cl. 219-5.
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- Weiss, George, to B. Altman & Co. Machine for dust cleaning garments. 2,729,844, 1-10-56, Cl. 15-308.



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- Weiss, Ted J., and Lawrence. 2,738,527.
- Weiss, Manny L. Glass-washing tray. 2,741,392, 4-10-56, Cl. 220-19.
- Weiss, Martin J., to American Cyanamid Co. Method of preparing methionine. 2,732,400, 1-24-56, Cl. 260-534.
- Weiss, Mortimer B., to Sylvania Electric Products Inc. Electron discharge device. 2,731,579, 1-17-56, Cl. 313-249.
- Weiss, Richard, to Franke & Heidecke, Fabrik Photographischer Präzisions-Apparate. Film advancing mechanism for stereo roll film cameras. 2,741,169, 4-10-56, Cl. 95-18.
- Weiss, Richard, to Franke & Heidecke, Fabrik Photographischer Präzisions-Apparate. Range finder for photographic cameras. 2,746,368, 5-22-56, Cl. 95-44.
- Weiss, Richard, to Franke & Heidecke, Fabrik Photographischer Präzisions-Apparate. Combined flashlight connecting socket and synchronizer adjusting means for photographic cameras. 2,749,819, 6-12-56, Cl. 95-11.5.
- Weiss, Richard C. *See—*
- Koryta, Leonard D. 2,774,701.
- Weiss, Saul, and E. C. Roberts, to the United States of America as represented by the Secretary of the Army. Method for mortar. 2,732,766, 1-31-56, Cl. 89-44.
- Weiss, Ted J., and C. E. Lawrence, to Weiss Lawrence, Inc. Method of making moccasins. 2,738,527, 3-20-56, Cl. 12-142.
- Weiss, Thomas B. Folded air leaflet. 2,752,711, 7-3-56, Cl. 40-127.
- Weiss, Thomas B. Book match cover. 2,753,041, 7-3-56, Cl. 206-29.
- Weiss, Ulrich, to M. J. Lewenstein. 14-hydroxymorphinone and 8,14-dihydroxy-dihydromorphinone. 2,772,270, 11-27-56, Cl. 280-285.
- Weiss, Walter J., to Texaco Development Corp. Drilling fluids. 2,748,079, 5-29-56, Cl. 252-8.5.
- Weiss, Willi, to Society "Brevets Aero-Mecaniques," S. A. Directional gun mounting. 2,764,915, 10-2-56, Cl. 89-41.
- Weiss, Willi, to Brevets Aero-Mecaniques, S. A. Grenade launching device for a firearm having a muzzle brake. 2,760,904, 11-20-56, Cl. 42-1.
- Weissberg, Jesse S., to Esso Research and Engineering Co. Process for controlling the viscosity of alkyl phenol sulfides. 2,764,617, 9-25-56, Cl. 260-609.
- Weissberg, Jesse S., and J. R. Jones, to Esso Research and Engineering Co. Additive for lubricants. 2,734,867, 2-14-56, Cl. 252-42.7.
- Weissberg, Jesse S., and J. R. Jones, to Esso Research and Engineering Co. Metal salts of alkyl phenol sulfides. 2,766,291, 10-9-56, Cl. 260-609.
- Weissberger, Arnold. *See—*
- Loria, Anthony Vittum, and Weissberger. 2,735,765.
- Thirle, John R., Vittum, and Weissberger. 2,732,300.
- Weissbrodt, Jean, to Societe Nouvelle Pathe Cinema. Cinematograph apparatus. 2,753,755, 7-10-56, Cl. 88-18.4.
- Weissbrodt, Max, to O. & M. Hausser. Toy freight car. 2,749,601, 12-5-56, Cl. 46-214.
- Weisse, Ernst E., and W. Franke, to Robot, Berning u. Co. Photographic camera with indicator of readiness for exposure. 2,766,669, 10-16-56, Cl. 95-31.
- Weissenberg, Gustav, and D. Tauer, to Ernst Leitz G. m. b. H. Method of and apparatus for evacuating vessels. 2,757,840, 8-7-56, Cl. 226-20.1.
- Weissenberg, Gustav, and N. Meinert, to Ernst Leitz G. m. b. H. Optical glass and process for its production. 2,763,559, 9-18-56, Cl. 106-47.
- Weissenberg, Gustav, and O. Ungemach, to Ernst Leitz G. m. b. H. Borate optical glass. 2,764,492, 9-25-56, Cl. 106-47.
- Weissenberg, Karl. *See—*
- Roberts, John E., and Weissenberg. 2,752,778.
- Weissenborn, Adolf, to Koppers Co., Inc. Apparatus for regulating the flow of a gas mixture. 2,741,261, 4-10-56, Cl. 137-486.
- Weissenburger, Helmut, and L. Szabo. Process for the production of at least approximately neutral solutions of substituted xanthines. 2,752,285, 6-26-56, Cl. 167-67.
- Weissert, Josef. *See—*
- Hess, Richard, Siebert, and Weissert. 2,758,109.
- Siebert, Arthur, Huss, and Weissert. 2,750,375.
- Weissbuh, Peter, to Societe a responsabilite limitee Les Ateliers de Constructions Mecaniques C. & A. Holweg. Apparatus for cutting a moving broad strip longitudinally and obliquely. 2,759,542, 8-21-56, Cl. 164-61.
- Weissbuh, Peter, and E. Biegler. Machines for sealing bags. 2,731,891, 1-24-56, Cl. 93-13.
- Weissinger, Harry. Brush and holder for electric machines. 2,756,359, 7-24-56, Cl. 310-246.
- Weissman, Bernard. Artificial denture. 2,748,480, 6-5-56, Cl. 32-5.
- Weissman, David. *See—*
- Porwancher, Samuel R., and Weissman. 2,732,837.
- Weisz, George R. *See—*
- Groth, Endie P., and Weisz. 2,731,647.
- Weisz, Paul B., to Socony Mobil Oil Co., Inc. Method for detection of hydrocarbons. 2,742,574, 4-17-56, Cl. 250-43.5.
- Weisz, Paul B., to Socony Mobil Oil Co., Inc. Process for drying inorganic hydrogel particles. 2,746,935, 5-22-56, Cl. 252-448.
- Weisz, Paul B., to Socony Mobil Oil Co., Inc. Method for detecting hydrocarbon gas. 2,755,388, 7-17-56, Cl. 250-43.5.
- Weisz, Paul B., to Socony Mobil Oil Co., Inc. Method and apparatus for detecting hydrocarbons. 2,761,975, 9-4-56, Cl. 250-43.5.
- Weisz, Paul B., to Socony Mobil Oil Co., Inc. Geiger-Müller counter tube. 2,765,418, 10-2-56, Cl. 313-93.
- Weisz, Thomas. *See—*
- Merancy, Arthur E., and Weisz. 2,754,834.
- Weisz, Thomas A. *See—*
- Baxter, Thomas R., and Weisz. 2,758,522.
- Weitbrecht, Gerhard. *See—*
- Klepper, Harry, Frey, Weitbrecht, and Kohl. 2,742,345.
- Weitzel, Edward W. *See—*
- Hennig, George E., and Weitzel. 2,754,542.
- Weitzel, Edward W., to Western Electric Co., Inc. Apparatus for simultaneously advancing and working plastic material. 2,752,633, 7-3-56, Cl. 18-12.
- Weitzel, George. *See—*
- Kahn, R., Victor, and Weitzel. 2,765,050.
- Weitzner, Geza. Interrupted adhesive tape joined by longitudinal spaced filaments. 2,751,909, 6-26-56, Cl. 128-335.
- Weixelbaum, Max. *See—*
- Koedderich, John T., and Weixelbaum. 2,764,672.
- Wekman, Stephen N. Multi-purposed collar for shafts. 2,760,800, 8-28-56, Cl. 287-52.04.
- Welanetz, Ludolph P., to Fairchild Camera and Instrument Corp. Shutter blade drive linkage. 2,730,026, 1-10-56, Cl. 95-63.
- Welbit Corp. *See—*
- Feder, Arthur G. 2,733,706.
- Welborn, Arthur A., and R. L. Treuthart. Fluid flow control devices. 2,741,451, 4-10-56, Cl. 251-76.
- Welch, Alanson U., Jr., to General Electric Co. Arc welding apparatus. 2,730,787, 2-28-56, Cl. 219-8.
- Welch, Anita F., to J. F. Welch. Decorative ribbon bow. 2,753,080, 9-18-56, Cl. 41-10.
- Welch, Arnold P. *See—*
- Montgomery, Earle T., Welch, and Bitonte. 2,775,531.
- Welch, Arthur R. Molded spoon construction. 2,752,678, 7-3-56, Cl. 30-324.
- Welch, Clifford K., to Indiana Commercial Filters Corp. Conveyor light and assembly. 2,767,825, 10-23-56, Cl. 198-172.
- Welch, Douglas F., K. B. Randall, and I. G. Strang, to The British Thomson-Houston Co. Ltd. Reaction chambers for the decomposition of monofuels. 2,751,750, 6-26-56, Cl. 89-36.
- Welch, Harry G. *See—*
- Reynolds, Loyal B., and Welch. 2,772,342.
- Welch, Jack D., to Collins Radio Co. Automatic gain control for electric servo systems. 2,762,959, 9-11-56, Cl. 318-30.
- Welch, Jerome B. *See—*
- Perrine, Robert O., and Welch. 2,740,033.
- Welch, Jerome B., to Cutler-Hammer, Inc. Electric welding machine and control means therefor. 2,769,080, 10-30-56, Cl. 219-108.
- Welch, John E., to Spring Packing Corp. Coating composition. 2,733,170, 1-31-56, Cl. 117-92.
- Welch, John F. *See—*
- Welch, Anita F. 2,763,080.
- Welch, John M., deceased, by V. M. Crouch, executrix. Hand propelled vehicle. 2,732,221, 1-24-56, Cl. 280-246.
- Welch, Kenneth B., and E. R. Sacia, to Kenro Corp. Method and composition for the production of speckled plastic ware. 2,761,176, 9-4-56, Cl. 18-47.5.
- Welch, Lester M. *See—*
- Leary, Robert F., Welch, and Maisel. 2,742,411.
- Serniuk, George E., and Welch. 2,751,450.
- Welch, Lester M., H. L. Wilson, and L. B. Turner, to Esso Research and Engineering Co. Isoolefin-multiolefin copolymers. 2,729,626, 1-3-56, Cl. 260-80.7.
- Welch, Lewis W., and A. Fegel, to Novi Engineering Co. Method of repairing cracked castings. 2,751,671, 6-26-56, Cl. 29-53.
- Welch, M. V. *See—*
- Hodgson, Ernest L. 2,767,822.
- Welch, Nicholas A. *See—*
- Fisler, Leland H., Welch, and McConnell. 2,733,088.
- Welch, Nicholas A., to The American Hardware Corp. Door lock. 2,770,124, 11-13-56, Cl. 70-146.
- Welch, Stanley B., to General Electric Co. Push button switch. 2,745,913, 5-15-56, Cl. 200-5.
- Welch, Stanley B., to General Electric Co. Electric oven heating system. 2,745,937, 5-15-56, Cl. 219-20.
- Welch, Stanley B., to General Electric Co. Control system for surface heating units. 2,767,296, 10-10-56, Cl. 219-20.
- Welch, Stanley B., and M. S. Williams, Jr., to General Electric Co. Temperature regulator for heating appliances. 2,747,073, 5-22-56, Cl. 219-20.
- Welch, W. M., Mfg. Co. *See—*
- Kenick, Walter B. 2,774,843.
- Welding Engineers, Inc. *See—*
- Street, Louis F. 2,733,051.
- Welding Fittings Corp. *See—*
- Beatty, Allan W. 2,771,665.

- Welding Service, Inc. *See*—  
 Kerwin, Daniel G. 2,761,313.
- Weldon, George B. *See*—  
 Adamson, William M., and Weldon. 2,747,841.
- Weldon Tool Co., The *See*—  
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- Wexler Jet Services, Inc. *See*—  
 Mohaupt, Henry H., and Gilbert. 2,765,739.
- Welge, Victor. Valve for exhaust braking. 2,753,147, 7-3-56, Cl. 251-233.
- Welham, Geoffrey L. *See*—  
 Vines, Alan, Welham, and Maughan. 2,737,725.
- Welhofer, Robert V. Tray or shelf supporting structure. 2,732,160, 1-24-56, Cl. 248-243.
- Welin-Berger, Guy J. O. Stoves, particularly for the heating of motor vehicles. 2,745,477, 3-15-56, Cl. 153-36.
- Welker, Heinrich. To Siemens-Schuckertwerke Aktiengesellschaft. Controllable electric resistance devices. 2,736,858, 2-28-56, Cl. 323-94.
- Well Surveys, Inc. *See*—  
 Pearson, Robert E. Re 2,422,6.
- Peterson, Glen. 2,775,503.
- Sykora, George E. 2,775,502.
- Youmans, Arthur H. 2,740,898.
- Youmans, Arthur H. 2,760,078.
- Wellborn, William W. To Fifth Sterling, Inc. Sintered carbide compositions and method of making the same. 2,753,621, 7-10-56, Cl. 29-182.7.
- Wellcome, Hubert E. Dispenser. 2,753,042, 7-3-56, Cl. 206-59.
- Wellenken, John F. Apparatus for dispensing beverages. 2,765,005, 10-2-56, Cl. 141-85.
- Wellensiek, Gert *See*—  
 Schack, Günther, Wellensiek, and Schefels. 2,742,896.
- Weller, Arthur W. *See*—  
 De Bastos, Emil N., and Weller. 2,732,991.
- Weller, Dale W. *See*—  
 Aldrich, Donovan D., Kiebler, and Weller. 2,747,819.
- Weller, David C. To Bell Telephone Laboratories, Inc. Telephone signaling transmission system. 2,763,726, 18-18-56, Cl. 179-2.
- Weller, Earl H., to L. M. Strunk. Wheeled convertible sprayer and duster. 2,759,293, 8-21-56, Cl. 43-148.
- Weller, Edward F., Jr. *See*—  
 Hanysz, Daniel, and Weller. 2,750,791.
- Weller, Edward L., Jr. Low viscosity, high density, flow-fining, pigmented base. 2,765,285, 10-2-56, Cl. 260-20.
- Weller, Elbert J. *See*—  
 Martin, William, and Weller. 2,735,249.
- Weller, James O. To E. F. Pohl. Self-leveling seat structure. 2,770,286, 11-13-56, Cl. 155-5.
- Weller, Max F., to Patentex, Inc. Method of twisting thread. 2,765,616, 7-24-56, Cl. 57-157.
- Weller, Max, to E. F. Pohl, Inc. Lady's stocking having stretchable zone. 2,771,758, 11-27-56, Cl. 66-172.
- Weller, Sol W. *See*—  
 Shalit, Harold, and Weller. 2,758,956.
- Welles, Joseph M. Brake beam. 2,762,466, 9-11-56, Cl. 189-226.1.
- Welling, Charles E. *See*—  
 Barrett, Wayne T., and Welling. 2,774,744.
- Wellington, Joseph C., Jr., to Thompson Products, Inc. Servo-motor load division control system. 2,749,450, 9-5-56, Cl. 290-4.
- Wellington, Roger D., to General Motors Corp. Rotary blower. 2,754,050, 7-10-56, Cl. 230-141.
- Wellman Engineering Co., The *See*—  
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- Thompson, George T. 2,748,610.
- Wellman, S. K. Co., The *See*—  
 Wellman, Samuel K. 2,771,801.
- Wellman, Samuel K., to The S. K. Wellman Co. Apparatus for shaping bimetallic articles. 2,771,801, 11-27-56, Cl. 80-56.
- Wells, Arthur L. Stripping device. 2,734,209, 2-14-56, Cl. 15-127.
- Wells, Arthur L. Indexing mechanism. 2,763,191, 9-18-56, Cl. 90-59.
- Wells, Arthur N. Flexible coupling. 2,764,002, 9-25-56, Cl. 64-13.
- Wells, Bruce C., and B. S. Layson, to Westinghouse Electric Corp. Switch apparatus. 2,757,254, 7-31-56, Cl. 200-87.
- Wells, Charles R., to Sundstrand Machine Tool Co. Pump. 2,766,693, 10-16-56, Cl. 103-5.
- Wells, Charles L. Bowling ball handle. 2,738,192, 3-13-56, Cl. 273-64.
- Wells-Dennison Co. *See*—  
 Dennison, Earl, and Wells. 2,748,519.
- Wells, Frank W. Digging adjustment rearmview for wheel-type trenching machine. 2,762,137, 9-11-56, Cl. 37-97.
- Wells, Franklin B. *See*—  
 Bronstein, Jesse B., Jr., and Wells. 2,735,775.
- Russell, Edward J., and Wells. 2,748,580.
- Striegler, Alvin J., and Wells. 2,731,348.
- Wells, Jack E. *See*—  
 Dennison, Earl, and Wells. 2,748,519.
- Wells, John A., to Stimpson Computing Scale Co. Computing weighing scale and optical projection viewing means. 2,760,838, 6-19-56, Cl. 88-24.
- Wells, John R. Inside adjustable rearview mirror for automobiles. 2,746,353, 9-22-56, Cl. 85-93.
- Wells, John R. Adjustable rearview mirror. 2,746,356, 5-22-56, Cl. 88-93.
- Wells, Joseph H., to United States Steel Corp. Method of preserving wood and resultant product. 2,762,721, 9-11-56, Cl. 117-72.
- Wells, Louis E., Jr., and H. V. Moss, to Monsanto Chemical Co. Process for making detergent compositions. 2,746,929, 5-22-56, Cl. 252-135.
- Wells, Louis E., Jr., and H. V. Moss, to Monsanto Chemical Co. Process for making detergent compositions. 2,746,930, 5-22-56, Cl. 252-135.
- Wells, Millard F., to W. L. Stensgaard and Associates, Inc. Structure for an adaptable article of inelastic sheet material. 2,740,565, 4-3-56, Cl. 323-67.
- Wells, Norman C., to Agate Corp. Gas separators for well pumps. 2,748,719, 6-5-56, Cl. 103-203.
- Wells, Reginald W., to J. V. and C. E. Schultz. Ball and socket coupling mechanism for trailer. 2,755,105, 7-17-56, Cl. 280-513.
- Wells, Richard W. *See*—  
 Quinton, Wayne E. 2,752,566.
- Wells, Ronald A. *See*—  
 Bursall, Francis H., Forrest, Kember, and Wells. 2,753,258.
- Wells, Stanley V. Mason's corner gauge. 2,769,240, 11-6-56, Cl. 33-85.
- Wells, William H., to Bendix Aviation Corp. Mass spectrometer. 2,768,305, 10-23-56, Cl. 250-41.3.
- Wells, William H., to Bendix Aviation Corp. Mass spectrometer. 2,774,882, 12-18-56, Cl. 250-41.9.
- Wells, William H., and W. C. Wiley, to Bendix Aviation Corp. Mass spectrometer. 2,768,304, 10-23-56, Cl. 250-41.
- Wells, William M., II. Utility lamp. 2,732,480, 1-24-56, Cl. 240-213.
- Wells, Willis L., to Lambert Engineering Co. Screw actuators. 2,743,623, 5-1-56, Cl. 74-424.8.
- Wells, W. P., to W. H. H. Patterson. Tire pressure alarm. 2,740,855, 4-3-56, Cl. 200-61.25.
- Weisbach Corp., The *See*—  
 Hann, Victor A. 2,761,872.
- Weisch, Frank J. Method and machine for making shackles. 2,763,456, 10-23-56, Cl. 20-45.
- Weisch, Otis D. Vacuum flotation and liquid purification apparatus and process. 2,770,365, 11-13-56, Cl. 210-53.
- Weischenbach, Charles D., to The Hinde & Dauch Paper Co. Tubular shipping container. 2,740,572, 4-3-56, Cl. 229-5.5.
- Weisch, Charles J. *See*—  
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- Wesley, Thomas, Gale S., and Weisch. 2,751,257.
- Weisch Co. *See*—  
 Weisch, Matilda D., and Miller. 2,744,760.
- Weisch, George W. *See*—  
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- Weisch, Harvey W., to Curtiss-Wright Corp. Ram jet engine. 2,766,581, 10-16-56, Cl. 60-35.6.
- Weisch, James W., to Signal-Sat Corp. Snap-action vane. 2,737,553, 3-6-56, Cl. 200-122.
- Weisch, James W., to Signal-Sat Corp. Snap-action device. 2,756,304, 7-24-56, Cl. 200-122.
- Weish, Jay Y. *See*—  
 Uhlert, Bernard R., and Weish. 2,739,914.
- Morehouse, Clarence K., and Weish. 2,748,183.
- Weish, Jay Y., to Manganese Chemicals Corp. Method of removing a dissolved iron compound from an aqueous solution of an ammonio complex of manganese. 2,750,256, 9-5-56, Cl. 200-122.
- Weish, Jay Y., and R. A. Holmes, to Manganese Chemicals Corp. Manganese dioxide product. 2,757,071, 7-31-56, Cl. 28-145.
- Weish, Jay Y., and R. A. Holmes, to Manganese Chemicals Corp. Treating oxidized manganese carbonate products. 2,758,012, 8-7-56, Cl. 23-145.
- Weish Mfg. Co. *See*—  
 Lindbom, Frank W. 2,752,820.
- Lindbom, Frank W. 2,773,423.
- Weish, Margaret E. Wire shelf for closets and the like. 2,746,609, 5-22-56, Cl. 211-93.
- Weish, Matilda D., and F. E. Miller, said Miller to Weish Co. Collapsible frame for baby carriage. 2,744,760, 9-5-56, Cl. 23-36.
- Weish, Matilda D., and F. E. Miller, said Miller to Weish. Baby swing and jumper. 2,758,634, 8-14-56, Cl. 155-61.
- Weish, Oral S. *See*—  
 Gaddis, Hugh L., Myers, and Weish. 2,731,709.
- Weish, Ormonde P., to Parton Machinery Co. Envelope making machine. 2,746,364, 5-22-56, Cl. 93-62.
- Weish, Reals, to The O. Hommel Co. Method and apparatus for applying resinous or thermoplastic colors to objects. 2,731,912, 1-24-56, Cl. 101-129.
- Weish, Robert J., and R. D. van Millingen, to The English Electric Co. Ltd. Gas turbine plant comprising a rotary regenerative heat exchanger for the combustion of air-gas mixtures of low gas concentration and method of operation thereof. 2,731,798, 1-24-56, Cl. 60-59.
- Weish, Samuel H. Portable circulating blower for space heaters. 2,740,579, 4-3-56, Cl. 230-117.
- Weish, Warren A., and R. C. Tardiff, to Western Electric Co., Inc. Radio frequency pulser. 2,750,530, 6-12-56, Cl. 315-5.
- Weish, William W., to Bowen & Co. Liquid dispenser. 2,752,069, 6-26-56, Cl. 222-207.
- Weisheimer, Jesse E. Indicator for cash drawer bill compartments. 2,757,679, 10-23-56, Cl. 116-114.
- Weischenbach, Charles D., to The Hinde & Dauch Paper Co. Paperboard containers. 2,761,608, 9-4-56, Cl. 229-18.



- Welschenbach, Charles D., to The Hinde & Dauch Paper Co. High strength paperboard containers. 2,761,610, 9-4-56, Cl. 229-23.
- Welt, Benjamin P.: *See*—
- Kreitchman, Morton A., Welt, and Maslow. 2,750,962.
- Welter, Grover C.: *See*—
- Nelkin, Henry G. 2,742,038.
- Welter, Otto, to Elektro-Motoren Aktiengesellschaft. Electrical commutator machine. 2,758,231, 8-7-56, Cl. 311-268.
- Weltman, William C.: *See*—
- Kepple, Charles G., and Weltman. 2,768,923.
- Welton, Donald E.: *See*—
- Calkins, William H., and Welton. 2,749,359.
- Wells, Jeremy, to APRA Precipitator Corp. Protective relay circuits. 2,771,550, 11-20-56, Cl. 183-7.
- Welly, Albert B., Jr., to Esso Research and Engineering Co. Liquid-gas contacting device. 2,754,096, 7-10-56, Cl. 261-97.
- Welly, Frank and R., to Carbonic Dispenser, Inc. Beverage dispensing apparatus. 2,750,076, 6-12-56, Cl. 222-123.1.
- Welly, Frank and R., to Carbonic Dispenser, Inc. Method and apparatus for distributing and dispensing carbonated beverages. 2,733,850, 2-7-56, Cl. 226-115.
- Welly, Frank and R. D., to Carbonic Dispenser, Inc. Valve apparatus. 2,766,772, 10-16-56, Cl. 137-630.2.
- Welly, Raymond.: *See*—
- Welly, Frank and R. 2,750,076.
- Welly, Raymond D.: *See*—
- Welly, Frank and R. D. 2,733,850.
- Welly, Frank and R. D. 2,766,772.
- Welz, Harry.: *See*—
- Giltges, Aloys, and Welz. 2,733,239.
- Welz, Harry, to Farbenfabriken Bayer Aktiengesellschaft. Method for obtaining sulphur-free oximes from oxime-sulphur mixtures. 2,741,637, 4-10-56, Cl. 260-566.
- Welz, Harry, to Farbenfabriken Bayer Aktiengesellschaft. Method for the preparation of lactams by the rearrangement of cycloaliphatic ketoximes. 2,744,107, 5-1-56, Cl. 260-239.3.
- Wemby, Inc.: *See*—
- Gouner, Aubrey L. 2,728,917.
- Wenger, Wilhelm, to F. Spliger. Rotary hydraulic pump and booster pump. 2,741,188, 4-10-56, Cl. 103-162.
- Wenche, Louis F. Socket-wrench insert for installing and removing spark plugs. 2,752,811, 7-3-56, Cl. 81-125.
- Wendel, Clifford A. Means for attaching electric socket plugs to electric cords. 2,774,948, 12-18-56, Cl. 339-101.
- Wendel, Lorenz, to The Singer Mfg. Co. Cooled bearings for oven drying machines. 2,770,891, 11-20-56, Cl. 34-218.
- Wendeken, Diedrich. Bottle and jar opener having adjustable pivoted jaw. 2,731,861, 1-24-56, Cl. 81-344.
- Wendell, Charles B., Jr.: *See*—
- Wole, Harry M., Secord, Seltzer, and Wendell. 2,763,602.
- Wender, Charles B., Jr. Production of dense coke by retarding froth formation during coking. 2,744,856, 5-8-56, Cl. 202-32.
- Wendell, Evert J., and C. H. Young, Jr., to Hale Fire Pump Co. Priming mechanism for centrifugal pumps. 2,758,547, Cl. 356, Cl. 103-113.
- Wendell, Samuel L., to Stewart-Warner Corp. Sealed heater venting system. 2,755,794, 7-24-56, Cl. 126-307.
- Wender, Simon H., and C. H. Ice, to the United States of America as represented by the United States Atomic Energy Commission. Method for the separation of flavonoid compounds. 2,738,048, 3-13-56, Cl. 260-210.
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- Wenderott, Berthold J., to Vereinigte Deutsche Metallwerke Aktiengesellschaft. Method of treating metallic materials. 2,750,301, 6-12-56, Cl. 117-80.
- Wendler, Norman L.: *See*—
- Hirschmann, Ralph F., and Wendler. 2,749,338.
- Wending, Le Roy J., to The Apex Machine & Tool Co. Magnetic socket wrench. 2,750,828, 6-19-56, Cl. 81-125.
- Wendrow, Benjamin R.: *See*—
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- Wendrow, Benjamin R., to U. S. Rubber Reclaiming Co. Inc. Method of production of reclaimed rubber in discrete particle form. 2,767,149, 10-16-56, Cl. 260-23.
- Wendshuh, Herbert L., and D. E. Lamon, to Gilbert & Nash Co. Wire or felt guide mechanism. 2,729,112, 1-3-56, Cl. 74-241.
- Wendt, Donovan D.: *See*—
- Hayes, Richard D., and Wendt. 2,739,746.
- Wendt, Gerhard R., to American Home Products Corp. Mercurial diuretic compositions and method of stabilization. 2,751,325, 6-19-56, Cl. 167-71.
- Wendt, Harry C., to General Electric Co. Symmetrical gyroscope. 2,731,836, 1-24-56, Cl. 34-5-7.
- Wendt, Harry C., to General Electric Co. Gyro pick-off. 2,737,054, 3-6-56, Cl. 74-5-47.
- Wendt, Harry C., to General Electric Co. Gyro spin axis indicator. 2,752,879, 7-3-56, Cl. 116-129.
- Wendt, Karl R., to Separating equipment. 2,771,993, 11-27-56, Cl. 209-172.
- Wendt, Peter M. Archery arrow retaining device. 2,743,716, 5-1-56, Cl. 124-41.
- Wendt, Robert H.: *See*—
- Berg, Elaine. 2,750,770.
- Wendt, Robert H. Combined snow shovels and snow molds. 2,752,631, 7-3-56, Cl. 18-1.
- Wendt, Walter F.: *See*—
- Klein, Mathias A., Jr., and Wendt. 2,746,145.
- Wengel, Raymond W., to Eastman Kodak Co. Pneumatic arrangement for advancing and registering a film strip. 2,747,457, 5-29-56, Cl. 88-18.
- Wenger, Ernst.: *See*—
- Zippel, Richard, and Wenger. 2,752,958.
- Wenger, Harry. Canister with scoop fastening means. 2,738,900, 3-20-56, Cl. 222-114.
- Wenger, Harry. Packaging box with means urging the lid into closed relation. 2,764,338, 9-25-56, Cl. 220-44.
- Wenger, Harvey R. Glove compartment pad. 2,736,428, 2-28-56, Cl. 206-72.
- Wenis, Edward, to Hoffmann-La Roche Inc. Production of L-tryptodan and intermediates therefor. 2,734,054, 2-7-56, Cl. 260-193.
- Wenk, Henry L. C., Jr., to American Casting & Mfg. Corp. Seal press mechanism. 2,764,861, 10-2-56, Cl. 53-135.
- Wenke, Jan W. G., to Hartford National Bank and Trust Co., as trustee. Camera device of the kind comprising a lens revolver. 2,741,170, 4-10-56, Cl. 95-45.
- Wenner, Charles B., to Alkerm, Inc. Vaporizing dispenser for air treating gels. 2,733,956, 2-7-56, Cl. 299-24.
- Wenner, Wilhelm, to Hoffmann-La Roche Inc. Isosindoline compounds. 2,740,795, 4-4-56, Cl. 260-319.
- Wenner, Wilhelm, to Hoffmann-La Roche Inc. Isonicotinyl hydrazone of pyruvic acid. 2,773,877, 12-11-56, Cl. 260-295.
- Wennerberg, Fritz J., to Aktiebolaget Separator. Suspension of plates in plate heat exchangers. 2,754,093, 7-10-56, Cl. 257-245.
- Wennerlund, Eric, to The Ohio Brass Co. Heating rolls. 2,739,218, 3-20-56, Cl. 219-37.
- Wenning, Heinrich, to Chemische Werke Hülz Aktiengesellschaft. Process for the production of polyacrylonitrile. 2,745,825, 5-15-56, Cl. 260-88.7.
- Went, Richard T., to B. S. Blom. Electro-mechanical control mechanism. 2,731,121, 1-17-56, Cl. 182-94.
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- Went, Jan J., G. W. Van Oosterhout, and E. W. Gorter, to Hartford National Bank and Trust Co., as trustee. Permanent magnet and method of making the same. 2,762,777, 9-11-56, Cl. 252-62.5.
- Wente, Adolf F. C.: *See*—
- Bensinger, Wolf-Dieter, and Wente. 2,738,780.
- Wente, Adolf F. Ch.: *See*—
- Bensinger, Wolf-Dieter, and Wente. 2,763,250.
- Wente, Robert J.: *See*—
- Twin, Edmund M., Wente, and Schweska. 2,737,543.
- Wente, Robert J., to E. M. Irwin, and F. J. Boyer, General Motors Corp. Dual engine fuel system. 2,768,504, 10-30-56, Cl. 60-97.
- Wentworth, Gerald G. Extensible and collapsible antenna mast. 2,763,341, 9-18-56, Cl. 189-26.
- Wenz, Cecil L., Jr. Carburetor. 2,732,193, 1-24-56, Cl. 261-34.
- Wentz, Edward A.: *See*—
- Heizer, Edward J., and Wentz. 2,750,130.
- Wenz, Herbert.: *See*—
- Zink, Hermann, and Wenz. 2,739,553.
- Zink, Hermann, and Wenz. 2,745,365.
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- Wenzel, Clyde L., to Mid-West Bottle Cap Co. Dairy bottle closure. 2,738,089, 3-13-56, Cl. 215-35.
- Wenzel, Edwin H. Combined water spray and chemical dispenser. 2,737,414, 3-6-56, Cl. 299-84.
- Wenzel, Frederick A., to Cornell Paperboard Products Co. Method and apparatus for removing waste from box blank sheets. 2,757,585, 8-7-56, Cl. 93-36.
- Wenzel, Heras H., to Minneapolis-Honeywell Regulator Co. Control valve. 2,766,771, 10-16-56, Cl. 137-595.
- Wenzelberger, Elwood P., to The Commonwealth Engineering Co. of Ohio. Suction apparatus for the separation of fluid and solids. 2,734,355, 2-14-56, Cl. 62-124.
- Wenzelberger, Elwood P., to The Commonwealth Engineering Co. of Ohio. Method of dehydration by freezing. 2,735,778, 2-21-56, Cl. 99-205.
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- Werber, George Z. Combination of a case with a hasp for bag. 2,761,358, 9-4-56, Cl. 132-83.
- Werden, George H. Collapsible camp cooker. 2,747,566, 5-29-56, Cl. 126-9.
- Werfel, Arnold, to Paillard S. A. Photographic and projection objective of the Petzval type. 2,744,445, 5-8-56, Cl. 88-57.

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- Lako, Ed, and Werge. 2,757,627.
- Werkema, Thomas E., J. W. Thorsberg, and C. E. De Long, to The Dow Chemical Co. Self-extinguishing alkyl polymer compositions containing bromo-chloro compounds. 2,760,947, 9-28-56, Cl. 260-35.8.
- Werkeiser, Dwight E., and E. L. Brautigam. Rooter tooth assembly. 2,740,212, 4-3-56, Cl. 37-142.
- Werkzeugmaschinenfabrik Adolf Waldrich Coburg: See—
- Wagner, Richard, and Schwarz. 2,775,167.
- Werly, Emil P., to Pillsbury Mills, Inc. Soybean oil refining process. 2,746,867, 5-22-56, Cl. 99-118.
- Wermelskirchen, Louis M., to Bailey Meter Co. Control systems. 2,730,697, 1-10-56, Cl. 340-187.
- Werner, Alfred J., to E. I. du Pont de Nemours and Co. Production of titanium pigments. 2,737,460, 3-6-56, Cl. 106-300.
- Werner, Arnold J.: See—
- Wagner, Adolph A., and Werner. 2,730,258.
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- Werner, Frank: See—
- Werner, Luczelo and F. 2,753,105.
- Werner, Frank R., to The National Cash Register Co. Printer mechanism for cash registers and accounting machines. 2,730,039, 10-26-56, Cl. 101-93.
- Werner, Frank R., and W. G. Sterzer, to The National Cash Register Co. Interspersed totalizer selecting means. 2,759,667, 8-21-56, Cl. 235-6.
- Werner, Frank R., and R. C. Schwinn, to The National Cash Register Co. Switching devices. 2,769,041, 10-30-56, Cl. 200-6.
- Werner, Fritz, Aktiengesellschaft: See—
- Wommelsdorf, Hans. 2,742,795.
- Werner, Gerhard, to Norddeutsche Affinerie. Process for the treatment of bismut containing lead in the refining of bismut containing lead. 2,751,290, 6-19-56, Cl. 75-70.
- Werner, Harry C.: See—
- Penney, James H., Werner, and Anderson. 2,747,947.
- Werner, Helmut: See—
- Bauersfeld, Walther, Werner, and Vieweg. 2,748,652.
- Werner, Jesse: See—
- Nawiaski, Paul, Stevenson, and Werner. 2,742,495.
- Werner, Jesse, and R. Steckler, to General Aniline & Film Corp. Laminated fibrous glass material. 2,762,735, 4-11-56, Cl. 4-44.
- Werner, Leo C., to the United States of America as represented by the Secretary of the Navy. Insulating spacers. 2,754,349, 7-10-56, Cl. 174-28.
- Werner, Leo J. Cartridge case. 2,763,411, 9-18-56, Cl. 224-21.
- Werner, Luczelo and F. Package opener. 2,753,105, 7-3-56, Cl. 229-51.
- Werner, Willy: See—
- Ley, Hellmut, Stenger, Werner, and Lampatz. 2,758,949.
- Wernert, Karl. Housing of artificial material for single stage centrifugal pumps. 2,764,099, 9-25-56, Cl. 103-103.
- Wernig, James H., to General Motors Corp. Sealing means for doors. 2,761,728, 9-4-56, Cl. 296-44.
- Wernlund, Christian J., to E. I. du Pont de Nemours and Co. Addition agent for copper plating. 2,774,728, 12-18-56, Cl. 204-52.
- Wernlund, Roger F.: See—
- Ehret, Robert J., and Wernlund. 2,774,879.
- Wernlund, Roger F., to Minneapolis-Honeywell Regulator Co. Proportional band adjusting servo system. 2,743,403, 4-24-56, Cl. 318-29.
- Wernlund, Roger F., to Minneapolis-Honeywell Regulator Co. Electronic control apparatus. 2,763,781, 9-18-56, Cl. 250-36.
- Wernitz, James H.: See—
- Bechtold, Max F., and Wernitz. 2,737,459.
- Wernies, John V. Bol holding dual socket wrench. 2,772,590, 12-4-56, Cl. 81-55.
- Werstein, Frank A.: See—
- Dieterich, Richard E., and Werstein. 2,767,988.
- Wert, Alvin D.: See—
- Hibbard, Earl E. 2,743,678.
- Werteppny, Alexander and R. J. 60% to S. A. and E. M. Wertepny, and B. Luscalzo. Machine for serrating pinking shears. 2,764,727, 7-17-56, Cl. 90-18.
- Wertepny, Edward M.: See—
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- Wertin, George L. Stitch puller. 2,764,386, 9-25-56, Cl. 254-28.
- West, Oscar J., to Chrysler Corp. Brake drum cooling. 2,740,503, 4-3-56, Cl. 189-264.
- Weschler, Edmund E., Jr., to General Electric Co. Dehumidifying apparatus. 2,759,335, 8-21-56, Cl. 62-4.
- Wescott, Coe E., to Boeing Airplane Co. Mechanical binary divider to analog converters. 2,764,344, 9-25-56, Cl. 235-61.
- Wesely, Josef: See—
- Kohn, Maximilian, and Wesely. 2,763,129.
- Wesh, Anthony J., to Socony Mobil Oil Co., Inc. Liquid hydrocarbon conversion method and apparatus. 2,732,331, 1-24-56, Cl. 196-52.
- Wesh, Anthony J., to Socony Mobil Oil Co., Inc. Push type fluid conveyor. 2,736,611, 2-28-56, Cl. 302-17.
- Wesley, Andrew, and R. J. McKay, to The International Nickel Co., Inc. Method for electrorefining metal and improved electrolytic metal plates produced thereby. 2,773,816, 12-11-56, Cl. 204-12.
- Wesner, Wilton W. Thermal insulating wallboard. 2,754,235, 7-10-56, Cl. 154-45.9.
- Wesp, Adam, to VDO Tachometer Werke, Adolf Schindling & Co., b. H. Calorimeter. 2,774,242, 12-18-56, Cl. 73-93.
- Wesp, George L.: See—
- Stoccombe, Robert J., and Wesp. 2,775,574.
- Wessel, Leo B., to The American Laundry Machinery Co. Control control for plural motor unit. 2,745,997, 5-15-56, Cl. 318-102.
- Wessel, Walter H., to Houdaille-Hershey Corp. Telescopic shock absorber construction. 2,742,112, 4-17-56, Cl. 188-88.
- Wessner, Carl: See—
- Buck, Robert, Wessner, and Kessler. 2,752,768.
- Wesson, Paul P. Rubber keys for business and office machines such as typewriters. 2,733,804, 2-7-56, Cl. 197-103.
- West, Alice L. Disposable apron. 2,756,430, 7-31-56, Cl. 2.
- West, Bertram H., to G. Stibbe & Co., Ltd. Yarn feeding mechanism for knitting machines. 2,744,399, 5-8-56, Cl. 66-132.
- West, Bill D.: See—
- Dod, William E. N., and West. 2,750,575.
- West, Charles E., to Minneapolis-Honeywell Regulator Co. Joint for indicating instrument linkage. 2,756,083, 7-24-56, Cl. 287-89.
- West, Charles F., and H. H. Rugg, to Westinghouse Electric Corp. Electrical bus with support and housing structure. 2,763,710, 9-18-56, Cl. 174-99.
- West, Clare E., and A. C. Cragg, to Donaldson Co., Inc. Device for spraying insecticides and weed killers. 2,732,256, 1-24-56, Cl. 209-98.
- West Company, Inc.: See—
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- West, De Witt H., and W. T. Phelps, to The International Nickel Co., Inc. Production of carbonyl iron powder. 2,772,956, 12-4-56, Cl. 75-0.5.
- West Disinfecting Co.: See—
- Marcuse, James R. 2,737,419.
- Marcuse, James E., and Reynolds. 2,743,208.
- West, Earle H., Jr. Device for supporting containers on wall structures. 2,765,770, 10-9-56, Cl. 118-505.
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- West, Frederick J. and E. 2,735,557.
- West, Francis, Jr.: See—
- Braddon, Frederick D., and West. 2,742,637.
- West, Frank B.: See—
- Carlson, George J., Gaertner, and West. 2,774,792.
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- West, Frederick C. Road planing machines. 2,747,475, 5-29-56, Cl. 94-40.
- West, Frederick J. and E., to West's Gas Improvement Co., Ltd. Coke extractor for vertical retort. 2,735,557, 2-21-56, Cl. 214-36.
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- West, Harry: See—
- Johnson, Oscar H., Harvey, and West. 2,758,955.
- West, Harry R., and M. T. Reese, to General Electric Co. Line drop compensator. 2,751,511, 6-19-56, Cl. 307-103.
- West, Herbert J., to American Cyanamid Co. Catalytic oxidation of polynuclear hydrocarbons. 2,769,018, 10-30-56, Cl. 260-385.
- West, James E., Jr.: See—
- Lovell, Louis R., and West. 2,765,518.
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- West, James R.: See—
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- West, James R., and J. L. Stackhouse, to Sperry Rand Corp. Sharpening attachment for rotary cutter heads. 2,735,248, 2-21-56, Cl. 1-146.
- West, James R., and F. Gormley, to Texas Gulf Sulphur Co. Roasting pyrites. 2,772,153, 11-27-56, Cl. 75-9.
- West Laboratories, Inc.: See—
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- Spiller, William R., and West. 2,734,577.
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- West, Michael J., to The B. F. Goodrich Co. Apparatus for assembling traveling lengths of windlace components. 2,757,705, 8-7-56, Cl. 154-1.8.
- West, Paul B.: *See*—
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- West Realty Inc.: *See*—
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- West, Robert. Timer for indicating sequential order of service. 2,748,085, 2-14-56, Cl. 340-223.
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- West, Russell A.: *See*—
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- West, Russell A., to Lukens Steel Co. Head joggling machine. 2,748,828, 6-5-56, Cl. 153-29.
- West, Russell A., and L. W. Edwards, to Lukens Steel Co. Apparatus for loading and unloading trailers and the like onto and from platforms and the like. 2,773,612, 12-11-56, Cl. 214-38.
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- West, William: *See*—
- Robertson, Earl M., and West. 2,732,301.
- West, Woodrow W., to Bath Iron Works Corp. Reversible hammermill with adjustable upper breaker blocks. 2,748,219, 10-23-56, Cl. 241-189.
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- Hård af Segerstad, Carl G., and Westberg. 2,746,424.
- Westberg, Johan B., to Telefonaktiebolaget L M Ericsson. Device for reducing the de-ionization time in glow discharge tubes and the like. 2,752,531, 6-26-56, Cl. 315-335.
- Westhom, C. Jr.: *See*—
- Nold, Walter E., and Westhom. 2,756,383.
- Westbrook, Eric, to W. Moore. Simulated football game. 2,743,103, 4-24-56, Cl. 273-94.
- West Coast Tool & Supply Co.: *See*—
- Koehlmäin, Elmar. 2,752,024.
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- Stocks, Harry R., Stott, and Westcott. 2,773,399.
- Westcott, Laurence C.: *See*—
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- Behnke, George W., and Westcott. 2,772,769.
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- Westcott, Vernon C., L. Katz, and G. W. Schiff, to Raytheon Mfg. Co. Telemetering transmission systems. 2,750,566, 6-12-56, Cl. 332-9.
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- Westendorp, Willem F., to General Electric Co. Means for preventing the loss of charged particles injected into accelerator apparatus. 2,738,421, 3-13-56, Cl. 250-27.
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- Wester, Horace V. Liquid applicator. 2,754,624, 7-17-56, Cl. 47-1.
- Wester, Ralph C., to W. M. Quinn. Spreader. 2,743,932, 5-1-56, Cl. 275-2.
- Westerberg, Eloy, to Aktiebolaget Svenska Flaktfabriken. Drying device. 2,758,388, 8-14-56, Cl. 34-54.
- Westergaard, Richard H.: *See*—
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- Westerkamp, Hugo. Apparatus for joining the ends of magnetic sound tape. 2,743,763, 5-1-56, Cl. 154-42.
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- Henning, George E. 2,766,480.
- Henning, George E. 2,760,451.
- Henning, George E., and Weitzel. 2,754,542.
- Hertenstein, Edgar W., Jr., and Larsen. 2,765,910.
- Hicks, William T., Leard, and Pharo. 2,735,629.
- Hodes, Albert. 2,751,872.
- Hughes, David A. 2,758,189.
- Hyland, Alexander G. 2,764,267.
- Juvinal, James W., and Miller. 2,735,923.
- Kalbow, Theodore W. 2,755,709.
- Kalbow, Theodore W. 2,756,315.
- Kalbow, Theodore W., and Reichelt. 2,759,086.
- Kalbow, Theodore W., and Reichelt. 2,768,593.
- Kalbow, Theodore W., and Reichelt. 2,768,596.
- Kimmel, Frank E. 2,763,056.
- Kivley, Ray C. 2,758,337.
- Koerner, Dan E. 2,755,917.
- Krogel, Christopher J. 2,768,559.
- Leay, Hugh H. 2,742,926.
- Lafferty, Vincent C. 2,748,346.
- Laird, Alfred W. 2,751,362.
- Lamont, John. 2,768,346.
- Larsen, Einar W. 2,749,419.
- Larsen, Einar W., and Marcus. 2,740,592.
- Reichelt, Clarence C., Jr. 2,760,055.
- Lindholm, Paul. 2,736,588.
- Loucks, Alton L. 2,774,594.
- MacFarlane, Donald R. 2,765,453.
- McCain, Cecil C. 2,767,465.
- McCarthy, Lawrence A. 2,728,994.
- McCarthy, Lawrence A. 2,774,051.
- McDuffee, John K. 2,775,068.
- McGrath, John W. 2,762,015.
- McGraw, George P., Jr. 2,765,517.
- Meistrup, Emil E. 2,748,489.
- Meistrup, Emil E. 2,768,593.
- Miklau, Ernest P. 2,758,797.
- Mitchell, Gerald A., and Yost. 2,751,526.
- Moller, Kasper F. 2,770,352.
- Moore, Norman C. 2,740,189.
- Mueller, Paul L. 2,735,065.
- Murray, Guy E. 2,732,332.
- Myers, Hubert A. 2,732,588.
- Myers, Hubert A. 2,771,539.
- Nevrincan, George. 2,747,438.
- Nystrom, Axel C. 2,736,161.
- Reichelt, Lester O. 2,766,993.
- Perry, Albert F., and Robertson. 2,737,211.
- Pethes, Theodore J. 2,760,125.
- Powell, Paul R. 2,743,633.
- Powell, Raymond E. 2,756,308.
- Purdy, Chester A. 2,750,923.
- Rayburn, Vincent A. 2,737,302.
- Rayburn, Vincent A. 2,737,319.
- Rayburn, Vincent A. 2,737,487.
- Rayburn, Vincent A. 2,739,348.
- Rayburn, Vincent A. 2,739,766.
- Reckhow, Robert W. 2,760,570.
- Reed, Robert B. 2,732,712.
- Reichelt, Lester O., and Runge. 2,767,301.
- Reynolds, Ellwood W., and Slechta. 2,764,214.
- Rogers, George A., Sr. 2,756,963.
- Ruttkay, Paul. 2,747,719.
- Saravalli, Herman. 2,765,537.
- Schaeffer, Norman G. 2,756,866.
- Schalk, Robert F. 2,775,731.
- Schaufelberger, Henry W. 2,735,319.
- Scheidt, Gerald A. 2,739,387.
- Schramm, Fred W. 2,767,375.
- Smek, Jerry V., and Thoms. 2,747,290.
- Simpson, Warren O. 2,732,810.
- Smerz, Frank W. 2,749,136.
- Smerz, Frank W. 2,763,877.
- Soderman, George W. 2,729,035.
- Soderman, George W. 2,749,683.

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 Stocker, Edward T. 2,730,070.  
 Tooker, Howard A. 2,736,862.  
 Yavrinek, Frank B. 2,768,445.  
 Weitzel, Edward W. 2,752,633.  
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 Whipple, Richard R. 2,773,651.  
 Williams, Alfred A. 2,733,799.  
 Williamson, Fred N., and Zipp. 2,760,005.  
 Willous, Charles E. 2,763,325.  
 Windsor, Charles A., and Zif. 2,748,923.  
 Wines, William B. 2,740,400.  
 Wojciechowski, Bogumil M. 2,745,962.  
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- Western Electric Co., Ltd.: *See*—  
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- Western Electrochemical Co.: *See*—  
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 Schumacher, Joseph C. 2,739,873.
- Western Engineering Associates: *See*—  
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- Western Equipment Mfg. Co.: *See*—  
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 Brimhall, Kirk L. 2,747,308.
- Western Metal Sash Co., Inc.: *See*—  
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- Western Precipitation Corp.: *See*—  
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- Western Pressure Control: *See*—  
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- Western Pulp Products: *See*—  
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- Western Stove Co., Inc.: *See*—  
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- Western Union Telegraph Co., The: *See*—  
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 Buckingham, William D. 2,732,458.  
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- Western Vegetable Industries, Inc.: *See*—  
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- Western States Machine Co., The: *See*—  
 Hertrich, Joseph. 2,751,083.  
 Hertrich, Joseph. 2,759,372.  
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- Westertep, Cornelis: *See*—  
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- Westervelt, Charles S.: *See*—  
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- Westervelt, Harry L. Sack holder. 2,754,076, 7-10-56, Cl. 248—97.
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- Westfall, Jerome C., to The B. F. Goodrich Co. Method for the preparation of benzylmalononitrile. 2,774,781, 12-18-56, Cl. 260—465.
- Westfalia Separator A. G.: *See*—  
 Roben, Karl. 2,744,496.
- Westfall, Clifford M., to Chicago Bridge & Iron Co. Welding head mount. 2,742,554, 4-17-56, Cl. 219—8.
- Westfall, Clifford M., to Chicago Bridge & Iron Co. Apparatus for welding. 2,761,954, 9-4-56, Cl. 219—126.
- Westfall, John W., to Anchorage Plastics Corp. Reinforced plastic construction and method of manufacture. 2,758,321, 8-14-56, Cl. 9—6.
- Westfall, Paul. Hood mount and hoist mechanism for bulldozer blade. 2,737,735, 3-13-56, Cl. 37—144.
- Westhoff, Lloyd R., to Dwight Mfg. Co., Inc. Lift attachment for tractors. 2,736,442, 2-23-56, Cl. 214—130.
- Westin, Henry C., to United Engineering and Foundry Co. Classifying apparatus. 2,773,595, 12-11-56, Cl. 209—74.
- Westinger, Karl, E. Altenburger, and O. Hirt. Dual pin-carriage indexing mechanism. 2,742,228, 4-17-56, Cl. 235—79.
- Westinghouse Air Brake Co.: *See*—  
 Agnew, Edward J. 2,770,775.  
 Allison, Leslie R. 2,747,032.  
 Bichsel, Harry J., and Rebuffoni. 2,734,981.  
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 Bowman, Spencer. 2,761,664.  
 Bowman, Spencer. 2,768,728.  
 Bowman, Spencer, and Krauss. 2,759,374.  
 Brannen, Paul M. 2,758,201.  
 Brooks, Ralph C. 2,760,612.  
 Bush, Rankin J. 2,773,828.  
 Carlson, Lester A., and R. H. 2,759,571.  
 Cook, Earle S., and Whitney. 2,736,612.  
 Cotter, George L. 2,772,830.  
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 Dodd, Arthur E. 2,769,901.  
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 Feucht, Jacob E. 2,762,609.  
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 Fitzsimmons, David P. 2,751,492.  
 Formhals, William H., Fockler, and Penney. 2,735,027.  
 Frink, Russell E., and Dickinson. 2,734,842.  
 Gerst, Chris. 2,732,189.  
 Golladay, Lawrence R. 2,740,890.  
 Gunning, Samuel D. 2,733,896.  
 Hedding, Linnie K. 2,775,023.  
 Hewitt, Ellis E. 2,736,394.  
 Hewitt, Ellis E. 2,747,611.  
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 Hines, Claude M. 2,747,693.  
 Hoogerhyde, Arthur. 2,742,563.  
 Hoogerhyde, Arthur. 2,754,414.  
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 Ihrig, Clifford D. 2,730,613.  
 Ihrig, Clifford D. 2,738,416.  
 Jefferson, Glen V. 2,747,056.  
 Kemmerer, Ralph R. 2,760,054.  
 Kirk, Walter B., Johnston, and Fay. 2,760,831.  
 Konrad, William L. 2,768,371.  
 Lazich, Branko. 2,754,500.  
 Lazich, Branko. 2,775,866.  
 Lihota, Joseph. 2,747,660, 830.  
 Lower, Carl F. 2,740,887.  
 Marlowe, Elbert W. 2,736,016.  
 Marlowe, Elbert W., and Lewis. 2,736,017.  
 Martin, Paul N. 2,754,413.  
 May, Harry C. 2,760,653.  
 McClure, Glenn T. 2,765,811.  
 McGowan, Kenneth J. J. 2,747,860.  
 McGowan, Kenneth J. J. 2,772,844.  
 McGuire, Richard R. 2,747,080.  
 McMahon, James E., Jr. 2,747,081.  
 McNabb, William L. 2,732,490.  
 Mills, Robert. 2,732,225.  
 Newell, George K. 2,741,340.  
 Newell, George K. 2,747,701.  
 Pascoe, Frank T. 2,768,287.  
 Pascoe, Frank T. 2,775,689.  
 Sekera, Charles J. 2,747,609.  
 Shirey, Frank W. 2,759,570.  
 Sorensen, Andrew J. 2,736,882.  
 Sorensen, Andrew J. 2,740,939.  
 Thompson, Howard A. 2,753,447.  
 Thompson, Howard A. 2,768,285.  
 Tizzard, Thomas W. 2,748,264.  
 Tizzard, Thomas W. 2,761,491.  
 Trebarne, Richard W., Jr. 2,753,550.  
 Tsiang, Sih H. 2,763,775.  
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- Westinghouse Brake and Signal Co. Ltd.: *See*—  
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 Walker, Alec H. B., and Lockett. 2,732,505.  
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- Westinghouse Electric Corp.: *See*—  
 Abell, Donald E. 2,752,554.  
 Abell, Donald E. 2,760,129.  
 Abell, Donald E. 2,774,031.  
 Abell, Donald E., and Oakes. 2,743,411.  
 Albert, Eugene F., and Moore. 2,748,329.  
 Applegate, Robert B., and Durrett. 2,756,782.  
 Ardizzone, Joseph R., and Harper. 2,771,856.  
 Arnot, Edward G. F., and Atkinson. 2,771,765.  
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 Bacher, Albert T. 2,763,824.  
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 Barrell, Robert F. 2,743,327.  
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 Beck, Edward F. W., and Opsahl. 2,763,818.  
 Beese, Norman C., and Henry. 2,765,416.  
 Berberich, Leo J., and Philofsky. 2,763,315.  
 Bichsel, Harry J. 2,757,296.  
 Bichsel, Harry J. 2,763,771.  
 Biehn, Gerald L. 2,751,143.  
 Bogdan, David A. 2,769,076.  
 Bonine, Ralph O., and Parker. 2,752,536.  
 Botts, John C., and Worthington. 2,757,298.  
 Boyer, John L., and Hagelick. 2,757,330.  
 Brenneck, William A., and Emerson. 2,761,543.  
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 Bright, Richard L. 2,773,132.  
 Brooks, Hamilton. 2,773,226.  
 Browne, Thomas E., Jr., and Strom. 2,733,316.  
 Brunner, Harry C., and Bradley. 2,748,340.  
 Buchanan, Leslie B. M. 2,742,766.  
 Buerer, Wayne W., and Neal. 2,766,580.  
 Byerley, Wilbur M. 2,739,575.  
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 Caplis, George W., Pliginsk, and Hierholzer. 2,769,156.  
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 Caterson, Alan G. 2,757,108.  
 Cellerini, Albert R. 2,769,066.  
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 Chamberlain, Lawrence E. 2,757,818.  
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 Chiles, John H., Jr. 2,739,001.  
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 Croco, Charles P., Jennings, Lester, and Steinert. 2,752,529.  
 Cress, William F. 2,749,535.  
 Currie, Gilbert. 2,747,616.  
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 Derr, Willard A., and Cham. 2,733,399.  
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 Dunlap, Charles M. 2,771,766.  
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 Eberhart, Arthur H. 2,753,585.  
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 Elsey, Howard M. 2,739,256.  
 Emerson, William A. 2,752,472.  
 Erbe, John R. 2,769,124.  
 Evans, William G. 2,739,282.  
 Evans, William G. 2,763,827.  
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 Farr, Kenneth E. 2,763,716.  
 Faught, Harold P. 2,732,559.  
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 Fegely, Hugh S. 2,769,123.  
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 Fisher, James A. 2,768,033.  
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 Friedrich, Robert E. 2,773,155.  
 Frink, Russell E. 2,740,021.  
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 Frisch, Erling. 2,752,546.  
 Frota, Frank V., and Sipe. 2,763,822.  
 Fromm, Kenneth N., and Miller. 2,763,715.  
 Gamberg, Edward R., and Ludwig. 2,772,989.  
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 Garbuny, Max, and Sheppard. 2,760,104.  
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 Gifford, Joseph H., and Malick. 2,769,129.  
 Glassburn, William E. 2,760,124.  
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 Hanna, Clinton R., Douglas, and Oplinger. 2,763,450.  
 Harding, William R. 2,747,254.  
 Harrison, John W. 2,759,891.  
 Hartwig, Edward C., and van Ness. 2,748,343.  
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 Hayford, Benjamin I., and Keck. 2,735,042.  
 Hein, Carl C. 2,747,971.  
 Heine, Thomas H., and Meister. 2,769,112.  
 Herchenroeder, Louis W., and Fisher. 2,740,078.  
 Hierholzer, Frank J., Jr., and Neulinger. 2,749,461.  
 Higley, Robert E. 2,734,979.  
 Horton, William F., and Taylor. 2,760,149.  
 Hull, Frederick C., Brace, Comenetz, and Cochardt. 2,743,199.  
 Hunt, William T., Jr., and Mathias. 2,773,229.  
 Hunt, William T., Jr., and Storey. 2,743,151.  
 Hutchinson, James O., and Taylor. 2,757,284.  
 Immel, Ralph B. 2,734,959.  
 Immel, Ralph B. 2,748,834.  
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 Jenkins, William D., Frank, and Zipay. 2,734,953.  
 Jensen, Clifford J. 2,763,828.  
 Jesse, Ralph D., and Killian. 2,735,077.  
 Johnson, Edwin R., and Plumb. 2,748,297.  
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 Johnston, Norman G., and Young. 2,768,798.  
 Jones, Charles H., and Carpenter. 2,757,301.  
 Kaufman, Louis W. 2,766,200.  
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 Kepple, Charles G. 2,739,881.  
 Kepple, Charles G., and Weltman. 2,768,923.  
 Kincaid, Homer F., Graham, Reynolds, and Wharf. 2,752,148.  
 Kindred, Raymond L. 2,759,992.  
 King, George E., and Fitzer. 2,743,405.  
 Koch, Gustav H. 2,729,889.  
 Koch, Gustav H. 2,761,983.  
 Kraft, Joseph K. 2,751,637.  
 Krenke, Vincent G., and Ellis. 2,763,821.  
 Kriss, Sylvester E., and Worthington. 2,763,798.  
 Laidig, Alfred H. 2,757,300.  
 Large, William E. 2,773,234.  
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 Leeds, Winthrop M. 2,752,460.  
 Lester, Ray V. 2,769,118.  
 Lewin, Gerhard, and Goldman. 2,743,387.  
 Lewis, Daniel W., and Philofsky. 2,739,638.  
 Ley, Gordon S. 2,763,807.  
 Lindsay, Edward W., and Yeoman. 2,743,309.  
 Lingal, Harry J. 2,769,063.  
 Lingal, Harry J., Browne, and Strom. 2,757,261.  
 Lingal, Harry J., and Frink. 2,774,971.  
 Longini, Richard L. 2,743,195.  
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 Longini, Richard L. 2,760,096.  
 Losco, Ezekiel F. 2,752,541.  
 Lowry, Lewis R., Jr., and Richards. 2,773,156.  
 Ludwig, Howard C. 2,758,186.  
 Lundahl, Walter N. 2,732,896.  
 MacNeill, John B., and Baker. 2,737,556.  
 MacNeill, John B., and Baker. 2,748,226.  
 MacNeill, John B., and Baker. 2,752,448.  
 MacNeill, John B., Florschutz, and Lentjes. 2,760,033.  
 MacNeill, John B., Leeds, and Baker. 2,734,973.  
 Malick, Franklin S. 2,735,060.  
 Malick, Franklin S. 2,773,235.  
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 Marbury, Ralph E., and Neri. 2,743,395.  
 Marks, Donald F. 2,773,233.  
 Martello, Norman E. 2,757,109.  
 Marx, Frederick T., and Hamilton. 2,763,963.  
 McAfee, Colin H., and Hopper. 2,770,764.  
 McBride, Byron V. 2,739,071.  
 McBride, Byron V. 2,739,085.  
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 McCloy, Graham S. 2,768,510.  
 McDonald, John E. 2,739,061.  
 McGowan, Michael E. 2,767,675.  
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 Meier, Ward M., and Lide. 2,773,255.  
 Meister, George. 2,744,072.  
 Miller, Coleman J. 2,773,215.  
 Miller, Theodore. 2,757,313.  
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 Miller, Theodore. 2,760,162.  
 Millington, John H. T. 2,775,069.  
 Moberly, Lawrence E. 2,739,254.  
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- Robison, Harold E., and Catallo. 2,766,565.
- Wallace, Donald J., and Catallo. 2,730,848.
- Wallace, Donald J., and Catallo. 2,730,851.
- Wallace, Donald J., and Catallo. 2,731,336.
- Wallace, Donald J., and Catallo. 2,770,925.
- Wheldon, William M., Jr.: *See—*
- Jensen, Louis P., and Wheldon. 2,769,663.
- Whelan, George M. Leveling device. 2,762,128, 9-11-56, Cl. 33-73.
- Whelan, James P. Adjustable camera mounting. 2,732,156, 6-24-56, Cl. 248-18.
- Wheldon, Robert J., E. Widdowson, and K. H. Wilkinson, to The M-O Valve Co. Ltd. Dispersed getter elements. 2,772,771, 12-4-56, Cl. 206-4.
- Wheller, Harry S., to L. J. Wing Mfg. Co. Rotating air distributing outlets. 2,741,971, 4-17-56, Cl. 98-40.
- Wheller, Harry S., to L. J. Wing Mfg. Co. Draft inducers. 2,773,639, 12-11-56, Cl. 230-117.
- Whelton, John M., to United Shoe Machinery Corp. In-seam trimming machines. 2,750,608, 6-19-56, Cl. 12-82.
- Wherry, Isaac M.: *See—*
- Borgerd, William F., Calling, and Wherry. 2,752,088.
- Whetstone, Cecil E. Putty applying device. 2,755,503, 7-24-56, Cl. 18-3.5.
- Whetstone, Richard R.: *See—*
- Ballard, Seaver A., and Whetstone. 2,773,895.
- Whetstone, Richard R., to Shell Development Co. Acetals of 2-formyl-6-alkoxytetrahydropyrans. 2,766,259, 10-9-56, Cl. 260-345.9.
- Whetstone, Richard R., and J. R. Scheibli, to Shell Development Co. Polymers of unsaturated esters of cyclohexanecarboxylic acids and compositions containing the same. 2,761,864, 6-19-56, Cl. 260-17.
- Whetstone, Richard R., and D. Harman, to Shell Development Co. Esters of phosphorus acids and process for the preparation of the same. 2,765,331, 10-2-56, Cl. 260-461.
- Whetstone, Richard R., and C. A. May, to Shell Development Co. Alkyl ester of phosphoric acids. 2,767,206, 10-16-56, Cl. 260-461.
- Whetstone, Richard R., and S. A. Ballard, to Shell Development Co. 1,2,6-hexanetriol. 2,768,213, 10-23-56, Cl. 260-695.
- Whewell, Robert, Jr.: *See—*
- Taylor, Ralph B., Sr., and Whewell. 2,744,545.
- Whiffen, Edwin J. Variable capacity pump. 2,730,952, 1-1-56, Cl. 103-37.
- Whildin, Orville M., and H. C. Steube. Mail box alarms. 2,759,057, 8-14-56, Cl. 200-61.63.
- Whinnery, John R., to Hughes Aircraft Co. Backward-wave oscillator mixer. 2,748,268, 5-29-56, Cl. 250-20.
- Whipple, John R., to Union Carbide and Carbon Corp. Direct current negative carbon electrode. 2,747,128, 5-22-56, Cl. 313-354.
- Whipple, Richard R. Hand swimming paddle. 2,745,119, 5-15-56, Cl. 9-21.
- Whipple, Richard R., to Western Electric Co., Inc. Coil winding apparatus. 2,773,651, 12-11-56, Cl. 242-4.
- Whipple, Stiles R., and J. R. Lake. Fogger. 2,759,292, 8-21-56, Cl. 43-129.
- Whipple, Willis Z.: *See—*
- Alsing, Carl F., and Whipple. 2,744,523.
- Whipple, Willis Z., to Chicago Eye Shield Co. Fume respirator with cannister having offset walls and ring mounting means. 2,744,524, 5-8-56, Cl. 128-146.
- Whipple, Willis Z., to Chicago Eye Shield Co. Respirator. 2,744,525, 5-8-56, Cl. 128-146.
- Whippo, Austin G. Foldable utility kit. 2,764,201, 9-25-56, Cl. 150-34.
- Whirlpool-Seeger Corp.: *See—*
- Alsing, Carl F. 2,744,523.
- Alsing, Carl F. 2,769,319.
- Anderson, Arthur A. 2,741,341.
- Baillif, Ernest A. 2,753,697.
- Beckett, Leo G., and Wolfert. 2,764,875.
- Borgerd, William F. 2,751,651.
- Borgerd, William F. 2,760,718.
- Borgerd, William F., Calling, and Wherry. 2,752,088.
- Borgerd, William F., and Jones. 2,749,724.
- Danna, Anthony J., Jr. 2,767,059.
- De Jarlais, Gordon M., Jr. 2,741,192.
- Derr, Elmer B., Dales, and Abrahamsen. 2,760,301.
- Duncan, Thomas W. 2,736,173.
- Duncan, Thomas W. 2,769,311.
- Geldhof, Peter E. 2,734,367.
- Geldhof, Peter E. 2,741,367.
- Geldhof, Peter E., and Morrison. Re. 24,235.
- Hinkel, Lester H. 2,773,677.
- Huetli, Richard F. 2,741,898.
- Kuhlschmidt, Donald, and Fowler. 2,769,320.
- Kuhlschmidt, Donald, and Vasseur. 2,760,353.
- McKeown, Edward P. 2,764,722.
- Morrison, Harold E. 2,751,488.
- Morrison, Harold E. 2,775,047.
- Petersen, Edgar G. 2,762,905.
- Prosek, John R. 2,758,447.
- Prosek, John R., and Palmer. 2,771,748.
- Scarlett, John A. 2,765,020.
- Schellin, Thomas G. 2,773,362.
- Sulek, Charles E. 2,764,785.
- Tillman, Harry L. 2,773,354.
- Wallenbrock, Ralph E. 2,750,065.
- Wallenbrock, Ralph E. 2,751,638.
- Wallenbrock, Ralph E. 2,758,449.
- Wallenbrock, Ralph E., and Palmer. 2,767,558.
- Walz, Walter L. 2,758,452.
- Warner, Milton Y. 2,767,903.
- Williams, S. J., Jr. 2,749,720.
- Williams, S. J., Jr. 2,751,760.
- Williams, S. J., Jr. 2,773,363.
- Wood, Rountree W., Jr. 2,767,555.
- Whisler, Ralph H., Jr., to The Gabriel Co. Shock absorber with rod seal. 2,753,958, 7-10-56, Cl. 188-100.
- Whisler, Thomas C., to American Brake Shoe Co. Slushing scraper with detachable ball arms. 2,743,540, 5-1-56, Cl. 37-147.
- Whisler, Thomas C., to American Brake Shoe Co. Slushing scraper. 2,763,074, 9-18-56, Cl. 37-147.
- Whistler, Lawrence V., Jr.: *See—*
- Whistler, Lawrence V., and S. A. 2,732,015.
- Whistler, Lawrence V., and S. A. 1/2 to L. V. Whistler and 1/2 to L. V. Whistler, Jr. Punch and die assembly. 2,732,015, 1-24-56, Cl. 164-94.
- Whistler, Sanford A.: *See—*
- Whistler, Lawrence V., and S. A. 2,732,015.
- Whitacre-Greer Fireproofing Co., The: *See—*
- Streblow, Albert G., and McCall. 2,751,776.
- Whitacre, John R.: *See—*
- Nack, Herman R., and Whitacre. 2,731,361.
- Nack, Herman R., and Whitacre. 2,736,788.
- Nack, Herman R., and Whitacre. 2,767,464.
- Whitaker, Arthur C.: *See—*
- Offutt, William C., and Whitaker. 2,744,056.



- Whitaker, Carl F.: *See*—  
Wood, Richard D., Jr., Thomson, and Whitaker. 2,740,457.
- Whitaker, James N. Swingable redwood-bark-peeling chisel having peeled-log-contacting guide. Re. 24,215, 9-11-56, Cl. 144-208.
- Whitaker, Ronald O. Electrically operated remote control system. 2,743,797, 5-1-56, Cl. 192-02.
- Whitaker, Randall: *See*—  
Stimpson, Edwin G., and Whitaker. 2,738,279.
- Whitbeck, Roland A., to Pennsylvania Salt Mfg. Co. Lubricating composition. 2,753,303, 7-3-56, Cl. 252-18.
- White, Leslie B., to R. H. Palmer Ltd. Appliance for use in forming separate compartments in cardboard units. 2,746,361, 5-22-56, Cl. 93-37.
- Whitcomb, Harry S. Snow remover. 2,752,701, 7-3-56, Cl. 37-130.
- Whitcomb, Keith R., to Cee-Bee Chemical Co., Inc. Apparatus for removing sealant from fuel tanks. 2,733,723, 2-7-56, Cl. 134-111.
- White, A. C.: *See*—  
Shehnutt, John M. 2,768,488.
- White, Adam W., to The Hoover Co. Foldable wringer washing machine. 2,750,784, 6-19-56, Cl. 68-247.
- White, Albert O., to General Electric Co. Apparatus for preventing relative motion between a shaft and a hub. 2,730,387, 1-10-56, Cl. 287-53.
- White, Allen A., to Hesston Mfg. Co., Inc. Retractable finger gripper for cylindrical feeders for combines. 2,748,921, 6-5-56, Cl. 213-211.
- White, Alonzo, III.: *See*—  
Callery, George L., and White. 2,737,972.
- White, Anthony E., to F. M. White. Utensil cleaner. 2,763,018, 9-18-56, Cl. 15-105.
- White, Blanche B.: *See*—  
Rosen, Leonard J., Pikor, and White. 2,740,776.
- White, Blanche B., G. M. Moelter, and L. J. Rosen, to Celanese Corp. of America. Preparation of organic acid esters of cellulose having an improved resistance to delustering. 2,775,055, 12-25-56, Cl. 260-230.
- White, Burnan M.: *See*—  
White, Ezekiel F. 2,768,743.
- White Cap Co.: *See*—  
Chaplin, George F. 2,748,970.
- White, Cecil F. Compresses. 2,732,792, 1-31-56, Cl. 100-25.
- White, Cecil F. Compresses. 2,743,667, 5-1-56, Cl. 100-232.
- White, Charles C.: *See*—  
Donaldson, Raymond E., and White. 2,743,193.
- White, Charles de B.: *See*—  
Matthew, Kenneth A., and White. 2,740,076.
- White, Charles de B., and K. A. Matthews, to International Standard Electric Corp. Crystal triodes. 2,770,762, 11-13-56, Cl. 317-235.
- White, Chester M., and A. W. Sawyer, to Genesee Research Corp. Hydraulic pressure transmitting fluid. 2,751,356, 6-19-56, Cl. 252-75.
- White, Claude. Beam clamp. 2,765,139, 10-2-56, Cl. 248-228.
- White, David C. Special course torpedo. 2,772,647, 12-4-56, Cl. 114-23.
- White, Donald H., to Phillips Petroleum Co. Production of granular mixed fertilizers from urea, acid anhydrides and ammonia. 2,742,027, 10-9-56, Cl. 71-29.
- White, Earl, to Westinghouse Electric Corp. Method and apparatus for loading flash lamps. 2,759,646, 8-21-56, Cl. 226-19.
- White, Edward A., Jr., to United Hoisting Co. Portable elevator. 2,757,755, 8-7-56, Cl. 187-2.
- White, Eric L.: *See*—  
Percival, William S., White, and Leyon. 2,754,482.
- White, Eric L. C., to Electric & Musical Industries Ltd. Television transmission systems. 2,753,394, 7-3-56, Cl. 178-74.
- White, Eric L. C., to Electric & Musical Industries Ltd. Apparatus for interspersing pulses in electrical signals. 2,755,335, 7-17-56, Cl. 178-74.
- White, Eric L. C., and P. F. T. C. Stillwell, to Electric & Musical Industries Ltd. Negative feedback amplifiers. 2,762,433, 6-26-56, Cl. 179-171.
- White, Eugene O. Atomizers. 2,744,790, 5-8-56, Cl. 299-88.
- White, Ezekiel F., deceased, by M. B. White and Hartford National Bank and Trust Co., co-executors; to The Poly Choke Co., Inc. Sorting devices for blanks or workpieces. 2,768,749, 10-30-56, Cl. 209-30.
- White, Fern M.: *See*—  
White, Anthony E. 2,763,018.
- White, Frank B., 45% to J. J. Woodruff. Gasket retainer for separable members. 2,745,521, 5-15-56, Cl. 189-36.
- White, Frank B., 5% to J. J. Butts, 5% to D. A. Grosenbaugh, and 10% to J. J. Woodruff. Rotary internal combustion engine. 2,762,346, 9-11-56, Cl. 123-15.
- White, Frank L.: *See*—  
Brooker, Leslie G. S., and White. 2,735,770.
- Brooker, Leslie G. S., and White. 2,739,964.
- White, Frank S., to The Dorr Co. Method of heat-treating fines in a coarse solids fluidized bed. 2,774,661, 12-18-56, Cl. 75-9.
- White, Fred L., to The Osgood Co. Gantry. 2,774,484, 12-18-56, Cl. 212-59.
- White, Frederick A., to General Electric Co. Multiple cartridge source for mass spectrometer. 2,756,341, 7-24-56, Cl. 250-41.9.
- White, Frederick G. Device for use in playing golf. 2,774,601, 12-18-56, Cl. 273-190.
- White, George. Monitoring devices. 2,756,288, 7-24-56, Cl. 179-175.2.
- White, Gerald, to Libbey-Owens-Ford Glass Co. Glass bending apparatus. 2,729,032, 1-3-56, Cl. 49-67.
- White, Gerald C. Ship propulsion and steering arrangement. 2,735,393, 2-21-56, Cl. 11-147.
- White, Gerard D., and C. H. Ashley, to Acco Products, Inc. Perforating devices. 2,764,240, 9-25-56, Cl. 164-91.
- White, Gifford E., and J. E. Shepherd, to Sperry Rand Corp. Fixed gun inter-aircraft fire control system. 2,737,652, 3-6-56, Cl. 343-7.3.
- White, Gilbert G. Field cotton scale and loading device. 2,756,984, 7-31-56, Cl. 265-52.
- White, Halbert C., and J. C. Vander Weele, to The Dow Chemical Co. Production of optically active aliphatic butyraldehyde. 2,757,199, 7-31-56, Cl. 260-603.
- White, Harold A., to The Weatherhead Co. Apparatus for snare tubes. 2,737,067, 3-6-56, Cl. 78-39.
- White, Harold A., to Bell Telephone Laboratories, Inc. Switching device. 2,759,371, 8-21-56, Cl. 74-567.
- White, Harry. Ventilator. 2,753,786, 7-10-56, Cl. 98-84.
- White, Harry J., to the United States of America as represented by the Secretary of the Navy. Reversing circuit for pushbutton modulator charge. 2,735,022, 2-14-56, Cl. 307-108.
- White, Herbert A., Jr. Wiper ring mountings for hot tops. 2,741,816, 4-17-56, Cl. 22-147.
- White, Herschel T., to Esso Research and Engineering Co. Addition of oxo bottoms to an acid sludge for stabilization and pumping ease. 2,768,130, 10-23-56, Cl. 196-148.
- White, Howard T. Motor driven pumps. 2,741,990, 4-17-56, Cl. 103-87.
- White, Howard T. Motor pump unit with axial gap motor. 2,752,912, 3-5-56, Cl. 103-87.
- White, Howard T., to D. P. Litzenger. Motor driven pumps. 2,753,806, 7-10-56, Cl. 103-87.
- White, Howard T. Motor driven pumps. 2,763,214, 9-18-56, Cl. 103-87.
- White, Howard W., to Esso Research and Engineering Co. Gravity filter. 2,732,947, 1-3-56, Cl. 278-39.
- White, Ivan J., and C. S. Harriman. Race tracks. 2,757,930, 8-7-56, Cl. 272-5.
- White, James C., to Eastman Kodak Co. Yarn structure. 2,750,653, 6-19-56, Cl. 28-81.
- White, James E., and S. N. Heaps, to Socony Mobil Oil Co., Inc. Shear wave seismic exploration. 2,740,489, 4-3-56, Cl. 181-5.
- White, James E., and J. A. Lee, to Socony Mobil Oil Co., Inc. System for generating horizontally polarized shear waves. 2,760,591, 8-28-56, Cl. 181-0.5.
- White, James S., to Fairchild Engine and Airplane Corp. Variable area turbine nozzle. 2,739,782, 3-27-56, Cl. 253-52.
- White, Joe, to General Motors Corp. Electromagnetic sound producing device. 2,740,959, 4-3-56, Cl. 340-388.
- White, Joe, and W. F. Brundage, to General Motors Corp. Electromagnetic diaphragm horn. 2,743,353, 5-29-56, Cl. 340-388.
- White, Joe, and W. F. Brundage, to General Motors Corp. Horn having a diaphragm vibrated by an electromagnetic motor. 2,749,542, 6-5-56, Cl. 340-403.
- White, John A., to Be-Gee Mfg. Co. Tiller implement frame. 2,741,773, 4-10-56, Cl. 97-243.
- White, John H., to Hagan Corp. Burette assembly. 2,744,663, 5-8-56, Cl. 222-207.
- White, John L. Adjustable bed construction for caskets. 2,729,875, 1-10-56, Cl. 27-12.
- White, John U. Infrared optical system. 2,729,143, 1-3-56, Cl. 88-105.
- White, John U. Optical system for reshaping beam of light. 2,749,793, 6-12-56, Cl. 88-1.
- White, John W., to Technical Oil Tool Corp. Wound clip applicator. 2,733,441, 2-7-56, Cl. 1-49.1.
- White, John W., to Technical Oil Tool Corp. Wound clip loader package. 2,758,302, 8-14-56, Cl. 1-56.
- White, John W. Master cylinder assembly for hydraulic brakes. 2,758,444, 8-14-56, Cl. 60-54.6.
- White, Jonathan S., and L. G. Kutzer, to the United States of America, as represented by the Secretary of the Army. Method of uniting terminals and conductive electrodes and bonding same to ceramic base. 2,752,663, 7-3-56, Cl. 29-25.42.
- White, Jonathan W., Jr.: *See*—  
Nash, Joseph, Willits, Porter, and White. 2,760,870.
- White, Joseph A.: *See*—  
Ingersoll, James H., White, Kovalick, Hegyi, Ruisard, and Levitt. 2,775,073.
- White, Joseph M. Anchor edge. 2,731,660, 1-24-56, Cl. 16-7.
- White, Joseph M. Stair anchor. 2,750,621, 6-19-56, Cl. 16-10.
- White, Joseph W. Anchor trim. 2,736,054, 2-28-56, Cl. 16-16.
- White, Kenneth H., to Ingersoll-Rand Co. Pressure controlled valve. 2,766,766, 10-16-56, Cl. 137-102.
- White, Leeds C., Jr., to The Dow Chemical Co. Concentrated herbicide compositions. 2,747,984, 5-29-56, Cl. 71-2.6.
- White, Leslie J.: *See*—  
Holman, Herbert E., and White. 2,732,288.
- White, Lyall B. Fuel burning air heater. 2,738,181, 3-13-56, Cl. 263-19.

- White, Lynn G.: *See—*  
Paxhia, Emanuel F., Metzger, and White. 2,744,575.  
Paxhia, Emanuel F., Metzger, and White. 2,744,577.  
White, Milton L. Fuel economizer. 2,757,654, 8-7-56, Cl. 125-119.
- White, Patrick J. Coat hanger. 2,738,908, 3-20-56, Cl. 223-89.
- White, Paul F.: *See—*  
Hansen, Gilbert H., Koertge, and White. 2,747,035.  
White, Paul F., to Parva Products Co. Buckle. 2,741,819, 4-17-56, Cl. 2-19.
- White, Philip. Inflatable brasserie. 2,741,769, 4-17-56, Cl. 2-42.
- White, Philip A.: *See—*  
Pinn, Robert R., and White. 2,746,066.
- White, Philip R., to General Motors Corp. Shell molding. 2,771,650, 11-27-56, Cl. 22-193.
- White, Ralph E., to Panellit Inc. High energy radiation meter. 2,756,347, 7-24-56, Cl. 250-83.6.
- White, Robert W., to Westinghouse Electric Corp. Siloxane coating composition and process for applying the same. 2,743,192, 4-24-56, Cl. 117-103.
- White, Roger L., to The Lawrence Paper Co. Container. 2,758,763, 8-14-56, Cl. 229-45.
- White, Roger L., to The Lawrence Paper Co. Container structure. 2,764,336, 9-25-56, Cl. 229-36.
- White, Roland J., to Boeing Airplane Co. Aircraft stabilizing control mechanism. 2,743,889, 5-1-56, Cl. 244-76.
- White, Roy, to Phillips Petroleum Co. Liquid level indicator. 2,753,885, 7-10-56, Cl. 137-414.
- White, Roy W., and H. E. Herrman, to General Electric Co. Concentric switch and thermostat control. 2,769,061, 10-30-56, Cl. 200-139.
- White, S. S. Dental Eng., to The: *See—*  
Leach, William F. 2,767,470.
- White, Samuel D.: *See—*  
Jeanne, Armand L., Keller, and White. 2,731,517.
- White, Samuel R., Jr., to General Electric Co. Electric furnace with carbonaceous atmosphere. 2,744,152, 5-1-56, Cl. 13-20.
- White Sewing Machine Corp.: *See—*  
Ayres, Waldemar A. 2,730,978.  
Ayres, Waldemar A. 2,731,929.  
Ayres, Waldemar A. 2,733,867.  
Ayres, Waldemar A. 2,746,407.  
Ayres, Waldemar A. 2,746,408.  
Ayres, Waldemar A. 2,760,458.  
Gough, Delores M. 2,767,673.  
Hamlett, Sidney J. 2,733,868.  
Hamlett, Sidney J. 2,764,366.  
Lerch, Carl J. 2,741,522.
- White, Stanley L. Trolley heads. 2,764,644, 9-25-56, Cl. 191-50.1.
- White, Walter L.: *See—*  
Yocke, Bernard A., Carter, and White. 2,770,882.
- White, Walter L., to Cadillac Window Corp. All purpose window. 2,758,345, 8-14-56, Cl. 20-62.
- White, Warren W., and D. L. Fischer, to Standard Coil Products Co. Inc. Printed circuit band switching television tuner. 2,759,098, 8-14-56, Cl. 250-20.
- White, Wilfrid O., & Sons, Inc.: *See—*  
Smith, John F. 2,767,385.
- White, William, to General Electric Co. Photoelectric control apparatus. 2,774,015, 12-11-56, Cl. 317-128.
- White, William E., to Bendix Aviation Corp. Power actuator for brake. 2,757,640, 8-7-56, Cl. 121-38.
- White, William E., to Bendix Aviation Corp. Brake assembly. 2,770,327, 11-13-56, Cl. 188-58.
- White, William E., and J. R. Clark, to said J. R. Clark and T. Somerville, III, as trustees. Pallets and containers for transporting brick and the like. 2,770,359, 11-13-56, Cl. 206-65.
- White, William E., and J. R. Clark, to said J. R. Clark and T. Somerville, III, as trustees. Divided pallet brick package. 2,771,989, 11-27-56, Cl. 206-65.
- White, William H., to The British Cast Iron Research Assn. Means for the extraction and ventilation of grinding wheels. 2,763,972, 9-25-56, Cl. 51-273.
- White, William J. Weighing device for baggage. 2,759,577, 8-21-56, Cl. 190-42.
- White, Woodrow W. Outboard motor carrier for vehicles. 2,746,627, 5-22-56, Cl. 214-450.
- Whitcar, Alten E., to Smith, Kline & French Laboratories. Literature nesting device. 2,742,281, 4-17-56, Cl. 270-35.
- Whitcar, Alten E., to Smith, Kline & French Laboratories. Tape sealing machine for packaging articles in thermoplastic tape. 2,747,351, 5-29-56, Cl. 53-141.
- Whitcar, Alten E., to Smith, Kline & French Laboratories. Apparatus for packaging wafer tablets. 2,747,352, 5-29-56, Cl. 53-139.
- Whitcar, Alten E., to Smith, Kline & French Laboratories. Device for applying printed matter to objects. 2,748,695, 6-5-56, Cl. 101-35.
- Whitcar, Alten E., to Smith, Kline & French Laboratories. Capsule closing apparatus. 2,762,181, 9-11-56, Cl. 53-299.
- Whitcar, Alten E., to Smith, Kline & French Laboratories. Labeling machine. 2,767,873, 10-23-56, Cl. 216-56.
- White Castle System, Inc.: *See—*  
Tansley, Leslie R. 2,772,937.
- Whited, Samuel L. Lawn trimmer. 2,764,927, 10-2-56, Cl. 97-227.
- Whitehall Pharmaceutical Co.: *See—*  
Arens, Egmont, 2,758,710.
- Whitehead Brothers Co.: *See—*  
Wallace, Burgess P., and Romney. 2,730,515.
- Whitehead, Calvert W., to Eli Lilly and Co. Process for production of pyrimidines. 2,774,760, 12-18-56, Cl. 200-256.4.
- Whitehead, Earl B.: *See—*  
Turner, Walter E., and Whitehead. 2,746,639.
- Whitehead, Frank, to Milners Safe Co. Ltd. Combination lock. 2,766,606, 10-16-56, Cl. 70-133.
- Whitehead, Frederick W., to The Bristol Aeroplane Co., Ltd. Polisher machines. 2,759,303, 8-21-56, Cl. 51-151.
- Whitehead & Kales Co.: *See—*  
Stough, Gerald D. 2,760,393.
- Whitehead, Gerald D. 2,761,510.
- Whitehead, Mary B. Foldable hat. 2,740,127, 4-3-56, Cl. 2-177.
- Whitehead, Thomas E. Disappearing lawn sprinklers. 2,744,786, 5-8-56, Cl. 299-61.
- Whitehead, Thomas E. Lawn sprinklers. 2,752,195, 6-26-56, Cl. 2-177.
- Whitehead, William, to Celanese Corp. of America. Apparatus for treating filamentary material. 2,762,330, 9-11-56, Cl. 118-33.
- Whitehead, William, to Celanese Corp. of America. Packaging apparatus for gun-containing explosives. 2,770,195, 11-13-56, Cl. 102-97.
- Whitehead, William G., Jr.: *See—*  
Wagner, George H., and Whitehead. 2,752,379.
- Whitehill, Albert J. Dirt guards. 2,770,399, 11-13-56, Cl. 166-65.
- Whitehill, Lynwood N.: *See—*  
Taylor, Robert S., and Whitehill. 2,738,339.
- Whitehill, Richard W.: *See—*  
Taylor, Robert S., and Whitehill. 2,735,693.
- Whitehouse, David R.: *See—*  
Replogle, Frank S., Jr., and Whitehouse. 2,756,345.
- Whitehouse, Irving P., F. E. Kendall, and P. Golar, to Republic Steel Corp. Process of enameling steel. 2,748,066, 5-29-56, Cl. 200-34.
- Whitehouse, Zebulon W., O. M. Schulze, and H. F. Fischer, to Republic Steel Corp. Furnace charging apparatus. 2,757,806, 8-7-56, Cl. 214-239.
- Whitehurst, Harry B., and W. H. Otto, to Owens-Corning Fiberglass Corp. Method of coating glass filaments with metal. 2,772,518, 12-4-56, Cl. 49-77.
- Whitehurst, Harry B., and W. H. Otto, to Owens-Corning Fiberglass Corp. Glass composition and metal coated glass. 2,772,987, 12-4-56, Cl. 117-126.
- Whitehurst, Joe R., to Ideal Industries, Inc. Everer for drafting mechanisms. 2,738,554, 3-20-56, Cl. 19-130.
- Whitehurst, Joe R., to Ideal Industries, Inc. Everer pressure means for drafting mechanisms. 2,738,555, 3-20-56, Cl. 19-135.
- Whitehurst, Joe R., to Ideal Industries, Inc. Spring pressure means for drafting mechanisms. 2,766,487, 10-16-56, Cl. 19-135.
- Whitelaw, Alan R. Machines for grinding the ends of coiled springs and other articles. 2,753,667, 7-1-56, Cl. 51-113.
- Whitely, Ralph V. Releaseable lock for a compensating tongue unit of a logging truck and trailer combination. 2,733,935, 2-7-56, Cl. 280-477.
- Whitely, Richard L., to Radio Corp. of America. Magnetic switching circuit. 2,742,832, 4-17-56, Cl. 340-174.
- Whitener, Philip C., and G. H. Cheney, to Boeing Airplane Co. Pressure averaging device. 2,761,319, 9-4-56, Cl. 73-420.
- Whitenight, Harvey A.: *See—*  
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- Whitessell, Harry. Grinding and polishing and the like. 2,770,082, 11-13-56, Cl. 51-141.
- Whitessell, Harry, and M. Mathew. Band type metal finishing and grinding machines, and the like. 2,757,490, 8-7-56, Cl. 51-148.
- Whiteside, Arthur L.: *See—*  
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- Whitfield, Richard H. Body supporting and bathing device. 2,770,812, 11-20-56, Cl. 4-145.
- Whitfield, Joseph E., to Read Standard Corp. Shaft seal. 2,732,332, 1-24-56, Cl. 286-9.
- Whitfield, Marshall G., and V. Sheshunoff, to Whitfield & Sheshunoff, Inc. Method of producing a porous metal coat on a composite. 2,752,265, 6-26-56, Cl. 117-65.
- Whitfield, Marshall G., and V. Sheshunoff, to Whitfield & Sheshunoff, Inc. Process of making aluminum coated ferrous bodies. 2,752,268, 6-26-56, Cl. 117-114.
- Whitfield & Sheshunoff, Inc.: *See—*  
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Whitfield, Marshall G., and Sheshunoff. 2,752,268.
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- Whitin Machine Works: *See—*  
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- Whiting, Arthur A., Jr., R. J. Trudell, and H. L. Glass, to the United States of America as represented by the Secretary of the Navy. Controllable dispersal device. 2,730,402, 1-10-56, Cl. 299-30.



- Whiting Corp.: *See—*  
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- Whiting, Frank E.: *See—*  
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- Whittingham, John C., and P. W. Nichols. Automatic safety reel for airplane pilots. 2,732,149, 1-24-56, Cl. 242-107.
- Whitley, Charlie H. Sr. Loom feeler mechanism. 2,736,342, 2-28-56, Cl. 139-270.
- Whitlock, Alan C. Running shoe. 2,758,394, 8-14-56, Cl. 36-2-5.
- Whitlock, Carl H. Hopper loaders. 2,774,636, 12-18-56, Cl. 302-17.
- Whitlock, Fred W., to Aquamatic Inc. Water treatment apparatus of the lime soda type. 2,749,304, 6-5-56, Cl. 210-22.
- Whitlock, Robert A., Jr., to Automatic Pump & Softener Corp. Electrical timer. 2,742,340, 4-17-56, Cl. 200-38.
- Whitlock, Robert A., Jr., and J. E. Dymond, to Aquamatic Inc. Water treatment apparatus. 2,755,246, 7-17-56, Cl. 210-24.
- Whitlow, Eugene P., to Servel, Inc. Absorption refrigeration apparatus. 2,729,952, 1-10-56, Cl. 62-119.
- Whitlow, Eugene P., to Servel, Inc. Absorption refrigeration apparatus. 2,751,759, 6-26-56, Cl. 62-119.
- Whitlow, Eugene P., to Servel, Inc. Refrigeration. 2,765,634, 10-9-56, Cl. 62-119.
- Whitlow, Miles F. Fishing rod holder. 2,756,954, 7-31-56, Cl. 248-42.
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- Whitman, Hyman L., deceased, by T. I. Whitman, administrator, to The B. F. Goodrich Co. Foot corrective member. 2,769,253, 11-6-56, Cl. 36-71.
- Whitman, Lawrence C., to General Electric Co. Vaporization-forced liquid cooled transformer. 2,774,807, 12-18-56, Cl. 174-15.
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- Whitman, Tina I.: *See—*  
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- Whitmore, Harry E., and A. E. Hoffman, to Universal Oil Products Co. Stabilization of rubber by adding thereto 1,7-dihydronaphthalene. 2,752,408, 6-26-56, Cl. 260-810.
- Whitmore, John L., to The National Metropolitan Bank, as trustee. Vertically adjustable plow. 2,755,723, 7-24-56, Cl. 97-91.
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- Whitmore, Raymond A., to Lane-Wells Co. Bullet velocity measurement. 2,755,439, 7-17-56, Cl. 324-70.
- Whitnall, Sumner T. Apparatus for dispensing beer. 2,749,930, 6-12-56, Cl. 157-212.
- Whitner, Thomas C. Process of coating and dyeing textile fibers and resultant article. 2,733,975, 2-7-56, Cl. 8-18.
- Whitney, Baxter D., & Son, Inc.: *See—*  
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- Sperzel, Robert H. 2,730,685.
- Stevens, Charles H., Jr. 2,742,622.
- Stevens, Charles H., Jr. 2,742,624.
- Whitney, Byrl A. Lawn mower. 2,734,327, 2-14-56, Cl. 56-25-4.
- Whitney, Gordon E.: *See—*  
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- Rabenda, Edward J., and Whitney. 2,750,580.
- Whitney, Gordon E., to International Business Machines Corp. Magnetic core storage for business machines. 2,773,444, 12-18-56, Cl. 101-86.
- Whitney, Junior W.: *See—*  
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- Whitney, Loren L., to American Steel Foundries. Welded truck brake beam. 2,757,764, 8-7-56, Cl. 188-223.1.
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- Whitney, Lyman F.: *See—*  
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- Whitney, Lyman F., to Stator Co. Two fluid refrigeration system. 2,729,071, 1-3-56, Cl. 62-126.
- Whitney, Lyman F., and W. P. Matthew, to Isthmian Metals, Inc. Crankshaft and method of making the same. 2,741,932, 4-17-56, Cl. 74-597.
- Whitney, Maurice P., to Bendix Aviation Corp. Engine cooling fan drive gearing. 2,771,792, 11-27-56, Cl. 74-752.
- Whitney, Nicholas E., to Radiant-Aire Corp. Recirculating registers. 2,734,445, 2-14-56, Cl. 98-38.
- Whitney, Paul C.: *See—*  
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- Whitney, William B., to Phillips Petroleum Co. Apparatus for separating components of an organic mixture. 2,738,880, 3-20-56, Cl. 210-197.
- Whitney, William B., to Phillips Petroleum Co. Lubricating oil additives and process of making same. 2,758,069, 8-7-56, Cl. 196-142.
- Whitney, William B., to Phillips Petroleum Co. Adsorption process for separating elementary sulfur from sulfurized diaryl alkanes. 2,771,465, 11-20-56, Cl. 260-139.
- Whitney, William B., and W. N. Axe, to Phillips Petroleum Co. Lubricants. 2,773,038, 12-4-56, Cl. 252-48.8.
- Whitton, J. R., and R. J. Byers, to Chicago Mill and Lumber Co. Crated cabinet. 2,768,738, 10-30-56, Cl. 206-46.
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- Whittaker, Wm. R., Co. Ltd.: *See—*  
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- Whitward, Arthur W., to F. K. Dole. Golf ball mold cutting machine. 2,767,622, 10-23-56, Cl. 90-13.7.
- Whittemore, Harold H.: *See—*  
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- Whittemore, Jack: *See—*  
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- Whittemore, Leslie E., and R. M. Smith. Combined extractor and telescope cam plate. 2,768,461, 10-30-56, Cl. 42-25.
- Whittemore, Osmond J., Jr., to Norton Co. Zircon refractories. 2,746,874, 5-22-56, Cl. 106-57.
- Whitton, Owen M., to Kelsey-Hayes Wheel Co. Lubricating seal. 2,757,947, 8-7-56, Cl. 288-4.
- Whittenberg, George R. Work supporting means for centerless grinders. 2,775,077, 12-25-56, Cl. 51-236.
- Whittick, William W. Shower receptor. 2,757,385, 8-7-56, Cl. 146-6.
- Whittier, Fred, and R. J. Lawn, to Pittsburgh Coke & Chemical Co. Coating compositions containing coal tar pitch and an epoxy ether resin. 2,765,288, 10-2-56, Cl. 260-28.
- Whittington, Clarence A., 1/2 to C. C. Canaday, Sr., C. C. Canaday, Jr., and H. E. Canaday. Cultivator. 2,767,632, 10-23-56, Cl. 97-54.
- Whittington, Lloyd R., to The National Latex Products Co., Inc. Method and apparatus for inflating hollow articles of elastic material. 2,732,986, 1-31-56, Cl. 226-20.
- Whittington Pump & Engineering Corp.: *See—*  
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- Whittington, William E., to Collins Radio Co. Apparatus for electrolytically tuning an end wire fixture. 2,746,918, 5-22-56, Cl. 204-222.
- Whittle, Benjamin, Jr. Misfire indicator for internal combustion engines. 2,766,441, 10-9-56, Cl. 340-239.
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- Whittle, William F. Hobby horse. 2,770,290, 11-13-56, Cl. 155-50.
- Whitless, Curtis C., to General Motors Corp. Instrument panel indicator. 2,749,541, 6-5-56, Cl. 340-381.
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- Whitum, Warren C., to Farrell-Birmingham Co., Inc. Methods of rolling sheet material. 2,732,591, 1-31-56, Cl. 19-35.
- Whitum, Warren C., to Farrell-Birmingham Co., Inc. Method of and apparatus for grinding gears. 2,736,994, 3-6-56, Cl. 51-142.
- Whitwell, Oren E. Magnetic memo holders. 2,770,472, 11-13-56, Cl. 281-15.
- Whitworth, Edward: *See—*  
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- Whyman, Walter W., to American Telephone and Telegraph Co. Electrostatic probe. 2,759,144, 8-14-56, Cl. 324-20.
- Wysall, William A., to Newey Brothers Ltd. Hair curler. 2,764,167, 9-25-56, Cl. 132-42.
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- Wiberg, Frans M. Process for reducing oxidic ores. 2,767,080, 10-16-56, Cl. 75-92.
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- Wible, Paul E., Jr. Voltage regulated alternating current filter. 2,755,288, 8-7-56, Cl. 333-70.
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- Wichmann, Wilhelm. Measuring instrument. 2,770,046, 11-13-56, Cl. 33-143.
- Wick, Richard M., to Bethlehem Steel Co. Electrolytic treatment of metal surfaces. 2,753,199, 1-31-56, Cl. 204-4-56.
- Wick, Richard M., and H. B. Francisco, to Bethlehem Steel Co. Contact roll for electrolytic tin lines. 2,754,485, 7-10-56, Cl. 339-5.
- Wicker, Dan B., to American Cyanamid Co. Spinner head. 2,732,555, 1-31-56, Cl. 20-8.
- Wicker, Dan B., to American Cyanamid Co. Spinneret. 2,736,920, 3-6-56, Cl. 18-8.
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- Wickham, Lyndel J., and C. C. Kuehner, to the United States of America as represented by the Secretary of Agriculture. Nutritive yeast products. 2,764,487, 9-25-56, Cl. 99-96.
- Wickham, William R., to Westinghouse Electric Corp. Electric control for alternating-current motor. 2,774,923, 12-18-56, Cl. 318-202.
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- Wickham, James M.: *See*—  
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- Wickham, Parker, Gibbs, and Research Corp. Apparatus for testing timers or the like. 2,743,603, 5-1-56, Cl. 73-5.
- Wickland, Algot A. Sand conditioning apparatus. 2,735,662, 2-21-56, Cl. 259-68.
- Wickland, Algot A. Wet type dust collector. 2,736,390, 2-28-56, Cl. 183-22.
- Wicklatz, John E., and J. F. Howe, to Phillips Petroleum Co. Stable unsaturated organic-sulfur dioxide resins containing an ester of tetraphosphoric and trithiophosphoric acid and method of preparing the same. 2,735,832, 2-21-56, Cl. 260-45.7.
- Wicklatz, John E., and J. F. Howe, to Phillips Petroleum Co. Stable unsaturated organic-sulfur dioxide resins containing a salt of an ester of dithiophosphoric and method of preparing the same. 2,735,835, 2-21-56, Cl. 260-45.75.
- Wicklatz, John E., and J. F. Howe, to Phillips Petroleum Co. Amides as stabilizers for polysulfone resins. 2,758,982, 1-14-56, Cl. 260-29.2.
- Wicklund, Arnold T., to Buckbee-Mears Co. Method of making photo-printing plates. 2,757,087, 7-31-56, Cl. 95-5.
- Wickman, Axel C. Hydraulic clutch. 2,730,218, 1-10-56, Cl. 192-61.
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- Wickman, Lester F. Plug valve. 2,746,712, 5-22-56, Cl. 251-109.
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- Widell, George M., to Bendix Aviation Corp. Temperature compensating device. 2,736,501, 2-28-56, Cl. 236-99.
- Widemann, Ernst, to The Oilgear Co. Hydraulic transmission having dithering means. 2,743,582, 5-1-56, Cl. 60-53.
- Widener, Owen M. Ceiling nailer. 2,767,399, 10-23-56, Cl. 1-47.
- Wideroe, Rolf, to Aktiengesellschaft Brown, Boveri & Cie. Reversible motor control system for regulating a variable. 2,753,503, 7-3-56, Cl. 318-281.
- Wideroe, Rolf, to Aktiengesellschaft Brown, Boveri & Cie. Magnetic induction accelerator. 2,754,419, 7-10-56, Cl. 250-27.
- Wideröe, Rolf, to Aktiengesellschaft Brown, Boveri & Cie. Tri-vibrator trigger circuit. 2,759,111, 8-14-56, Cl. 307-88.5.
- Widess, Moses B., to Stanolind Oil and Gas Co. Planting seismometers. 2,755,879, 7-24-56, Cl. 181-5.
- Widiger, Alexander H., Jr., to The Dow Chemical Co. Method of making trichlorophenol mixtures which are rich in the  $\gamma$ -isomer. 2,758,260, 7-24-56, Cl. 260-623.
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- Widmer, Alfred E., and E. W. Greenfield, to Anaconda Wire and Cable Co. Cathaporetic separation of impurities from liquids. 2,762,770, 9-11-56, Cl. 204-180.
- Widmer, Ernst, to Land & G. G. Instrument servo-motor for trigonometric amplification in measuring apparatus and the like. 2,755,680, 7-24-56, Cl. 74-388.
- Widmer, Gustav: *See*—  
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- Widmer, Gustav, and P. Zuppinger, to Ciba Ltd. Oxidatively drying preparations and products made therefrom. 2,764,574, 9-25-56, Cl. 260-67.6.
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- Wied, Julius P. Disposable dust bag for vacuum cleaner. 2,752,002, 9-26-56, Cl. 183-51.
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- Wiedemann, Edwin, to Sandoz G. Centrifugal lubricating system. 2,768,081, 10-9-56, Cl. 308-168.
- Wiedemann, Eugen, to Aktiengesellschaft Brown, Boveri & Cie. Generator rotor with a damping winding. 2,750,523, 6-12-56, Cl. 310-183.
- Wiedemann, Geo. Brevin Co., Inc., The: *See*—  
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- Wiegand, Clyde E., and O. Chamberlain, to the United States of America as represented by the United States Atomic Energy Commission. Distributed pulse height discriminator. 2,736,801, 2-28-56, Cl. 250-227.
- Wiegand, David E., to McGraw Electric Co. Electro-magnetic capacitive device. 2,764,732, 9-25-56, Cl. 323-117.
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- Wiegel, Carol M.: *See*—  
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- Wiegel, Louis A., and D. W.: *See*—  
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- Wiegiers, Irvin E., to Hamilton-Thomas Corp. Differential float valve. 2,739,610, 3-27-56, Cl. 137-417.
- Wiegiers, Irvin E., to Hamilton Thomas Corp. Valve with lever system having an adjustable fulcrum. 2,753,146, 7-56, Cl. 25-28.
- Wiegiers, Irvin E., and H. E. Davis, to Hamilton-Thomas Corp. Zero scale spring. 2,744,748, 5-8-56, Cl. 267-1.
- Wiegiersma, Sles: *See*—  
Lips, Eduard M. H., and Wiegiersma. 2,734,243.
- Wiegman, Clarence H., D. S. King, A. W. Rickenbach, and P. G. Rohm, to Arco Mfg. Co. Self-propelled power unit for driving large power consuming devices. 2,764,247, 9-25-56, Cl. 180-53.
- Wieland, Hans, to Wieland Werke A. G. Continuous casting of metals. 2,772,459, 12-4-56, Cl. 22-200.1.
- Wieland, John A.: *See*—  
Paris, Robert E., and Wieland. 2,746,548.
- Wieland, Peter: *See*—  
Miescher, Karl, and Wieland. 2,734,056.
- Wieland Werke A. G.: *See*—  
Wieland, Hans. 2,772,459.



- Wielandt, Friedrich. Rain protective head gear. 2,766,457, 10-16-56, Cl. 2-177.
- Wiemers, Frank C. Stringer and planter. 2,753,661, 7-10-56, Cl. 47-1.
- Wien, Ronald, J. N. Ashley, and W. G. Leeds, to May & Baker Ltd. Bis-quaternary ammonium salts. 2,731,500, 1-17-56, Cl. 260-567.6.
- Wiener, Henry. Wide vision mirror. 2,763,187, 9-18-56, Cl. 88-86.
- Wiener, Fritz O. Method and a rotary kiln for the manufacture of sponge iron. 2,754,197, 7-10-56, Cl. 75-36.
- Wierk, Frederick. Coupling for preventing electrolytic corrosion. 2,740,000, 3-27-56, Cl. 174-138.
- Wierman, Clyde H., 50% to A. Giargiari. Sandal with means for detachably attaching an outer sole thereto. 2,750,685, 6-19-56, Cl. 36-15.
- Wiersch, Henry E. *See*—
- Schmid, Frank R. 2,767,605.
- Wiese, Herbert K. *See*—
- Banes, Fred W., Nelson, and Wiese. 2,758,988.
- Wiese, Herbert K., to Esso Research and Engineering Co. Process for preparing 1,5 primary dichloroalkanes. 2,741,642, 4-10-56, Cl. 260-658.
- Wiesen, Bernard. Color television systems. 2,731,511, 1-17-56, Cl. 178-54.
- Wiesener, Henry. Weather roof. 2,742,252, 4-17-56, Cl. 224.
- Wiesenfeld, Leo. Attachment for fur sewing machines. 2,750,056, 1-10-56, Cl. 112-20.
- Wieser, Clarence C. *See*—
- Odum, William H., Hosford, and Wieser. 2,740,437.
- Odum, William H., Hosford, and Wieser. 2,771,103.
- Wiesinger, Frederick C., to Jacquard Knitting Machine Co., Inc. Cam means for knitting machines. 2,743,595, 5-1-56, Cl. 66-50.
- Wiesmann, Joseph W., to H. H. Robertson Co. Electrical floor fitting. 2,738,892, 3-20-56, Cl. 220-3.3.
- Wiesmann, Joseph W., to H. H. Robertson Co. Identification circuit for the wiring cells of a floor. 2,764,886, 10-2-56, Cl. 72-16.
- Wiesner, Alfred, to Wisbar Corp. Defrosting mechanism. 2,761,398, 9-4-56, Cl. 107-8.
- Wiesner-Rapp Co. Inc. *See*—
- Arnold, Walter W. 2,736,183.
- Duboscq, Paul P. M. 2,753,244.
- Stevens, Robert. 2,738,087.
- Wieting, Merlin A. Adjustable guard and depth gauge for a power operated disc saw. 2,741,282, 4-10-56, Cl. 144-136.
- Wietzel, Karl F. *See*—
- Lewis, Robert D., and Wietzel. 2,774,593.
- Wietzel, Karl F., W. V. Dovenbarger, and H. La Tour, to Armco Steel Corp. Strip welding machine. 2,743,692, 5-1-56, Cl. 113-59.
- Wiget, Georg, to Societe Anonyme Adolphe Saurer. Weft separator for drop box looms. 2,743,744, 5-1-56, Cl. 139-170.6.
- Wiggins, John M., to General Motors Corp. Protective filtering system. 2,734,523, 2-14-56, Cl. 137-238.
- Wiggin, Frederick A. Tooth power applicator. 2,767,745, 10-23-56, Cl. 141-328.
- Wiggins, Alpha M., to Electro Voice, Inc. Piezoelectric device. 2,735,025, 2-14-56, Cl. 810-8.5.
- Wiggins, Clyde E., to Stone Mountain Grit Co., Inc. Feed box. 2,746,665, 5-22-56, Cl. 229-7.
- Wiggins, E. B., Oil Tool Co., Inc. *See*—
- Leavell, Ira A. 2,773,706.
- Wiggins, John H. Method and mechanism for building tank side walls. 2,746,137, 5-22-56, Cl. 29-429.
- Wiggins, John H. Vent valve for gas and/or liquid storage. 2,746,483, 5-22-56, Cl. 137-493.
- Wiggins, John H. Pontoon type floating tank roof. 2,750,067, 6-12-56, Cl. 220-26.
- Wiggins, John H. Sealing mechanism for floating tank roofs. 2,754,026, 7-10-56, Cl. 220-26.
- Wiggins, John H. Dry seal piston type gas holder. 2,756,132, 6-24-56, Cl. 48-176.
- Wiggin, Leslie B. Process for the descaling of sugar factory evaporators and other heat transfer equipment. 2,774,694, 12-18-56, Cl. 134-13.
- Wiggins, Walter, Jr. Undersea salvage vessels. 2,754,790, 7-17-56, Cl. 114-53.
- Wigman, John H. Fallen plank pick-up attachment for combines. 2,737,770, 3-13-56, Cl. 56-98.
- Wight, Delano, and J. L. Brady, to Clark Equipment Co. Industrial truck attachment. 2,760,661, 8-28-56, Cl. 214-620.
- Wight, William A., to Janette Electric Mfg. Co. Clutch apparatus. 2,753,030, 7-3-56, Cl. 192-103.
- Wightman, Lawrence W., to General Electric Co. Machine support. 2,740,073, 3-27-56, Cl. 317-2.
- Wightman, Lawrence W., to General Electric Co. Dynamo-electric machine rotor member. 2,750,321, 6-12-56, Cl. 210-54.
- Wightman, Lawrence W., to General Electric Co. Shaft bearing. 2,751,265, 6-19-56, Cl. 308-132.
- Wightman, Lawrence W., to General Electric Co. Shaft bearing. 2,752,208, 6-26-56, Cl. 308-171.
- Wightworth, Humphrey D. *See*—
- Thompson, Herbert D., and Wightworth. 2,746,092.
- Wilmington, Everett E., and A. G. Nichols. Pistol mount for shooting tests. 2,731,829, 1-24-56, Cl. 73-167.
- Wiglesworth, Victor T. Calipers. 2,749,621, 6-12-56, Cl. 33-148.
- Wigner, Eugene P. *See*—
- Ohlinger, Leo A., Wigner, Young, and Weinberg. 2,743,225.
- Wigner, Eugene P., L. A. Ohlinger, G. J. Young, and A. M. Weinberg, to the United States of America as represented by the United States Atomic Energy Commission. Reactors. 2,736,696, 2-28-56, Cl. 204-193.
- Wigner, Eugene P., L. A. Ohlinger, G. J. Young, and A. M. Weinberg, to the United States of America as represented by the United States Atomic Energy Commission. Heavy water moderated neutronic reactor. 2,770,551, 11-13-56, Cl. 204-193.
- Wigton-Abbott Corp. *See*—
- Hendel, Frank J. 2,737,298.
- Hendel, Frank J. 2,754,175.
- Sawerwine, Elbert C. 2,772,947.
- Wigton, Henry F. Distillation of volatile matters of carbonaceous materials. 2,768,937, 10-30-56, Cl. 196-75.
- Wiig, Arnold. *See*—
- Thomstad, Magne V., and Wiig. 2,741,694.
- Wiig, Chester M. *See*—
- Littell, Frederick M., and Wiig. 2,758,837.
- Wiig, Chester M., to F. J. Littell Machine Co. Coil ramp with movable release saddle. 2,737,306, 3-6-56, Cl. 214-130.
- Wiig, Chester M., to F. J. Littell Machine Co. Intermittent feeding and cutting machine with varying means. 2,756,994, 7-31-56, Cl. 271-2.4.
- Wiig, Chester M., and F. M. Littell, to F. J. Littell Machine Co. Mechanical speed variator for continuous strip feeding. 2,753,183, 7-3-56, Cl. 271-2.3.
- Witala, Edwin S. *See*—
- Kridel, Donald J., Witala, and Stampfli. 2,759,823.
- Wibman, Jan, to Hartford National Bank and Trust Co., as trustee. Beel for tapes, films and the like. 2,746,692, 5-22-56, Cl. 242-70.
- Wijn, Henricus P. J. *See*—
- Went, Jan J., and Wijn. 2,754,172.
- Wijnberg, Simon *See*—
- Honing, Wilhelm, and Wijnberg. 2,740,281.
- Wiker, Arthur J., Jr., to Manheim Mfg. and Belting Co. Drive belts. 2,756,604, 7-31-56, Cl. 74-233.
- Wikkenhauser, Gustav, to Kelvin & Hughes Ltd. Gyroscopic apparatus. 2,737,815, 3-13-56, Cl. 74-5.7.
- Wikkerink, Lance A., to Treadway Corp. Automatic door operator. 2,758,835, 8-14-56, Cl. 268-34.
- Wikle, George F., to United States Rubber Co. Bias cutter. 2,733,766, 2-7-56, Cl. 164-34.
- Wikle, Richard H. Ventilated plastic bag. 2,774,402, 12-18-56, Cl. 150-1.
- Wiktor, Dominik. Single burner turbojet engine. 2,748,563, 6-5-56, Cl. 60-35.6.
- Wilmowski, Norbert J., 1/2 to L. L. Glidden. Coffee dispensers. 2,754,081, 7-10-56, Cl. 249-62.
- Wiland, Julius. *See*—
- Masci, Joseph N., Ashton, and Wiland. 2,773,000.
- Wilber, Evan W., to Portable Electric Tools, Inc. Air compressors. 2,759,665, 8-21-56, Cl. 230-235.
- Wilbert, Godfrey, to Nepera Chemical Co., Inc. Separation of nicotineamide from its isomers. 2,750,391, 6-12-56, Cl. 260-295.5.
- Wilbess Research Labs, Inc. *See*—
- William, Richard E. 2,746,334.
- Wilborn, John C. Means for balancing wheels. 2,737,420, 3-6-56, Cl. 301-5.
- Wilbro Corp. *See*—
- Geisler, William, and Morton. 2,732,995.
- Wilbur, Donald A. *See*—
- Nelson, Richard B., and Wilbur. 2,748,280.
- Peters, Philip H., Jr., and Wilbur. 2,774,039.
- Wilbur, Donald A., to General Electric Co. Magnetron amplifier. 2,748,279, 5-29-56, Cl. 250-36.
- Wilbur, Donald A., and P. H. Peters, Jr., to General Electric Co. Magnetron amplifier. 2,747,031, 5-22-56, Cl. 179-171.
- Wilbur, Lyman D., and M. M. Mason; said Mason assor, to Noble Co. Tunnel breasting jumbo. 2,757,515, 8-7-56, Cl. 61-85.
- Wilchinsky, Zigmond R. *See*—
- Guy, Walter R. F., Wilchinsky, and Thorm. 2,739,946.
- Wilchinsky, Zigmond W. Measuring device. 2,775,692, 12-25-56, Cl. 250-27.
- Wilckens, Eibe A., to Crown Cork & Seal Co., Inc. Closure cap element feeding apparatus. 2,769,419, 11-6-56, Cl. 11-11.
- Wilckens, Eibe A., to Crown Cork & Seal Co., Inc. Tube handling apparatus. 2,770,083, 11-13-56, Cl. 53-76.
- Wilckens, Eibe A., H. A. Rau, and H. J. Seifert, to Crown Cork & Seal Co., Inc. Ejector mechanism for cap assembly apparatus. 2,749,868, 6-12-56, Cl. 113-50.
- Wilckens, Eibe A., and W. W. Ackerman, to Crown Cork & Seal Co., Inc. Article handling and counting apparatus. 2,760,315, 8-28-56, Cl. 53-59.
- Wilckens, Eibe A., and C. C. Stoll, to Crown Cork & Seal Co., Inc. Article handling apparatus. 2,760,678, 8-28-56, Cl. 221-212.
- Wilcock, Donald F., to General Electric Co. High speed thrust bearing structure. 2,731,305, 1-17-56, Cl. 308-73.
- Wilcock, Donald F., to General Electric Co. Self-aligning thrust bearing structure. 2,731,308, 1-17-56, Cl. 308-160.
- Wilcolator Co., The. *See*—
- Malone, Homer F. 2,734,159.
- Wilcox, Clinton E. *See*—
- Higbet, Hugh S., and Wilcox. 2,737,707.

- Wilcox, Clinton S., to General Railway Signal Co. Train speed control system. 2,762,464, 9-11-56, Cl. 188-181.
- Wilcox, Dwight D., Jr., to the United States of America as represented by the Secretary of the Navy. Electronic differential digital computer. 2,754,059, 7-10-56, Cl. 235-92.
- Wilcox, Edward A. Spectacle cases. 2,732,061, 1-24-56, Cl. 206-5.
- Wilcox, Harold R., to Riggs & Lombard, Inc. Apparatus for the continuous treatment of cloth. 2,739,468, 3-27-56, Cl. 68-9.
- Wilcox, Harry A. Preooling system and apparatus. 2,736,307, 2-28-56, Cl. 123-196.
- Wilcox, Harry A., to Eastern Industries, Inc. Garage door operator with automatic latch. 2,742,280, 4-17-56, Cl. 238-59.
- Wilcox, Harry A., to Eastern Industries, Inc. Traffic control system. 2,761,120, 8-28-56, Cl. 340-37.
- Wilcox, Isaac L., to Oswego Falls Corp. Method of forming liners for paper containers. 2,736,063, 2-28-56, Cl. 18-56.
- Wilcox, Isaac L., and N. S. Cole, to Oswego Falls Corp. Bottle capping machine. 2,729,379, 1-3-56, Cl. 226-83.
- Wilcox, Isaac L., N. S. Cole, and H. Pesch, to Oswego Falls Corp. Bottle capping machine. 2,744,367, 5-8-56, Cl. 53-67.
- Wilcox, James F., to General Electric Co. Ultra-high-frequency tuner. 2,774,045, 12-11-56, Cl. 333-82.
- Wilcox, Joseph E., and E. A. Jensen, to United Air Lines, Inc. Signal light. 2,748,371, 5-29-56, Cl. 340-25.
- Wilcox, Roy M. Balancing machine. 2,748,603, 6-5-56, Cl. 73-465.
- Wilcox, Thomas L., Jr.: See—  
Ferguson, William C., and Wilcox. 2,768,778.
- Wilcox, William H., to Fibreboard Products Inc. Carton setting up machine. 2,743,651, 5-1-56, Cl. 93-51.
- Wilcoxon, Leon C., to Mayrath Machinery Co., Inc. Power operated loader. 2,746,592, 5-22-56, Cl. 198-120.5.
- Wilcoxon, Leon C., and C. E. Pike, to Mayrath Machinery Co., Inc. Power driven elevating conveyor. 2,761,063, 4-19-56, Cl. 86-6.
- Wild, Bernard, to International Harvester Co. Automatic hitch for two-way plow. 2,761,367, 9-4-56, Cl. 97-29.
- Wild, John J. Power shears. 2,735,506, 2-7-56, Cl. 30-228.
- Wilde, Arthur E., to Shaffer Tool Works. Compensating gear rack. 2,760,731, 8-28-56, Cl. 251-2.
- Wilde, Arthur E., to Shaffer Tool Works. Casing-head adapter flange. 2,764,431, 9-25-56, Cl. 285-415.
- Wilde, Curtis P., Jr.,  $\frac{1}{2}$  each to F. A. Schmieg and D. D. Schlegel. Internal drag belt conveyor. 2,756,866, 7-31-56, Cl. 198-168.
- Wildebour, Charles W., to Boeing Airplane Co. Deaerators. 2,748,886, 6-5-56, Cl. 183-2.5.
- Wildeman, Julius M. Hydraulic motor and automatic valve therefor. 2,745,386, 5-15-56, Cl. 121-150.
- Wilder, Edith E. Duster attachment for a broom head. 2,735,470, 2-7-56, Cl. 15-247.
- Wilder, Edward A., to S. C. Johnson & Son, Inc. Improving gel strength of vegetable waxes. 2,772,301, 11-27-56, Cl. 260-404.8.
- Wilder, Richard P.: See—  
Flygare, Carl G., and Wilder. 2,740,236.
- Wilderemann, Otto, to Ensign Ribbon Burners, Inc. Dual band type gas burner with cross-over flame connection. 2,747,658, 8-29-56, Cl. 113-99.
- Wilders, Johannes H. A.: See—  
Sanders, Theodorus P. W., and Wilders. 2,739,061.  
Sanders, Theodorus P. W., and Wilders. 2,741,558.  
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- Wildhaber, Ernest, to The Gleason Works. Machine for producing gears. 2,747,468, 5-29-56, Cl. 90-6.
- Wildhaber, Ernest, to The Gleason Works. Toothed gearing. 2,750,814, 6-19-56, Cl. 74-805.
- Wildhaber, Ernest, to The Gleason Works. Method of cutting gears. 2,750,850, 6-19-56, Cl. 90-9.4.
- Wildhaber, Ernest. Universal joint. 2,752,765, 7-3-56, Cl. 64-8.
- Wildhaber, Ernest. Laminated mounting and connection, especially for universal joints. 2,752,766, 7-3-56, Cl. 64-11.
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- Wildhaber, Ernest. Mechanical motion mechanism. 2,770,973, 11-20-56, Cl. 74-50.
- Wildhaber, Ernest, to The Gleason Works. Machine and method for generating tapered gears. 2,773,429, 12-11-56, Cl. 90-5.
- Wildt, Bernard S., to Monsanto Chemical Co. Manufacture of long chain saturated aliphatic hydrocarbons. 2,757,217, 7-31-56, Cl. 260-676.
- Wiling, Charles E. Back scrubbers. 2,740,150, 4-3-56, Cl. 15-231.
- Wildman Mfg. Co.: See—  
Howie, Kenneth. 2,762,214.
- Wilds, David L. Combination rack and price tagging device. 2,730,825, 1-17-56, Cl. 40-10.
- Wildt and Co. Ltd.: See—  
Overfield-Collins, Edward, and Saunders. 2,751,771.  
Saunders, Alfred P. 2,747,389.  
Saunders, Alfred P. 2,753,704.
- Wildung, Frank: See—  
Beard, Donald M., Wildung, and Bruce. 2,732,779.
- Wilen, Jesse. Dental attachment. 2,731,722, 1-24-56, Cl. 32-28.
- Wilentchik, Jerzy J. Vari-function potentiometer. 2,760,146, 8-21-56, Cl. 323-67.
- Wiles, Everett R., A. T. Vallier, and H. H. Coffman, to Marathon Corp. Method of continuous coating paper with wax and resultant product. 2,753,275, 7-5-56, Cl. 117-64.
- Wiles, Howard M. Flame arrestors for anaesthetic equipment. 2,774,351, 12-18-56, Cl. 128-188.
- Wiles, Hinton T., and D. W. Blam, to Shell Development Co. Compositions containing a mixture of glycidyl polyethers of dihydric phenols. 2,735,829, 2-21-56, Cl. 260-42.
- Wiles, Western H., O. Hoffman, and V. E. Scooby, to The Faultless Rubber Co. Feminine syringe. 2,739,592, 3-27-56, Cl. 133-282.
- Wiley, Bruce F.: See—  
Piety, Raymond G., and Wiley. 2,741,917.
- Wiley, Bruce F., to Phillips Petroleum Co. Flowmeter. 2,729,101, 1-3-56, Cl. 73-155.
- Wiley, Bruce F., to Phillips Petroleum Co. Apparatus for detecting leaks in gas wells. 2,731,826, 1-24-56, Cl. 73-40.5.
- Wiley, Bruce F., to Phillips Petroleum Co. Gas leak detector for well casing. 2,757,533, 8-7-56, Cl. 73-40.5.
- Wiley, Bruce F., and E. L. Clark, to Phillips Petroleum Co. Flowmeter. 2,741,916, 4-17-56, Cl. 73-155.
- Wiley, Elmond P. Remote operator for window actuators. 2,759,341, 8-21-56, Cl. 64-2.
- Wiley, Elmond P., to operating mechanism for multi-vent windows. 2,766,491, 10-18-56, Cl. 20-42.
- Wiley, Fred E., to The Grote Mfg. Co., Inc. Improved method of making embossing rolls. 2,765,682, 10-9-56, Cl. 76-107.
- Wiley, Harold S.: See—  
Geib, Robert L., and Wiley. 2,733,302.
- Wiley, Verlis, to Sylvania Electric Products Inc. Two button arrangement for signal seeking type radio receivers. 2,731,556, 1-17-56, Cl. 250-20.
- Wiley, William C.: See—  
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McLaren, Ian H., and Wiley. 2,765,407.  
Wells, William H., and Wiley. 2,768,304.
- Wiley, William C., to Bendix Aviation Corp. Mass spectrometer. 2,759,105, 8-14-56, Cl. 250-41.9.
- Wiley, William C., to Bendix Aviation Corp. Mass spectrometer. 2,762,926, 9-11-56, Cl. 250-41.9.
- Wiley, William C., to Bendix Aviation Corp. Mass spectrometer. 2,762,928, 9-11-56, Cl. 250-41.9.
- Wiley, William C., to Bendix Aviation Corp. Mass spectrometer. 2,765,406, 10-2-56, Cl. 250-41.9.
- Wiley, William C., to Bendix Aviation Corp. Mass spectrometer. 2,765,407, 10-2-56, Cl. 250-41.9.
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- Wiley, William C., to Bendix Aviation Corp. Collector assembly. 2,775,706, 12-25-56, Cl. 250-41.9.
- Wiley, William C., and I. H. McLaren, to Bendix Aviation Corp. Mass spectrometer. 2,762,927, 9-11-56, Cl. 250-41.9.
- Wiley, William C., and D. B. Harrington, to Bendix Aviation Corp. Mass spectrometer. 2,765,408, 10-2-56, Cl. 250-41.9.
- Wilfert, Karl, to Daimler-Benz Aktiengesellschaft. Arrangement of a blower in a pipe line. 2,749,024, 6-5-56, Cl. 230-117.
- Wilfert, Karl, to Daimler-Benz Aktiengesellschaft. Shielded signal. 2,763,855, 9-18-56, Cl. 340-382.
- Wilfert, Karl, and B. Barényi, to Daimler-Benz Aktiengesellschaft. Locking mechanism for motor vehicle doors. 2,767,722, 9-9-56, Cl. 292-341.12.
- Wilfert, Karl, and B. Barényi, to Daimler-Benz Aktiengesellschaft. Abutting panel spaced joints in automobile bodies. 2,767,014, 10-16-56, Cl. 296-28.
- Wilfert, Karl, to Daimler-Benz Aktiengesellschaft. Heating installation for motor vehicles. 2,729,158, 1-3-56, Cl. 98-2.
- Wilfong, Robert E.: See—  
Griffith, Andrew S., Jr., McDonald, and Wilfong. 2,733,121.
- Wilham, Carl A.: See—  
Tsuchiya, Henry M., Jeanees, Bricker, and Wilham. 2,742,399.
- Wilhelm, Dorothy R. Prosthetic breast and supporting garment. 2,752,802, 7-3-56, Cl. 2-42.
- Wilhelm, Eugene S., to Socony Mobil Oil Co., Inc. Total magnetic field well logging method and apparatus. 2,766,426, 10-9-56, Cl. 324-43.
- Wilhelm, Harley A., K. A. Walsh, and J. V. Kerrigan, to the United States of America as represented by the United States Atomic Energy Commission. Solvent extraction of zirconium values. 2,753,250, 7-3-56, Cl. 23-312.
- Wilhelm, Harley A., and J. V. Kerrigan, to the United States of America as represented by the United States Atomic Energy Commission. Process of separating tantalum and niobium values from each other. 2,767,047, 10-16-56, Cl. 23-23.
- Wilhelm, Herbert: See—  
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- Wilhelm, Jack E., to Bailey Meter Co. Boiler control system. 2,745,603, 5-15-56, Cl. 236-26.



- Wilhelm, John. Building block. 2,736,188, 2-28-56, Cl. 72-41.
- Wilhelm, John F., to Radio Corp. of America. Color television tube. 2,755,405, 7-17-56, Cl. 313-92.
- Wilhelm, John R., to Parolator Products, Inc. Fuel tank filter installation. 2,751,084, 6-19-56, Cl. 210-150.
- Wilhelm, Lucien C.: See—
- Tareau, Georges H., and Wilhelm. 2,769,180.
- Wilhelm, Richard H.: See—
- Weisler, Paul F., Jr., and Wilhelm. 2,740,894.
- Wilhem, Pierre P. Controlled ball release for games. 2,765,169, 10-2-56, Cl. 273-11.
- Wilhoite, Murray: See—
- Nordholt, Louis B., and Wilhoite. 2,770,228.
- Will, Elmar K., and A. E. Vendette, to Monsanto Chemical Co. Production of arylsulfonyl thioureas. 2,738,355, 8-13-56, Cl. 260-397.7.
- Wilk, Marvin. Ladies' pistol compact. 2,751,913, 6-26-56, Cl. 132-79.
- Wilkening Mfg. Co.: See—
- Braendel, Helmuth G. 2,771,329.
- Wilkening, Walter O., to The Aero Equipment Corp. Anti-negative G valve mechanism. 2,735,425, 2-21-56, Cl. 128-142.
- Wilks, Carl E.: See—
- Koehring, Roland P., and Wilks. 2,748,634.
- Wilks, Edgar H. Hide-stripping devices. 2,770,006, 11-13-56, Cl. 17-21.
- Wilkinson, Edward D. Bathtub support. 2,751,602, 6-26-56, Cl. 4-173.
- Wilkes, Benjamin G., Jr., and A. B. Steele, to Union Carbide and Carbon Corp. Water-miscible glycidyl ethers. 2,743,285, 4-24-56, Cl. 260-348.
- Wilkes, Gilbert, to the United States of America as represented by the Secretary of the Navy. Protective electronic tube and circuit. 2,760,065, 8-21-56, Cl. 250-27.
- Wilkes Hosiery Mills Co.: See—
- Stack, Vernon B., Re. 24,239.
- Wilkes, John B.: See—
- Aroyan, Harry J., and Wilkes. 2,734,079.
- Aroyan, Harry J., and Wilkes. 2,734,080.
- Wilkes, John B., to California Research Corp. Hydrolysis of amides. 2,734,078, 2-7-56, Cl. 260-515.
- Wilke Co., The: See—
- McLaughlin, John J. 2,732,053.
- McLaughlin, John J. 2,732,922.
- Wilkie, Robert C., to Pacific Mills. Process for coiling silver in cans. 2,745,146, 5-15-56, Cl. 19-159.
- Wilkie, George D.
- Hockenbuhl, Donald J. D. Wilkin, and Qulter. 2,761,812.
- Wilkin, Harold G. Lapidary saws. 2,743,717, 5-1-56, Cl. 125-13.
- Wilkins, Earl D.: See—
- Drossel, Norman J., and Wilkins. 2,749,591.
- Wilkins, Frank: See—
- Hart, Walter S. 2,757,503.
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- Armstrong, Godfrey P., Bewley, Jackson, Bellinger, Bramwyche, and Wilkins. 2,750,424.
- Wilkins, George L. Floral basket and anchoring means for funeral use. 2,774,186, 12-18-56, Cl. 47-41.
- Wilkins, James M., to A. H. Kaplan. Automatic pressure regulator and valve mechanism therefor. 2,737,975, 3-12-56, Cl. 237-303.4.
- Wilkins, John P., to E. I. du Pont de Nemours and Co. Polyethers from 1-4 epoxycyclohexane. 2,764,559, 9-25-56, Cl. 260-2.
- Wilkins, Margaret R. Key structure for tear strip containers. 2,735,976, 2-21-56, Cl. 220-52.
- Wilkins, Richard A., to Revere Copper and Brass Inc. Furnaces for generating zinc vapors. 2,761,672, 9-4-56, Cl. 266-24.
- Wilkins, Richard A., and K. A. Phillips, to Revere Copper and Brass Inc. Method of electrothermally smelting zinc. 2,754,198, 7-10-56, Cl. 75-14.
- Wilkins, William B.: See—
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- Wilkins, William G., to Universal Castings Corp. Heat dissipation pattern for molding a blade cavity. 2,741,817, 4-17-56, Cl. 22-153.
- Wilkinson, Alvin H., to Cabot Shops, Inc. Hydraulic servo control apparatus. 2,759,457, 8-21-56, Cl. 121-41.
- Wilkinson, Clarence E., to The Texas Co. Manufacture of asphalt. 2,739,951, 3-27-56, Cl. 260-28.
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- Conkman, Reginald W. J., Sullivan, and Wilkinson. 2,736,459.
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- Wood, Ernest H., and Wilkinson. 2,759,905.
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- Wilkinson, Joseph M., G. W. Pedlow, and R. W. Wynn, to General Aniline & Film Corp. 4-nitro- $\alpha$ -methoxystyrene. 2,767,218, 10-16-56, Cl. 260-611.
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- Wilkinson, Robert E.: See—
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- Wilkinson, Robert L., to International Paper Co. Internal support for packing boxes. 2,749,013, 6-5-56, Cl. 229-14.
- Wilkinson Sword Co. Ltd., The: See—
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- Griffiths, Rupert, and Wilkinson. 2,740,018.
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- Wilkinson, Wilfred H., to Rolls-Royce Ltd. Gas-turbine engines and nozzle-guide-vane assemblies therefor. 2,738,949, 8-20-56, Cl. 253-39.1.
- Wilkinson, Wilfred H., to Rolls-Royce Ltd. Rotor constructions for gas-turbine engines. 2,755,063, 7-17-56, Cl. 253-77.
- Wilkinson, Jim P. Casket placer. 2,762,106, 9-11-56, Cl. 27-32.
- Will, Otto: See—
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- Will, Theodore, to Fund-Del Inc. Container for solid or liquid insecticide, deodorant, or the like. 2,765,194, 10-2-56, Cl. 299-24.
- Will, Wilbert A., to Crown Controls Co., Inc. Motor operated device and remote control therefor. 2,736,854, 2-28-56, Cl. 213-289.
- Willard, Alfred R., F. C. Haak, and H. W. Lormor, to The Electric Storage Battery Co. Machine for manufacturing storage batteries. 2,748,737, 6-5-56, Cl. 113-59.
- Willard, Frank E. Electrical interval timer and control. 2,767,832, 10-16-56, Cl. 307-132.
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- Cording, James, Jr., and Willard. 2,759,832.
- Willard, Ralph J., and R. T. Brown, to Spring Load Mfg. Corp. Power operated pipe cutter. 2,747,274, 5-29-56, Cl. 27-37.
- Willardson, Anthony C. Floating sinker. 2,766,548, 10-18-56, Cl. 43-43.13.
- Willas, Albert L. Polishing lappers. 2,742,743, 4-24-56, Cl. 51-184.3.
- Willbourn, Anthony H.: See—
- Blod, George I. M., Duddington, Vincent, and Willbourn. 2,729,615.
- Willbrandt, Franklin M., to Battle Creek Packaging Machines, Inc. Machine for folding and closing liner bags in cartons. 2,729,928, 1-10-56, Cl. 53-144.
- Willby, Norman H., and R. B. Lewis, to Westinghouse Electric Corp. Series-motor dynamic-braking control. 2,757,328, 7-31-56, Cl. 318-274.
- Willcox, Frederick P. Photoelectric exposure meter. 2,740,903, 4-3-56, Cl. 250-237.
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- Wille, Riccardo, to International Telephone and Telegraph Corp. Signalling system for telephone equipment. 2,764,638, 9-25-56, Cl. 179-72.
- Wille, Robert L.: See—
- Holman, George W., Laycock, and Wille. 2,738,278.
- Wille, Rudolf. Drawing means in the intake conduit of an internal combustion engine. 2,756,731, 7-31-56, Cl. 123-65.
- Willemain, Fernand H., to American Writing Paper Corp. Combined slice and adjustable deckle mechanism for Four-driner machine. 2,735,343, 2-21-56, Cl. 93-44.
- Willems, Theo W., to Hartford National Bank and Trust Co., as trustee. Device for charging a capacitor. 2,745,052, 5-8-56, Cl. 320-1.
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- Willer, William H. Injection molding apparatus. 2,734,226, 2-14-56, Cl. 18-30.
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- Dushkes, Sherman Z., and Wiley. 2,743,619.
- Wiley, Harold L., to Ford Motor Co. Tractor linkage. 2,729,156, 1-3-56, Cl. 97-46.07.
- Wilhelm, Oscar F., to Durham-Enders Razor Corp. Razor blade container. 2,775,366, 12-25-56, Cl. 221-232.
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- William, Russell J., and C. V. Brady, to Bemis Bro. Rar Co. Paper or like containers and their manufacture. 2,773,636, 12-11-56, Cl. 229-55.
- Williams, Albert E., to General Motors Corp. Inertia lock for tilting auto seats. 2,732,003, 1-24-56, Cl. 155-5.
- Williams, Alfred A.: See—
- Ewaldson, Waldemar C., and Williams. 2,748,864.
- Williams, Alfred A., to Western Electric Co., Inc. Trip mechanism for presses. 2,733,799, 2-7-56, Cl. 192-131.
- Williams, Alfred O., to Clark Equipment Co. Rail car tracks. 2,737,127, 3-6-56, Cl. 105-197.

- Williams, Alfred O., to Clark Equipment Co. Rail car truck. 2,737,908, 3-13-56, Cl. 105-227.
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- Williams, Arthur C.: *See*—
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- Williams, Arthur H., to Chain Belt Co. Seal for rotary anti-friction bearings. 2,767,037, 10-16-56, Cl. 308-187.2.
- Williams, Arthur L., to The Federal Machine and Welder Co. Forging apparatus. 2,742,075, 4-17-56, Cl. 353-54.
- Williams, Arthur L., to The Federal Machine and Welder Co. Welding apparatus. 2,771,538, 11-20-56, Cl. 219-78.
- Williams, Arthur L. and D. F. Brace, to The Federal Machine and Welder Co. Apparatus for producing tubular members. 2,771,046, 11-20-56, Cl. 113-11.
- Williams, Arthur V.: *See*—
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- Williams & Bennett Co.: *See*—
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- Williams, Beverly E.: *See*—
- Fairchild, Edwin B. 2,761,603.
- Williams, Bill M., to The Dow Chemical Co. Alkylamine salts of alpha-2,4,5-trichlorophenoxypropionic acid. 2,745,871, 5-15-56, Cl. 260-521.
- Williams, Bill M., to The Dow Chemical Co. Esters of alpha-2,4,5-trichlorophenoxypropionic acid. 2,749,360, 6-5-56, Cl. 260-473.
- Williams, Billy L. Drop leaf dining table. 2,730,416, 1-10-56, Cl. 311-60.
- Williams Brothers Co.: *See*—
- Lewis, Jesse M. 2,734,832.
- Williams, Burdell S., to Teco Heaters, Inc. Heat exchanger. 2,751,199, 6-19-56, Cl. 257-184.
- Williams, Burdell S., to Taco Heaters, Inc. Filter with back-wash cleaning. 2,775,348, 12-25-56, Cl. 210-84.
- Williams, Byron L.: *See*—
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- Marsh, Daniel W. Re. 24,173.
- Williams, Carl M. Break over hammer. 2,741,456, 4-10-56, Cl. 254-24.
- Williams, Charles E., to General Electric Co. Variable inductance. 2,735,989, 2-21-56, Cl. 336-155.
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- Hagen, Glenn E., Williams, and Hancock. 2,729,762.
- Sonabend, Lawrence P., and Williams. 2,740,728.
- Williams, Charles R., to Northrop Aircraft, Inc. Read-out tube circuit. 2,769,939, 11-6-56, Cl. 315-233.
- Williams, Chester. Bottle cover. 2,741,386, 4-10-56, Cl. 15-12.
- Williams, Clarence, and W. H. Frazier, to West Point Mfg. Co. Versatile package holder. 2,738,139, 3-13-56, Cl. 242-130.
- Williams, Claude B. Apparatus and method for the manufacture of spun synthetic threads and/or yarns. 2,770,839, 11-20-56, Cl. 18-8.
- Williams, Cledwyn: *See*—
- Lee, William O., and Williams. 2,772,920.
- Williams, Clifton S., to Westinghouse Electric Corp. Power source for arc welding. 2,765,311, 9-18-56, Cl. 315-205.
- Williams, Cyril B., G. G. Blowers, and F. A. Evans, to Erie Resistor Ltd. Electric variable condensers. 2,768,338, 10-23-56, Cl. 317-249.
- Williams, David A. Aerial irrigating apparatus. 2,757,959, 8-7-56, Cl. 290-47.
- Williams, Derrick J., to High-Pressure Components Ltd. Non-return valves. 2,745,432, 5-15-56, Cl. 137-540.
- Williams, Dolores H.: *See*—
- Stefan, Joseph J. 2,765,884.
- Stefan, Joseph J. 2,765,885.
- Williams, Don C. Pen type tear gas gun. 2,757,474, 8-7-56, Cl. 42-1.
- Williams, Donald B.: *See*—
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- Williams, Donald C. Stopper testing apparatus. 2,761,307, 9-4-56, Cl. 73-11.
- Williams, Donald C. Toaster insert. 2,763,198, 9-18-56, Cl. 99-339.
- Williams, Dwight: *See*—
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- Williams, Edward B., Jr. Combined reamer and core bit. 2,738,167, 3-13-56, Cl. 255-72.
- Williams, Edward B., Jr. Jetting device for rotary drilling apparatus. 2,765,146, 10-2-56, Cl. 255-24.
- Williams, Edward E., and F. E. Fiege, said Williams assor. to said Fiege. Lead sight for guns. 2,730,806, 1-17-56, Cl. 33-51.
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- Williams, Elmer R. Emulsion treater having water control system. 2,740,492, 4-3-56, Cl. 183-27.
- Williams, Elmer R., to F. L. Murdock, Sr. Method and apparatus for treating petroleum products. 2,753,046, 7-3-56, Cl. 210-525.
- Williams, Emmett C. Ventilating fan for television sets. 2,734,441, 2-14-56, Cl. 98-1.
- Williams, Ernest, to General Electric Co. Electric switch. 2,773,154, 12-4-56, Cl. 200-146.
- Williams, Everard M., to Firth Sterling Inc. High-speed spark machining apparatus. 2,773,168, 12-4-56, Cl. 219-69.
- Williams, F. B. Co.: *See*—
- Wills, Robert C.: *See*—
- 2,743,046.
- Williams, Fielding L.: *See*—
- Jones, Montgomery O. 2,756,822.
- Williams, Fielding L., trustee: *See*—
- Jones, Montgomery O. 2,738,009.
- Williams, Floyd A.: *See*—
- Davis, Louis. 2,732,901.
- Williams, Frank B.: *See*—
- Hood, Eugene J. 2,740,134.
- Williams, Fred R.: *See*—
- Wulford, Alvin C., and Williams. 2,775,295.
- Williams, Frederic C.: *See*—
- Robinson, Arthur A., Williams, and Kilburn. 2,772,050.
- Williams, Frederic C., to National Research Development Corp. Magnetic storage systems. 2,734,186, 2-7-56, Cl. 340-174.
- Williams, Frederic C., and G. E. Thomas, to National Research Development Corp. Servo control means for data storage device. 2,733,425, 1-31-56, Cl. 340-174.
- Williams, Frederic C., and T. Kilburn, to National Research Development Corp. Electronic circuit for adding binary numbers. 2,749,034, 6-5-56, Cl. 234-61.
- Williams, Frederic C., T. Kilburn, and G. C. Tootill, to National Research Development Corp. Electronic information storage devices. 2,749,439, 6-5-56, Cl. 234-61.
- Williams, Frederic C., and T. Kilburn, to National Research Development Corp. Electronic digital computing device. 2,755,994, 7-24-56, Cl. 235-61.
- Williams, Frederic C., T. Kilburn, and E. R. Laithwaite, to National Research Development Corp. Digital data storage systems. 2,755,996, 7-24-56, Cl. 235-61.11.
- Williams, Frederic C., and T. Kilburn, to National Research Development Corp. Electronic digital computers. 2,769,935, 11-20-56, Cl. 315-20.
- Williams, Frederick B., Jr. Method and apparatus for equilibrating a gas with a liquid and for analyzing a gas. 2,760,922, 8-28-56, Cl. 204-1.
- Williams, George H. T. Improved rotary compressed-air operating motor. 2,730,077, 1-10-56, Cl. 121-92.
- Williams, George K., and L. J. Derham, to The National Smelting Company Limited. Method and apparatus for separation of metals, alloys, or compounds from a molten metallic system. 2,734,819, 2-14-56, Cl. 75-63.
- Williams, George R. Jig mechanism for installing doors and door frames. 2,748,493, 6-5-56, Cl. 33-194.
- Williams, Gwyn E.: *See*—
- Goodman, Isaac, Lambert, Smith, and Williams. 2,762,787.
- Williams, Harold E.: *See*—
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- Williams, Harold W. Stopper. 2,743,834, 5-1-56, Cl. 215-47.
- Williams, Harold W., to Scovill Mfg. Co. Plastic can for collapsible type snap fastener socket. 2,759,238, Cl. 24-216.
- Williams, Harold W. Dropper assembly. 2,765,004, 10-2-56, Cl. 141-24.
- Williams, Harry D.: *See*—
- Walker, Joseph F., and Williams. 2,754,276.
- Williams, Harry L.: *See*—
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- Williams, Harry L., and M. J. G. Davidson, to Polymer Corp., Ltd. Method of cleaning polymerization reactors. 2,749,313, 6-5-56, Cl. 252-104.
- Williams, Harry L., and J. W. L. Fordham, to Polymer Corp., Ltd. Emulsifiers for butadieneacrylonitrile copolymerization. 2,753,327, 7-3-56, Cl. 260-82.5.
- Williams, Harry L., and J. W. L. Fordham, to Polymer Corp., Ltd. Amine addition to butadiene and acrylonitrile polymerization. 2,759,911, 8-21-56, Cl. 260-83.1.
- Williams, Harvey L. Water tight fastener. 2,746,113, 5-22-56, Cl. 24-205.1.
- Williams, Harvey L., to Slide fastener type tube coupling. 2,746,114, 5-22-56, Cl. 24-205.1.
- Williams & Harvey Nurseries Co.: *See*—
- Shepherd, Marvin A. 2,773,606.
- Williams, Henry L., to Food Technology, Inc. Constant humidity apparatus. 2,771,247, 11-20-56, Cl. 236-44.
- Williams, Henry M., to Olin Mathieson Chemical Corp. Milling of metal. 2,745,318, 5-15-56, Cl. 90-11.
- Williams, Herbert D.: *See*—
- Francis, Wallace R., Mapelsden, and Williams. 2,756,403.
- Williams, Herbert D., to General Electric Co. Wiring device quick connect terminals. 2,762,023, 9-4-56, Cl. 339-53.
- Williams, Herschel A., to Ransburg Electro-Coating Corp. Apparatus for conveying articles. 2,761,544, 9-4-56, Cl. 198-33.
- Williams, Holly L. Twin lead cutting tool. 2,742,696, 4-24-56, Cl. 30-123.
- Williams, Holly L. Insulation cutting tool. 2,758,490, 8-14-56, Cl. 81-9.5.
- Williams, Holly L. Scraper. 2,770,829, 11-20-56, Cl. 15-236.
- Williams, Howard L. Typewriter platen locking device. 2,732,055, 1-24-56, Cl. 197-141.
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- Williams, Ira, to J. M. Huber Corp. Separating carbon from gases. 2,746,564, 5-22-56, Cl. 183-121.
- Williams, Ira, and A. Voet, to J. M. Huber Corp. Printing ink varnish. 2,733,153, 1-31-56, Cl. 106-30.



- Williams, Ivy L. Spreader for fishhooks. 2,769,270, 11-6-56, Cl. 43-42.74.
- Williams, J. H., & Co.: See—  
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- Williams, Jack L. R.: See—  
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- Williams, Jack L. R., to Eastman Kodak Co. Methoxy vinyl-naphthalenes and polymers thereof. 2,739,956, 3-27-56, Cl. 260-47.
- Williams, James, and S. Glover, to Hall Telephone Accessories Ltd. Apparatus for stacking letters and like articles. 2,742,286, 4-17-56, Cl. 271-64.
- Williams, James E., to American Viscose Corp. Annular strand package with fabric cover. 2,774,471, 12-18-56, Cl. 206-59.
- Williams, James H.: See—  
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- Safir, Sidney R., Hlavka, and Williams. 2,763,652.
- Williams, James H., to Grinnell Corp. Union tester. 2,766,613, 10-16-56, Cl. 73-45.5.
- Williams, Jessie E. Ironing board attachments. 2,754,603, 7-17-56, Cl. 38-10.
- Williams, Jesse E., and C. J. De Caro, to Portable Industries, Inc. Centering and guiding means for pins, studs, and like fastening elements. 2,761,348, 9-4-56, Cl. 85-10.
- Williams, Jesse N., Jr.: See—  
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- Williams, John, to Eastman Kodak Co. Tetrahydrobenzo-[1,2,4,5]dipyrrolo coloring materials and method of manufacture. 2,739,153, 3-20-56, Cl. 260-310.
- Williams, John. Method of forming moulded printing negatives and positives. 2,754,606, 7-17-56, Cl. 41-46.
- Williams, John C.: See—  
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- Williams, John E. Electronic linear sweep generator. 2,740,043, 3-27-56, Cl. 250-27.
- Williams, John H.: See—  
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- Williams, John H., to Oak Mfg. Co. Electric switching means. 2,739,210, 3-20-56, Cl. 200-166.
- Williams, Julian C., to The Dow Chemical Co. Method of magnesium oxychloride cement stucco application. 2,738,291, 3-13-56, Cl. 117-70.
- Williams, Kenneth G., and E. W. Frowe. Gadiometer. 2,743,415, 4-24-56, Cl. 324-43.
- Williams, Kyle P., to North American Rayon Corp. Device for softening yarn bodies. 2,741,010, 4-10-56, Cl. 28-58.
- Williams, Kyle P., to North American Rayon Corp. Centrifugal hydroextractor. 2,759,609, 8-21-56, Cl. 210-76.
- Williams, H. Vergeur H. Recorder and method for recording elapsed time. 2,736,023, 2-21-56, Cl. 346-82.
- Williams, Lawrence S., to Toledo Scale Co. Roller printer. 2,735,362, 2-21-56, Cl. 101-93.
- Williams, Lawrence S., to Toledo Scale Co. Ticket shuttle. 2,745,383, 5-22-56, Cl. 101-93.
- Williams, Lawrence S., to Toledo Scale Co. Lens device for a weighing scale. 2,762,253, 9-11-56, Cl. 88-1.
- Williams, Lawrence S., to Toledo Scale Co. Type positioning mechanism. 2,766,687, 10-16-56, Cl. 101-99.
- Williams, Leo C.: See—  
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- Rounsefell, Clifford P., and Williams. 2,774,487.
- Williams, Leo C., to Dexter Folder Co. Sheet handling apparatus. 2,757,929, 8-7-56, Cl. 271-62.
- Williams, Louis A., to Raytheon Mfg. Co. Microwave cooker controls. 2,733,650, 2-7-56, Cl. 99-327.
- Williams, Lucille E., to E. I. du Pont de Nemours and Co. Laminated structures and methods of making same. 2,765,250, 10-2-56, Cl. 154-128.
- Williams, Lucille E., to E. I. du Pont de Nemours and Co. Laminated structures and method of making same. 2,765,251, 10-2-56, Cl. 154-139.
- Williams, Michael, and H. H. Kreske, to Edwin L. Wiegand Co. Water heaters. 2,748,252, 5-29-56, Cl. 219-38.
- Williams, Milton S.: See—  
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- Williams, Milton S., Jr.: See—  
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- Welch, Stanley E., and Williams. 2,747,073.
- Williams, Moses W.: See—  
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- Williams, Norman C.: See—  
Fishwood, Rollin W., and Williams. 2,772,926.
- Williams, Norman D.: See—  
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- Williams, Ollie D. Self-adjusting cam bearing or bushing knocker and installer. 2,775,025, 12-25-56, Cl. 29-275.
- Williams, Oliver H., to Industrial Lamp Corp. Lamp shade construction. 2,740,886, 4-3-56, Cl. 240-108.
- Williams, Paul: See—  
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- Williams, Paul D., to Eitel-McCullough, Inc. Anode for electron tubes. 2,769,114, 10-30-56, Cl. 313-355.
- Williams, Paul H.: See—  
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- Williams, Paul H., and L. B. Scott, to Shell Development Co. Lubricating composition. 2,744,871, 5-8-56, Cl. 252-49.
- Williams, Paul H., and L. B. Scott, to Shell Development Co. Lubricating compositions. 2,749,310, 6-5-56, Cl. 252-18.
- Williams, Paul H., and L. B. Scott, to Shell Development Co. Lubricating composition. 2,774,733, 12-18-56, Cl. 252-56.
- Williams, Philip M., to Keyes Fibre Co. Pack for books and the like. 2,758,772, 8-14-56, Cl. 229-25.
- Williams, Philip M., to Keyes Fibre Co. Support-protector for fragile articles. 2,774,473, 12-18-56, Cl. 206-65.
- Williams, R. L., J. E. Shaw, Jr., and V. H. Brodron, Jr., to Freeport Sulphur Co. Sulphur-water-air-separator. 2,750,000, 6-12-56, Cl. 183-3.
- Williams, R. N. Paper Co.: See—  
Williams, Richard N., 2,770,405.
- Williams, Ralph E.: See—  
Selzer, Andrew H., Berry, and Williams. 2,746,736.
- Selzer, Andrew H., Berry, and Williams. 2,746,865.
- Williams, Ralph M.: See—  
Fortman, Clarence B., and Williams. 2,764,667.
- Williams, Ray S., to Eagan Corp. Pneumatic relays embodying a signal input pressure responsive pilot valve and a booster pilot valve. 2,731,024, 1-17-56, Cl. 137-84.
- Williams, Ray W.: See—  
Tolman, Edgar B., and Williams. 2,746,807.
- Williams, Ray W., to United Conveyor Corp. Fluid operated air exhauster. 2,733,105, 1-31-56, Cl. 302-23.
- Williams, Raymond H.: See—  
Morris, Fred C., and Williams. 2,767,415.
- Williams, Raymond S., to Radio Corp. of America. Magnetic switching device. 2,758,221, 8-7-56, Cl. 307-88.
- Williams, Richard D.: See—  
Armstrong, John W., Spears, and Williams. 2,771,669.
- Williams, Richard E., to Wilbespan Research Labs, Inc. Tone wheel vibrato means. 2,746,334, 5-22-56, Cl. 84-125.
- Williams, Richard J., to American Metal Products Co. Machine for bending wire into irregular sinuous form. 2,744,546, 5-8-56, Cl. 140-91.
- Williams, Richard J., to American Metal Products Co. Method of constructing a vehicle axle housing. 2,752,673, 7-3-56, Cl. 29-463.
- Williams, Richard J. Hand bit assembly holder. 2,775,341, 12-25-56, Cl. 206-16.
- Williams, Richard J., and H. C. Flint, to American Metal Products Co. Formed spring units and assemblies thereof. 2,764,227, 9-25-56, Cl. 155-179.
- Williams, Richard N., to R. N. Williams Paper Co. Shirt collar support. 2,770,405, 11-13-56, Cl. 223-83.
- Williams, Richard P.: See—  
Goldman, Leon, and Williams. 2,756,232.
- Williams, Robert E.: See—  
Brooks, Robert G., and Williams. 2,766,815.
- Williams, Robert H.: See—  
Hamilton, Lyle A., and Williams. 2,745,853.
- Williams, Robert H., to E. B. Williams Co. Holder device. 2,739,122, 3-20-56, Cl. 273-12.
- Williams, Robert O., to F. B. Williams Co. Holder device. 2,743,046, 4-24-56, Cl. 224-45.
- Williams, Roger F. Bow sight. 2,742,702, 4-24-56, Cl. 83-46.
- Williams, Roger F. Mold box. 2,757,431, 8-7-56, Cl. 25-118.
- Williams, Roger F., and G. A. Rogge. Concrete form. 2,730,785, 1-17-56, Cl. 25-130.
- Williams, Russell J.: See—  
Brady, Charles V., and Williams. 2,729,387.
- Williams, Russell J., and M. J. Helmos, to Remis Bro. Bag Co. Bags. 2,751,142, 6-19-56, Cl. 229-62.5.
- Williams, Sam W. Fishing device. 2,730,831, 1-17-56, Cl. 43-36.
- Williams, Samuel B., to Chrysler Corp. Heat exchanger. 2,757,907, 8-7-56, Cl. 257-6.
- Williams, Samuel G., to The New York Air Brake Co. Open center control valve for double-acting motors. 2,742,056, 4-17-56, Cl. 137-622.
- Williams, S. J., Jr., to International Harvester Co. Refrigerator evaporator. 2,735,273, 2-21-56, Cl. 62-99.
- Williams, S. J., Jr., to International Harvester Co. Refrigerator evaporator. 2,735,279, 2-21-56, Cl. 62-126.
- Williams, S. J., Jr., to International Harvester Co. Refrigerator evaporator. 2,735,280, 2-21-56, Cl. 62-126.
- Williams, S. J., Jr., to Whirlpool-Seeger Corp. Dual purpose lamp for refrigerator. 2,749,720, 6-12-56, Cl. 62-103.
- Williams, S. J., Jr., to Whirlpool-Seeger Corp. Two-piece room air-conditioner cabinet. 2,751,760, 6-26-56, Cl. 62-129.
- Williams, S. J., Jr., to Whirlpool-Seeger Corp. Refrigerator evaporator with defrosting means. 2,773,363, 12-11-56, Cl. 62-126.
- Williams, Spiro: See—  
Bestard, Waldemar. 2,753,710.
- Williams, Steele D. Glass melting furnace. 2,754,346, 7-10-56, Cl. 13-5.
- Williams, Stewart F.: See—  
Edwards, Edgar A., Jr., and Williams. 2,771,490.
- Williams, Stewart F., and A. Sedoff, to American Cyanamid Co. Process for recovering solid cyanuric chloride. 2,742,977, 4-24-56, Cl. 183-120.
- Williams, Sumner H., to General Aniline & Film Corp. Apparatus for treating textiles. 2,704,010, 9-25-56, Cl. 38-27.
- Williams, Theo W., to the United States of America as represented by the Secretary of the Army. Neutralization of cavity type high frequency amplifier. 2,735,903, 2-21-56, Cl. 179-171.

- Williams, Thomas H. and G. S. Solt, to The Permitt Co. Ltd., Stewarts & Lloyds Ltd., and Woodall-Duckham Construction Co. Ltd. Treatment of coke oven and similar effluents. 2,758,968, 8-14-56, Cl. 210-24.
- Williams, Thurman V.: *See—*
- Sprauner, Jerome W., and Williams. 2,739,875.
- Williams, Victor G., to Delamere & Williams Co., Ltd. Vacuum filling machine. 2,768,654, 10-30-56, Cl. 141-65.
- Williams, Victor G., to Delamere & Williams Co., Ltd. Apparatus for forming, filling and sealing bags. 2,772,530, 12-4-56, Cl. 180-181.
- Williams, Virgil C., and H. J. Jahnes, to General Aniline & Film Corp. Manufacture of acetylene. 2,768,223, 10-23-56, Cl. 260-679.
- Williams, W. W.: *See—*
- Trimble, Roy W. 2,765,027.
- Williams, Walter O. Power brushes for washing automobiles and the like. 2,759,208, 8-21-56, Cl. 15-29.
- Williams, Warner A. Safety drill pipe for oil well drilling. 2,768,812, 10-30-56, Cl. 255-28.
- Williams, Warren C.: *See—*
- Thomas, Ralph W., and Williams. 2,743,176.
- Williams, Wilbur D. Double action hair pin. 2,756,757, 7-31-56, Cl. 132-52.
- Williams, William C.: *See—*
- Nuerenberg, Eldon L., and Williams. 2,753,723.
- Williams, William C., to Browne Window Mfg. Co., Inc. Window with stationary, pivoted and hinged frames. 2,758,344, 8-14-56, Cl. 20-53.
- Williams, William H. Floating roof for a hydrocarbon storage tank. 2,735,574, 2-21-56, Cl. 220-26.
- Williams, William S. Device for diffusing the vapours of liquids. 2,741,004, 4-10-56, Cl. 21-123.
- Williams, William W.: *See—*
- Marshall, Franz, and Williams. 2,739,963.
- Strobel, Albert F., and Williams. 2,767,166.
- Strobel, Albert F., and Williams. 2,768,158.
- Williams, William W., and H. B. Freyermuth, to General Aniline & Film Corp. Fluorescent whitening agents. 2,733,105, 11-13-56, Cl. 17-33.5.
- Williams, William W., and L. Richter, to General Aniline & Film Corp. Coupling assistants for polyazo dyes. 2,773,864, 12-11-56, Cl. 260-181.
- Williams & Wilson Ltd.: *See—*
- Wilson, Frederick W. 2,740,515.
- Williams, Woodbury. Photocomposing apparatus and justifying apparatus. 2,772,613, 12-4-56, Cl. 95-4.5.
- Williamson Adhesives Inc.: *See—*
- Williamson, Donald G., Snover, and H. A. and R. H. Andresen. 2,772,055.
- Williamson, Donald G., Snover, and H. A. and R. H. Andresen. 2,772,055.
- Williamson, Archie O.: *See—*
- Bros, Chester W., Williamson, and Guignard. 2,729,000.
- Vanner, William W., Williamson, and Haas. 2,738,199.
- Williamson, Byron and T. A. Synergistic insecticidal compositions. 2,771,390, 10-20-56, Cl. 167-30.
- Williamson, David T. N., to Ferranti Ltd. Amplitude recording system utilizing saturable core reactors. 2,730,694, 1-10-56, Cl. 340-32.
- Williamson, Donald G., M. W. Snover, and H. A. and R. H. Andresen, to Williamson Adhesives, Inc. Apparatus for coating strip material. 2,772,653, 12-4-56, Cl. 118-43.
- Williamson, Donald G., M. W. Snover, and H. A. and R. H. Andresen, to Williamson Adhesives, Inc. Coating applicator for flexible strip material. 2,772,655, 12-4-56, Cl. 118-126.
- Williamson, Fred N., and E. C. Zipf, to Western Electric Co., Inc. Telephone call originator. 2,760,005, 8-21-56, Cl. 179-90.
- Williamson, George T., to Shell Development Co. Production of bis di-(hydroxyaryl) substituted compounds. 2,730,552, 1-10-56, Cl. 260-619.
- Williamson, George T., to Shell Development Co. Production of bis di-(hydroxyaryl) substituted compounds. 2,730,553, 1-10-56, Cl. 260-619.
- Williamson, George T., to Shell Development Co. Production of bis(hydroxyaryl) substituted compounds. 2,775,620, 12-25-56, Cl. 260-619.
- Williamson, George T., and O. L. Davis, to Shell Development Co. Purification of aromatic acids. 2,749,363, 6-5-56, Cl. 260-525.
- Williamson, Herbert J. Spray nozzle assembly. 2,754,151, 7-10-56, Cl. 299-32.
- Williamson, Hilding V., to Cardox Corp. Apparatus for producing inert gases. 2,729,546, 1-3-56, Cl. 23-281.
- Williamson, Hilding V., to Cardox Corp. Process for manufacture of chlorine dioxide hydrate. 2,740,690, 4-3-56, Cl. 23-132.
- Williamson, Hilding V., and J. C. Hesson, to Cardox Corp. Apparatus for dispensing chlorine dioxide. 2,758,016, 8-7-56, Cl. 23-282.
- Williamson, Hilding V., and A. D. Conner, to Cardox Corp. Fire extinguishing system. 2,758,657, 8-14-56, Cl. 169-9.
- Williamson, Hilding V., and C. A. Hampel, to Cardox Corp. Chlorine dioxide containing composition and process for manufacture thereof. 2,768,877, 10-30-56, Cl. 23-152.
- Williamson, James W.: *See—*
- Body, Alfred C., and Williamson. 2,762,894.
- Williamson, James W. Phase converter. 2,748,338, 5-29-56, Cl. 321-57.
- Williamson, James W. Magnetic stirrer for molten metal furnaces. 2,767,236, 10-16-56, Cl. 13-26.
- Williamson, John F., to Imperial Chemical Industries Ltd. Compositions for use in re-utilisable blasting apparatus. 2,769,701, 11-5-56, Cl. 52-14.
- Williamson, John T.: *See—*
- Hungerford, Gordon P., and Williamson. 2,734,513.
- Williamson, Marshall I., to Federal Paper Board Co., Inc. Containers. 2,733,852, 2-7-56, Cl. 229-41.
- Williamson, Marshall I. Hollow-walled boxes. 2,765,113, 10-2-56, Cl. 229-34.
- Williamson, Marshall I. Hollow-walled boxes. 2,770,410, 10-2-56, Cl. 229-34.
- Williamson, Marshall I., and H. A. Carruth, to Federal Paper Board Co., Inc. Article supporting and containing cartons. 2,743,009, 4-24-56, Cl. 206-58.
- Williamson, Martin B.: *See—*
- McDonald, Hugh, and Williamson. 2,768,948.
- Williamson, Norman B., to Jarman-Williamson Co. Short bag golf club carrier. 2,774,403, 12-18-56, Cl. 150-15.
- Williamson, Norman B., to Jarman-Williamson Co. Foldable cart for magbbs. 2,775,464, 12-25-56, Cl. 280-38.
- Williamson, T. D., Inc.: *See—*
- Ver Nooy, Burton. 2,750,612.
- Ver Nooy, Burton. 2,771,096.
- Williamson, Thomas C.: *See—*
- Lambert, Pierre, Williamson, and Kraft. 2,760,850.
- Williamson, Thurmond A.: *See—*
- Williamson, Byron and T. A. 2,771,390.
- Williamson, Truman D., Jr. Pipe line spacer and insulator. 2,749,944, 6-12-56, Cl. 138-65.
- Williamson, Truman D., Jr. Insulated sealing apparatus for concentric conduits. 2,765,182, 10-2-56, Cl. 285-54.
- Williamson, William C.: *See—*
- Richardson, Allan S., and Williamson. 2,740,609.
- Willford, Alvin C., and F. R. Williams. Article of fabric and method and means for making the same. 2,775,295, 12-25-56, Cl. 160-348.
- Willford, Jacob V., to Lido Land Co. Magnet conversion of axial to rotary motion. 2,745,027, 5-8-56, Cl. 310-103.
- Willford, Jacob V., Jr., to Lido Land Co. Plural unit induction motor. 2,749,459, 6-5-56, Cl. 310-122.
- Willing, Joseph E.: *See—*
- Little, Robert J., and Willing. 2,749,454.
- Willingham, Elijah N. Vehicle sway stabilizer. 2,770,468, 11-13-56, Cl. 280-112.
- Willis, Floyd. Automatic dimming system. 2,759,124, 8-14-56, Cl. 315-83.
- Willis, Frank M. Wheel attachment. 2,754,873, 7-17-56, Cl. 152-183.
- Willis, George H. Rubber dental cushion having lubricant coating. 2,771,675, 11-27-56, Cl. 32-2.
- Willis, Grant N.: *See—*
- Clary, Frank A., Jr., and Willis. 2,767,411.
- Willis, Grant N. Method and apparatus for attaching lugs to shafts. 2,768,229, 10-30-56, Cl. 230-418.
- Willis, Grant N., and L. H. Seccombe, Jr., to United Shoe Machinery Corp. Twine jointing machine. 2,765,003, 10-2-56, Cl. 140-93.
- Willis, Marlen C. Roofing tile making machines. 2,734,249, 12-11-56, Cl. 25-43.
- Willis, Richard J.: *See—*
- Koury, Philip, and Willis. 2,749,201.
- Willis, Theodore R.: *See—*
- Forcier, Maurice E., and Willis. 2,751,785.
- Willis, Victor M., to The Sherwin-Williams Co. Freeze stable latex coatings. 2,773,849, 12-11-56, Cl. 260-29.7.
- Willis, Victor M., to The Sherwin-Williams Co. Fortified emulsion paints containing a zirconyl compound. 2,773,850, 12-11-56, Cl. 260-29.7.
- Willison, Ralph E.: *See—*
- Streuber, Rudolf G., Van Hoesen, and Willison. 2,760,143.
- Williston, Samuel H., to Sperry-Sun Well Surveying Co. Method and apparatus for insulating a drill stem in continuous exploration of a bore hole. 2,755,067, 7-17-56, Cl. 255-1.8.
- Williston Seamless Can Co., Inc.: *See—*
- Moore, Mark E. 2,742,873.
- Willits, Charles O.: *See—*
- Nagelski, Joseph, Willits, Porter, and White. 2,760,870.
- Willits, George W.: *See—*
- Krueger, Bernhard J., and Willits. 2,754,079.
- Willits, Samuel P., to General Motors Corp. Strain-measuring devices. 2,732,713, 1-31-56, Cl. 73-136.
- Willman, Dimond M. Calc puller. 2,737,182, 3-6-56, Cl. 128-352.
- Willman, Philip E., to McGraw Electric Co. Control knob. 2,750,918, 6-10-56, Cl. 116-133.
- Willmore, Charles B., to William F. Jobbins, Inc. Aluminum-magnesium casting alloys. 2,733,991, 2-7-56, Cl. 75-14.7.
- Willmore, Charles B., to William F. Jobbins, Inc. Aluminum-magnesium casting alloys. 2,764,482, 9-25-56, Cl. 75-14.7.
- Willoughby, Anthony H., to General Electric Co. Electric discharge lamp. 2,774,013, 12-11-56, Cl. 315-241.
- Willoughby, Eric O., to E. W. Hicks, Secretary of the Department of Air. Wide band cavity type aerial. 2,769,168, 10-30-56, Cl. 343-746.
- Willoughby, Mark E. Torch support. 2,756,987, 7-31-56, Cl. 260-23.
- Willous, Charles E., to Western Electric Co., Inc. Stripper assembly for punch presses. 2,763,325, 9-18-56, Cl. 164-110.
- Willrodt, Fred L. Bale loader. 2,733,821, 2-7-56, Cl. 214-359.



- Wills, Ervin E., to Federal Electric Products Co. Contact assembly. 2,761,471, 6-19-56, Cl. 200—166.
- Wills, Ervin E., to Federal Electric Products Co. Electric panel enclosure with adjustable cover plate. 2,758,257, 8-7-56, Cl. 317—119.
- Wills, Ervin E., to Federal Electric Products Co. Enclosed panelboard mounting. 2,760,123, 8-21-56, Cl. 317—119.
- Wills, Ervin E., to Federal Electric Products Co. Drawout switch gear. 2,762,878, 9-11-56, Cl. 200—50.
- Wills, Ervin E., to Federal Electric Products Co. Draw-out switch gear. 2,762,879, 9-11-56, Cl. 200—50.
- Wills, Marion C., and W. J. Wills, to Shawnee Mfg. Co., Inc. Ditching machine having swingably mounted clamshell bucket. 2,731,193, 1-17-56, Cl. 214—147.
- Wills, Robert L. Method of welding rubber articles. 2,772,719, 12-4-56, Cl. 154—14.
- Wills, Sydney A., and E. F. J. Gathercole, to Tolimit Gauges Ltd. Gauging devices for checking dimensions and investigating the contour or profile of surfaces. 2,745,188, 5-15-56, Cl. 33—199.
- Wills, Wayne J.: See—
- Wills, Marion C. and W. J. 2,731,193.
- Willsa, Jasper. Roll printing machines. 2,767,651, 10-23-56, Cl. 101—232.
- Willsey, Charles H. Egg cracking mechanism. 2,760,536, 8-28-56, Cl. 146—2.
- Willsey, Charles H. Mechanism for recovering albumen. 2,760,537, 8-28-56, Cl. 146—2.
- Willsey, Charles H. Egg cracking mechanism. 2,771,926, 10-27-56, Cl. 146—2.
- Willmar, William E., to The M-O Valve Co. Ltd. Magnetron oscillators. 2,742,570, 4-17-56, Cl. 250—36.
- Willson, Corwin D. Housekeeping structures. 2,743,955, 5-1-56, Cl. 296—23.
- Willson, Frederick W.: See—
- Willson, Stephen L., Elvings, and Willson. 2,762,437.
- Willson Products, Inc.: See—
- Hoffmaster, George R. 2,747,191.
- Hudson, Raymond A. 2,746,049.
- Mateson, James N., and Bethig. 2,738,788.
- Willard, Leslie A., C. L. Vice, J. P. Armstrong, and L. P. Ruman. Electronic Corp. Frequency displays for a radio receiver or the like. 2,738,757, 3-20-56, Cl. 116—124.1.
- Willard, Leslie A., and I. R. V. Taegstrom; said Taegstrom now by change of name Ralph Textrom, to Hoffman Electronics Corp. Radio frequency transformer and coil form. 2,739,731, Cl. 336—2.
- Wilmer, Rudolph H., and C. R. Reitzel, to The General Fireproofing Co. Drawer suspension. 2,757,051, 7-31-56, Cl. 308—3.6.
- Wilmer, Rudolph H., and C. R. Reitzel, to The General Fireproofing Co. Drawer suspension. 2,759,773, 8-21-56, Cl. 308—3.6.
- Wilmut-Breeden Ltd.: See—
- Mansfield, James B. 2,764,439.
- Norman, Alan E. 2,767,010.
- Wilmut Castle, Co.: See—
- Greppin, Ernest H. 2,758,196.
- Wilmot Engineering Co.: See—
- Davenport, Arnold J. 2,763,284.
- Roller, Wilfred L. 2,738,069.
- Wilmot, George L. 2,739,710.
- Wilmot, George L. 2,764,290.
- Wilmot, George L. to Wilmot Engineering Co. Hindered settling separation apparatus. 2,739,710, 3-27-56, Cl. 209—173.
- Wilmot, George L., to Wilmot Engineering Co. Hindered settling separation apparatus. 2,764,290, 9-25-56, Cl. 209—173.
- Wilmotte, Raymond M., to Paderco, Inc. System for deriving the modulation of one frequency modulated wave in the presence of another co-channel frequency modulated wave. 2,744,247, 5-1-56, Cl. 343—206.
- Wilmotte, Raymond M., to Paderco, Inc. Frequency modulation system. 2,758,203, 8-7-56, Cl. 250—10.
- Wilms, Carl A., to Goodman Manufacturing Co. Collapsible boring head for mining machine. 2,734,733, 2-14-56, Cl. 262—7.
- Wilms, Carl A., to Goodman Mfg. Co. Boring type mining machine with tilt limiting means. 2,765,154, 10-2-56, Cl. 262—7.
- Wilms, Hermann. Rotary valve. 2,744,720, 5-8-56, Cl. 251—161.
- Wilpet Tool & Mfg. Co.: See—
- Niclaus, William L. 2,770,209.
- Wilsh, F. E., to Malev Engineering Ltd. Shearing dies comprising strip members which overlap where sharp bends occur. 2,765,034, 10-2-56, Cl. 164—33.
- Wilshusen, Arthur,  $\frac{1}{2}$  to J. B. and M. L. Hills. Pump drive means. 2,732,722, 1-31-56, Cl. 74—31.
- Wilshusen, August E.: See—
- Orrell, Joseph B., and Wilshusen. 2,735,398.
- Wilshusen, August E., to Development Research, Inc. Dispensing valve. 2,766,913, 10-16-56, Cl. 222—394.
- Wilson, Aaron. Lawn edger. 2,737,105, 3-6-56, Cl. 97—227.
- Wilson, Alan W., to Shell Development Co. Oil burner with spill return duct controllable by flow reversal. 2,743,137, 4-24-56, Cl. 209—118.
- Wilson, Alexander L.: See—
- Morris, Leo, Unger, and Wilson. 2,733,234.
- Wilson, Alexander M., H. S. Woodward, H. D. Bailey, and E. A. Lucas, to Molybdenum Corp. of America. Preparatory treatment for froth flotation. 2,741,364, 4-10-56, Cl. 209—11.
- Wilson, Anos J., to Fleco Corp. Tool for cutting roots and pulling stumps. 2,741,041, 4-10-56, Cl. 37—2.
- Wilson, Bert A., to Blaw-Knox Co. Hydraulic roll grinder. 2,748,545, 6-5-56, Cl. 51—166.
- Wilson, Charles S., and D. C. McCormack, to J. A. Wilson Lighting & Display Ltd. Globe holder. 2,735,000, 2-14-56, Cl. 240—128.
- Wilson, Byron L. Branch holder. 2,732,154, 1-24-56, Cl. 248—
- Wilson, Carl T.: See—
- Harper, George C., and Wilson. 2,771,701.
- Wilson, Charles D. Oil well bridge. 2,735,496, 2-21-56, Cl. 166—192.
- Wilson, Charles D., to Allis-Chalmers Mfg. Co. Inlet valve assembly and actuating means for elastic fluid turbines. 2,745,422, 5-13-56, Cl. 137—35.
- Wilson, Charles E., Jr.: See—
- Borth, Paul F., Peterka, and Wilson. 2,740,323.
- Wilson, Charles L., to Prima Industries Ltd. Hydraulic lifting jack. 2,736,531, 2-28-56, Cl. 254—93.
- Wilson, Charles S. Assembly brackets. 2,743,544, 5-1-56, Cl. 41—34.
- Wilson, Charles T., Jr.: See—
- Siler, Albert E., and Wilson. 2,772,572.
- Wilson, Chester E., to Union Oil Co. of California. Distilling a lubricating oil with an aldehyde and a solid reagent to produce color stable lubricating oil fractions. 2,768,122, 10-23-56, Cl. 196—35.
- Wilson, Clarence W., to Sunskist Growers, Inc. Flocculated adsorbents, process of their manufacture and application for decolorizing aqueous solutions. 2,764,512, 9-25-56, Cl. 137—49.
- Wilson, Clark R.: See—
- Dodginton, Sven H. M., and Wilson. 2,753,525.
- Wilson, Clyde C.: See—
- Graebe, Herman C., and Wilson. 2,759,377.
- Wilson & Co., Inc.: See—
- Edgar, Albert C. 2,733,152.
- Edgar, Albert C., and Spanuth. 2,785,854.
- Gaarder, Herbert M. 2,772,195.
- Garapolo, Orlando, and Dornan. 2,768,666.
- Garapolo, Orlando, and Lombardi. 2,741,886.
- Garapolo, Orlando, and Campbell. 2,730,963.
- Moss, Walter E., and Garapolo. 2,762,290.
- Wilson, Daniel F., to Conflo Engineering & Mfg. Co. Gate attaching structure for concrete pipe. 2,751,184, 6-19-56, Cl. 251—147.
- Wilson, Doyle L., to Oil Base, Inc. Well casing protector means. 2,773,750, 12-11-56, Cl. 196—1.
- Wilson, Earl. Automobile drier. 2,770,496, 11-13-56, Cl. 299—58.
- Wilson, Edward B., to The Barlow Corp. Protection of pipe lines. 2,761,979, 9-4-56, Cl. 307—95.
- Wilson, Edward L., to Esso Research and Engineering Co. Countercurrent cascade stripper. 2,756,514, 7-31-56, Cl. 34—168.
- Wilson, Eldon M., to Chainveyor Corp. Hollow tract conveyor. 2,768,733, 10-30-56, Cl. 198—177.
- Wilson, Eliot B. Ball throwing device. 2,729,206, 1-3-56, Cl. 124—1.
- Wilson, Ernest S.: See—
- Seely, George A., Segl, and Wilson. 2,730,888.
- Wilson, Ernest V.: See—
- Black, James F., and Wilson. 2,751,506.
- Matuszak, Alfred H., and Wilson. 2,743,234.
- Wilson, Evelyn H., and M. Tishler, to Merck & Co., Inc. Chemical compounds and processes of preparing the same. 2,773,075, 12-4-56, Cl. 260—397.45.
- Wilson, Fay: See—
- Wilson, Robert W. 2,739,844.
- Wilson, Forbes. Automatic valve control mechanism. 2,763,286, 9-18-56, Cl. 137—486.
- Wilson, Frederick W., to Williams & Wilson Ltd. Conveyor apparatus. 2,740,515, 4-3-56, Cl. 198—19.
- Wilson, George A., to Fabreka Products Co. Railway-tie pad. 2,770,421, 11-13-56, Cl. 238—283.
- Wilson, George C. Electronic delay timer. 2,733,383, 1-31-56, Cl. 315—183.
- Wilson, George E., to Wilson Juicer Corp. Fruit juicer having a coring member and rotatable blades. 2,743,750, 5-1-56, Cl. 146—3.
- Wilson, Glenn R., to Ethyl Corp. Process for reducing alkyl esters of fatty acids. 2,748,175, 5-29-56, Cl. 260—638.
- Wilson, Granville L., to Northrop Aircraft, Inc. Aircraft load ejection device. 2,736,522, 2-28-56, Cl. 244—137.
- Wilson, H. A., Co., The: See—
- Mooradian, Victor G. 2,770,870.
- Wilson, Harold F.: See—
- Craig W. E. and Wilson. 2,775,591.
- Wilson, Harold F., and W. E. Craig, to Rohm & Haas Co. Preparation of  $\alpha$ -dichloromethylbenzhydrols. 2,729,681, 1-3-56, Cl. 260—618.
- Wilson, Harry A. Ladder platform. 2,749,008, 6-5-56, Cl. 228—17.
- Wilson, Harry A., to The A & W Machine Co. Extension for chains pipes. 2,771,908, 11-27-56, Cl. 138—46.
- Wilson, Harry A., and E. C. Alix, to The A & W Machine Co. Bobbin cleaning device. 2,735,158, 2-21-56, Cl. 28—19.

- Wilson, Harry A., and E. C. Altx, to The A & W Machine Co. Bobbin cleaning device. 2,735,159, 2-21-56, Cl. 28-19.
- Wilson, Harry O. Bleeder valve for hydraulic brake systems. 2,771,093, 11-20-56, Cl. 137-614-17.
- Wilson, Herbert W., to The Hoover Co. Suction cleaner nozzle assembly. 2,734,215, 2-14-56, Cl. 15-325.
- Wilson, Herman W., Jr., and C. M. Ott; said Ott assignor to said Wilson. Machine for filling cases or boxes with packages. 2,737,327, 3-6-56, Cl. 226-16.
- Wilson, Howard L.; *See* F. Sayko, and R. G. Newberg, to Esso Research and Engineering Co. Process of petroleum cracking in liquid and vapor phase. 2,736,685, 2-28-56, Cl. 196-59.
- Wilson, Howard L., and R. Drogin, to Esso Research and Engineering Co. Olefin isomerization process. 2,740,820, 4-3-56, Cl. 260-683-2.
- Wilson, Howard L., F. W. Banes, B. I. Smith, and J. F. Nelson, to Esso Research and Engineering Co. Process of petroleum cracking in liquid and vapor phase. 2,736,685, 2-28-56, Cl. 196-59.
- Wilson, Howard L., and R. Drogin, to Esso Research and Engineering Co. Olefin isomerization process. 2,740,820, 4-3-56, Cl. 260-683-2.
- Wilson, Howard L., F. W. Banes, B. I. Smith, and J. F. Nelson, to Esso Research and Engineering Co. Ethylene-higher alkanol polymer wax. 2,754,278, 7-10-56, Cl. 260-28.5.
- Wilson, Howard L., S. B. Robinson, and W. C. Smith, to Esso Research and Engineering Co. Double cements for bonding dissimilar rubbery materials. 2,775,537, 12-25-56, Cl. 154-140.
- Wilson, Hubert R., to The Firestone Tire & Rubber Co. Bead spacer for tubeless tires. 2,754,961, 7-17-56, Cl. 206-46.
- Wilson, Hubert R., and F. J. Bloss, to The Firestone Tire & Rubber Co. Bead spacer for tubeless tires. 2,754,960, 7-17-56, Cl. 206-46.
- Wilson, Hugh M. Push sled. 2,749,138, 6-5-56, Cl. 280-8.
- Wilson, J. A. Lighting & Display Ltd.; *See* Yevric, James V., and Gingo. 2,770,336.
- Wilson, Bertram A., and McCormack. 2,735,000.
- Wilson, Jack P., and W. R. Marshall, Jr., to Proctor and Schwartz, Inc. Rotary dryer. 2,746,170, 5-22-56, Cl. 34-109.
- Wilson, Jack T., and R. J. Byers, to The Louis Allis Co. Apparatus for collecting air contaminants. 2,770,316, 11-13-56, Cl. 183-2.
- Wilson, James; *See* Patrowsky, Joseph A., and Wilson. 2,749,653.
- Wilson, James H., to The Salem Tool Co. Apparatus for distributing comminuted material. 2,735,982, 2-21-56, Cl. 222-43.
- Wilson, Jim. Sheet metal shears. 2,775,033, 12-25-56, Cl. 30-250.
- Wilson, Jesse A.; *See* Faust, Delbert G., and Wilson. 2,744,534.
- Wilson, John E. Spring chair. 2,763,319, 9-18-56, Cl. 155-53.
- Wilson, John H. Quick release valves. 2,764,174, 9-25-56, Cl. 137-102.
- Wilson, John H. Crown block sheave arrangement. 2,766,009, 10-9-56, Cl. 254-145.
- Wilson, John H. Power take-off for trucks. 2,766,628, 12-18-56, Cl. 74-15.88.
- Wilson, John H. Pneumatic clutches. 2,774,453, 12-18-56, Cl. 192-88.
- Wilson, John M.; *See* Gul, Elmer G. 2,732,935.
- Wilson, John M., to Minneapolis-Honeywell Regulator Co. Electrical control apparatus including two condition responsive means. 2,775,291, 12-25-56, Cl. 158-28.
- Wilson-Jones Co.; *See* Marano, Herbert W. 2,741,147.
- Rundblad, George J., and Carrelli. 2,733,552.
- Segal, Samuel. 2,733,893.
- Wilson, Joseph D. C., II, to E. I. du Pont de Nemours and Co. Leather replacement compositions and process. 2,772,995, 12-4-56, Cl. 154-124.
- Wilson Juicer Corp.; *See* Wilson, George E. 2,743,750.
- Wilson, Keith E., to Heatt Engineering Co. Pilot controlled valve for sub-atmospheric and other low pressures. 2,745,026, 15-56, Cl. 251-25.
- Wilson, Kermit H.; *See* Albrecht, Henry P., and Wilson. 2,731,303.
- Wilson, Kermit H. Table and means controlling and guiding the folding thereof into storage position within a housing. 2,739,860, 9-27-56, Cl. 311-16.5.
- Wilson, Kermit H. Folding sectional table. 2,747,958, 5-29-56, Cl. 311-92.
- Wilson, Kermit H. Table-bench having means for controlling and guiding the folding thereof into folding position. 2,771,937, 11-27-56, Cl. 155-124.
- Wilson, La Roy A. Nozzle. 2,762,657, 9-11-56, Cl. 299-120.
- Wilson, Lawrence A., and B. M. Durfee, to International Business Machines Corp. Record controlled machine. 2,738,874, 3-20-56, Cl. 209-110.
- Wilson, Lawrence A., B. V. Kamp, and G. A. Luning, to International Business Machines Corp. Stopping device for card feeding machines. 2,770,459, 11-13-56, Cl. 271-57.
- Wilson, Lucius H., to American Cyanamid Co. Deposition of tacky impregnating agents on cellulosic fibers. 2,769,711, 11-6-56, Cl. 92-21.
- Wilson, Lucius H., to American Cyanamid Co. Manufacture of leather sheets containing normally tacky impregnating agents. 2,769,712, 11-6-56, Cl. 92-21.
- Wilson, Lucius H., to American Cyanamid Co. Method of making asbestos paper containing a tacky bonding agent. 2,769,713, 11-6-56, Cl. 92-21.
- Wilson, Marion C.; *See* Zikmund, Bohumil A., and Wilson. 2,756,471.
- Wilson, Nathan B. Device for finishing floors. 2,735,124, 2-21-56, Cl. 15-131.
- Wilson, Norman A., to Morgan Construction Co. Wire drawing machine. 2,748,925, 6-5-56, Cl. 205-14.
- Wilson, Norman E.; *See* Pinkos, Alfons M., Wilson, and Schroeder. 2,755,040.
- Wilson, Oliver W.; *See* Foster, Warren D., and Wilson. 2,732,754.
- Foster, Warren D., and Wilson. 2,733,021.
- Wilson, Orville E.; *See* Parker, Melvin, and Wilson. 2,742,720.
- Wilson, Peter H. Time control valve. 2,772,067, 11-27-56, Cl. 251-240.
- Wilson, Ralph W. Hypodermic needle. 2,755,802, 7-24-56, Cl. 128-221.
- Wilson, Raymond W.; *See* Russell, Theodore A., Wilson, and Wilson. 2,750,863.
- Sevell, Walter W., and Wilson. 2,744,642.
- Wilson, Raymond W., to Ford Motor Co. Receptacle handling device. 2,729,850, 1-3-56, Cl. 214-313.
- Wilson, Raymond W., to Ford Motor Co. Implement hitch for tractors. 2,729,469, 1-3-56, Cl. 280-456.
- Wilson, Raymond W., to Ford Motor Co. Implement frame. 2,747,486, 5-29-56, Cl. 97-47.8.
- Wilson, Raymond W., to Ford Motor Co. Variable convergence hitch link structure. 2,763,194, 9-18-56, Cl. 97-47.66.
- Wilson, R. H., and H. V. Jepmond, to Hazeltine Research, Inc. Cathode ray tube blanking circuit. 2,760,108, 8-21-56, Cl. 315-22.
- Wilson, Richard M.; *See* Russell, Theodore A., Wilson, and Sanford. 2,761,417.
- Wilson, Richmond W., to Corning Glass Works. Manufacture of glass tubing. 2,765,586, 10-9-56, Cl. 49-17.1.
- Wilson, Robert A., and J. N. Barlow, to Portable Balers Ltd. Baling machines. 2,757,603, 8-7-56, Cl. 100-226.
- Wilson, Robert A.; *See* Stover, William A., and Wilson. 2,773,839.
- Stover, William A., and Wilson. 2,773,845.
- Stover, William A., and Wilson. 2,774,742.
- Wilson, Robert F., to The Firestone Tire & Rubber Co. Fuel cell. 2,772,092, 1-17-56, Cl. 220-63.
- Wilson, Robert W., to Patent and Development, Inc. Applicator for applying chemicals to tobacco plants. 2,730,838, 1-17-56, Cl. 47-1.
- Wilson, Robert W., 50% to F. Wilson. Oil burner. 2,739,844, 3-27-56, Cl. 299-143.
- Wilson, Ronald H., to Kirkstall Forge Engineering Ltd. Differential and reduction gear means for road vehicle axles. 2,737,829, 3-15-56, Cl. 74-694.
- Wilson, Roy W. Closure for collapsible tubes. 2,757,828, 3-27-56, Cl. 222-43.
- Wilson, Rufus W., to Wald Industries Inc. Gun shroud. 2,747,931, 5-29-56, Cl. 299-28.5.
- Wilson, Rufus W., and A. E. Keeley, to Wald Industries Inc. Sphere dispensing apparatus. 2,749,879, 6-12-56, Cl. 118-312.
- Wilson, Samuel A.; *See* Miller, Joseph H., and Wilson. 2,733,528.
- Wilson, Samuel, Jr. Molding for table and counter tops. 2,734,039, 12-14-56, Cl. 31-107.
- Wilson, Samuel W., and T. G. Jones, to Esso Research and Engineering Co. Process for recovery and purification of cyclohexenes from cracked petroleum. 2,733,279, 1-31-56, Cl. 260-666.
- Wilson, Theodore J.; *See* Anderson, John W., and Wilson. 2,751,539.
- Wilson, Thomas A., H. F. Parker, R. J. Kieffer, and R. T. Gillette, to Columbus McKinnon Chain Corp. Method of welding the ends of a chain link wherein initial point contact is obtained between the ends. 2,771,735, 11-27-56, Cl. 59-35.
- Wilson, Thomas L., to National Cylinder Gas Co. Dielectric heating system. 2,765,387, 10-9-56, Cl. 219-10.55.
- Wilson, Thomas W. Concrete wall form. 2,760,249, 8-28-56, Cl. 25-181.
- Wilson, Thomas Y.; *See* Easton, Rufus, and Wilson. 2,772,455.
- Easton, Rufus, and Wilson. 2,775,008.
- Wilson, Walter R., to General Electric Co. Electrical bushing. 2,732,419, 1-24-56, Cl. 174-31.
- Wilson, Wayne E. Golf ball repair fixture. 2,770,218, 11-13-56, Cl. 118-503.
- Wilson, Wayne L., to Boeing Airplane Co. Flexible tube couplings. 2,738,993, 3-20-56, Cl. 285-90.
- Wilson, Will F.; *See* Berry, Paul E., and Anderson. 2,761,099.
- Wilson, William B.; *See* North, Edwin W., and Wilson. 2,733,946.
- North, Edwin W., and Wilson. 2,738,665.
- Wilson, William B., to National Lock Co. Door latch. 2,732,239, 1-24-56, Cl. 292-169.
- Wilson, William K., to the United States of America as represented by the Secretary of Commerce. Iron-catalyzed decomposition of sodium chlorite. 2,739,032, 3-20-56, Cl. 8-108.
- Wilson, William L. Vehicle signals. 2,758,401, 8-14-56, Cl. 40-129.
- Wiltne, Rudolph. Medical ointment retainer. 2,737,953, 3-13-56, Cl. 128-361.
- Wiltse, Harold L., to G. C. Harval Inc. Boat stabilizers. 2,757,629, 8-7-56, Cl. 114-125.
- Wiltse, Harold L.; *See* Beaudry, John R., and Wiltse. 2,742,898.



- Wiltse, Sumner D. Ball detent tube coupling. 2,747,898, 5-29-56, Cl. 285-142.
- Wiltse, Sumner D. Ball compression type tube fitting. 2,747,899, 5-29-56, Cl. 285-166.
- Wiltsey, Howard E. *See*—  
Heth, Sherman C., Krause, and Wiltsey. 2,771,731.
- Wily, James H. Gas gun. 2,754,607, 7-17-56, Cl. 42-55.
- Wily, James H. Cigar or cigarette refuse receiver. 2,763,396, 1-18-56, Cl. 220-20.5.
- Wimberly, Floyd T. *See*—  
Mercer, William R., Wimberly, and St. Jean. 2,750,565.
- Wimberly, Floyd T. to Raytheon Mfg. Co. Reliability indicators. 2,729,814, 1-3-56, Cl. 343-7.
- Wimberly, Floyd T. to Raytheon Mfg. Co. Antenna systems. 2,729,815, 1-3-56, Cl. 343-100.
- Wimble, Marcus L. Electronic test prod. clip and wire tapper. 2,769,155, 10-30-56, Cl. 339-108.
- Wimer, Baxter B. Crescent shaped fish lure. 2,766,545, 10-16-56, Cl. 43-42.48.
- Wimmer, Ernest L., and G. D. Lakata, to The American Sugar Refining Co. Production of dextran. 2,775,540, 12-25-56, Cl. 195-31.
- Wimmer, Josef, to Wacker-Chemie G. m. b. H. Process for manufacturing ethylenediamine hydrochloride. 2,760,979, 8-28-56, Cl. 260-585.
- Wimmerstedt, Nils A. H. *See*—  
Nyander, Sven H., Skoog, and Wimmerstedt. 2,738,175.
- Wimpey, Harry E. Apron blanket for multicolor printing presses. 2,740,355, 4-3-56, Cl. 101-420.
- Wimpfheimer, Harry E. Apparatus for pre-positioning printing plates. 2,770,049, 11-13-56, Cl. 33-184.5.
- Winberg, Hilmer B. *See*—  
Albiseti, Charles J., Barney, Cairns, and Winberg. 2,729,822.
- Winberg, Nolan W., to T. W. Winberg. Means for heating labels. 2,753,430, 7-3-56, Cl. 219-19.
- Winberg, Ragnar W., to O & W Sewing Machine Attachments Inc. Buckle-forming machine. 2,739,367, 3-27-56, Cl. 29-3.
- Winberg, Ragnar W., to Sew-Mation Inc. Dual rotary feed. 2,741,197, 4-10-56, Cl. 112-214.
- Winberg, T. W. *See*—  
Winberg, Nolan W. 2,753,430.
- Winborn, Byron R., Jr. Animal commode. 2,741,223, 1-19-56, Cl. 119-16.
- Wince, Orren V. *See*—  
Throop, Charles C., and Wince. 2,765,266.
- Wince, Veal S., to Holophane Co., Inc. Enclosed direct lighting fixtures. 2,732,482, 1-24-56, Cl. 240-11.2.
- Wince, Veal S., to Holophane Co., Inc. Direct lighting fixtures. 2,732,483, 1-24-56, Cl. 240-93.
- Wincenciak, Leonard J. Shockproof gear. 2,739,462, 3-27-56, Cl. 64-27.
- Winchester, Charles P., deceased, by D. Winchester, administrator. Insert pump cage having reciprocal valve. 2,711,902, 11-27-56, Cl. 137-332.
- Winchester, Dollie *See*—  
Winchester, Charles P. 2,771,902.
- Winchester, John H. *See*—  
Carpenter, James S., Shutt, and Winchester. 2,744,286.
- Winder, Richard H. B., to National Coal Board. Drilling bit. 2,766,011, 10-9-56, Cl. 255-43.
- Winder, Samuel E., to H. C. Daubenspeck. Bottle forming machine. 2,757,484, 8-7-56, Cl. 49-9.
- Windle, Mary K. Tube toy. 2,738,616, 3-20-56, Cl. 46-1.
- Windsor, Alfred A., to the United States of America as represented by the United States Atomic Energy Commission. Current measuring device. 2,739,285, 3-20-56, Cl. 324-117.
- Windsor, Charles A., to Western Electric Co., Inc. Multiple unit capstan. 2,748,923, 6-5-56, Cl. 203-320.
- Windsor, W. C., Jr. *See*—  
Dodd, David H. 2,732,607.
- Windsor, Walter E., Jr., and F. Sobel, to Bendix Aviation Corp. Hypsometer. 2,741,921, 4-17-56, Cl. 73-384.
- Winegar, Hubbard H. Grinding wheel tools. 2,748,761, 6-5-56, Cl. 125-11.
- Wineman, Robert J. *See*—  
Bliss, Edward S., and Wineman. 2,745,745.
- Wineman, Walter G., Jr. Demountable racks. 2,738,883, 3-20-56, Cl. 211-143.
- Winer, Baruch. Method of making soap. 2,753,363, 7-3-56, Cl. 260-413.
- Winer, Max, to the United States of America as represented by the Secretary of War. Messenger pouch destroyer. 2,763,209, 9-18-56, Cl. 102-8.
- Winer, Melvin, to Winer Sportswear, Inc. Infant's convertible garment. 2,738,512, 3-20-56, Cl. 2-80.
- Winer Sportswear, Inc. *See*—  
Winer, Melvin. 2,738,512.
- Wines, Harry T., to Swingline, Inc. Stapling machine. 2,753,559, 7-10-56, Cl. 1-3.
- Wines, William B., to Western Electric Co., Inc. Combined respirator and face shield. 2,740,400, 4-3-56, Cl. 128-146.
- Winfield Co., Inc. *See*—  
Frank, Richard J. 2,774,975.
- Winfield, Walter A. *See*—  
Gacki, Leonard W., and Winfield. 2,747,482.
- Winfield, William S., to General Electric Co. High-frequency tuning apparatus. 2,758,212, 8-7-56, Cl. 250-40.
- Winfree, Robert N., to Kel-Win Mfg. Co., Inc. Manual and automatic valves. 2,745,627, 5-15-56, Cl. 251-75.
- Wing, L. J., Mfg. Co. *See*—  
Wheller, Harry S. 2,741,971.
- Wheller, Harry S. 2,773,639.
- Wing, Oscar T., Scott, and Wing. 2,762,123.
- Wingate, John L. Implement for engaging a line with a remote object. 2,730,985, 1-17-56, Cl. 114-230.
- Wingerroth, Roy L. *See*—  
Steckle, Charles, and Wingerroth. 2,736,440.
- Winger, Raymond C. Dolly with disassembly facilitating means. 2,774,609, 12-18-56, Cl. 280-79.1.
- Winger, Stover C., 15% to J. Flam. Selective one-way drive. 2,762,478, 9-11-56, Cl. 192-43.
- Wingerd, Winston H. *See*—  
Richard J., Wingerd, and Henderson. 2,758,965.
- Winget Ltd. *See*—  
Butler, Herbert G. F. 2,758,726.
- Wingfoot Corp. *See*—  
Taylor, Charles W. 2,732,630.
- Wingrove, Claude O. Walking ladder construction. 2,776,688, 12-25-56, Cl. 304-9.
- Winkel, Herbert C. Pressure controller for a grid pasting machine. 2,738,911, 3-20-56, Cl. 226-39.6.
- Winkel, Herbert C. Belt aligner. 2,750,805, 6-19-56, Cl. 74-240.
- Winkel, Herbert C. Device for holding battery plates in position during burning. 2,759,445, 8-21-56, Cl. 133-59.
- Winkel, Herbert C. Method of feeding battery plate grids to a pasting station. 2,761,602, 9-4-56, Cl. 226-39.6.
- Winkel, Herbert C. Paste control for battery grid pasting machine. 2,762,543, 9-11-56, Cl. 226-39.6.
- Winkel, Herbert C. Method for casting metal battery parts. 2,763,039, 8-18-56, Cl. 22-57.
- Winkel, Jan T. *See*—  
De Boer, Sjoerd, and Winkel. 2,760,009.
- Winkelman, Harvey E., and H. E., Jr.; said H. E. Winkelman, Jr., assor. to said H. E. Winkelman. Propeller and pump assembly. 2,739,629, 2-7-56, Cl. 115-5.
- Winkelman, Harvey E., Jr. *See*—  
Winkelman, Harvey E. and H. E., Jr. 2,733,679.
- Winkelman, R. B. *See*—  
Reifsteck, Francis. 2,735,715.
- Winkle, Ottmar, to Maschinenfabrik Augsburg-Nürnberg A. G. Spate wheel roller. 2,759,948, 7-24-56, Cl. 214-454.
- Winklepleck, Roy C., to Apra Precipitator Corp. Drawer removal for precipitator electrodes and collectors. 2,738,027, 3-13-56, Cl. 183-7.
- Winkler, Albert H. *See*—  
Hisey, William E., and Winkler. 2,753,218.
- Winkler, Albert H., to Bendix Aviation Corp. Carburetor. 2,750,168, 6-12-56, Cl. 261-41.
- Winkler, Albert H., to Bendix Aviation Corp. Internal combustion engine. 2,757,651, 8-7-56, Cl. 123-52.
- Winkler, Albert H., to Bendix Aviation Corp. Engine starting device. 2,757,654, 9-11-56, Cl. 123-52.
- Winkler, Albert H., to Bendix Aviation Corp. Automotive control mechanism. 2,765,670, 10-9-56, Cl. 74-472.
- Winkler, Albert H., to Bendix Aviation Corp. Automotive vehicle control mechanism. 2,770,146, 11-13-56, Cl. 74-472.
- Winkler, Albert H., to Bendix Aviation Corp. Starter switch. 2,770,691, 11-13-56, Cl. 200-619.
- Winkler, Albert H., Jr., to Bendix Aviation Corp. Multiple cylinder internal combustion engine. 2,745,391, 5-15-56, Cl. 123-90.
- Winkler, Charles, to Ludwin Corp. Hair curler. 2,732,845, 1-3-56, Cl. 132-42.
- Winkler, Gilbert. Dishes or plates. 2,771,754, 11-27-56, Cl. 65-15.
- Winkler, Joseph, to American Collo Corp. Tobacco smoke filter and method. 2,770,241, 11-13-56, Cl. 131-208.
- Winkler, Lewis A., and W. E. Wadley, to Esso Research and Engineering Co. Non-gelling bituminous composition and a method of preparing it. 2,764,495, 9-25-56, Cl. 106-123.
- Winkler, Marion R., to Motorola, Inc. Audio compression system. Re. 24,110, 1-17-56, Cl. 332-18.
- Winkler, Richard, and K. D. Dumbieher, to Berkley Machine Co. Apparatus for applying cuts in envelope blanks and the like. 2,770,303, 11-13-56, Cl. 164-64.
- Winks, John L. *See*—  
Dickinson, William, Winks, and Tidd. 2,733,959.
- Winn, Beattie E. *See*—  
Mann, Jesse L. 2,763,091.
- Winn, John, to Wynnwood Corp. Transfer and conveying devices. 2,742,133, 4-17-56, Cl. 198-27.
- Winn, John, to Wynnwood Corp. Unit dispensing devices. 2,743,820, 5-1-56, Cl. 211-49.
- Winn, John, and S. S. Peterson, to Wynnwood Corp. Force multiplying punching devices utilizing relative movements. 2,736,379, 2-28-56, Cl. 164-90.
- Winn, Robert G., to American Deacalcomania Co., Inc. Stamping machine. 2,736,448, 2-28-56, Cl. 216-30.
- Winn, W. J. *See*—  
Mann, Jesse L. 2,763,091.
- Winnberg, Sven F. Palatable dental prosthesis. 2,752,680, 7-3-56, Cl. 32-3.
- Winnen, Franklyn E. *See*—  
Benjamin, Milton L., and Winnen. 2,739,818.
- Winnor, Bernard M., to American Maize-Products Co. Method of making non-lumping starch mixture and the resulting composition. 2,749,244, 6-5-56, Cl. 99-139.
- Winning, Amy *See*—  
Wallace, Leta. Re. 24,195.

- Winning, Clarence H., to E. I. du Pont de Nemours and Co. Cast explosive composition. 2,733,139, 1-31-56, Cl. 52-7.
- Winnigstad, Chester N., and Q. A. Kerns, to the United States of America as represented by the United States Atomic Energy Commission. Phase meter. 2,771,582, 11-20-56, Cl. 324-35.
- Wingograd, Harold, to Allis-Chalmers Mfg. Co. System for maintaining the regulating means of an electric converter operative over a wide range. 2,775,732, 12-25-56, Cl. 321-19.
- Wingograd, Harold, to Allis-Chalmers Mfg. Co. System for obtaining a predetermined division of load between a plurality of paralleled converters. 2,775,733, 12-25-56, Cl. 321-27.
- Winkow, Peter, and E. J. Ellis. Self-service market construction. 2,743,827, 5-1-56, Cl. 214-16.1.
- Winkow, Peter, Jr., to Philco Corp. Post-pulse clipping circuit for pulse modulators. 2,744,195, 5-1-56, Cl. 250-27.
- Winona Tool Mfg. Co.: *See*—  
Fuglie, Elmer A. 2,736,955.  
Fuglie, Elmer A. 2,738,158.  
Fuglie, Elmer A. 2,771,719.  
Fuglie, Elmer A., and Weinmann. 2,733,074.
- Winkulst, Gustaf W.: *See*—  
Rose, Carl, and Winkulst. 2,754,537.
- Winsburg, Helmer E., to E. I. du Pont de Nemours and Co. Quaternary ammonium monomers and polymers thereof. 2,744,130, 5-1-56, Cl. 260-482.
- Winship, Edward J.: *See*—  
Ward, William F., and Winship. 2,758,838.
- Winslow, Charles A., and L. L. Moore, to Winslow Engineering Co. Lubricant purifier. Re. 2,438, 4-3-56, Cl. 210-148.
- Winslow Engineering Co.: *See*—  
Winslow, Charles A., and Moore. Re. 2,438.
- Winslow, Field H.: *See*—  
Baker, William O., and Winslow. 2,758,940.
- Winslow, Kenelm W.: *See*—  
Seaton, Frederic B., Perkins, and Winslow. 2,760,282.
- Winson, Jonathan, to Air Baby, Inc. Waterproof mittens. 2,737,602, 3-13-56, Cl. 2-158.
- Winsor, Philip L., to Shell Development Co. Antistatic treatment of textile yarns. 2,730,464, 1-10-56, Cl. 117-139.5.
- Winstead, Thomas W., to Hedwin Corp. Extrusion apparatus. 2,734,224, 2-14-56, Cl. 18-12.
- Winstead, Thomas W., to Hedwin Corp. Extruded flexible and hollow articles and method of making same. 2,748,401, 6-5-56, Cl. 9-21.
- Winstead, Thomas W., to Hedwin Corp. Liner for composite containers. 2,748,673, 6-5-56, Cl. 93-35.
- Winstead, Thomas W., to Hedwin Corp. Reinforced spiral plastic pipe. 2,748,676, 6-5-56, Cl. 158-74.
- Winstead, Thomas W., to Hedwin Corp. Method of making molds for thermoplastics. 2,749,294, 6-5-56, Cl. 204-6.
- Winstead, Thomas W., to Hedwin Corp. Mold for thermoplastic materials. 2,752,632, 7-3-56, Cl. 18-1.
- Winstead, Thomas W., to Hedwin Corp. Apparatus for forming and embossing thermoplastic materials. 2,765,493, 10-9-56, Cl. 18-19.
- Winstead, Thomas W., to Hedwin Corp. Thermoplastic film heat sealing element. 2,766,365, 10-9-56, Cl. 219-19.
- Winsted Hardware Mfg. Co.: *See*—  
Collura, Francesco. 2,761,659.  
De Angelis, Angelo C. 2,765,550.
- Wintenberg, Adelbert C., to General Steel Castings Corp. Railway motor truck. 2,737,904, 3-13-56, Cl. 105-59.
- Wintenberg, Adelbert C., to General Steel Castings Corp. Railway truck. 2,769,401, 11-6-56, Cl. 105-59.
- Winter, Arthur J., to Telecomputing Corp. Position determining device. 2,765,459, 10-2-56, Cl. 340-347.
- Winter, August P. Method for unloading vehicles. 2,774,493, 12-18-56, Cl. 214-53.
- Winter, Cecil C. Compass instrument for measuring and making uneven surfaces. 2,729,891, 1-10-56, Cl. 33-21.
- Winter, Charles H., Jr., to E. I. du Pont de Nemours and Co. Lined metal reduction apparatus. 2,758,831, 8-14-56, Cl. 266-24.
- Winter, Charles H., Jr., to E. I. du Pont de Nemours and Co. Method of producing refractory metals. 2,763,542, 9-18-56, Cl. 75-84.5.
- Winter, Charles H., Jr., to E. I. du Pont de Nemours & Co. Production of titanium metal. 2,773,760, 12-11-56, Cl. 75-84.5.
- Winter, Charles H., Jr., and E. L. Anderson, to E. I. du Pont de Nemours & Co. Method of producing refractory metals. 2,744,006, 5-1-56, Cl. 75-84.
- Winter, David F., to the United States of America as represented by the Secretary of the Navy. Time jitter measuring system. 2,750,563, 6-12-56, Cl. 324-68.
- Winter, John S., G. W. Kellie, and J. J. Mazzoni, to McDonnell Aircraft Corp. Convertible pulse jet and ram jet engine. 2,745,248, 5-15-56, Cl. 60-35.6.
- Winter, Lloyd: *See*—  
Sherwood, John, and Winter. 2,755,442.
- Winter, Lloyd H., to the United States of America as represented by the Secretary of the Navy. Reset switch. 2,754,379, 7-10-56, Cl. 200-6.
- Winter, Mahlon A.: *See*—  
Schulze, Richard B., Hessler, Davison, and Winter. 2,754,786.
- Winter, Melvin. Feed dispensing silo. 2,747,546, 5-29-56, Cl. 119-52.
- Winter, Nikolaus: *See*—  
Von Schmoller, Fritz, and Winter. 2,753,679.
- Winter, Paul H., and W. F. Zimmerman, to Fass & Seymour, Inc. Sliding button snap switch. 2,759,058, 8-14-56, Cl. 200-7.
- Winter, Percy. Needles. 2,729,372, 1-3-56, Cl. 223-102.
- Winterbottom, Robert, P. Eichler, and C. Pidacks, to American Cyanamid Co. Purification of chlorotetracycline. 2,763,682, 9-18-56, Cl. 260-559.
- Winterbottom, Robert C., to Hughes Aircraft Co. Microwave frequency standard. 2,767,376, 10-16-56, Cl. 324-81.
- Winterburn, George A.: *See*—  
Walworth, Clarence B., Winterburn, and Lawrence. 2,753,474.
- Winterbottom, George A., C. B. Walworth, and L. E. Lawrence; said Walworth and said Lawrence assors, to said Winterburn. Timing actuator with hydraulic link. 2,771,287, 11-20-56, Cl. 264-13.
- Wintercorn, Andrew P.: *See*—  
Hamborg, Peter M. 2,740,210.
- Winterhoff, Albert: *See*—  
Dahlhaus, Hermann, and Winterhoff. 2,732,530.
- Wintermute, Harry A., to Research Corp. Gas cleaning method and apparatus. 2,740,493, 4-3-56, Cl. 183-7.
- Winters, Arthur. Frequency selective amplifier circuit. 2,730,577, 1-10-56, Cl. 179-171.
- Winters, Daniel J. Spiral concentrator. 2,740,523, 4-3-56, Cl. 208-211.
- Winters, Heinrich K.: *See*—  
Appenrodt, Georg J., and Winters. 2,741,845.
- Winters, James R.: *See*—  
Agostini, Victor A., and Winters. 2,750,088.
- Winters, William E., to American Can Co. Horn support for can bodymaker. 2,741,204, 4-10-56, Cl. 113-12.
- Winterstein, Alfred: *See*—  
Marbet, Roman, and Winterstein. 2,768,198.
- Winther, Anthony, to Eaton Mfg. Co. Magnetic fluid mix-clutch. 2,745,527, 5-15-56, Cl. 192-21.5.
- Winther, Martin P., to Eaton Mfg. Co. Electromagnetic plate clutch. 2,738,044, 3-13-56, Cl. 192-21.5.
- Winther, Martin P., to Eaton Mfg. Co. Multiple speed transmission. 2,739,487, 3-27-56, Cl. 74-330.
- Winthrop-Atkins Co., Inc.: *See*—  
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Nichols, Gordon E. 2,755,582.
- Winthrop, Stanley O., and G. A. Grant, to American Home Products Corp. Triazine diuretic and process for preparing the same. 2,737,130, 10-16-56, Cl. 260-249.6.
- Wintle, Harry D. Jr., and G. E. Strom. Electromagnetic dynamometer. 2,744,409, 5-8-56, Cl. 73-134.
- Wintle, Thomas D. G., to J. A. Crabtree & Co., Ltd. Electric switches and circuit breakers. 2,773,150, 12-4-56, Cl. 206-7.
- Wintriss, George, to Wintriss Inc. Sound maker holder. 2,763,960, 9-25-56, Cl. 46-180.
- Wintriss Inc.: *See*—  
Wintriss, George. 2,763,960.
- Wintrade, Warner: *See*—  
Kunz, William J., Jr., and Wintrade. 2,762,194.
- Winz, Karl: *See*—  
Konrad, Luise, and Winz. 2,756,818.
- Winz, Otto C., to Winzen Research, Inc. Balloon. 2,758,803, 8-14-56, Cl. 244-31.
- Winzen, Otto C. and V. H. H., to Winzen Research, Inc. Skin stressed balloon. 2,756,948, 7-31-56, Cl. 244-31.
- Winzen Research, Inc.: *See*—  
Winzen, Otto C. 2,758,803.  
Winzen, Otto C. and V. H. H. 2,756,948.
- Winzen, Vera H.: *See*—  
Winzen, Otto C. and V. H. H. 2,756,948.
- Wipff, Frank P.: *See*—  
Paslay, Le Roy C., Pavey, and Wipff. 2,729,300.
- Wire Assemblies Corp.: *See*—  
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- Wire Coating and Mfg. Co.: *See*—  
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- Wire Machinery Corp. of America, Inc.: *See*—  
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- Wiremold Co.: *See*—  
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Parks, William E. 2,743,423.  
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- Wire-O-Corp.: *See*—  
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- Wiretex Mfg. Co., Inc.: *See*—  
Garofalo, Emil V. 2,785,159.
- Wirges, Edward W. Vehicle automatic transmission dial illuminator. 2,762,906, 9-11-56, Cl. 240-7.1.
- Wirgin, Joseph. Lens tube for single lens reflex camera. 2,751,826, 6-20-56, Cl. 95-64.
- Wirgin, Albert R. Cushioned mountings for guide rollers of crawler tracks. 2,775,492, 12-25-56, Cl. 305-10.
- Wirkler, Walter H., to Collins Radio Co. Carrier-sensing anti-noise receiving system. 2,761,062, 8-28-56, Cl. 250-20.
- Wirsching, Robert J.: *See*—  
Links, Heinrich K., Pauling, and Wirsching. 2,757,653.
- Wirsching, Robert J., to Daimler-Benz Aktiengesellschaft. Devices on injectors in internal-combustion engines. 2,753,216, 7-3-56, Cl. 299-107.1.
- Wirshing, Ralph J., to General Motors Corp. Coating material resistant to deterioration and chalking. 2,731,354, 1-17-56, Cl. 106-14.



- Wirsig, Leo H. Double duty disk harrow. 2,771,729, 11-27-56, Cl. 55-81.
- Wirt, John H. Wire twisting device. 2,739,623, 3-27-56, Cl. 140-149.
- Wirt, John R., and K. P. Shetterly, to General Motors Corp. Welding method. 2,755,368, 7-17-56, Cl. 219-10.
- Wirth, Emil O., and P. Barbi, to Bendix Aviation Corp. Carburetor. 2,736,539, 2-28-56, Cl. 261-34.
- Wirth, James F. Control system for power operated fluid pumps. 2,767,277, 10-16-56, Cl. 200-83.
- Wirth, Josef. Printing cylinders. 2,754,849, 7-17-56, Cl. 138-79.
- Wirth, Max M., and W. J. Oldham, to The British Petroleum Co. Ltd. Production of esters. 2,706,269, 10-9-56, Cl. 260-459.
- Wirth, Otto J., to Micafil A.-G. Coil winding machine. 2,762,629, 9-4-56, Cl. 242-4.
- Wirth, Richard R. Belt attached wallet carrier. 2,765,110, 10-2-56, Cl. 224-26.
- Wirth, Robert A., 50% to L. E. Harris. Soil pulverizer and leveler. 2,755,717, 7-24-56, Cl. 97-9.
- Wirth, Walter V., and S. E. Krahler, to E. I. du Pont de Nemours & Co. Triaminodiphenyl ethers and sulfides. 2,765,341, 10-2-56, Cl. 260-571.
- Wirts, John J. Apparatus for purifying liquid materials. 2,774,585, 12-18-56, Cl. 261-122.
- Wirtz Co.: See—
- Wirtz, Robert W. 2,742,830.
- Wirtz, Robert W. 2,742,831.
- Wirtz, Robert W., to Wirtz Co. Self-positioning phototypographical matrix. 2,742,830, 4-24-56, Cl. 95-4.5.
- Wirtz, Robert W., to Wirtz Co. Photocomposing unit. 2,742,831, 4-24-56, Cl. 95-4.5.
- Witz, A. H., Inc.: See—
- Darlington, Henry S., Jr. 2,761,598.
- Darlington, Henry S., Jr. 2,769,583.
- Dresden, Mark K., and Snyder. 2,742,202.
- Witz, Ernst. Crane truck. 2,746,612, 5-22-56, Cl. 212-59.
- Wishar Corp.: See—
- Wiesner, Alfred. 2,761,398.
- Wischermann, Walter: See—
- Rottig, Walter, and Wischermann. 2,753,367.
- Wischusen, Henry F., to Post Machinery Co. Box blank folding machine and method. 2,765,714, 10-9-56, Cl. 93-49.
- Wiscusin Alumni Research Foundation: See—
- Fitzgerald, Edwin R. 2,774,239.
- Schroeder, Collin H., and Link. 2,765,321.
- Wahlin, Hugo B. 2,749,293.
- Wiscusin Hydraulics, Inc.: See—
- Anderson, Perry. 2,763,053.
- Wiscusin Maltins Co.: See—
- Kneen, Eric. 2,748,002.
- Wiscusin Marine Co.: See—
- Gottelman, Robert O. 2,770,894.
- Wise, Bernard, to Radio Corp. of America. High gain frequency multipliers. 2,762,918, 9-11-56, Cl. 250-36.
- Wise, Cecil D.: See—
- Kennard, Kenneth F., and Wise. 2,767,022.
- Wise, David L., 50% to S. Hortsch. Piston pin tool. 2,766,515, 10-16-56, Cl. 29-280.
- Wise, Eugene P. Method of controlling seed germination by using a composite seed assembly. 2,736,139, 2-28-56, Cl. 47-58.
- Wise, Herman J., to P. R. Mallory & Co., Inc. Vibrator mechanism. 2,732,457, 1-24-56, Cl. 200-90.
- Wise, Kenneth J. Dresser for abrasive wheels. 2,742,891, 4-24-56, Cl. 125-37.
- Wise, Louis R. Fishing tool. 2,732,250, 1-24-56, Cl. 294-102.
- Wise, Peter J.: See—
- Glanville, Roy, and Wise. 2,764,773.
- Wise, Raleigh J.: See—
- Ridings, Garvice H., Hackenberg, Wise, Worthen, and Zabriskie. 2,732,276.
- Ridings, Garvice H., and Wise. 2,767,242.
- Wise, Ralph H., to Ford Motor Co. Windshield washer construction. 2,729,507, 1-8-56, Cl. 299-151.
- Wise, Ralph H., to Ford Motor Co. Door lock. 2,738,212, 3-13-56, Cl. 292-280.
- Wise, Robert A.: See—
- Crowley, George C., and Wise. 2,768,273.
- Wise, Robert T., to The Cream Cone Machine Co. Machine for making wafers and forming them into cones. 2,756,696, 7-3-56, Cl. 107-4.
- Wise, William F. Apparatus for unseating milk can covers. 2,735,602, 2-21-56, Cl. 226-129.
- Wise, William F. Combination folding ruler, square and level. 2,741,030, 4-10-56, Cl. 33-89.
- Wise, William T., to Phillips Petroleum Co. Production of cyclohexanone oxime. 2,756,258, 7-24-56, Cl. 260-566.
- Wiselogle, Frederick Y., K. A. Losee, and J. Bernstein, to Olin Mathieson Chemical Corp. Pyridine derivatives. 2,758,116, 8-7-56, Cl. 260-294.8.
- Wiseman, Adolph D. Dental tool having shock absorbing mounting. 2,752,682, 7-3-56, Cl. 32-27.
- Wiseman, Joseph H. File cabinets. 2,769,679, 11-6-56, Cl. 312-350.
- Wiseman, William A., to Continental Motors Corp. Aircraft engine. 2,741,234, 4-10-56, Cl. 123-119.
- Wiseman, William A., to W. & A. Gilbey Ltd. Method of stabilizing wines. 2,754,212, 7-10-56, Cl. 99-35.
- Wiseman, William A., to Continental Motors Corp. Integral crankcase and gearcase assembly for an internal combustion engine. 2,764,143, 9-25-56, Cl. 123-195.
- Wisenbaker, Thomas C., M. R. Richmond, and B. R. Cole, to Raytheon Mfg. Co. Clipping amplifiers. 2,739,191, 3-20-56, Cl. 179-171.
- Wisnabach, Howard M. Tractor-trailer brake system. 2,761,529, 9-4-56, Cl. 188-3.
- Wiser, Henry J., to J. D. Giles. Heat insulation blankets. 2,749,262, 6-5-56, Cl. 154-45.
- Wiser, Hubert J., Sr., to Henney Motor Co., Inc. Oil burner. 2,771,143, 11-27-56, Cl. 158-36.3.
- Wiser, Jacques N. Process and devices for the submitting successively of bottles and other receptacles to exhaustion and pressure. 2,729,381, 1-8-56, Cl. 226-116.
- Wiser, Joseph H. Marine growth cutting attachment for outboard motors. 2,739,435, 3-27-56, Cl. 56-8-8.
- Wisher, Thomas L., to Sinclair Refining Co. Prevention of corrosion. 2,739,050, 3-20-56, Cl. 44-72.
- Wishon, Evia L., deceased; M. A. Kamper, administratrix,  $\frac{1}{4}$  to M. E. Sooter. Safety brake for cars and trucks. 2,733,779, 2-7-56, Cl. 188-106.
- Wisman, Franklin O., to Bendix Aviation Corp. Magnetic clutch and control therefor. 2,774,452, 12-18-56, Cl. 192-84.
- Wismer, Kenneth R.: See—
- Hollabaugh, Max G., Sher, and Wismer. 2,772,135.
- Wisner, Julie U.: See—
- Patric, Geoffrey A., and Wisner. 2,758,840.
- Wisner, Kenneth M. Diving board. 2,764,413, 9-25-56, Cl. 272-66.
- Wisniewski, Leo J.: See—
- Wisniewski, Leo J. 2,759,260.
- Wisniewski, Leo J., to A. Jakubowski, and L. J. Wisniewski. Clear clipper. 2,759,260, 8-21-56, Cl. 30-112.
- Wissel, Francis A., N. W. Parker, and F. L. Wedig, to Avco Mfg. Corp. Single-tube control circuit for horizontal and vertical deflecting systems of a television receiver. 2,739,182, 3-20-56, Cl. 178-7.3.
- Wissley, Zolman R., and G. L. MacPherson, to General Electric Co. Injection head for jet propulsion system. 2,753,687, 7-10-56, Cl. 60-39.48.
- Wissman, Henry E.: See—
- Fischer, Paul E., Hedin, Swanson, and Wissman. 2,738,714.
- Wissman, Henry E., to The Minster Machine Co. Press construction. 2,745,338, 5-15-56, Cl. 100-282.
- Wissman, Reuben E., to The Minster Machine Co. Die cushion unit. 2,754,110, 7-10-56, Cl. 267-1.
- Wissman, Reuben E., to The Minster Machine Co. Cabinet type press leg. 2,769,389, 11-6-56, Cl. 100-231.
- Wissmiller, Ivan L., to Chicago Bridge & Iron Co. Method of cooling and storing propane and the like. 2,753,691, 7-10-56, Cl. 62-1.
- Wissmiller, Ivan L., to Chicago Bridge & Iron Co. Gas storage vessel. 2,761,771, 9-4-56, Cl. 48-178.
- Wissmiller, Ivan L., and L. V. Larsen, to Chicago Bridge & Iron Co. Vapor storage vessel and method of making same. 2,731,334, 1-17-56, Cl. 48-178.
- Wist, Edward B., to Shell Development Co. Shaft-seal. 2,744,774, 5-8-56, Cl. 236-11.15.
- Wiswell, Grant A., to W. M. Patterson. Warning lamp assembly. 2,753,434, 7-3-56, Cl. 240-10.6.
- Witchger, Eugene L., to The Lufkin Rule Co. Dial test indicator. 2,755,557, 7-24-56, Cl. 33-172.
- Witcher, Eugene S., to Eaton Mfg. Co. Pumping unit with multiple intake ports. 2,739,538, 3-27-56, Cl. 103-126.
- Witcombe, Leslie: See—
- Hunter, William A., Singleton, and Witcombe. 2,759,225.
- Withall, Albert P., to W. H. Miner, Inc. Friction shock absorbing mechanisms for railway draft riggings. 2,764,300, 9-25-56, Cl. 213-32.
- Withall, Harry A.: See—
- Koranda, Clarence J., and Withall. 2,751,858.
- Withall, Harry A., to Enterprise Railway Equipment Co. Protecting means for gate and chute of a railway car hopper. 2,751,861, 6-26-56, Cl. 105-282.
- Withall, William E., to W. H. Miner, Inc. Rubber cushioning means for shock absorbers. 2,749,114, 6-5-56, Cl. 267-38.
- Witherell, Robert R., to Eureka Williams Corp. Air pressure responsive oil burner control system. 2,755,848, 7-24-56, Cl. 158-28.
- Withers, Thomas E. Ankle joint and artificial foot. 2,745,108, 5-15-56, Cl. 3-7.
- Witherspoon, John E.: See—
- Boden, Robert H., and Witherspoon. 2,772,567.
- Withington, Holden W.: See—
- Brady, Keith G., and Withington. 2,749,060.
- Withington, Lohrop, Jr., to Shoe Patents Corp. Shoe welt. 2,753,636, 7-10-56, Cl. 36-78.
- Withrow, Lloyd L.: See—
- Rounds, Fred G., Schwind, and Withrow. 2,747,560.
- Withrow, Ralph A. High pressure check valves. 2,748,798, 6-5-56, Cl. 137-533.17.
- Witkiewicz, Joseph J.: See—
- Manning, Edward V., Breinig, and Witkiewicz. 2,762,664.
- Witmer, Harold G., to Westinghouse Air Brake Co. Track circuits for supplying train control energy through cross-overs. 2,736,795, 2-28-56, Cl. 246-63.
- Witt, Charlie H. Control for mechanisms. 2,769,532, 11-6-56, Cl. 198-232.

- Witt, Harry S., and F. S. Martin, to United States Rubber Co. Microporous vinyl chloride resin and method of making same. 2,773,922, 11-27-56, Cl. 136-146.
- Witt, Robert H., to Ford Motor Co. Plant lifter for harvesting machine. 2,731,780, 1-24-56, Cl. 56-119.
- Witt, Robert H., to Board of Regents of the Oklahoma Agricultural and Mechanical College. Cotton stripper with pneumatic conveying means. 2,750,325, 8-28-56, Cl. 56-12.
- Witt, Robert H., to Ford Motor Co. Frame means for retaining implement driven shaft parallel to tractor power take-off shaft. 2,766,835, 10-16-56, Cl. 180-53.
- Witt, Stanley, to Century Electric Co. Multispeed single phase motor. 2,733,424, 12-18-56, Cl. 318-224.
- Witt, Wilhelm: *See—*
- Von Louis of Menar, Alexander. 2,762,280.
- Wittebecker, Emerson L.: *See—*
- Houtz, Ray Clyde, and Wittebecker. 2,763,688.
- Wittebecker, Emerson L., to E. I. du Pont de Nemours and Co. Polyurethanes from piperazines. 2,731,445, 1-17-56, Cl. 260-47.
- Wittebecker, Emerson L., to E. I. du Pont de Nemours and Co. Polyurethanes from piperazine. 2,731,446, 1-17-56, Cl. 260-77.5.
- Wittoff, Harold: *See—*
- Renfrew, Malcolm M., Wittoff, and Kjelson. 2,767,089.
- Wittoff, Harold, and M. M. Renfrew, to General Mills, Inc. Polyamide resin systems with reversed charges. 2,768,090, 10-23-56, Cl. 106-287.
- Witte, Roy, to Motorola, Inc. Converter mechanism for TV receiver. 2,773,177, 12-4-56, Cl. 250-16.
- Witten, Constant, to Liquid and food holder unit. 2,757,524, 8-7-56, Cl. 65-13.
- Wittenberg, Edward H., to National Presto Industries Inc. Combined venting and overpressure release valve. 2,769,457, 11-6-56, Cl. 137-512.
- Wittenberger, Wallace W.: *See—*
- Kleboe, John E., Krueger, and Wittenberger. 2,759,594.
- Wittenburg, Charles W., and G. C. Hermeling, Jr., to Radio Corp. of America. Ultra-high frequency converter system having crystal diode mixer. 2,760,060, 8-21-56, Cl. 250-20.
- Wittenmyer, Carlos. Result proving apparatus for calculating machines. 2,757,861, 8-7-56, Cl. 235-60.
- Wittenwyler, Clifford V.: *See—*
- Howard, Harry W., and Wittenwyler. 2,774,748.
- Witters, Robert, to Collins Radio Co. Frequency system. 2,735,001, 2-14-56, Cl. 250-20.
- Witzgenstein, Gerard F. Seed-sowing machines. 2,753,819, 7-10-56, Cl. 111-71.
- Wittich, Rudolph: *See—*
- Schmitt, Heinrich. 2,739,687.
- Witkuhns, Bruno A., and G. F. Hill, to National Paper Bottle Co., Inc. Bottom spinning mechanism, including support for bottom for paper container making machines. 2,744,455, 5-8-56, Cl. 48-55.
- Witkuhns, Bruno A., and G. F. Hill, to The Gardner Board & Carton Co. Blank stapling apparatus. 2,755,471, 7-24-56, Cl. 1-2.
- Wittlin, Albert. Liquid flow indicator. 2,744,488, 5-8-56, Cl. 116-117.
- Wittlin, Albert. Fluid flow tube. 2,757,632, 8-7-56, Cl. 116-117.
- Wittman, Herbert E. Corsage holder. 2,741,050, 4-10-56, Cl. 41-12.
- Wittman, Norman M. Means for securing umbrella ribs. 2,762,883, 9-11-56, Cl. 135-28.
- Wittman, Sylvester J. Airfoil. 2,740,597, 4-3-56, Cl. 244-44.
- Wittmann, Joseph J., Jr. Fishing lure. 2,736,124, 2-28-56, Cl. 43-42.23.
- Wittmoser, Adalbert, to Eisenwerke Gelsenkirchen Aktiengesellschaft. Metal casting apparatus. 2,762,096, 9-11-56, Cl. 22-79.
- Wittner, Rudolf. Metronome. 2,737,011, 3-6-56, Cl. 58-130.
- Wittren, Richard A., to Deere Mfg. Co. Starting system for internal combustion engine. 2,747,562, 5-29-56, Cl. 123-179.
- Wittren, Richard A., to Deere Mfg. Co. Hydraulic control system. 2,766,585, 10-16-56, Cl. 62.
- Wittrup, Janus B. Shower curtain. 2,771,945, 11-27-56, Cl. 160-124.
- Witts, Thomas E.: *See—*
- Morway, Arvid J., and Witts. 2,758,973.
- Wittwer, George G. Lethal Products Co., Inc. Powder dispenser. 2,740,229, 4-3-56, Cl. 43-147.
- Wittwer, Norman C., Jr.: *See—*
- Goddard, Charles T., and Wittwer. 2,747,138.
- Witty, James C.: *See—*
- Roth, Alice I., and Witty. 2,731,973.
- Witz, Henry W., to Nursmatic Corp. Cap and shield for nursing bottle. 2,746,631, 5-22-56, Cl. 215-11.
- Witzel, Homer D., to Harris Mfg. Co. Leveling mechanism for harvesters. 2,742,298, 4-17-56, Cl. 280-6.
- Witzke, Ernest C.: *See—*
- Walter, Paul R., and Witzke. 2,773,487.
- Witzky, Julius E.: *See—*
- Lucia, Carroll J., and Witzky. 2,769,303.
- Ware, Marsden, and Witzky. 2,739,579.
- Witzky, Julius E., to Studebaker-Packard Corp. Overhead valve arrangement for engines. 2,769,434, 11-6-56, Cl. 123-59.
- Witzky, Julius E., to Studebaker-Packard Corp. Cylinder head retainer. 2,769,438, 11-6-56, Cl. 123-193.
- Witzky, Julius E. Valve rotator. 2,775,232, 12-25-56, Cl. 123-59.
- Wixson, Roy R. Expandable mail receptacle. 2,750,105, 6-12-56, Cl. 232-19.
- Wixson, Sanford: *See—*
- Guyli, Burton W., and Wixson. 2,749,073.
- Wizner, Leopold, P. Fraunberger, and E. Kuhn, to Siemens-Schuckertwerke Aktiengesellschaft. Measuring and control device for dynamoelectric machines. 2,754,464, 7-10-56, Cl. 318-434.
- Wlasuk, Steven, to Radio Corp. of America. Wide-band high frequency pre-amplifier circuits. 2,743,323, 4-24-56, Cl. 179-17.
- Wm. Bros. Boiler & Mfg. Co.: *See—*
- Wanner, William F., Williamson, and Hall. 2,735,199.
- Wnuck, Adolph L.: *See—*
- Phillips, Arthur, and Wnuck. 2,759,941.
- Wobbe, Delbert E., and F. J. Stasewich, to American Can Co. Soldering flux. 2,772,192, 11-27-56, Cl. 148-23.
- Wobensmith, James C. Paint mixer. 2,733,900, 2-7-56, Cl. 259-135.
- Wool, William, to Burroughs Corp. Card sensing mechanism. 2,743,868, 5-1-56, Cl. 235-61.11.
- Woebeking, Lawrence H. Faucet cover. 2,768,766, 10-30-56, Cl. 220-55.
- Woebcke, Herman N.: *See—*
- Finneran, James A., and Woebcke. 2,741,332.
- Woehrl, Walter E., and R. C. Betts, to The Dobeckmunn Co. Paper spool fabricating machine. 2,746,339, 5-22-56, Cl. 93-1.
- Woelfel, Josef, to Badische Anilin- & Soda-Fabrik Aktiengesellschaft. Fluid propellant mill with fluid jets in the sifting zone. 2,753,123, 7-3-56, Cl. 241-39.
- Woerdemann, Hugo H., to North American Aviation, Inc. Load and control current feedback magnetic amplifier. 2,762,055, 5-5-56, Cl. 323-89.
- Woerdemann, Hugo H., to North American Aviation, Inc. Ring modulator magnetic amplifier. 2,767,257, 10-16-56, Cl. 179-171.
- Woerner, Alfred: *See—*
- Roth, Bruno V., Woerner, and Scheuermann. 2,764,753.
- Woerner, Rudolph C., to Sinclair Refining Co. Method of adding liquid feed to a fluidized coker. 2,733,194, 1-31-56, Cl. 202-14.
- Woertz, Byron B.: *See—*
- Beber, Oral L., and Woertz. 2,746,561.
- Woessner, Carl J., to Gibraltar Mfg. Co., Inc. Self-locking box structure. 2,744,650, 5-8-56, Cl. 220-4.
- Wofford, George D.: *See—*
- Haugen, Glenn L., and Wofford. 2,744,956.
- Wofford, Jack A. Picture hanger. 2,740,803, 4-3-56, Cl. 248-28.
- Wofford, Jack A. Binocular magnifier. 2,759,395, 8-21-56, Cl. 38-12.
- Wohl, Robert J.: *See—*
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- Wohlbier, Günther, to Olympia Werke A. G. Line space device for office typing machine. 2,775,332, 12-25-56, Cl. 197-114.
- Wohlbier, Hans B. Dispenser head and rotatable closure therefor for containers of fluent materials. 2,765,954, 10-9-56, Cl. 222-28.
- Wohlers, Herbert C., F. N. Grover, C. W. Lentz, and L. E. Pauling, to Michigan Chemical Corp. Hydrochloric acid from chloral vent gases. 2,730,194, 1-10-56, Cl. 183-115.
- Wohlers, Herbert C., L. E. Pauling, and F. N. Grover, Jr., to Michigan Chemical Corp. Method for separating aromatic sulfonic acids. 2,733,264, 1-31-56, Cl. 290-505.
- Wohlers, Herbert C., and C. W. Lentz, to Michigan Chemical Corp. Preparation of chloral. 2,768,173, 10-23-56, Cl. 260-340.
- Wohlfrat, Fred. Method of forming holes in metal. 2,741,936, 4-17-56, Cl. 77-3.
- Wohlman, Fred, to Hughes Aircraft Co. Device for permanently joining objects. 2,741,069, 4-10-56, Cl. 49-1.
- Wohlmeyer, Josef. Machine for boring galleys, tunnels, channels and the like by cutting action. 2,758,825, 8-14-56, Cl. 262-10.
- Wohlraab, Hans-Christoph, and W. Jahn, to Klangfilm Gesellschaft mit beschränkter Haftung. Magnetic tape recorder. 2,735,900, 2-21-56, Cl. 179-100.2.
- Wohnhaas, Adolf: *See—*
- Bredereck, Hellmut, Böder, and Wohnhaas. 2,758,106.
- Wohnsiedler, Henry P., and W. M. Thomas, to American Cyanamid Co. Process of coating a resin impregnated support sheet with a melamine-formaldehyde composition and resulting product. 2,739,081, 3-20-56, Cl. 117-73.
- Woistmann, Edwin N.: *See—*
- Gesell, Frank A., and Woistmann. 2,732,574.
- Woitach, Peter R., Jr.: *See—*
- Herrick, Clifford E., Jr., Woitach, and Trojnar. 2,772,972.
- Woituk, William. Non-expandable piston. 2,746,818, 5-22-56, Cl. 306-15.
- Woiciechowski, Bogumil M., to Western Electric Co., Inc. Adjustable frequency oscillator system. 2,745,962, 5-15-56, Cl. 250-36.
- Wojtowicz, Wesley J., to The H. A. Montgomery Co. Coating compositions and methods of coating metal products. 2,763,054, 9-18-56, Cl. 29-424.
- Woker, Alfred W.: *See—*
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- Wolar, Isidore. Adjustable lighting fixture supports. 2,748,261, 5-29-56, Cl. 240-67.
- Wolar, Isidore. Chain type lighting fixture hangers. 2,767,952, 10-23-56, Cl. 248-339.
- Wolar, Isidore. Lighting fixture hangers and canopy supports. 2,767,953, 10-23-56, Cl. 248-343.
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- Wolaver, Nora Y.: *See—*
- Wolaver, Park. 2,764,828.
- Wolaver, Park, to N. Y. Wolaver. Sequence mechanism. 2,764,828, 10-23-56, Cl. 40-115.
- Wolcott, Carl F.: *See—*
- Sleeper, George E., Jr., Stahl, and Wolcott. 2,739,181.
- Wolcott, Frank E.: *See—*
- Mack, William. 2,738,228.
- Pereira, Humberto. 2,747,770.
- Wolcott, Harold. Valved fluid dispensing spout. 2,746,655, 5-22-56, Cl. 222-509.
- Wolcott, Harold D.,  $\frac{1}{2}$  to V. Lundy and L. L. Crawford. Apparatus for supplying water to the fuel and air mixture for internal-combustion engine. 2,756,729, 7-31-56, Cl. 123-25.
- Wold, Carl P. Covering machines. 2,740,458, 4-3-56, Cl. 154-1.8.
- Wold, Russell L. Sliding scoop. 2,737,778, 3-13-56, Cl. 61-15.
- Wolfgang, Egbert, to The Rapids-Standard Co., Inc. Refrigerator conveyors. 2,739,540, 3-27-56, Cl. 104-135.
- Wolf, Alfred A. Roller path compensator. 2,762,266, 9-11-56, Cl. 89-41.
- Wolf, Alfred A. Electric motor provided with cooling means. 2,764,704, 8-25-56, Cl. 310-61.
- Wolf, Benita Mfg. Co. Novelty eyeglasses. 2,748,528, 6-5-56, Cl. 46-44.
- Wolf Brothers, Inc.: *See—*
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- Kaczka, Edward A., Wolf, and Folkers. 2,738,302.
- Wolf, Edward, to Goodyear Aircraft Corp. Steerable airplane landing wheel. 2,736,516, 2-28-56, Cl. 244-50.
- Wolf, Wolfgang-hoe. 2,760,422, 8-28-50, Cl. 97-63.
- Wolf Envelope Co., The: *See—*
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- Wolf, George S., to The Diamond Match Co. Egg case separator. 2,739,753, 3-27-56, Cl. 229-42.
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- Wolf, Jacques, & Co.: *See—*
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- Wolf, Joseph E.: *See—*
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- Wolf, Joseph E., D. H. Wagner, and J. A. Bock, to Standard Oil Co. Hydrocarbon reforming system for high sulfur naphthas. 2,773,013, 12-4-56, Cl. 196-50.
- Wolf Machine Co., The: *See—*
- Rockwood, Albert M., and Conklin. 2,730,850.
- Wolf, Otto, and G. W. Stinger. Flush tank valve. 2,736,903, 3-6-56, Cl. 4-57.
- Wolf, Otto R.: *See—*
- Park, John W., and Wolf. 2,768,578.
- Wolf, Ralph F., to Columbia Southern Chemical Corp. Unvulcanized elastomers containing silica. 2,760,894, 8-28-56, Cl. 154-43.5.
- Wolf, Raymond A., to Union Carbide and Carbon Corp. Apparatus for burning-off hollow glassware. 2,729,031, 1-3-56, Cl. 49-50.
- Wolf, Robert J., and R. E. Score, to The B. F. Goodrich Co. Sand core and mold composition and method of making cores and molds therefrom. 2,765,507, 10-9-56, Cl. 22-193.
- Wolf, Rudolf, to Norddeutsche Affinerie. Process for the oxidation of copper. 2,741,557, 4-10-56, Cl. 75-76.
- Wolf, Sidney. Cigarette holders. 2,749,918, 6-12-56, Cl. 131-257.
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- Rösch, Georg, Wolf, and Vollmann. 2,739,155.
- Rösch, Georg, Wolf, and Vollmann. 2,752,346.
- Wolf, William B. Vehicle steering structure. 2,746,760, 5-22-56, Cl. 280-99.
- Wolf X-Ray Products, Inc.: *See—*
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- Wolfe, Benjamin. Multichannel communication circuit. 2,732,429, 1-24-56, Cl. 179-1.
- Wolfe, Dexter L., and L. W. Hoel, to Kimberly-Clark Corp. Paper coating. 2,772,184, 11-27-56, Cl. 117-64.
- Wolfe, H. H., and R. Erisman, Jr., to The Duro Co. Water softener. 2,753,933, 7-10-56, Cl. 161-7.
- Wolfe, Harry D. Locking assemblies for screw-type members. 2,741,290, 4-10-56, Cl. 151-55.
- Wolfe, Harry H., to The Buckeye Steel Castings Co. Coupler lock operating mechanism. 2,747,750, 5-29-56, Cl. 213-148.
- Wolfe, Harry H., to The Buckeye Steel Castings Co. Railway coupler. 2,772,791, 12-4-56, Cl. 213-150.
- Wolfe, John K.: *See—*
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- Wolfe, John S., to General Motors Corp. Method and apparatus for quantitative spectral analysis. 2,773,415, 12-11-56, Cl. 88-14.
- Wolfe, John W. Electrical apparatus wiring system. 2,752,537, 6-26-56, Cl. 317-101.
- Wolfe, Joseph A. Track and bed table carriage supported from rod rail. 2,749,196, 6-5-56, Cl. 311-27.
- Wolfe & Mann Mfg. Co., The: *See—*
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- Wolfe, Ralph W. Pressure-responsive, self-closing safety valve. 2,733,729, 2-7-56, Cl. 137-458.
- Wolfe, Raymond M. Convertible neck scarf and head covering. 2,773,473, 4-17-56, Cl. 2-207.
- Wolfe, Robert L.: *See—*
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- Wolfe, Willis E. Gate or door latch. 2,743,124, 4-24-56, Cl. 292-27.
- Wolfe, Elmer J., and H. S. Ogden. Canteen type water purifier. 2,738,105, 3-13-56, Cl. 222-189.
- Wolfer, Otto J.: *See—*
- Ellison, Lynn E., and Wolfer. 2,741,920.
- Wolfer, Edward R.: *See—*
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- Wolfer, Alfred L., to Weston Electrical Instrument Corp. Pointer assembly for an electrical instrument. 2,735,068, 2-14-56, Cl. 324-154.
- Wolff, Edwin K.: *See—*
- Von Hofe, George W., and Wolff. 2,733,920.
- Von Hofe, George W., and Wolff. 2,769,561.
- Wolff, Frank S.: *See—*
- Campbell, William J. 2,734,515.
- Campbell, William J. 2,768,764.
- Wolff, Franz. Closures for containers. 2,765,943, 10-9-56, Cl. 215-40.
- Wolff, Hans, and L. P. Hayes, to A. E. Staley Mfg. Co. Vegetable oil refining. 2,754,309, 7-10-56, Cl. 260-424.
- Wolff, Irving, to Radio Corp. of America. Position indicator system of radio pulse type with vernier indicator tube. 2,730,713, 1-10-56, Cl. 343-17.1.
- Wolff, Irving, to the United States of America as represented by the Secretary of the Army. Super-high frequency radio generator. 2,737,585, 3-6-56, Cl. 250-36.
- Wolff, John A., to Milwaukee Gas Specialty Co. Thermoelectric safety shut-off device. 2,765,029, 10-2-56, Cl. 158-131.
- Wolff, John A., to Milwaukee Gas Specialty Co. Thermoelectric powered control apparatus. 2,767,355, 10-16-56, Cl. 317-123.
- Wolff, John E., to Merck & Co., Inc. Tablets and method of producing same. 2,757,124, 7-31-56, Cl. 167-82.
- Wolff, Otto E.: *See—*
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- Wolff, Otto E., to Polaroid Corp. Method and apparatus for applying templates to eyeglass frames. 2,759,519, 8-21-56, Cl. 154-1.6.
- Wolff, Otto E., and S. G. Cohen. Treated paint brush and process and composition for making same. 2,763,883, 9-26-56, Cl. 15-159.
- Wolff, Richard H., and T. W. Johnson, to Bendix Aviation Corp. Turbine pump assembly. 2,752,856, 7-3-56, Cl. 103-87.
- Wolff, Werner, to Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Non-volatile triethanolamine soaps. 2,757,805, 7-10-56, Cl. 260-1404.
- Wolff, William F., and G. D. McLeod, to Standard Oil Co. Preparation of sulfone thioethers. 2,744,937, 5-8-56, Cl. 260-609.
- Wolford, Fred H.: *See—*
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- Wolfram, George: *See—*
- Stucker, Joseph B., Williams, and Wolfram. 2,764,550.
- Wolfram, William S., to General Motors Corp. Transverse engine and transmission. 2,768,536, 10-30-56, Cl. 74-664.
- Wolfson, Henry, and G. Elliott, to International Standard Electric Corp. Electrically conducting cements containing epoxy resins and silver. 2,774,747, 12-18-56, Cl. 260-32.8.
- Wolfson, William B., P. J. King, and L. Shapiro. Fire kindling device. 2,738,260, 3-13-56, Cl. 44-40.
- Wolgast, Erwin H. Stone deflecting means for a cylinder and concave type thresher. 2,768,627, 10-30-56, Cl. 130-27.
- Wolgast, Lester H., to Reynolds Metals Co. Resistance measuring apparatus. 2,742,610, 4-17-56, Cl. 324-62.
- Wolin, Louis, and A. M. Carter, Jr. Apparatus for simulating an engine. 2,771,243, 11-20-56, Cl. 235-61.
- Wolke, Roy E., J. A. Chase, and F. J. Pilas, to Radio Corp. of America. Electrode loading apparatus. 2,760,254, 8-28-56, Cl. 29-25.19.

- Wall, Harry J.: See—  
     Rose, Harry E., and Woll. 2,762,010.  
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     Fuchs, Carl. 2,736,341.  
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 Wollentin, Robert W., and R. Nagy, to Westinghouse Electric Corp. Calcium zinc phosphate phosphor. 2,758,095, 6-7-56, Cl. 252-301.4.  
 Woller, Edward B., to Simmons Co. Sofa bed. Re. 24,125, 2-28-56, Cl. 5-13.  
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     Miner, Carl S., Jr., and Wolnak. 2,739,064.  
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 Wolsky, Sumner P., to Raytheon Manufacturing Co. Germanium etchings. 2,734,806, 2-14-56, Cl. 41-42.  
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     Gunn, Donald A., and Wolters. 2,732,843.  
     Gunn, Donald A., and Wolters. 2,759,479.  
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 Wolters, Carl F., and N. Y. Andersen, deceased (by B. Y. Andersen, executrix), to Sperry Rand Corp. Endless conveyor file. 2,737,431, 8-6-56, Cl. 312-223.  
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     Schmitz, Werner. 2,746,182.  
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 Wolverton, Percy B. Double acting relief valve. 2,774,116, 12-18-56, Cl. 20-16.  
 Wommelsdorf, Fritz. Apparatus for draining off excess liquid from coated articles. 2,748,746, 6-5-56, Cl. 118-57.  
 Wommelsdorf, Hans, to Fritz Werner Aktiengesellschaft. Switching mechanism for automatic machine tools. 2,742,795, 4-24-56, Cl. 74-335.  
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     Koller, Edward J., and Bohm. 2,758,632.  
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     Sherman, Roger M., and Wong. 2,768,042.  
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     Kettellwell, Meredith G. 2,753,047.  
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     Kuzmick, Jerome F., and Schenck. 2,759,808.  
     Radasch, Arthur H. 2,748,063.  
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 Wood, Arthur R. Lighters for gas burners. 2,758,641, 8-14-56, Cl. 158-115.  
 Wood, Charles R. Artists' palette and panel support. 2,745,202, 5-13-56, Cl. 41-5.  
 Wood, Charles W., and P. F. Early, to Standard-Thomson Corp. Heater valve mechanism. 2,743,872, 5-1-56, Cl. 236-92.  
 Wood, Chauncey O. Lawn mower. 2,734,328, 2-14-56, Cl. 56-2.  
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     Clarke, William, Keats, Thornton, and Wood. 2,768,171.  
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     Duval, Elvire. 2,746,535.  
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 Wood, Cyrus F., and L. F. Cummings, to Westinghouse Electric Corp. Gas turbine apparatus. 2,762,426, 9-11-56, Cl. 158-36.4.  
 Wood, Dan G., to Dorothy Dahl Inc. Adapter for gem setting device. 2,736,025, 2-28-56, Cl. 1-50.  
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     Wood, George B. 2,767,867.  
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 Wood, Edward L., to Gar Wood Industries, Inc. Wheel trim and fastening means. 2,749,184, 6-5-56, Cl. 301-37.  
 Wood, Edward L., to Gar Wood Industries, Inc. Wheel trim cushioning means. 2,749,185, 6-5-56, Cl. 301-37.  
 Wood, Edward L., to Gar Wood Industries, Inc. Wheel trim, including self-centering and cushioning means. 2,749,186, 6-5-56, Cl. 301-37.  
 Wood, Ernest H., and J. R. Wilkinson, to Union Carbide and Carbon Corp. Stabilization of polystyrene with n,n'-di-8-naphthyl-phenylenediamine. 2,759,905, 8-21-56, Cl. 260-45.9.  
 Wood, Frank A., to Zenith Radio Corp. Tuning network structure. 2,730,682, 1-10-56, Cl. 336-142.  
 Wood, Gar. Industries, Inc.: See—  
     Roman, William J. 2,761,322.  
     Starr, Norbert T. 2,733,820.  
     Starr, Norbert T. 2,746,428.  
     Wood, Edward L. 2,749,184.  
     Wood, Edward L. 2,749,185.  
     Wood, Edward L. 2,749,186.  
 Wood, George B.  $\frac{1}{2}$  to D. D. Wood. Refuse vehicle loading device. 2,767,867, 10-23-56, Cl. 214-83.3.  
 Wood, George H., Jr., to Joseph Bancroft & Sons Co. Process for producing wrinkle finish fabric. 2,765,914, 9-25-56, Cl. 28-74.  
 Wood, Gerald B., and P. W. Leamond, to Leager Mfg. Co. Ski boot carrier and straightener. 2,758,325, 8-14-56, Cl. 13-120.5.  
 Wood, Herbert H., to Thomas Walker Ltd. Presses for attaching metal fittings to material. 2,755,472, 7-24-56, Cl. 1-4.  
 Wood, Herbert H., to Thomas Walker Ltd. Presses for attaching metal fittings to material. 2,760,194, 8-28-56, Cl. 1-4.  
 Wood, Homer J., to The Garrett Corp. Enclosure air supply system. 2,734,443, 2-14-56, Cl. 98-1.5.  
 Wood, Homer J., to The Garrett Corp. Supercharger control system. 2,741,421, 4-10-56, Cl. 230-4.  
 Wood, Homer, to The Garrett Corp. Compressor. 2,760,719, 8-28-56, Cl. 230-128.  
 Wood, Hugh, & Co. Ltd.: See—  
     Denholm, George, and Nordmann. 2,769,973.  
     Wood, Joseph Q., to Phillips Petroleum Co. Recovery of carbon black. 2,735,828, 2-21-56, Cl. 260-41.5.  
 Wood, James R., to Harris-Seybold Co. Nonuniform speed drive mechanism. 2,746,312, 5-22-56, Cl. 74-393.  
 Wood, James R., to Harris-Seybold Co. Throwoff mechanism for printing presses. 2,773,445, 12-11-56, Cl. 101-218.  
 Wood, Jay J.,  $\frac{1}{2}$  to C. T. Brown, d. b. a. Charles T. Brown Co. Scarifier apparatus. 2,732,196, 1-24-56, Cl. 262-8.  
 Wood, John F.: See—  
     Jackson, Harry E., Leyland, and Wood. 2,748,181.  
 Wood, John W., T. D. Fontaine, and J. W. Mitchell, to the United States of America as represented by the Secretary of Agriculture. Plant regulators. 2,734,816, 2-14-56, Cl. 71-2.6.  
 Woods, Joseph: See—  
     Herbert, Alfred B., Woods, and Turner. 2,736,944.  
 Wood, Joseph D., to I-T-E Circuit Breaker Co. High voltage magnetic arc extinguishing means. 2,759,073, 8-14-56, Cl. 200-147.  
 Wood, Joseph D., and A. S. Caswell, to I-T-E Circuit Breaker Co. High voltage circuit breakers. 2,731,530, 1-17-56, Cl. 200-147.  
 Wood, Joseph D., and A. S. Caswell, to I-T-E Circuit Breaker Co. High voltage circuit breakers. 2,761,934, 9-4-56, Cl. 200-147.



- Wood, Joseph D. and A. S. Caswell, to I-T-E Circuit Breaker Co. High voltage circuit breakers. 2,761,938, 9-4-56, Cl. 200-168.
- Wood, Joseph E.: *See*—  
Blanchard, James K., and Wood. 2,750,080.
- Wood, Leonard: *See*—  
Jones, Evan I., Todd, and Wood. 2,734,040.
- Wood, Lorin A. Crutch. 2,736,330, 2-28-56, Cl. 135-49.
- Wood-Minor, Blanche V. Bed-protector apron. 2,745,404, 6-15-56, Cl. 128-283.
- Wood Newspaper Machinery Corp.: *See*—  
Tollison, Paul L., and Richards. 2,743,501.
- Wood, Oliver W.: *See*—  
McCreary, Bruce C., and Wood. 2,729,484.
- Wood, Reuben E., to the United States of America as represented by the Secretary of Commerce. Punched cell with electrolyte batteries. 2,762,858, 9-11-56, Cl. 136-103.
- Wood, Rex C.: *See*—  
Foskett, Laurence W., Foster, Thickstun, and Wood. 2,775,160.
- Wood, Richard D., Jr., G. Thomson, and C. F. Whitaker, to Millville Mfg. Co. Method and apparatus for forming a cloth selvage. 2,740,457, 4-3-56, Cl. 154-1.8.
- Wood, Richard D., Jr., and G. Thomson, to Millville Manufacturing Co. Hemmed cloth with an adhesive type binder. 2,744,844, 5-8-56, Cl. 154-43.
- Wood, Robert C., to Promo Corp. Hair retainer. 2,761,457, 9-4-56, Cl. 132-52.
- Wood, Robert F.: *See*—  
Garrett, Donald E., and Wood. 2,758,248.
- Wood, Robert M., to Sylvania Electric Products Inc. Junction forming cruciforms. 2,756,483, 7-31-56, Cl. 29-25.3.
- Wood, Roscoe C., to Douglas Aircraft Co., Inc. Gas heated dimpling die. 2,760,543, 8-28-56, Cl. 153-21.
- Wood, Rountree W., Jr., to Whirlpool-Seeger Corp. Frost bank automatic defrost actuator. 2,767,555, 10-23-56, Cl. 62-2.
- Wood, Rufus C., and L. H. Wood. Measuring and computing device. 2,759,267, 8-21-56, Cl. 33-76.
- Wood, Russell A., to McGraw Electric Co. Combination fuse cutout and loadbreak cartridge. 2,734,965, 2-14-56, Cl. 200-114.
- Wood, Samuel, to Keuffel & Esser Co. Blue print cabinet. 2,753,237, 7-3-56, Cl. 312-298.
- Wood, Stuart G. Attachable garment hook. 2,764,383, 9-25-56, Cl. 248-227.
- Wood, Thomas J., Jr. Detachable electric circuit connecting device having conductor sheath penetrating means. 2,745,438, 8-5-56, Cl. 339-99.
- Wood, Thomas R.: *See*—  
Wright, Lemuel D., Wood, and Folkers. 2,766,254.
- Wood, Wallace H., to Norton Co. Grinding machine-taper control. 2,769,282, 11-6-56, Cl. 51-95.
- Wood, Wallace H., to Norton Co. Grinding machine. 2,771,715, 11-27-56, Cl. 51-95.
- Wood, Walter F., to the State of Iowa, for the use and benefit of the State University of Iowa, an educational institution of the State of Iowa. Device and method for measuring surface areas. 2,770,044, 11-13-56, Cl. 33-121.
- Wood, William H., to General Electric Co. Self-lubricating journal pin. 2,751,264, 6-19-56, Cl. 308-104.
- Wood, William H., to General Electric Co. Snap-action switch. 2,756,292, 7-24-56, Cl. 200-18.
- Wood, William H., to Harris-Seybold Co. Lithographic plate and method of making it. 2,760,432, 8-28-56, Cl. 101-149.2.
- Wood, William H., and H. A. Pritchard, to Harris-Seybold Co. Ink-repellent applying method for rotary lithographic printing apparatus. 2,753,796, 7-10-56, Cl. 101-147.
- Wood, William H., and H. A. Pritchard, to Harris-Seybold Co. Rotary lithographic plate dampening means and method. 2,761,382, 9-4-56, Cl. 101-147.
- Wood, William M. Vulcanizing mold having an adjustable core. 2,769,203, 11-6-56, Cl. 18-45.
- Wood, William S. Tail gate lift. 2,767,016, 10-16-56, Cl. 296-57.
- Woodall, Carl. Ankle joint for artificial limbs. 2,731,645, 2-24-56, Cl. 3-8.
- Woodall-Duckham Construction Co. Ltd.: *See*—  
Townend, Frank S. 2,731,413.
- Williams, Thomas H., and Solt. 2,758,968.
- Woodall-Duckham Retort and Oven Construction Co. (1920) Ltd.: *See*—  
Akeroyd, Stuart I. 2,754,261.
- Woodall Industries Inc.: *See*—  
Chadwick, Hamilton J. 2,757,417.
- Woodard, Burnice, and E. T. Franks. Device for limiting opening movement of a door. 2,760,806, 8-28-56, Cl. 292-338.
- Woodard, Raymond G., to The Fibre Metal Products Co. Safety mask. 2,759,187, 8-21-56, Cl. 2-8.
- Woodard, Roy S. Expandable storm sash. 2,768,410, 10-30-56, Cl. 20-55.
- Woodard, Stanley W., to Marine Marker Corp. Marine marker. 2,739,296, 3-20-56, Cl. 340-3.
- Woodard, Walter M., to Elwell-Parker Electric Co. Die handling industrial truck. 2,733,822, 2-7-56, Cl. 214-502.
- Woodard, Walter M., to Elwell-Parker Electric Co. Roll neck bearing extracting industrial truck. 2,764,806, 10-2-56, Cl. 29-252.
- Woodbridge, Leonard A., to Electric & Musical Industries Ltd. Cathode ray tubes. 2,735,031, 2-14-56, Cl. 313-70.
- Woodburn, Joseph J., to Avco Mfg. Corp. Oven vent. 2,731,962, 1-24-56, Cl. 126-21.
- Woodburn, Ralph K. Method and apparatus for making automobile door panels. 2,744,564, 6-8-56, Cl. 154-11.
- Woodbury, Eugene, to Bendix Aviation Corp. Magnetically stabilized scanning stylus. 2,740,685, 4-3-56, Cl. 346-74.
- Woodbury, Richard: *See*—  
Irner, Norman R., and Woodbury. 2,765,188.
- Woodbury, Robert L., to the United States of America as represented by the Secretary of the Army. Insulated sound transmitting ear cells for a cap. 2,743,454, 5-1-56, Cl. 2-172.
- Woodbury, Roger B.: *See*—  
Draper, Charles S., and Woodbury. 2,752,792.
- Draper, Charles S., Woodbury, and Hutzenlaub. 2,752,793.
- Woodbury, Roger B., to the United States of America as represented by the Secretary of the Navy. Pulse tube test apparatus. 2,750,558, 6-12-56, Cl. 324-26.
- Woodbury, Roger B., to the United States of America as represented by the Secretary of the Navy. Direct reading indicator for a radio navigation system. 2,761,133, 8-28-56, Cl. 343-103.
- Woodco Corp.: *See*—  
Kiehnknecht, George M. 2,775,000.
- Woodcock, Eugene J., to Spicer S. Rand Corp. Delay line trigger circuit. 2,755,381, 7-17-56, Cl. 250-27.
- Woody, Lemuel D., Jr., to Esso Research and Engineering Co. Method of working over wells. 2,751,009, 6-19-56, Cl. 166-22.
- Woodell, Victor A., and P. R. Hanaway, to Electra Mfg. Co. Automatic resistance tester for resistor producing system. 2,752,039, 6-26-56, Cl. 209-81.
- Woodford, George H. Bedclothes anchor. 2,769,989, 11-13-56, Cl. 5-320.
- Woodhall, Harold, to Allen & Hanburys Ltd. Surgical saws. 2,742,848, 10-10-56, Cl. 128-317.
- Woodham, Edward, to E. N. Mason & Sons Ltd. Cooling of photo-copying machines. 2,768,565, 10-30-56, Cl. 95-73.
- Woodhill, Elliot H., to The Perkin-Elmer Corp. Radiation detectors. 2,767,321, 10-16-56, Cl. 250-43.5.
- Woodhill, Elliot H., J. L. Borden, Jr., and H. L. Montpas, to The Perkin-Elmer Corp. Non-dispersion analyzers. 2,754,424, 7-10-56, Cl. 250-43.5.
- Wooding, William M.: *See*—  
Jen, Yun, and Wooding. 2,764,507.
- Wooding, William M., B. F. Melucci, and C. Porter, to American Cyanamid Co. Flame-resistant regenerated cellulose film. 2,757,102, 7-31-56, Cl. 117-137.
- Wooding, William M., L. A. Lundberg, and W. F. Reynolds, to American Cyanamid Co. Non-fibrous regenerated cellulose film carrying an anchoring agent and method of making. 2,763,571, 9-18-56, Cl. 117-62.
- Wooding-Vernon Tool Works: *See*—  
Yohe, John K. 2,736,268.
- Woodland, Paul C.: *See*—  
Tubbs, Bernard H., Nagle, and Woodland. 2,732,366.
- Woodlin Metal Products: *See*—  
Singleton, Benoit M. 2,763,196.
- Woodman, George V. Helical fluid tube. 2,732,862, 1-31-56, Cl. 138-47.
- Woodling, George V. Sinusoidal fluid tube. 2,732,863, 1-31-56, Cl. 138-47.
- Woodling, George V. Weldable hollow body. 2,760,796, 8-28-56, Cl. 287-20.2.
- Woodling, George V. Weldable stud element. 2,760,797, 8-28-56, Cl. 287-20.2.
- Woodman Co., Inc.: *See*—  
Henry, Nelson R. 2,758,728.
- Woodman, Daniel E. Material handling machine. 2,749,077, 6-5-56, Cl. 249-52.
- Woodman, Melvin W. Agitator bearing for paint drums. 2,760,761, 8-28-56, Cl. 259-107.
- Woodman, William S. Paint drum with built in agitator. 2,760,762, 8-28-56, Cl. 259-107.
- Woodring, Albert P.: *See*—  
Woodring, Emory R. and A. P. 2,772,587.
- Woodring, Emory R. and A. P. Tool set for opening and closing chain links. 2,772,587, 12-4-56, Cl. 81-15.
- Woodring, William B., to Olin Mathieson Chemical Corp. Battery. 2,751,427, 6-19-56, Cl. 136-111.
- Woodruff, Albert E., to Automatic Electric Laboratories, Inc. Volume limiter device. 2,772,390, 11-27-56, Cl. 323-66.
- Woodruff, Almon C. Beverage vending machine. 2,735,578, 2-21-56, Cl. 221-11.
- Woodruff, Alvin. Reciprocative, double sash, gang sawmill. 2,740,436, 4-3-56, Cl. 143-60.
- Woodruff, John J.: *See*—  
White, Frank B. 2,745,521.
- White, Frank B. 2,762,346.
- Woodruff, Lee B.: *See*—  
Hammerstrom, Henry H., and Woodruff. 2,732,509.
- Woodruff, Ralph S., Sr. Compass cover. 2,758,413, 8-14-56, Cl. 45-68.
- Woodruff, Ralph S., Sr. Boat cover. 2,764,765, 10-2-56, Cl. 9-1.
- Woodruff, Rollin W., and I. V. Swadberg. Knitting needle. 2,756,576, 7-31-56, Cl. 66-117.

- Woods, Edgar L., to Valdes Mfg. Co., Inc. Parallel strand control for winders and the like. 2,740,591, 4-3-56, Cl. 242-38.
- Woods, George B., to Spheric Structures, Inc. Building units. 2,738,072, 2-28-56, Cl. 20-2.
- Woods, Henry B.: See—
- Morian, Erwin A., and Woods. 2,769,616.
- Woods-Hill, William, and D. T. Davis, to International Business Machines Corp. Electronic multiplier. 2,745,599, 5-15-56, Cl. 235-61.
- Woods, John A.: See—
- Cowley, Charles H., and Woods. 2,761,248.
- Olson, Albert W., and Woods. 2,761,248.
- Woods, John E., to Standard-Thomson Corp. Space cooling system. 2,760,345, 8-28-56, Cl. 62-2.
- Woods, John E., to Standard-Thomson Corp. Pilot-controlled hydraulic valve. 2,770,440, 11-13-56, Cl. 251-28.
- Woods, John E., to Standard-Thomson Corp. Pilot operated valve. 2,771,265, 11-20-56, Cl. 251-28.
- Woods, John L., W. W. Stribley, and C. O. Nelson. Webbing dispensing apparatus. 2,767,931, 10-23-56, Cl. 242-55.3.
- Woods, Joseph: See—
- Herbert, Alfred E., Woods, and Turner. 2,768,797.
- Woods, Leroy R., to International Electronic Research Corp. Electronic tube clamp and shield. 2,766,020, 10-9-56, Cl. 257-263.
- Woods, Leroy R., to North American Aviation, Inc. Rotary switch. 2,768,252, 10-23-56, Cl. 200-27.
- Woods, Robert A., and H. L. Bone, to Westinghouse Air Brake Co. Circuit controllers. 2,748,204, 5-29-56, Cl. 200-4.
- Woods, Robert G., to Jo-Line Tools Inc. Predetermined torque release socket wrench. 2,731,865, 1-24-56, Cl. 81-52.4.
- Woods, Robert G., to Jo-Line Tools Inc. Predetermined torque release socket wrench. 2,734,411, 2-14-56, Cl. 81-52.4.
- Woods, Robert G., to Jo-Line Tools Inc. Torque-limited wrench. 2,743,638, 5-1-56, Cl. 81-52.4.
- Wood's T. B., Sons Co.: See—
- Nuernberger, Eldon L., and Williams. 2,754,723.
- Woods, William M.: See—
- Hodan, Theodore J., and Woods. 2,748,077.
- Woodson, Herbert H., to United States of America as represented by the Secretary of the Navy. Servo system with magnetic amplifier with integral feedback. 2,764,719, 9-25-56, Cl. 318-28.
- Woodson, Thomas T., to General Electric Co. Hydraulic clutch actuation means for washing machines and the like. 2,742,128, 4-17-56, Cl. 192-87.
- Woodson, Thomas T., to General Electric Co. Drive mechanism for washing machines and the like. 2,751,773, 6-26-56, Cl. 68-23.
- Woodson, Wesley E., Jr., and J. I. Morgan. Visual in-line multi-symbol signal indicator. 2,766,447, 10-9-56, Cl. 340-380.
- Woodstock Metal Products, Inc.: See—
- Marsilins, Mac. 2,760,291.
- Woodward, Alva W. Ladder attachment. 2,772,927, 12-4-56, Cl. 304-31.5.
- Woodward, Charles F.: See—
- Flachholz, Edward M., Woodward, and Hansen. 2,732,361.
- Woodward & Dickinson, Inc.: See—
- Bos Houwers, Willem A. N. 2,733,848.
- Woodward, Eric K., to John Mathieson Chemical Corp. Treatment of odor containing gases with chlorine dioxide. 2,745,714, 5-15-56, Cl. 23-2.
- Woodward Governor Co.: See—
- Drake, George F. 2,765,800.
- Hanson, Karl M. 2,752,429.
- Parker, George E. 2,756,725.
- Woodward, Harold S. Non-explosible gasoline tank and outlet. 2,748,787, 6-5-56, Cl. 137-39.
- Woodward, Herbert S.: See—
- Wilson, Alexander M., Woodward, Bailey and Lucas. 2,741,364.
- Woodward, Herbert S., II, to Minneapolis-Honeywell Regulator Co. Aircraft acceleration limiters. 2,751,542, 6-19-56, Cl. 318-489.
- Woodward Iron Co.: See—
- Smith, Hewitt. 2,757,757.
- Woodward, James H.: See—
- Holland-Bowyer, Wilfrid, and Woodward. 2,730,133.
- Woodward, James H., and L. Myles, to Dunlop Tire and Rubber Corp. Flexible and extensible hose. 2,733,734, 2-7-56, Cl. 138-56.
- Woodward, O. B. Locking mechanism for variable speed drives. 2,745,292, 5-15-56, Cl. 74-230.17.
- Woodward, Oakley M., Jr., to Radio Corp. of America. Antenna arrays. 2,759,183, 8-14-56, Cl. 343-908.
- Woodward, Richard P., to Western Electric Co., Inc. Devices for anchoring cords. 2,766,317, 10-9-56, Cl. 174-135.
- Woodward, Robert B., to Research Corp. Hexahydronaphthalenes and production thereof. 2,745,879, 5-15-56, Cl. 260-61.1.
- Woodward, Stanley, and W. F. R. Morgan, to Baker Perkins Ltd. Machines for folding sheets and like articles. 2,740,627, 4-3-56, Cl. 270-63.
- Woodworth, Chester L., to Monsanto Chemical Co. Process for dyeing a sheet of plasticized polyvinyl butyral resin and ink therefor. 2,739,080, 3-20-56, Cl. 117-38.
- Woodworth, Frederick B., and E. H. Hults, to Smith-Meeker Engineering Co. Public address system for subway tunnels. 2,773,932, 12-11-56, Cl. 179-1.
- Woodworth, Lee R., to the United States of America as represented by the Secretary of the Navy. Compressor discs. 2,772,853, 12-4-56, Cl. 253-39.
- Woodworth, N. A., Co.: See—
- Hohwart, George and E. F. 2,733,072.
- Hohwart, George and E. F. 2,747,880.
- Woodworth, Warner, and A. Orr. Water craft. 2,770,817, 11-20-56, Cl. 9-38.
- Woody, Donald E.: See—
- Rush, Dale B., Springer, Thomas, and Woody. 2,775,414.
- Thomas, John B., and Woody. 2,753,128.
- Woody, Irvin L. Power lawn mower. 2,741,890, 4-17-56, Cl. 266-28.
- Woolfer, Cecil B., to Brown & Bigelow. Display article. 2,743,011, 4-24-56, Cl. 206-78.
- Woolfer, Robert C., to General Motors Corp. Panel lamp socket of insulation having opening engaging resilient finger. 2,741,747, 4-10-56, Cl. 339-128.
- Wool "O" Co., The: See—
- Kalbach, Raymond B. 2,757,110.
- Woolard, Henry J., to Carrier Engineering Co. Ltd. Apparatus for forming with liquid a car body having irregular non-symmetrical surfaces. 2,731,110, 1-17-56, Cl. 113-8.
- Woolaver, Lawrence B., and F. P. MacLay, to Laboratory for Electronics, Inc. Delay line. 2,764,019, 5-15-56, Cl. 333-30.
- Woolf, Stanley R., to J. J. Udall's Building Co., Ltd. Means for tensioning rods and the like. 2,761,649, 9-4-56, Cl. 254-29.
- Woolridge, Allen C.: See—
- King, Arthur N., and Woolridge. 2,757,368.
- Woolridge, James A., to Shell Development Co. Liquid dispensing system with remote control. 2,747,598, 5-29-56, Cl. 137-108.
- Woolridge, James A., to Shell Development Co. Liquid dispensing and withdrawing apparatus. 2,747,783, 5-29-56, Cl. 222-125.
- Woolridge, Mack, to American Tractor Equipment Corp. Swingable mount for ripper blade. 2,769,625, 11-6-56, Cl. 262-8.
- Woolley, William C., to Moloney Electric Co. Relays for constant current regulators. 2,769,136, 10-30-56, Cl. 323-6.
- Woolf, Cyril: See—
- Miller, Charles B., and Woolf. 2,741,634.
- Woolf, Don R.: See—
- Comp. Frank M., Woolf, and Mittensweil. 2,742,248.
- Woolf, Don R., to Curtis-Wright Corp. Propeller blade construction. 2,754,916, 7-17-56, Cl. 170-159.
- Woolfe, Aaron E., to Sam Mumford. Fish lure. 2,765,572, 10-9-56, Cl. 43-42.37.
- Woolf, John S., and W. H. Schoenfeld, Jr., to American Can Co. Can body soldering apparatus. 2,751,873, 6-26-56, Cl. 113-60.
- Woolley, Charles H.: See—
- Rowand, Will H., Raynor, and Woolley. 2,737,930.
- Woolley, Henry C.: See—
- Tennant, John A., Lauder, Naisbitt, Woolley, and Lawrenson. 2,753,995.
- Woolley, Richard P., and J. A. Hurry, to The Gates Rubber Co. High range strain gauge. 2,739,212, 3-20-56, Cl. 26-46.
- Woolley, Robert R. Mask attachment for photographic lamps. 2,768,284, 10-23-56, Cl. 240-46.53.
- Woolley, William J., to Maid-O-Mist, Inc. Balancing valve and actuator unit for the same. 2,768,648, 10-30-56, Cl. 138-46.
- Woolridge, Harold I., to Collins Radio Co. Cam pawl shock absorber. 2,731,853, 1-24-56, Cl. 74-569.
- Woolslayer, Homer J., C. D. Iddings, and P. E. Borg, to Lee C. Moore Corp. Oil well mast crown block. 2,737,367, 3-6-56, Cl. 254-190.
- Woolslayer, Homer J., C. Jenkins, P. E. Borg, and E. A. Campbell, to Lee C. Moore Corp. Crown block for multiple well drilling. 2,744,725, 5-8-56, Cl. 254-190.
- Woolslayer, Homer J., C. Jenkins, C. D. Iddings, and E. A. Campbell, to Lee C. Moore Corp. Portable drilling mast. 2,753,963, 7-10-56, Cl. 189-11.
- Woppman, Joseph G., to W. R. Grace & Co. Automatic packaging machines. 2,751,732, 3-26-56, Cl. 53-180.
- Worbrook, Marvin T., to General Motors Corp. Clutch assembly. 2,770,341, 11-13-56, Cl. 192-68.
- Worcester Pressed Steel Co.: See—
- Manhartsberger, Albert. 2,736,462.
- Word, James C., Jr., to Phillips Petroleum Co. Pump. 2,774,310, 12-18-56, Cl. 103-23.3.
- Worden, Donald P., G. H. Eastman, B. N. Snyder, and V. H. Payne, to General Motors Corp. Apparatus for cutting tubing. 2,757,732, 8-7-56, Cl. 164-49.
- Worden, Jesse, to Continental X-Ray Corp. Simplified X-ray apparatus. 2,748,292, 5-29-56, Cl. 250-100.
- Worden, Samuel P., and B. Cornellison, to Texas Instruments Inc. Large range gravity sensitive instrument. 2,738,676, 3-20-56, Cl. 73-382.
- Worden, Samuel P., to The Texas Co. Process for preparing mercapto-alkyl cyanides. 2,748,155, 5-29-56, Cl. 260-465.1.
- Work, Erich W., to Union Mfg. Co. Double-acting clutch. 2,736,563, 2-2-56, Cl. 279-121.
- Workrite Co., Ltd.: See—
- Lavallee, Leonard, and Raby. 2,764,353.
- Works, Madden T.: See—
- Allen, Herbert, and Works. 2,748,605.
- Allen, Herbert, Works, and Jones. 2,756,634.
- Allen, Herbert, Works, and Oliver. 2,752,119.



- Worley, William R. and T. R. Miles, to Crown Zellerbach Corp. Method of edge-surfacing woody products. 2,748,046, 5-29-56, Cl. 154-116.
- Worley, George A.: *See—*  
Stafford, Neil S. and Worley. 2,770,439.
- Worley, Osborn C.: *See—*  
Elting, Stanley J., Thomas, and Worley. 2,775,407.
- Worldidge, Ronald F.: *See—*  
Latimer-Needham, Cecil H. and Worldidge. 2,774,547.
- Worldidge, Ronald F., to Flight Refuelling Ltd. Self-engaging and self-sealing pipe couplings, especially applicable to flight refuelling purposes. 2,755,079, 1-31-56, Cl. 284-12.
- Wormell, Robert L., to Courtsaulds Ltd. Production of artificial filaments, threads, fibres, bands, and the like. 2,775,506, 12-25-56, Cl. 18-54.
- Wormser, Arthur, to Indico Inc. Liquid filling apparatus. 2,763,416, 9-18-56, Cl. 226-93.
- Wormser, Eric M., to Servo Corp. of America. Total-radiation pyrometer. 2,761,072, 8-28-56, Cl. 250-83.3.
- Wormser, Paul, and H. E. Metcalf, to S & W Fine Foods, Inc. Machines for orientating and stemming fruit with stems. 2,731,051, 1-17-56, Cl. 146-55.
- Worner, Peter, to Peerless Chain Co. Tire chain applying attachment. 2,737,994, 3-13-56, Cl. 153-213.
- Worre, Tony E. Turbines. 2,768,808, 10-30-56, Cl. 253-89.
- Worrell, Robert L., to Allis-Chalmers Mfg. Co. Straw spreader for combines. 2,740,247, 4-3-56, Cl. 56-122.
- Worstall, Vivian D.: *See—*  
Gonitsky, Kurt, Worstall, and Heselgrave. 2,766,265.
- Worthing, Victor G., and Worstall. 2,753,099.
- Worth, William E. Portable clothes dryer. 2,774,148, 12-18-56, Cl. 34-133.
- Worth, William G., to Phillips Petroleum Co. Flowmeter. 2,729,102, 1-3-56, Cl. 73-153.
- Worthing, Coleman J., trustee. *See—*  
Jones, Montgomery O. 2,738,009.
- Jones, Montgomery O. 2,756,822.
- Worthen, Eugene P., and F. S. Barbour, to Bethlehem Steel Co. Combined flash and vapor compression evaporator. 2,735,882, 8-21-56, Cl. 202-45.
- Worthen, George B.: *See—*  
Ridings, Garvie H., Hackenberg, Wise, Worthen, and Zabriskie. 2,732,276.
- Worthing, Jurgen: *See—*  
Azagapitan, Victor, and Worthing. 2,747,149.
- Worthington, Aubrey W.: *See—*  
Botts, John C. and Worthington. 2,757,298.
- Kriss, Sylvester E. and Worthington. 2,763,798.
- Schneider, William, and Worthington. 2,772,696.
- Worthington Ball Co., The: *See—*  
Smith, Robert F. 2,741,480.
- Worthington Corp.: *See—*  
Hartwell, George W. 2,730,296.
- Hilkemeier, Louis G. 2,729,883.
- Hilkemeier, Louis G. 2,746,734.
- Hilkemeier, Louis G. 2,748,793.
- Hilkemeier, Louis G. 2,753,163.
- Hilkemeier, Louis G. 2,755,687.
- Kauffmann, William M. 2,748,562.
- Kauffmann, William M. 2,764,963.
- Kauffmann, William M., and Steven. 2,744,511.
- Mikulak, John, and Wotitzky. 2,749,421.
- Newbold, Joseph F. 2,735,328.
- Schald, Joseph E. 2,773,029.
- Steven, George. 2,773,493.
- Towle, Elton L., and Dorer. 2,733,660.
- Walter, Hellmuth. 2,734,578.
- Walter, Hellmuth. 2,739,756.
- Walter, Hellmuth. 2,774,575.
- Worthington, Emory W.: *See—*  
Harless, Charles A., and Worthington. 2,743,672.
- Worthington, Emory W., to R. Hoe & Co., Inc. Ink roller mounting for printing machines. 2,774,301, 12-18-56, Cl. 101-355.
- Worthington, James W. Plant support. 2,764,846, 10-2-56, Cl. 47-47.
- Worthington, Wayne H., and E. F. Jirsa, to Deere Mfg. Co. Hydraulic steering mechanism. 2,762,446, 9-11-56, Cl. 80-79.2.
- Worthington, John L., to the United States of America as represented by the Secretary of the Navy. Bottom firing detonator. 2,774,304, 12-18-56, Cl. 102-7.
- Wotitzky, Hugh: *See—*  
Mikulak, John, and Wotitzky. 2,749,421.
- Wotting, Lee R. Motion picture film feeding and registering mechanism. 2,733,633, 2-7-56, Cl. 88-18.
- Wouters, Louis F., to the United States of America as represented by the United States Atomic Energy Commission. Regulator for calutron ion source. 2,733,342, 1-31-56, Cl. 250-41.9.
- Wouters, Louis F., to the United States of America as represented by the United States Atomic Energy Commission. Regulator for calutron ion source. 2,733,345, 1-31-56, Cl. 250-41.9.
- Woydatt, Lszek, and R. Chwialkowski. Reusable bottle stopper with serrated skirt portion. 2,772,802, 12-4-56, Cl. 219-41.
- Worski, Mark M., and C. E. Shoemaker, to the United States of America as represented by the Secretary of War. Smoke producing ammunition. 2,732,217, 1-31-56, Cl. 252-305.
- Woyth, Albert, and A. Heger. Ice-cream freezer. 2,755,073, 7-17-56, Cl. 259-82.
- Wozniak, Mitchell S.: *See—*  
Ardell, Edgar, and Wozniak. 2,744,608.
- Woznica, Kazimierz W.: *See—*  
McCallister, Edward S., and Woznica. 2,748,202.
- Wragg, Arthur, Reamer. 2,744,425, 5-8-56, Cl. 77-76.
- Wragge, William B., to Ledloy Ltd. Torque multiplying bolt-holding type wrench. 2,760,394, 8-28-56, Cl. 81-55.
- Wrap-King Corp.: *See—*  
Ouellette, Clarence. 2,742,141.
- Wread, William E. Semi-seal reinforced concrete pipe. 2,775,262, 12-25-56, Cl. 138-84.
- Wreford, Annie A. M.: *See—*  
Wreford, Frederick S., and J. S. 2,752,412.
- Wreford, Frederick S., deceased (A. A. M. Wreford, executor). J. S. Wreford, to Gar Wood Industries, Inc. Welding cable winding. 2,752,412, 6-26-56, Cl. 174-15.
- Wreford, John S.: *See—*  
Wreford, Frederick S. and J. S. 2,752,412.
- Wrege, Edgar E., to International Minerals & Chemical Corp. Jigging process for beneficiation of potassium containing ores. 2,745,547, 5-15-56, Cl. 209-2.
- Wrege, Edgar E., and A. Adams, to International Minerals & Chemical Corp. Process for the concentration of potash ore. 2,733,809, 2-7-56, Cl. 209-166.
- Wrenn, John C., to Raytheon Mfg. Co. Gate circuits. 2,759,180, 9-14-56, Cl. 343-5.
- Wrenn, John C., to Raytheon Mfg. Co. Multivibrators with slow recovery times. 2,759,181, 8-14-56, Cl. 343-16.
- Wright, Albert H. Service timer. 2,733,117, 1-31-56, Cl. 346-82.
- Wright, Alexander M., to Pratt & Whitney Co., Inc. Jet engine control. 2,737,015, 3-6-56, Cl. 60-35.6.
- Wright, Ansel J., and G. T. Rosenlund, to Master Addresser Co. Duplicating apparatus. 2,757,609, 8-7-56, Cl. 101-133.
- Wright, Ansel J., and G. T. Rosenlund, to Master Addresser Co. Flat bed duplicating machine. 2,763,205, 9-18-56, Cl. 101-133.
- Wright, Arthur. Stereoscopic television receiving system. 2,756,363, 7-24-56, Cl. 315-1.
- Wright, Byron T. and W. R. Baker, to the United States of America as represented by the United States Atomic Energy Commission. Automatic vapor control. 2,735,945, 2-21-56, Cl. 250-41.9.
- Wright, Carl D., to Pacific Flush Tank Co. Gas discharge device for sewage digestion tanks. 2,768,136, 10-23-56, Cl. 210-2.
- Wright, Charles B. Pocket wallets. 2,737,992, 3-13-56, Cl. 150-38.
- Wright, Charles R., M. M. Stansbury, and W. M. S. Dunn. Apparatus for laying railway rails. 2,730,962, 1-17-56, Cl. 104-2.
- Wright, Charles S. Closure sealing apparatus. 2,740,168, 8-21-56, Cl. 219-49.
- Wright, Clifford B.: *See—*  
Berninger, Kenneth L., Neef, and Wright. 2,747,676.
- Wright, Clifford B., and J. F. Haines, to General Motors Corp. Low-density propeller blade. 2,734,586, 2-14-56, Cl. 170-159.
- Wright, Clyde E.: *See—*  
Ingwer, Carl H., Wright, and Weibel. 2,768,550.
- Wright, Dexter C., to Ford Motor Co. Plastic bearing having an integral dust seal. 2,767,033, 10-16-56, Cl. 308-36.1.
- Wright, Edward P. Railway brake beam structure. 2,740,501, 4-3-56, Cl. 185-22.
- Wright, Edward P., to Chicago Railway Equipment Co. Railway refrigerator car door. 2,769,214, 11-6-56, Cl. 20-23.
- Wright, Edwin C. Method of making ferro-manganese having over 60% manganese from waste steel mill slags and low grade material ores. 2,746,857, 5-22-56, Cl. 75-24.
- Wright, Ernest C. Dispenser for liquids. 2,748,767, 6-5-56, Cl. 128-218.
- Wright, Esmond P. G., to International Standard Electric Corp. Telegraph repeaters. 2,749,386, 6-5-56, Cl. 178-70.
- Wright, Esmond P. G., and D. A. Weir, to International Standard Electric Corp. Telegraph repeaters. 2,737,544, 3-3-56, Cl. 178-2.
- Wright, Esmond P. G., G. C. Hartley, D. A. Weir, and J. Rice, to International Standard Electric Corp. Multiplex electric signalling system. 2,744,159, 5-1-56, Cl. 179-15.
- Wright, Esmond P. G., and A. D. Odell, to International Standard Electric Corp. Electric calculating circuits. 2,761,621, 9-4-56, Cl. 235-61.
- Wright, Esmond P. G., and J. Rice, to International Standard Electric Corp. Arrangements for extracting information from electrical storage circuits. 2,764,750, 9-25-56, Cl. 346-174.
- Wright, Felix H., Jr., to Monsanto Chemical Co. Process for the production of stabilized sodium acid pyrophosphate. 2,737,443, 3-6-56, Cl. 23-106.
- Wright, Felton T.: *See—*  
Maxcey, Henry R., Jr., and Wright. 2,767,985.
- Wright, Fred J., The Jeffrey Mfg. Co. Troughing conveyor and roller therefor. 2,743,004, 4-24-56, Cl. 198-192.
- Wright, Fred J., to The Jeffrey Mfg. Co. Mining machine having combination spray and cooling mechanism. 2,743,095, 4-24-56, Cl. 262-26.
- Wright, Fred S.: *See—*  
Lindstaedt, Frank F., and Wright. 2,738,944.
- Wright, Frederick J.: *See—*  
Roper, Walter E., and Wright. 2,755,558.
- Roper, Walter E., and Wright. 2,765,562.
- Roper, Walter E., and Wright. 2,765,563.
- Wright, G. F. Steel Wire Co.: *See—*  
Knapp, Albert S. 2,740,601.

- Wright, George W., R. J. Jauch, J. D. Clymer, E. E. Jackson, and O. R. Scheurer, to Tokheim Corp. Liquid fuel dispensing apparatus. 2,732,103, 1-24-56, Cl. 222-330.
- Wright, Glenn H., Condition indicators for lighting systems of trucks and trailers. 2,743,431, 4-24-56, Cl. 340-220.
- Wright, Harold H., to Gulf Oil Corp. Gas separator. 2,744,442, 12-18-56, Cl. 183-2-7.
- Wright, Harold J., to Concrete Sand Co. Movable pavement cutting machine with vertically adjustable and rocking axle. 2,736,544, 2-28-56, Cl. 262-20.
- Wright, Harold M., Automatic rotational synchronization system. 2,733,392, 1-31-56, Cl. 318-85.
- Wright, Hazel H., See—
- Brandon, Clarence W., 2,732,687.
- Wright, Helen L., Spring tongs. 2,768,856, 10-30-56, Cl. 294-99.
- Wright, Henry H., See—
- Harder, Clarence L., and Wright, 2,773,773.
- Wright, Jacob J.,  $\frac{1}{2}$  to J. D. Aaron. Rotary snowplow. 2,769,254, 11-6-56, Cl. 37-21.
- Wright, James A., See—
- Garner, Claude M., Roos, Wright, and Fleer. 2,735,047.
- Wright, James F., Date pitter having steam injecting means. 2,740,440, 4-3-56, Cl. 146-17.
- Wright, James H., See—
- Capell, Robert G., and Wright, 2,768,929.
- Wright, James H., to General Electric Co. Magnetostriction strain gauge. 2,749,466, 6-12-56, Cl. 73-88.5.
- Wright, James R., See—
- Goldschmidt, Alfred, and Wright, 2,758,126.
- Goldschmidt, Alfred, and Wright, 2,758,127.
- Wright, John B., to The John Co. Production of  $\alpha$ -ketocarboxylic acid esters. 2,751,343, 6-19-56, Cl. 204-158.
- Wright, John H., and J. T. Inamurato, to Chuet, Peabody & Co., Inc. Fabric stabilized with non-chlorine retentive resin, method of producing the same and method of preparing the resin. 2,738,292, 3-13-56, Cl. 117-139.5.
- Wright, John M., to Cable Makers Australia Proprietary Ltd. Cushioning element. 2,768,924, 10-30-56, Cl. 154-124.
- Wright, John S. B., to Transart Aktiebolag. Display devices. 2,774,159, 12-18-56, Cl. 40-102.
- Wright, John W., Saw tooth assembly. 2,736,352, 2-28-56, Cl. 143-135.
- Wright, Kenneth A., Hinge for well scratcher. 2,735,494, 2-21-56, Cl. 166-173.
- Wright, Kenneth B., See—
- Allan, John, Wright, and Shaw. 2,758,339.
- Wright, Kenneth H., and C. C. Baudoin. Cell construction for transporting prisoners in automobiles. 2,733,952, 2-7-56, Cl. 296-24.
- Wright, Lawrence E., See—
- Bulkley, William L., Krebs, and Wright, 2,763,894.
- Wright, Lemuel D., T. R. Wood, and K. Folkers, to Merck & Co., Inc. Process for isolating lincytin. 2,766,254, 10-9-56, Cl. 280-309.7.
- Wright, Leon M., to J. R. Fishing lure of the floating type. 2,734,302, 2-14-56, Cl. 43-42.05.
- Wright, Leroy D., and S. L. Judkins, to Link Aviation, Inc. Universal station identification signal keyer for use in grounded aviation trainers. 2,771,600, 11-20-56, Cl. 340-365.
- Wright Line, Inc., The: See—
- Myers, Raymond L., 2,738,760.
- Wright Machinery Co., See—
- Petrea, James C., 2,746,707.
- Wright, Manfred G., See—
- Schwarz, Bertram A., and Wright, 2,743,620.
- Wright, Manfred G., and W. R. Kearney, to General Motors Corp. Inertia drive signal seeking tuner. 2,765,663, 10-9-56, Cl. 74-10.2.
- Wright Mfg. Co., See—
- Paulus, Howard L., 2,752,134.
- Wright, Norman, and L. W. Herscher, to The Dow Chemical Co. Method and apparatus for analysis and control of organic systems. 2,737,559, 3-6-56, Cl. 250-43.5.
- Wright, Owen C., Air conditioning system. 2,734,348, 2-14-56, Cl. 62-6.
- Wright, Peter M., See—
- Kwasiebski, Andrzej K., and Wright, 2,762,937.
- Wright, Preston M., Automatic header control means. 2,750,727, 6-19-56, Cl. 56-208.
- Wright, Preston M., Depth control for plows and the like. 2,752,835, 7-3-56, Cl. 97-46.03.
- Wright Products, Inc., See—
- Falk, Harold W., 2,760,804.
- Wright, Richard O., See—
- Harding, Clarke T., Mayer, and Wright, 2,731,396.
- Wright, Richard W., Reservoir brush. 2,738,111, 3-13-56, Cl. 222-51.
- Wright, Robert D., to Chicago Rawhide Mfg. Co. Oil seal. 2,765,186, 10-2-56, Cl. 288-2.
- Wright, Theodore M., See—
- Allen, Howard G., Wright, and Kenison. 2,740,334.
- Wright, Theodore M., and A. Leon, to Radio Corp. of America. Socket insulating apparatus. 2,762,046, 9-11-56, Cl. 1-2.
- Wright, Dr. Thomas J., See—
- Randall, Herman Page. 2,758,627.
- Wright, Walter W., See—
- Billings, William A., Wright, and Watts. 2,749,470.
- Wright, Walter W., and G. P. Robinson, Jr. Doffer comb mechanism. 2,772,446, 12-4-56, Cl. 19-106.
- Wright, Wilbert H., See—
- Klein, Clarence J., and Wright, 2,764,473.
- Wright, Wilbert H., and J. M. Bendot, to National Steel Corp. Charging car and open hearth plant, including same. 2,765,934, 10-3-56, Cl. 214-29.
- Wright, William B., Jr., to American Cyanamid Co. Hydroxy-piperidine oxides and method of preparing the same. 2,742,469, 4-17-56, Cl. 260-251.5.
- Wright, William B., Jr., to American Cyanamid Co. Substituted mercaptobenzoic acids and methods of preparing the same. 2,753,345, 7-3-56, Cl. 260-247.1.
- Wright, William B., Jr., to American Cyanamid Co. Dihydropyrrolo-pyridines. 2,767,191, 10-16-56, Cl. 260-295.
- Wright, William R., to Bird & Son, Inc. Building corner construction. 2,770,847, 11-20-56, Cl. 20-5.
- Wrightson, John M., See—
- Dipier, Charles D., Teeters, and Wrightson. 2,775,569.
- Dittman, Albert L., and Wrightson. 2,775,618.
- Passinio, Herbert J., Dittman, and Wrightson. 2,774,751.
- Wrightway Engineering Co., See—
- Goodrie, Joseph J., 2,738,798.
- Goodrie, Joseph J., 2,738,962.
- Goodrie, Joseph J., 2,738,963.
- Goodrie, Joseph J., 2,761,662.
- Wrightley, Arthur N., and J. H. Schwartz, to the United States of America as represented by the Secretary of Agriculture. Alloy starch emulsion and a process of preparing it. 2,740,724, 4-3-56, Cl. 106-213.
- Wright, Wm., Jr., Co., See: See—
- Masterly, Louis. 2,775,193.
- Wrought Iron Range Co., See—
- Nagel, Eric W., 2,743,349.
- Nagel, Eric W., Tucker, and Shank. 2,737,943.
- Wroughton, Donald, to the United States of America as represented by the United States Atomic Energy Commission. Method of melting metal powder in vacuo. 2,771,357, 11-20-56, Cl. 75-84.1.
- Wroughton, Donald, and J. W. Marden, to the United States of America as represented by the United States Atomic Energy Commission. Apparatus for refining rare refractory metals. 2,754,347, 7-10-56, Cl. 13-33.
- Wu, William I. L., to Panoramic Radio Products, Inc. Sweep circuits for panoramic devices. 2,760,081, 8-21-56, Cl. 30-28.
- Wucher, Albert P., See—
- Herzegg, Frank, Wucher, and Strong. 2,769,476.
- Wudyka, Walter R., Portable lamp. 2,744,189, 5-1-56, Cl. 15-18.
- Wuerfel, Robert P., and M. A. Hogan, to Lindavap, Inc. Electric vaporizer. 2,743,350, 4-24-56, Cl. 219-44.
- Wuerger, Jakob: See—
- Schmid, Max, Moser. 2,741,658.
- Wuerger, Jakob, Schmid, Max, Moser, Danuser, Mory, Mueller, and Schmid, Max, Moser. 2,741,657.
- Schmid, Max, Moser. 2,741,658.
- Schmid, Max, Moser. 2,741,659.
- Wuerth, John M., See—
- Oesterger, Ralph H., Goldberg, Horsfall, and Wuerth. 2,769,492.
- Smith, Robert E., and Wuerth. 2,775,122.
- Wuerth, Robert C. System and device for prolonging the life of current energized filamentary elements. 2,756,382, 7-24-56, Cl. 323-68.
- Wuesthoff, Frederick J. Orthopedic belt. 2,733,712, 2-7-56, Cl. 128-78.
- Wuhrmann, Walter. Miter box with swinging saw guide. 2,769,467, 11-6-56, Cl. 143-89.
- Wulf, Margaret. Soap containing brush. 2,745,127, 5-15-56, Cl. 15-122.
- Wulf, Cal W., See—
- Holland, Cyrus J., Wulf, and Carlson. 2,737,905.
- Wulf, Roy A., to Electrol Inc. Ram mechanism with a quick release valve for adjustment of the stroke of the ram. 2,765,033, 10-2-56, Cl. 17-87.
- Wulfsberg, George A., to Underwood Corp. Magnetic switching circuits. 2,766,388, 10-9-56, Cl. 307-88.
- Wulfsberg, Paul G., See—
- Colby, Albert A., Copeland, Passman, and Wulfsberg. 2,756,573.
- Wulle, William A. Heat energy-converting system and process. 2,737,031, 3-6-56, Cl. 62-117.6.
- Wullschlaeger, Albert. Spill level. 2,752,693, 7-3-56, Cl. 31-28.
- Wulsin, Lucien, Jr., See—
- Shepherd, William F., 2,757,060.
- Wunder, Frank F. Container opener. 2,738,096, 3-13-56, Cl. 220-47.
- Wunderlich, John M. Apparatus for treating acid waste pickle liquor. 2,746,919, 5-22-56, Cl. 210-2.
- Wunderley, John M. Waste pickle liquor disposal. 2,746,920, 5-22-56, Cl. 210-2.
- Wunderlich Spring Machinery Co., See—
- Nelson, Martin J., 2,759,500.
- Wunderwald, Leon E., and R. L. Rosebrough, said Rosebrough assignor to Bemis Bro. Bag Co. Storage bins. 2,730,150, 1-10-56, Cl. 150-5.
- Wunsch, Guido, and H. Ziegler, to Askania-Werke, A. G. Precision galvanometer. 2,772,687, 12-4-56, Cl. 137-93.
- Wuppermann, August T., to Theodor Wuppermann G. m. b. H. Method of butt-welding preheated metallic work pieces. 2,737,566, 3-6-56, Cl. 219-10.
- Wuppermann, Theodor, G. m. b. H., See—
- Wuppermann, August T., 2,737,566.



- Wurdell, Günther, to Holmberg & Co., Kommanditgesellschaft. Moving coil diaphragms for electro-dynamic listening apparatus. 2,775,653, 12-25-56, Cl. 179-115.
- Wurdeiman, Carl H.: *See*—  
Feldman, Glenn, and Wurdeiman. 2,768,435.
- Wurgatz, Harry L. Citrus fruit cutter, reamer, and peel ejector. 2,737,989, 3-13-56, Cl. 146-3.
- Wurgler, John W., to Allis-Chalmers Mfg. Co. Electric protective system utilizing close differential relay. 2,735,041, 2-14-56, Cl. 317-49.
- Wurker, Carl H. Attachment for sewing machines. 2,735,905, 6-19-56, Cl. 112-160.
- Wurm, Joseph, and J. G. Dental chair and the like. 2,735,477, 2-21-56, Cl. 155-25.
- Wurm, Joseph G.: *See*—  
Wurm, Joseph, and J. G. 2,735,477.
- Würmli, Arthur, to Joh. Jacob Rieter & Co., Ltd. Method and apparatus for winding up strands of synthetic filaments. 2,753,125, 7-3-56, Cl. 242-18.
- Wurster, Roland E. Multiple purpose rake. 2,731,896, 1-24-56, Cl. 97-47.2.
- Wurttembergische Metallwarenfabrik: *See*—  
Selzmann, Wilhelm. 2,756,550.
- Wurtz, Clifford H.: *See*—  
Greenell, Leland H., and Wurtz. 2,760,346.  
Jacobs, James W., and Wurtz. 2,773,361.
- Wurtz, Clifford H., to General Motors Corp. Refrigerating apparatus, including defrosting means. 2,731,806, 1-24-56, Cl. 62-4.
- Wurtz, Clifford H., to General Motors Corp. Support for refrigerating apparatus. 2,751,147, 6-19-56, Cl. 230-235.
- Wurtz, John W., and F. A. Greenwald, to National Motor Bearing Co., Inc. Elastic sealing apparatus. 2,757,423, 8-7-56, Cl. 20-69.
- Wurtzer, August C.: *See*—  
Constance, Harry S., Jr., and Wurtzer. 2,771,276.
- Wurzburger, Paul D., to Northern Indiana Brass Co. Method and means for making wrought fittings. 2,735,389, 2-21-56, Cl. 143-44.
- Wurzel, Hugo, to Waldes Kohnor, Inc. Driving means for rolls, spools, and the like. 2,733,872, 2-7-56, Cl. 242-71.
- Wurzel, Hugo, to Waldes Kohnor, Inc. Connectors. 2,739,615, 3-27-56, Cl. 138-46.5.
- Wurzel, Hugo, to Waldes Kohnor, Inc. Retaining ring having shaft engaging projections to prevent inadvertent withdrawal. 2,755,698, 7-24-56, Cl. 85-8.8.
- Wüstefeld, Heinrich, to K. R. Marsden. Lubricating device for gas meters. 2,770,970, 11-20-56, Cl. 73-272.
- Wüstgeny, Herbert, to Siemens & Halske, Aktiengesellschaft. Start-stop teleprinter receiver. 2,735,890, 2-21-56, Cl. 178-33.
- Wüsteney, Herbert, J. Bauder, and R. Stabenau, to Siemens & Halske Aktiengesellschaft. Device for advancing tape records in telegraph apparatus. 2,772,878, 12-4-56, Cl. 27-13.
- Wyatt, De Witt H. External joint sealing strip. 2,751,236, 6-19-56, Cl. 285-114.
- Wyatt, Ernest V., Jr. Lawn sprinkler. 2,746,793, 5-22-56, Cl. 299-18.
- Wyatt, Harold T., to Croness Products, Inc. Method of forming an impermeable wall in the terrain. 2,757,514, 8-7-56, Cl. 61-81.
- Wyatt, Joseph B. Envelope. 2,760,717, 8-28-56, Cl. 229-73.
- Wyatt Mfg. Co.: *See*—  
Marsh, Fayette E., Anspach, and McRoberts. 2,751,508.
- Wyatt, Wilbur E.: *See*—  
McRoberts, J. J., J. J. Robinson, to Bohn Aluminum & Brass Corp. Process of forming composite strips of backing and bearing metals. 2,747,256, 5-29-56, Cl. 29-149.5.
- Wyatt, Wilbur E.: *See*—  
McCullough, William E., and Wyatt. 2,763,058.
- Wyatt, William K., to Turbo Machine Co. Apparatus for producing staple fibers. 2,748,426, 6-5-56, Cl. 19-37.
- Wybrants, Wade M.: *See*—  
Spier, Irene W., and I. M., and Wybrants. 2,760,687.
- Wyckoff, Oliver A. Tool. 2,734,260, 2-14-56, Cl. 29-203.
- Wyckoff, Paul W., to Chrysler Corp. Air conditioner. 2,773,675, 12-11-56, Cl. 257-1.
- Wyckoff, Paul W., and R. L. Brugler, to Chrysler Corp. Condenser water cooling device. 2,729,951, 1-10-56, Cl. 62-117.8.
- Wyckoff, Ralph D.: *See*—  
Martin, B. G., and Wyckoff. 2,773,236.
- Wyckoff, Robert D. Score indicating attachment for caddy carts. 2,759,666, 8-21-56, Cl. 235-1.
- Wydzialek, Floyd A., to General Motors Corp. Combustion chamber. 2,742,032, 4-17-56, Cl. 123-191.
- Wydyer, Ernest: *See*—  
Peter, Albin, and Wydyer. 2,731,476.
- Peter, Albin, and Wydyer. 2,736,731.
- Wyeth, Nathaniel, to Ford Motor Co. Shock absorber. 2,760,604, 8-28-56, Cl. 188-88.
- Wyckoff, Clyde R., to The Firestone Tire & Rubber Co. Method of making a tubeless tire. 2,754,887, 7-17-56, Cl. 154-14.
- Wyler, Eugene: *See*—  
Todd, Francis C., and Wyler. 2,744,073.
- Wylie, William J. Resilient holder for fishing flies. 2,764,839, 10-2-56, Cl. 43-57.5.
- Wyllie, Malcolm R. J.: *See*—  
Patnode, Homer W., and Wyllie. Re. 2,442,222.
- Wyllie, Malcolm R. J., to Gulf Research & Development Co. Method of making low-resistance ion-exchange membranes. 2,774,108, 12-18-56, Cl. 18-47.5.
- Wyllie, Malcolm R. J., and C. W. Tittle, to Gulf Research & Development Co. Method and apparatus for displacing well fluid with a fluid having smaller neutron attenuation characteristics. 2,747,100, 5-22-56, Cl. 250-43.5.
- Wyman-Gordon Co.: *See*—  
Kaplan, Bernard, and Chace. 2,756,617.
- Wyndham, Charles A. Power transmitting device. 2,737,276, 3-6-56, Cl. 192-58.
- Wynner, Justin L., to The Vanta Co., Inc. Body garment. 2,736,131, 2-28-56, Cl. 2-111.
- Wynn, Clifford B., and H. L. Pantry elevator shelf. 2,735,579, 2-21-56, Cl. 221-123.
- Wynn, Helen L.: *See*—  
Wynn, Clifford B. and H. L. 2,735,579.
- Wynn, Ida: *See*—  
Wyn, Robert F. 2,740,557.
- Wynn, Robert F., deceased, by I. Wynn, administratrix. Feed distributing apparatus. 2,740,557, 4-3-56, Cl. 222-176.
- Wynn, Robert O. Bomb fuze. 2,748,709, 6-5-56, Cl. 102-81.2.
- Wynn, Robert O. Long delay bomb tail fuze. 2,750,888, 6-19-56, Cl. 102-71.
- Wynn, Robert O. Combination fuze for a bomb. 2,754,760, 7-17-56, Cl. 102-71.
- Wynn, Robert W.: *See*—  
Hoch, Paul E., and Wynn. 2,773,778.
- Wilkinson, Joseph M., Pedlow, and Wynn. 2,767,218.
- Wynne, Ted R. Wall paper hanging apparatus. 2,758,738, 8-14-56, Cl. 216-6.
- Wynne, Ira H.: *See*—  
Vesberger, Lloyd A., and Wynne. 2,728,940.
- Wynne, J. C.: *See*—  
Graham, Arthur H., and Staley. 2,740,549.
- Wynne, William A.: *See*—  
Chapman, James, and Wynne. 2,771,492.
- Wynwood Corp.: *See*—  
Winn, John. 2,742,133.
- Winn, John. 2,743,820.
- Winn, John, and Peterson. 2,736,379.
- Wynstra, John. Lawn edger and trimmer. 2,743,658, 5-1-56, Cl. 97-227.
- Wyrozumski, Stanley E.: *See*—  
Scott, A. B., and Wyrozumski. 2,743,490.
- Wyse, Harold G. Wiper rings. 2,772,105, 11-27-56, Cl. 288-14.
- Wysocki, Thaddeus: *See*—  
Staskowski, Walter, and Wysocki. 2,764,772.
- Wyss, John H.: *See*—  
Tittle, James B., and Wyss. 2,755,924.
- Wyss, Oswald F., to Allwood Inc. Methods for producing wood particles for the manufacture of fiber boards and the like materials. 2,751,947, 6-26-56, Cl. 144-309.
- Wystrack, Vernon F., to American Cyanamid Co. Addition of hydrogen chloride or hydrogen bromide to maleic, fumaric, or acrylic acids or their esters. 2,774,785, 12-18-56, Cl. 260-485.
- Xander, Wilmer R. Mechanism for locking windows in partially open positions. 2,755,519, 7-24-56, Cl. 20-52.
- X-Pot Co., Inc.: *See*—  
Campbell, Joseph A. 2,753,316.
- X-ray Instrument Corp.: *See*—  
Gacki, Leonard W., and Winfield. 2,747,482.
- Yackel, Edward C.: *See*—  
Salminen, Ilmari F., Van Allan, and Yackel. 2,751,295.
- Yackel, Edward C., and Yackel. 2,739,890.
- Yutz, Henry C., and Yackel. 2,740,717.
- Yacoby, Paul E. Lawn edger. 2,767,541, 10-23-56, Cl. 56-25.4.
- Yacoe, Jesse C., to E. I. du Pont de Nemours and Co. Semi-combustion combined filter and drier. 2,736,434, 2-28-56, Cl. 210-150.6.
- Yaeger, Harry C., to Underwood Corp. Power case-shift mechanism. 2,730,224, 1-10-56, Cl. 197-74.
- Yaeger, Joseph C.: *See*—  
Blackford, Wallace F., and Yaeger. 2,760,115.
- Yaeger, Joseph C., to McGraw Electric Co. Mercury vapor lighting system and control means therefor. 2,760,116, 8-21-56, Cl. 315-122.
- Yaeger, Joseph C., to McGraw Electric Co. Electric gaseous discharge device. 2,767,343, 10-16-56, Cl. 313-161.
- Yaeger, Robert E., to Bell Telephone Laboratories, Inc. Binary code translator, adder, and register. 2,758,788, 8-14-56, Cl. 235-61.
- Yaffe, Max M.: *See*—  
Stoner, Clair A. 2,739,819.
- Yagle, Fred M. Automatic feed for sharpening apparatus. 2,739,428, 8-27-56, Cl. 51-166.
- Yagle, Raymond A.: *See*—  
Hagerty, William W., and Yagle. 2,756,591.
- Yahn, Victor W., J. E. Antonidis, W. C. Edmundson, and D. H. Dudder, to General Motors Corp. Electrical brush assembly. 2,753,477, 7-3-56, Cl. 310-239.
- Yakel, Clyde B. Expendible sinker for fish lines and releasing means therefor. 2,754,614, 7-17-56, Cl. 43-43.12.
- Yale, Harry L., to Olin Mathieson Chemical Corp. Cyclohexanecarboxamides. 2,749,361, 6-5-56, Cl. 260-503.
- Yale, Harry L., to Olin Mathieson Chemical Corp. Derivatives of isonicotinic acid hydrazide. 2,750,388, 6-12-56, Cl. 260-294.9.
- Yale, Harry L., and J. Bernstein, to Olin Mathieson Chemical Corp. Heterocyclic acid hydrazones of carbohydrates. 2,733,237, 1-31-56, Cl. 260-211.

- Yale & Towne Mfg. Co., The: See—  
 Biblin, Daniel W. 2,751,224.  
 Golden, Abraham H. 2,750,785.  
 Golden, Abraham H., and Biblin. 2,768,014.  
 Golden, Abraham H., Schmid, and Kubik. 2,747,907.  
 Heyer, Frederic K. 2,743,600.  
 Hoban, Edward D. 2,751,445.  
 Kubik, Paul P., and Schmid. 2,748,590.  
 Quayle, George F. 2,758,946.  
 Schroeder, Charles S. 2,751,993.  
 Schroeder, Charles S. 2,732,904.  
 Schroeder, Charles S. 2,751,255.  
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 Ulinski, Bronislaus I. 2,731,164.  
 Ulinski, Bronislaus I. 2,759,862.  
 Ulinski, Bronislaus I. 2,769,043.  
 Yama, Raymond C.: See—  
 Moyer, Joseph K., and Yama. 2,760,808.  
 Yamamoto, Nobuki: See—  
 Miura, Noboru, and Oketani. 2,772,580.  
 Yancy, Adolphus V. Fish gaff. 2,759,758, 8-21-56, Cl. 29-104.  
 Yancey, John R., and J. W. Taylor, to U. S. Industries, Inc. Core taking apparatus. 2,760,758, 8-28-56, Cl. 255-72.  
 Yandell, Ronald P. B.: See—  
 Guttridge, Eric, Lucas, and Yandell. 2,764,346.  
 Yarnick, Nicholas S., to Kraft Foods Co. Method of producing condiments. 2,760,869, 8-28-56, Cl. 99-140.  
 Yanko, William H., to Monsanto Chemical Co. Morpholine derivative. 2,774,758, 12-18-56, Cl. 260-247.  
 Yanello, Eugene. Conditioning of business machine cards. 2,761,944, 9-4-56, Cl. 219-19.  
 Yardley International Corp.: See—  
 Brill, Otto H., and Brown. 2,773,924.  
 Yardley, William A. Crate for stainless steel sheets and the like. 2,764,556, 9-4-56, Cl. 206-60.  
 Yard-Man, Inc.: See—  
 Funk, Truman B. 2,742,750.  
 Funk, Truman B. 2,748,553.  
 Yardney International Corp.: See—  
 André, Henri G. 2,757,222.  
 Berchielli, Aldo S. 2,754,348.  
 Yardney, Michel N. 2,753,620.  
 Yardney, Michel N., to Yardney International Corp. Battery-terminal connection method. 2,753,620, 7-10-56, Cl. 29-155.55.  
 Yarnall-Waring Co.: See—  
 Miller, Frank W. 2,773,387.  
 Yarnell, Elizabeth M. Detachable belts and crotches. 2,743,456, 8-28-56, Cl. 2-24.  
 Yarow, Max. Method and flux for soldering aluminum. 2,774,137, 12-18-56, Cl. 29-495.  
 Yarrick, Charles J., to I-T-E Circuit Breaker Co. Operating mechanism for circuit breakers. 2,754,589, 7-10-56, Cl. 200-89.  
 Yarrick, Charles J., to I-T-E Circuit Breaker Co. Auxiliary and latched contact switches. 2,761,041, 8-28-56, Cl. 200-153.  
 Yarrick, Charles J., to I-T-E Circuit Breaker Co. Escutcheon design for circuit breakers. 2,770,701, 11-13-56, Cl. 200-167.  
 Yates-American Machine Co.: See—  
 Johnson, Wallace D. 2,744,549.  
 Yates, Charles E., and C. D. Pearce, to International Smelting and Refining Co. Apparatus for removing castings from molds. 2,733,490, 2-7-56, Cl. 22-94.  
 Yates, Charles G., Jr., to General Electric Co. Aircraft control equipment. 2,764,370, 8-28-56, Cl. 244-77.  
 Yates, De Wit E., to W. S. Darley & Co. Centrifugal pump. 2,772,636, 12-4-56, Cl. 103-103.  
 Yates, Fred: See—  
 Jamison, Samuel J., and Yates. Re. 24,139.  
 Yates, George, to W. Steele. V-bottom clinker-built boat. 2,755,490, 7-24-56, Cl. 2-24.  
 Yates, Henry G., to The Parsons and Marine Engineering Turbine Research and Development Association. Pipe joints with metallic ring seals. 2,756,077, 7-24-56, Cl. 285-95.  
 Yates, Herbert L. Lawn spraying device. 2,740,664, 4-3-56, Cl. 299-45.  
 Yates, Richard C., to Birmingham Metal Forms, Inc. Construction forms. 2,731,700, 1-24-56, Cl. 25-118.  
 Yates, Wilfrid A., to the United States of America as represented by the Secretary of Commerce. Phase angle method of metal thickness indication. 2,764,734, 9-25-56, Cl. 324-40.  
 Yates, William F., and P. C. Kelly, to Monsanto Chemical Co. Azeotropic separation of vinyltoluene from ethyltoluene. 2,752,295, 6-26-56, Cl. 202-42.  
 Yatsko, John F. Clipping catcher for power hedge trimmers. 2,747,276, 5-29-56, Cl. 30-132.  
 Yeager, Charles C., to Scientific Oil Compounding Co., Inc. Fungicidal composition. 2,772,260, 11-27-56, Cl. 260-102.  
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 Yeager, Charles C., to Scientific Oil Compounding Co., Inc. Fungicidal compositions. 2,772,262, 11-27-56, Cl. 260-102.  
 Yeager, Charles C., to Scientific Oil Compounding Co., Inc. Fungicidal composition. 2,772,263, 11-27-56, Cl. 260-102.  
 Yeager, Charles C., to Scientific Oil Compounding Co., Inc. Fungicidal composition. 2,772,264, 11-27-56, Cl. 260-102.  
 Yeager, Clarence R., and H. A. Niven, to L. G. Balfour Co. Gem setting with filling means between the gem and the seat therefor. 2,756,572, 7-31-56, Cl. 63-28.  
 Yeager, James H., and K. S. Eckberg, to the United States of America as represented by the United States Atomic Energy Commission. Solvent extraction apparatus using jet mixers. 2,759,841, 8-21-56, Cl. 23-270.5.  
 Yeamans, Wilfred H.: See—  
 Hammerly, Herman J., Casey, and Yeamans. 2,738,445.  
 Warren, Robert E., and Yeamans. 2,733,289.  
 Yeamans, Wilfred H., to General Electric Co. Circuit breaker casing with cooled arc extinguishing chamber. 2,757,262, 7-31-56, Cl. 200-149.  
 Yeandle, William W., N. A. Carter, and J. T. Purnell, to Deere & Co. Apparatus for producing urea prills. 2,770,008, 11-13-56, Cl. 18-24.  
 Yearley, George W., to The True Temper Corp. Striking hammers. 2,754,863, 7-17-56, Cl. 145-29.  
 Yeaton, Oliver: See—  
 Reynolds, Harry H., and Yeaton. 2,765,280.  
 Yeazel, Harry Edward C., and Yeazel. 2,774,831.  
 Ye Chu, Ting, and D. T. Davidson, to Iowa State College Research Foundation, Inc. Soil dispersion apparatus. 2,743,731, 5-22-56, Cl. 259-99.  
 Yeich, William R.: See—  
 Chapman, John L., Jr., and Yeich. 2,774,195.  
 Yellott, John I., to Bituminous Coal Research Inc. Rotary solids transfer pump. 2,750,233, 6-12-56, Cl. 302-49.  
 Yellott, John I., to Bituminous Coal Research Inc. Improved rotary transfer pump for handling fluidized solids. 2,750,234, 6-12-56, Cl. 302-49.  
 Yellott, John I., and F. D. Buckley, to Bituminous Coal Research, Inc. Recycling, pressurized vortical whirl separator, concentrator and ash storage system for powdered coal-burned gas turbine power plants. 2,771,962, 11-27-56, Cl. 183-34.  
 Yelmgren, Alden E.: See—  
 Voet, Andries, and Yelmgren. 2,754,219.  
 Yenni, Donald M.: See—  
 Curtin, John L., and Yenni. 2,745,934.  
 Yenni, Donald M., and K. L. Thomas, to Union Carbide and Carbon Corp. Gas-shielded metal-arc welding. 2,753,427, 7-3-56, Cl. 219-10.  
 Yeager, Eric B., and D. P. Drown, to Sylvania Electric Products Inc. Lamp exhaust head. 2,775,271, 12-23-56, Cl. 141-384.  
 Yeoman, Frederick A.: See—  
 Lindsay, Edward W., and Yeoman. 2,743,309.  
 Yeoman, Frederick A., and J. E. Chamberlain, to Esso Research & Development Co. 2,772,927, 12-11-56, Cl. 136-166.  
 Yeomans Brothers Co.: See—  
 Yeomans, Charles. 2,730,961.  
 Yeomans, Charles. 2,764,104.  
 Yeomans, Charles, to Yeomans Brothers Co. Control system. 2,730,961, 11-17-56, Cl. 103-238.  
 Yeomans, Charles, to Yeomans Brothers Co. Compressor unloading systems. 2,764,104, 9-25-56, Cl. 103-248.  
 Yeomans, Lucien L., to M. F. Watts. Automobile walker. 2,760,758, 8-28-56, Cl. 254-35.  
 Yeomans, Lucien O., to American Telephone and Telegraph Co. Overcurrent and undercurrent indicating lamp. 2,736,884, 2-28-56, Cl. 340-253.  
 Yeomans, Lucien O., to J. E. Chamberlain, T. G. Bell, and R. C. Weatherhead, to Fairchild's Inc. Dispensing device for a counting and packing machine. 2,742,184, 4-17-56, Cl. 221-203.  
 Yesberger, Lloyd A., and I. H. Wynne, to Oglebay, Norton and Co. Balling apparatus and process. 2,728,940, 1-3-56, Cl. 18-1.  
 Yetter, Edward W., to Leeds and Northrup Co. Magnetic measuring system. 2,755,434, 7-17-56, Cl. 324-43.  
 Yetter, Harry G. Bean clamp. 2,744,460, 5-8-56, Cl. 103-141.  
 Yetter, Harry G. Deflector for a disc cutter. 2,762,285, 9-11-56, Cl. 97-53.  
 Yildiz, Emrahul A. Variable pitch propeller mechanism for winged aircraft. 2,747,675, 5-29-56, Cl. 170-160.16.  
 Yinger, Paul V., to The Post Glover Electric Co. Master switch assembly. 2,745,916, 5-15-56, Cl. 200-17.  
 Yochem, Donald E. Hypodermic syringe gauge. 2,739,588, 3-27-56, Cl. 128-218.  
 Yochem, Donald E. Hypodermic syringe gauge. 2,739,589, 3-27-56, Cl. 128-218.  
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 Yochem, Donald E. Multiple dose hypodermic syringe control. 2,739,591, 3-27-56, Cl. 128-218.  
 Yochim, Albert, to Wallace A. Erickson & Co. Compartmented bag and package. 2,756,875, 7-31-56, Cl. 206-47.  
 Yocke, Bernard A., W. J. Carter, and W. L. White. Artificial mouth apparatus. 2,770,882, 11-20-56, Cl. 32-71.  
 Yoder, Victor E.: See—  
 Moon, Seaton, Pearson, and Yoder. 2,767,595.  
 Yoder Co., The: See—  
 Abel, Paul J. 2,737,563.  
 Abel, Paul J. 2,769,888.  
 Yoder, Joe B.: See—  
 Schoenfeldt, Herman R., and Yoder. 2,733,166.  
 Yoder, John R. Removable ladder steps. 2,730,412, 1-10-56, Cl. 304-31.5.  
 Yoder, Richard J., to Esso Research and Engineering Co. Hydroformer regenerator temperature control. 2,756,216, 7-24-56, Cl. 252-417.



- Yoder, Richard J., to Esso Research and Engineering Co. Hydroforming process and apparatus. 2,765,260, 10-2-56, Cl. 196-50.
- Yoder, Richard J., to Esso Research and Engineering Co. Fluid hydroforming process. 2,773,015, 12-4-56, Cl. 196-50.
- Yoerger, Roger R., to Iowa State College Research Foundation, Inc. Method of segmenting corncobs. 2,766,795, 10-16-56, Cl. 146-239.
- Yohn, John K., to Woodings-Verona Tool Works. Railroad track aligner. 2,736,268, 2-28-56, Cl. 104-8.
- Yohn, Henry M., and L. H. Lockwood, to Armstrong Cork Co. Block-handling device. 2,765,102, 10-2-56, Cl. 221-14.
- Yoho, Clayton W., to Stoner-Mudge, Inc. Isocyanate-castor oil metal cement. 2,769,526, 11-6-56, Cl. 260-407.
- Yoho, John R., and W. J. Strong, to The B. F. Goodrich Co. Apparatus for bending valve stems. 2,754,878, 7-17-56, Cl. 153-39.
- Yokel, Edward C., to Twin Disc Clutch Co. Slip operating clutch and cooling means therefor. 2,775,328, 12-25-56, Cl. 192-57.
- Yon, William G. Supplemental feed apparatus for internal-combustion engine. 2,731,250, 1-17-56, Cl. 261-18.
- Yonash, Robert F., to The Joggler Corp. Metal corrugating machine. 2,734,552, 2-14-56, Cl. 153-76.
- Yonkers, Joseph, to Boat Control Attachment for flush tanks. 2,764,179, 9-25-56, Cl. 137-417.
- Yonkers, Edward H., to Joslyn Mfg. and Supply Co. Open type luminaire reflector. 2,758,199, 8-7-56, Cl. 240-103.
- Yonkers, William A., to Radio Frequency Laboratories, Inc. Drawer slides. 2,752,219, 6-26-56, Cl. 312-341.
- Yonkers, William A., to Radio Frequency Laboratories, Inc. Spot welding apparatus. 2,760,041, 8-21-56, Cl. 219-4.
- Yorgey, Willard B., Jr., to Western Electric Co., Inc. Liquid dispensing device. 2,750,752, 6-19-56, Cl. 62-1.
- York Corp.: See—
- Blum, Robert D. 2,739,792.
- Leonard, William D. 2,741,264.
- York, Edward R.: See—
- Pines, Arthur N., and York. 2,735,860.
- Pines, Arthur N., and York. 2,736,736.
- York Engineering & Construction Co.: See—
- Muller, Herman E. 2,754,964.
- York, Lawrence. Multiple master cylinder for the hydraulic feed system of a motor vehicle. 2,747,372, 5-29-56, Cl. 60-54.6.
- York, Otto H., and R. H. Westergaard. Elastic metal mesh tubular bellows. 2,755,079, 7-17-56, Cl. 267-1.
- York, Raymond A., to General Electric Co. Electronic counter indicator. 2,763,432, 9-18-56, Cl. 235-92.
- York-Shipley, Inc.: See—
- Mohn, Henry L. 2,738,132.
- York, William C. Ash receiver. 2,730,106, 1-10-56, Cl. 9-25.
- York, Zigmund J. Non-spill holder for baskets or the like. 2,751,177, 6-19-56, Cl. 248-146.
- Yorker & Sons, Inc.: See—
- Robb, Wayne F., and Myer. 2,764,453.
- Yorkshire Copper Works Ltd., The: See—
- Constantinides, George. 2,730,609.
- Yorkshire Switchgear & Engineering Co. Ltd.: See—
- Caton, George. 2,748,227.
- Yorston, James K., and J. V. Rice. Bunk stakes for use on logging trucks, railway flat cars and the like. 2,754,769, 7-17-56, Cl. 10-7-352.
- Yosano, Iku.: See—
- Nakano, Shinpei, and Yosano. 2,736,000.
- Yosano, Iku, to International Standard Electric Corp. Attitude compensated echo sounding device. 2,774,954, 12-18-56, Cl. 340-3.
- Yosemite Chemical Co.: See—
- De Lew, Earl R., and Michaelis. 2,748,084.
- Yoshida, Tadashi. Process for the electrodeposition of iron-chromium alloys. 2,766,196, 10-9-56, Cl. 204-43.
- Yost, Albert G., to L. G. Sokol and J. P. Janovic. Means for softening musical instrument reeds. 2,775,275, 12-25-56, Cl. 144-196.
- Yost, Floyd G.: See—
- Millard, Louis J. 2,741,393.
- Yost, John F., and I. B. Frederick, to American Cyanamid Co. Friable polycarylate powders. 2,751,367, 6-19-56, Cl. 260-41.
- Yost, John F., and I. B. Frederick, to American Cyanamid Co. Solubilized polyacrylates. 2,751,368, 6-19-56, Cl. 260-41.
- Yost, Kermit D., to Kleinschmidt Laboratories, Inc. Print-receiver telegraph receiver. 2,774,816, 12-18-56, Cl. 178-29.
- Yost, Norman V.: See—
- Mitchell, Gerald A., and Yost. 2,751,526.
- Yost, Oscar A., and G. Adamiec: said Adamiec assor. to said Yost. Non-skid dishes. 2,750,769, 6-19-56, Cl. 65-15.
- Yost, Robert S.: See—
- Auten, Robert W., and Yost. 2,742,453.
- Yost, Robert S., and R. W. Auten, to Rohm & Haas Co. Nitrogenous condensates. 2,742,450, 4-17-56, Cl. 260-70.
- Youd, James T., to Hawaiian Pineapple Co., Ltd. Press. 2,775,191, 12-25-56, Cl. 100-148.
- Youhouse, Joseph, to Casco Products Corp. Heat-responsive control. 2,734,985, 2-14-56, Cl. 219-25.
- Youhouse, Joseph, to Casco Products Corp. Steam iron. 2,757,464, 8-7-56, Cl. 38-77.
- Youhouse, Joseph, to Casco Products Corp. Toggle switch. 2,761,026, 8-28-56, Cl. 200-6.
- Youle, John C., and C. V. Carlson, said Carlson to said Youle. Flush impact vehicle operated cattle gate. 2,758,399, 10-14-56, Cl. 39-5.
- Yountans, Arthur H., to Well Surveys, Inc. Method and apparatus for detecting neutrons in the presence of other radiation. 2,740,898, 4-3-56, Cl. 250-71.
- Yountans, Arthur H., to Well Surveys, Inc. Conduction counter for radioactivity well logging. 2,760,078, 8-21-56, Cl. 250-33.3.
- Younce, Harvey N., Sr. Disengager for snagged fishhooks. 2,768,462, 10-30-56, Cl. 43-17.2.
- Young, Allen E., to the United States of America as represented by the Secretary of the Navy. Position-sensitive probe circuit. 2,766,413, 10-9-56, Cl. 518-31.
- Young, Ambrose E.: See—
- Maggs, Arthur H., and Young. 2,736,828.
- Young, Andrew H., to General Electric Co. Method of making a coated transparent fluorescent screen. 2,732,312, 1-24-56, Cl. 117-33.5.
- Young, Andrew H., to General Electric Co. Method of making luminescent materials. 2,734,872, 2-14-56, Cl. 252-301.6.
- Young, Arthur J., to English Electric Valve Co. Ltd. Devices having fragile envelopes partly filled with mercury. 2,766,396, 10-9-56, Cl. 313-164.
- Young, Aubrey A.: See—
- Gold and Guy F. Shoener, and Young. 2,739,535.
- Young, Charles F.: See—
- Lee, George S., and Young. 2,749,908.
- Young, Charles H., Jr.: See—
- Wendell, Evert J., and Young. 2,758,547.
- Young, Charles J.: See—
- Greig, Harold G., and Young. 2,735,784.
- Young, Charles J., to Radio Corp. of America. System for character code signal transmission and electronic character selection and/or printing. 2,759,045, 8-14-56, Cl. 178-15.
- Young, Charles J., and R. G. Olden, to Radio Corp. of America. Continuous current electrophotographic recorder. 2,732,775, 1-31-56, Cl. 95-1.7.
- Young, Charles M., Jr., to Link-Belt Co. Shakeout device for foundry molds. 2,741,815, 4-17-56, Cl. 22-95.7.
- Young, Claude D., to The Foxboro Co. Combination manual and automatic control valve. 2,753,737, 7-10-56, Cl. 74-625.
- Young, Courtney R., Jr. One piece memorandum pad holder for telephone switchboards. 2,757,022, 7-31-56, Cl. 281-15.
- Young, Cyril C. Gas pilot arrangement for burner apparatus. 2,755,525, 5-22-56, Cl. 138-11.
- Young, David G., to American Optical Co. Method of producing conductive coating on a surface and the coated article. 2,761,797, 9-4-56, Cl. 117-211.
- Young, David W.: See—
- Cottle, Delmer L., Knoth, and Young. 2,758,975.
- Cottle, Delmer L., Young, and Edson. 2,764,523.
- Cottle, Delmer L., Young, and Franklin. 2,758,953.
- Cottle, Delmer L., Young, and Morway. 2,746,924.
- Morway, Arnold J., Cottle, and Young. 2,739,127.
- Morway, Arnold J., Young, and Smith. 2,750,341.
- Smith, Paul V., Jr., and Young. 2,734,884.
- Young, David W., and F. W. Banes, to Esso Research and Engineering Co. Stabilized organic compositions containing alkylated alkoxy phenols. 2,730,436, 1-10-56, Cl. 44-78.
- Young, David W., A. J. Morway, and D. L. Cottle, to Esso Research and Engineering Co. Anti-oxidants. 2,730,500, 1-10-56, Cl. 252-51.5.
- Young, David W., G. E. Serniuk, and D. L. Cottle, to Esso Research and Engineering Co. Stabilized organic compositions containing alkylated bisphenyl compounds. 2,745,726, 5-15-56, Cl. 44-78.
- Young, David W., A. J. Morway, and D. L. Cottle, to Esso Research and Engineering Co. Complex ester base lubricating grease compositions. 2,751,351, 6-19-56, Cl. 252-42.
- Young, David W., B. M. Vanderbilt, D. L. Cottle, and A. J. Morway, to Esso Research and Engineering Co. Process for improving lubricating oils. 2,755,224, 7-17-56, Cl. 196-23.
- Young, David W., A. J. Morway, and H. J. Franklin, to Esso Research and Engineering Co. Halogenated hydrocarbon-treated greases. 2,755,249, 7-17-56, Cl. 252-42.1.
- Young, David W., D. L. Cottle, and A. H. Gleason, to Esso Research and Engineering Co. Wax composition containing an allyl butadiene-styrene copolymer. 2,756,217, 7-24-56, Cl. 260-28.5.
- Young, David W., A. J. Morway, and D. L. Cottle, to Esso Research and Engineering Co. Lubricating greases from oxo olefins. 2,768,139, 10-23-56, Cl. 252-42.
- Young, David W., and D. L. Cottle, to Esso Research and Engineering Co. Alkylated phenols and stabilized compositions comprising same. 2,769,784, 11-6-56, Cl. 252-52.
- Young, De Walt S., and N. M. Atkins, to Eastman Kodak Co. Preparation of alkyl isodehydroacetates from alkyl acetoacetates using sulfur trioxide dissolved in sulfuric acid as condensing agent. 2,739,156, 3-20-56, Cl. 260-343.5.
- Young, De Walt S., and H. C. McCulley, to Eastman Kodak Co. 2,2'-methylene-bis-tert. butylhydroquinone and fats and oils stabilized therewith. 2,763,672, 9-18-56, Cl. 260-398.5.
- Young, De Walt S., and G. F. Rodgers, to Eastman Kodak Co. Catalytic process for the conversion of isodehydroacetic esters into derivatives of beta-methyl glutanoic acid. 2,768,175, 10-23-56, Cl. 260-347.3.
- Young, Don W. Sensitive differential pressure capsule switch. 2,764,646, 9-25-56, Cl. 200-83.

- Young, Donald M. and P. D. Berry, to Union Carbide and Carbon Corp. Antistatic treatment of hydrophobic resin articles. 2,767,107, 10-16-56, Cl. 117-138.8.
- Young, Douglas, Inc.: See—  
Young, Lewis D. 2,735,610.  
Young, Lewis D. 2,738,507.  
Young, Lewis D. 2,751,139.
- Young, Douglas L. G.: See—  
Edge, Stanley H., Heacock, and Young. 2,730,075.  
Edge, Stanley H., Heacock, and Young. 2,737,021.
- Young, Douglas A., to Westinghouse Electric Corp. Moving coil electrical instruments. 2,773,240, 12-4-56, 324-150.
- Young, Earl M., Jr.: See—  
Shelley, James P., and Young. 2,774,692.
- Young, Earl M., and H. F. Bennett, to Eastman Kodak Co. Digital computer for computing square roots by subtracting successive odd numbers. 2,751,149, 6-19-56, Cl. 235-61.
- Young, Edwin H. P.: See—  
Carrington, Herbert C., and Young. 2,760,964.
- Young, Einar T., to Sun Oil Co. Well surveying instrument. 2,756,511, 7-31-56, Cl. 33-205.5.
- Young, Emil O. Damper regulator. 2,729,114, 1-3-56, Cl. 74-504.
- Young, Everett C. Lighting fixtures. 2,750,492, 6-12-56, Cl. 240-71.
- Young, Farrell S. Molds for concrete pipe weights. 2,739,362, 3-27-56, Cl. 25-127.
- Young, Felix H.: See—  
Bild, Charles P., and Young. 2,768,259.
- Young, Francis W., to United Aircraft Corp. Metal hose vibration damper. 2,757,690, 8-7-56, Cl. 138-55.
- Young, Frank G., to Union Carbide and Carbon Corp. Production of pyridine bases and catalyst therefor. 2,741,618, 4-10-56, Cl. 260-290.
- Young, Frank L.: See—  
Moline, Elliott. 2,774,249.
- Young, Frank W. Dust collector. 2,732,912, 1-31-56, Cl. 183-61.
- Young, Fred D., and T. W. Munger. Handle for milk cartons. 2,763,414, 9-18-56, Cl. 224-45.
- Young, Fred W., to S. N. Goldman. Collapsing seat for nesting carriers. 2,769,645, 11-6-56, Cl. 280-33.99.
- Young, Frederick S., to Pioneer Toledo Corporation, and National Pioneer, Inc. Honing. 2,759,302, 8-21-56, Cl. 51-92.
- Young, Gale J.: See—  
Ohlinger, Leo A., Wigner, Young, and Weinberg. 2,743,225.  
Weinberg, Alvin M., Young, Morrison, and Ohlinger. 2,735,811.  
Wigner, Eugene P., Ohlinger, Young, and Weinberg. 2,736,696.  
Wigner, Eugene P., Ohlinger, and Young, and Weinberg. 2,770,591.
- Young, Gale J., to the United States of America as represented by the United States Atomic Energy Commission. Neutronic reactor having a flattened activity curve. 2,774,730, 12-18-56, Cl. 204-193.
- Young, George A. Support for holding containers on inclined surfaces. 2,750,139, 6-12-56, Cl. 248-148.
- Young, George L.: See—  
Stanton, Russell S., and Yucht. 2,743,360.
- Young, Glenn S. Electric power supply system and method of controlling same. 2,771,558, 11-20-56, Cl. 307-35.
- Young, Harland H., and H. C. Black, to Swift & Co. Solvent treatment. 2,740,799, 4-3-56, Cl. 260-410.7.
- Young, Harold G. Method of making a cased needle roller bearing. 2,741,015, 4-10-56, Cl. 29-148.4.
- Young, Harold S. Intraosseous fluid injection instrument. 2,773,500, 12-11-56, Cl. 128-218.
- Young, Harold S. Drill element for effecting intraosseous fluid injections and the like. 2,773,501, 12-11-56, Cl. 128-221.
- Young, Herbert W., and K. G. Kimble, to National Brass Co. Latch construction. 2,755,120, 7-17-56, Cl. 292-74.
- Young, Hewitt R., to General Electric Co. Rotary gas burner. 2,745,479, 5-15-56, Cl. 158-99.
- Young, Homer W.: See—  
Morse, Charles H., and Young. 2,771,819.
- Young, James A. Spring loaded pressure clip for storm shutters. 2,742,679, 4-24-56, Cl. 20-58.
- Young, James F., to General Electric Co. Refrigerating apparatus. 2,741,100, 4-10-56, Cl. 62-6.
- Young, James H.: See—  
Klabunde, Walter, and Young. 2,752,226.
- Young, James L. Portable pipe beveling apparatus. 2,769,234, 11-6-56, Cl. 30-97.
- Young, John C. Rotatable vehicle seat construction. 2,740,463, 4-3-56, Cl. 155-5.
- Young, John C. Resilient seat back construction. 2,742,957, 4-24-56, Cl. 155-179.
- Young, John C. Piston. 2,757,995, 8-7-56, Cl. 809-31.
- Young, John P. Tool and appliance handle. 2,752,207, 6-26-56, Cl. 306-41.
- Young, John P., to the United States of America as represented by the Secretary of Commerce. Apparatus for cooling gun barrels. 2,764,914, 10-2-56, Cl. 89-14.1.
- Young, John T.: See—  
Johnston, Norman G., and Young. 2,768,798.
- Young, John T., to United States Boron & Chemical Corp. Production of sodium tetraborate pentahydrate crystals. 2,768,883, 10-30-56, Cl. 23-302.
- Young, Julius, and B. W. Colman. Flush panel construction for conduit caps. 2,753,076, 7-3-56, Cl. 220-86.
- Young, Julius, and B. W. Colman. Confection package. 2,759,831, 8-21-56, Cl. 99-180.
- Young, Kong S. Card table with drawers and shelves. 2,754,167, 7-10-56, Cl. 312-235.
- Young, L. A. Spring & Wire Corp.: See—  
Collins, Leland O. 2,735,114.  
Day, Herbert O., and Roberts. 2,765,719.  
Dorkins, Evan E. 2,764,306.  
Simmonds, Wayne W. 2,731,892.
- Young, Leroy W. Driving glasses. 2,743,447, 5-1-56, Cl. 2-13.
- Young, Leroy W. Silencing device for toilet seat. 2,751,604, 6-26-56, Cl. 257.
- Young, Lester C., to Epo, Inc. Mold assembling apparatus. 2,754,555, 7-17-56, Cl. 29-31.
- Young, Lewis D., to Douglas Young, Inc. Hinged paper box with hinge covering flap. 2,735,610, 2-21-56, Cl. 229-44.
- Young, Lewis D., to Douglas Young, Inc. Hinge attaching machine and anvil. 2,738,507, 3-20-56, Cl. 1-42.7.
- Young, Lewis D., to Douglas Young, Inc. Catch for a cardboard box of the like. 2,751,139, 6-19-56, Cl. 229-47.
- Young, Lewis W.: See—  
Richter, Kenneth E., and Young. 2,759,083.
- Young, Lloyd W., to Union Carbide and Carbon Corp. Con- tour following apparatus. 2,728,988, 1-3-56, Cl. 33-23.
- Young, Lloyd W., to Union Carbide and Carbon Corp. Multiple blowpipe shape cutting machine. 2,747,557, 5-29-56, Cl. 266-23.
- Young, Louis B., to the United States of America as represented by the Secretary of the Navy. Frequency comparison. 2,740,912, 12-11-56, Cl. 324-58.
- Young Radiator Co. See—  
Brinen, Howard F. 2,735,698.  
Walton, William L. 2,738,171.
- Young, Ray A. Method of grafting camellias and other tender plants. 2,764,844, 10-2-56, Cl. 47-5.
- Young, Ray C., and R. A. Rusca, to the United States of America as represented by the Secretary of Agriculture. Fiber deflector. 2,745,144, 5-15-56, Cl. 19-93.
- Young, Raymond A. Mounting and drive for helicopter rotor. 2,771,221, 11-20-56, Cl. 244-17.27.
- Young, Rex A.: See—  
Campbell, Charles H., Gaenzle, and Young. 2,743,748.
- Young, Richard E., to Borg-Warner Corp. Transmission control. 2,774,376, 12-18-56, Cl. 137-620.
- Young, Richard J.: See—  
Horrobin, Sydney, and Young. 2,765,311.  
Pittwell, Laurence R., and Young. 2,734,873.
- Young, Richard W., to American Cyanamid Co. Production of heterocyclic sulfonyl chlorides. 2,744,907, 5-8-56, Cl. 260-302.
- Young, Richard W., to American Cyanamid Co. Process for preparing substituted - mercapto - 1,3,4 - thiadiazoles. 2,744,908, 5-8-56, Cl. 260-302.
- Young, Richard W., to Morgan Construction Co. Mechanism for handling billets and the like. 2,761,561, 9-4-56, Cl. 209-122.
- Young, Richard W., to American Cyanamid Co. 1,3,4-oxadiazole-sulfonamides. 2,763,600, 9-18-56, Cl. 260-307.
- Young, Robert H. Food additive. 2,774,673, 12-18-56, Cl. 99-143.
- Young, Robert K.: See—  
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- Young, Ross W., Jr., to Tri-Pak Machinery Service, Inc. Bag sealing machine. 2,762,179, 9-11-56, Cl. 53-198.
- Young, Roy V., Jr.: See—  
Swain, Charles J., and Young. 2,738,575.
- Young, Roy V., Jr., to Zephyr Mfg. Co., Mfg. Division. Heating device. 2,740,035, 3-27-56, Cl. 219-19.
- Young, Samuel D., to Thomas Hunter Ltd. Closure of bottles and like containers. 2,765,600, 10-9-56, Cl. 53-42.
- Young, Samuel M.: See—  
Chambers, John E., Phares, and Young. 2,763,259.
- Young, Sidney G. Electrical socket having a movable shutter to cover its contact openings. 2,740,943, 4-3-56, Cl. 339-20.
- Young, Sidney G. Electrical socket connectors. 2,775,746, 12-25-56, Cl. 339-256.
- Young, Stanley O. Tobacco elevator. 2,774,461, 12-18-56, Cl. 198-139.
- Young, Thomas R., and R. L. Somerville, to Horizons Titanium Corp. Method of preparing electrolyte. 2,731,405, 1-17-56, Cl. 204-64.
- Young, Thomas R., and R. L. Somerville, to Horizons Titanium Corp. Preparation of electrolyte. 2,731,406, 1-17-56, Cl. 204-64.
- Young, Walter N., to International Resistance Co. Automatic batch furnace apparatus. 2,775,440, 12-25-56, Cl. 263-7.
- Young, William K., deceased; The Third National Bank of Rockford, executor. Device for changing circular motion to rectilinear motion. 2,775,128, 12-25-56, Cl. 74-49.
- Young, William R., Jr.: See—  
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- Young, William R., Jr., to Bell Telephone Laboratories, Inc. Radiant energy signaling systems. 2,745,953, 5-15-56, Cl. 250-6.



- Young, Charles H.: *See—*  
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 Oehler, William P., and Youngberg. 2,759,311.  
 Oehler, William P., and Youngberg. 2,765,610.  
 Oehler, William P., and Johnson. 2,765,609.  
 Youngberg, Walter, to the H. B. Ives Co. Latch mechanism. 2,742,321, 4-17-56, Cl. 8-48.  
 Youngchild, Casper E., to Beloit Iron Works. Removable apron cloth and head box therefor. 2,748,669, 6-5-56, Cl. 92-44.  
 Youngclaus, Warren C. Device for determining deviation of magnetic compasses. 2,765,649, 10-9-56, Cl. 73-1.  
 Youngclaus, Warren C. Device for turning an airplane. 2,765,650, 10-9-56, Cl. 73-1.  
 Younghusband, James L.: *See—*  
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 Youngquist, Kenneth V. Remote control radio receiver. 2,741,727, 4-10-56, Cl. 317-138.  
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 Sloninger, John C. 2,765,074.  
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 Beauchamp, Wilfred A. 2,765,501.  
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 Johansson, Carl E., and Noble. 2,774,515.  
 Madland, Gabriel. 2,770,199.  
 Torburn, Gustav P. 2,765,502.  
 Treptow, George K. 2,766,067.  
 Youngstrom, Leonard W., and L. W. Pearl. Adjustable connector for tank and bowl of a close coupled water-closet combination. 2,743,460, 5-1-56, Cl. 4-68.  
 Youngworth, Bernard. Self-closing gate unit. 2,757,408, 8-1-56, Cl. 175.  
 Yunker, Elmer L., to the United States of America as represented by the Secretary of the Navy. Waveguide mode filter. 2,759,156, 8-14-56, Cl. 333-98.  
 Yonse, Earl L., and D. E. Marnon, to General Aniline & Film Corp. Aftertreatment of azoic-dye cellulose derivatives. 2,742,321, 4-17-56, Cl. 8-48.  
 Youssoüban, Ara, and G. Rollat, to Societe Genevoise d'Instruments de Physique. Machine-tool. 2,759,378, 8-21-56, Cl. 77-36.  
 Youtz, Donald E.: *See—*  
 Reimschuessel, Charles A., and Youtz. Re. 24,225.  
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 Youtz, Philip N.: *See—*  
 Brown, Robinson W., Gilbert, and Youtz. 2,758,467.  
 Youtz, Philip N. Bouncing attachment for shoes. 2,756,517, 7-31-56, Cl. 36-7.8.  
 Yowell, Howard L., and D. A. Caldwell, to Esso Research and Engineering Co. Tobacco desuckering process. 2,746,853, 5-22-56, Cl. 71-2.3.  
 Yowell, Howard L., and D. A. Caldwell, to Esso Research and Engineering Co. Tobacco desuckering bactericidal composition. 2,746,854, 5-22-56, Cl. 71-2.5.  
 Yowell, Howard L., and J. F. McKay, to Esso Research and Engineering Co. Herbicidal composition. 2,754,188, 7-10-56, Cl. 71-2.6.  
 Yowell, Joseph W., and D. B. Miner. Bellows. 2,749,942, 6-12-56, Cl. 137-796.  
 Yowell, Joseph W., and D. B. Miner. Fluid pressure operating control. 2,750,465, 6-12-56, Cl. 200-83.  
 Yrskoski, Steve. Cultivator shield lifter. 2,737,869, 3-13-56, Cl. 97-188.  
 Yatesen, Lloyd O. Trundle. 2,759,298, 8-21-56, Cl. 46-220.  
 Ytterfors, Sven L.: *See—*  
 Lareen, Jan A., and Ytterfors. 2,747,610.  
 Yu, Yeo P., to Allen B. Du Mont Laboratories, Inc. Variable pulse delay circuit. 2,745,004, 5-8-56, Cl. 250-27.  
 Yu, Yeo P. Electron-tube circuit for amplitude comparison. 2,767,314, 10-16-56, Cl. 250-27.  
 Yuan, Luke C. L., to the United States of America as represented by the Secretary of the Navy. Vacuum-tube voltmeter. 2,729,787, 1-3-56, Cl. 324-123.  
 Yuan, Shao W., and T. Von Kärman. Lift rotar control. 2,759,548, 8-21-56, Cl. 170-135.4.  
 Yuba Mfg. Co.: *See—*  
 Darkenwald, Wilbert J. 2,751,096.  
 Harris, Robert L., and Lothrop. 2,734,560.  
 Harris, Robert L., Pellinen, and Lothrop. 2,737,817.  
 Sharp, Bayard. 2,772,877.  
 Yuch, George: *See—*  
 Stanton, Russell S., and Yucht. 2,743,360.  
 Yudin, Avery. Reel for thin tapes. 2,753,127, 7-3-56, Cl. 242-74.  
 Yule, John A. C.: *See—*  
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 Yule, John A. C., to Eastman Kodak Co. Black printers and electrooptical methods of making them. 2,748,190, 5-29-56, Cl. 178-5.4.  
 Yullich, George M. Differential float. 2,734,304, 2-14-56, Cl. 43-43.11.  
 Yunker, Charles L.: *See—*  
 Yunker, Ellen M., and C. L. 2,767,650.  
 Yunker, Ellen M., and C. L. Article for correcting master sheets. 2,767,650, 10-23-56, Cl. 101-149.4.  
 Yurko, Malvin M., to Socony Mobil Oil Co., Inc. Contacting of liquid and granular solids. 2,758,070, 8-7-56, Cl. 196-147.  
 Yuska, Henry: *See—*  
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 Yust, Venard E., and J. L. Bame, to Shell Development Co. Lead scavenger compositions. 2,750,267, 6-12-56, Cl. 44-89.  
 Yust, Venard E., and J. L. Bame, to Shell Development Co. Lead scavenger compositions. 2,765,220, 10-2-56, Cl. 44-89.  
 Yutzy, Henry C.: *See—*  
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 McFall, John C., and Yutzy. 2,735,768.  
 Yutzy, Henry C., to Eastman Kodak Co. Photographic color reproduction process. 2,756,142, 7-24-56, Cl. 95-2.  
 Yutzy, Henry C., and E. C. Yackel, to Eastman Kodak Co. Photographic reproduction process. 2,759,890, 3-27-56, Cl. 95-5.8.  
 Yutzy, Henry C., and E. C. Yackel, to Eastman Kodak Co. Photographic transfer process. 2,740,717, 4-3-56, Cl. 95-5.8.  
 Yutzy, Henry C., and B. H. Carroll, to Eastman Kodak Co. Photographic reproduction process. 2,747,989, 5-29-56, Cl. 95-5.8.  
 Yzer, Jacobus A. L.: *See—*  
 Dros, Albert A., Yzer, and Hellingman. 2,746,241.  
 Z & W Machine Products, Inc.: *See—*  
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 Zaalberg, Willem, to Smit-Rontgen N. V. Tilting mechanism for x-ray examination table. 2,771,330, 11-20-56, Cl. 311-6.  
 Zablocki, Charles J.: *See—*  
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 Zaboy, John W., to Pittsburgh Coke & Chemical Co. Activated carbon treatment of sugar liquors and regeneration. 2,763,580, 9-18-56, Cl. 127-55.  
 Zaboy, Louis G. Exercising, resting and relaxing device. 2,738,975, 3-20-56, Cl. 272-58.  
 Zabriske, Charles L., to Essex Products, Inc. Combined lighting fixture and fire extinguisher assembly. 2,759,546, 8-21-56, Cl. 169-26.  
 Zabriske, Charles L., to Essex Products, Inc. Fluid dispensing package and container therefor. 2,759,547, 8-21-56, Cl. 169-35.  
 Zabriske, Douglas M.: *See—*  
 Ridings, Garvie H., Hackenberg, Wise, Worthen, and Zabriske. 2,732,276.  
 Zabriske, Douglas M., to The Western Union Telegraph Co. Magnetic stylus guide. 2,766,097, 10-9-56, Cl. 346-139.  
 Zabriske, Douglas M., to The Western Union Telegraph Co. Pencil scanning mechanism. 2,770,517, 11-13-56, Cl. 346-74.  
 Zachar, John, to Shell Development Co. Lubricating compositions. 2,748,082, 5-29-56, Cl. 252-47.5.  
 Zachariah, Woodrow F.: *See—*  
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 Zachariassen, Stig H. B., to Aktiebolaget Separator. Dosing method and device. 2,733,725, Cl. 137-12.  
 Zachariassen, Stig H. B., to Aktiebolaget Separator. Apparatus for continuous centrifugal separation. 2,752,089, Cl. 253-19.  
 Zachary, Alexis. Deposit receptacle. 2,754,040, 7-10-56, Cl. 223-109.  
 Zachary, Alexis. Hair treating device. 2,774,358, 12-18-56, Cl. 132-34.  
 Zachary, George G. Wire guide. 2,746,716, 5-22-56, Cl. 254-133.3.  
 Zachary, Robert A., and J. G. Schermerhorn, to General Electric Co. Electrical phase discriminator circuits. 2,734,168, 2-7-56, Cl. 324-83.  
 Zachman, Arnold A. Glass clips. 2,741,348, 4-10-56, Cl. 159-78.  
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 Ragazzini, John R., and Zadeh. 2,749,516.  
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 Zaenker, Frederick A., to The Cincinnati Butchers' Supply Co. Meat impregnator. 2,760,666, 7-31-56, Cl. 99-257.  
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 Zaffarano, Frank P., to the United States of America as represented by the Secretary of the Navy. Automatic frequency control aid. 2,746,031, 5-15-56, Cl. 343-6.8.  
 Zaffarano, Frank P., to General Railway Signal Co. Electronic testing instrument. 2,749,514, 6-5-56, Cl. 324-68.  
 Zaffarano, Frank P., and W. K. Maenpaa, to General Railway Signal Co. Coded cab signalling system for railroads. 2,731,553, 1-17-56, Cl. 246-63.  
 Zagel, Samuel S. Scouring bar. 2,765,484, 10-9-56, Cl. 159-78.  
 Zagray, Harold F., to Precision Building System, Inc. Interlocking corner block. 2,749,739, 6-12-56, Cl. 72-41.  
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 Linnell, Robert H., and Zahlan. 2,773,066.  
 Zahn, Karl M., to International Harvester Co. Spring mounted tool shank. 2,771,018, 11-20-56, Cl. 97-47.84.  
 Zahn, Karl M., to International Harvester Co. Spring mounted tool shank. 2,775,181, 12-25-56, Cl. 97-47.84.

- Zahn, Karl M., and F. R. Brooks, to International Harvester Co. Stubble mulch cultivator lift lock. 2,753,735, 7-10-56, Cl. 74-527.
- Zahn, Wilhelm, Fastener for vehicle coverings. 2,743,132, 4-24-56, Cl. 296-100.
- Zahradnicki Friedrichshafen, Aktiengesellschaft: See—Maier, Albert, Schwab, and Kiechle. 2,772,581.
- Schwab, Otto. 2,729,317.
- Zahodjakin, Victor F. Method of manufacturing a sheet metal socket element. 2,743,518, 5-1-56, Cl. 29-539.
- Zahodjakin, Victor F. Fastening devices. 2,745,162, 5-15-56, Cl. 24-221.
- Zahradnik, George J.: See—Du Bois, Edgar H., Zahradnik, and Tontkin. 2,730,946.
- Zaiger, Louis, and R. L. Lappin, Trunion and bushing assembly for windshield wiper equipment. 2,734,784, 2-14-56, Cl. 308-15.
- Zaiger, Louis, and R. L. Lappin, Applying and polishing apparatus. 2,748,408, 6-5-56, Cl. 15-49.
- Zaiger, Max: See—Nesson, Israel. 2,756,454.
- Zak, Joseph T. Rectilinear slide rules. 2,746,682, 5-22-56, Cl. 235-70.
- Zak, Robert E. Storage battery terminal clamps. 2,735,996, 2-21-56, Cl. 339-238.
- Zakarian, Nouchen, Auto damping suspension device. 2,753,178, 7-3-56, Cl. 267-20.
- Zakheim, Murray, to The Pennsylvania Salt Mfg. Co. Composition comprising copper salts of fluorine, arsenic and fibrous materials containing same. 2,772,199, 11-27-56, Cl. 167-38.5.
- Zakheim, Murray, to The Pennsylvania Salt Mfg. Co. Composition containing copper salts of fluorine and arsenic for protecting wood and other fibrous materials. 2,772,200, 11-27-56, Cl. 167-38.5.
- Zalcman, Haskiel, Method of removing hair and wool from animal hides and skins. 2,775,504, 12-25-56, Cl. 83-94.16.
- Zales, Joseph H., and G. E. Franck, to The Imperial Brass Mfg. Co. Portable, hand operated, tube bending tool. 2,757,562, 8-7-56, Cl. 81-15.
- Zaleski, John F., to General Precision Laboratory Inc. Radio frequency vulcanizing. 2,738,408, 3-13-56, Cl. 219-10.55.
- Zaleski, John F., to General Precision Laboratory Inc. Microwave lobe shifting antenna. 2,746,756, 9-25-56, Cl. 343-768.
- Zaleski, John F., to General Precision Laboratory Inc. Wave guide direction changer. 2,754,483, 7-10-56, Cl. 333-98.
- Zaleski, John F., to General Precision Laboratory Inc. Closed path delay line. 2,757,366, 7-31-56, Cl. 343-17.7.
- Zaleski, John F., to General Precision Laboratory Inc. Flexible waveguide. 2,758,612, 8-14-56, Cl. 138-50.
- Zaleski, John F., to General Precision Laboratory Inc. Gas-filled diode discharge tube. 2,765,445, 10-2-56, Cl. 333-13.
- Zaleski, John F., to General Precision Laboratory Inc. Microwave power divider. 2,766,430, 10-9-56, Cl. 333-7.
- Zaleski, John F., and R. Crane, Jr., to General Precision Laboratory Inc. Microwave amplitude modulator. 2,733,411, 1-1-56, Cl. 332-57.
- Zaleski, John F., and G. R. Gamertsfelder, to General Precision Laboratory Inc. Microwave power divider. 2,769,145, 10-30-56, Cl. 333-7.
- Zaleski, Stella, Marking gauge. 2,756,505, 7-31-56, Cl. 23-42.
- Zalisko, Wsewolod, Braille stamp or press. 2,742,997, 4-24-56, Cl. 197-6.1.
- Zalkind, Albert M. Profile block toy. 2,747,297, 5-29-56, Cl. 35-8.
- Zalkind, Albert M. Educational pull toy. 2,747,324, 5-29-56, Cl. 46-17.
- Zalkind, Albert M. Push toy. 2,747,328, 5-29-56, Cl. 46-114.
- Zalkind, Albert M. Pounding toy. 2,774,179, 12-18-56, Cl. 46-1.
- Zallee, James P. Method and apparatus for corrugating pipe sections. 2,751,961, 6-26-56, Cl. 153-73.
- Zallee, James P. Expansion joint and apparatus for and method of making same. 2,770,259, 11-13-56, Cl. 138-52.
- Zaller, Morton S.: See—Heller, Harold S. 2,746,043.
- Zalm, Pieter: See—Brill, Alfred, Klasens, and Zalm. 2,770,749.
- Zalm, Pieter, A. Brill, and H. A. Klasens, to Hartford National Bank and Trust Co., as trustee, Cathode-ray tube comprising fluorescent screen. 2,754,444, 7-10-56, Cl. 313-92.
- Zaloga, Edwin A. Shower curtain rod attachment. 2,774,974, 12-25-56, Cl. 4-154.
- Zalud, Charles, to Titan Abrasives Co. Abrasive article. 2,734,813, 2-14-56, Cl. 51-298.
- Zamhoni, Frank J. Refrigerated milk storage tank and pest-treatment. 2,738,170, 3-13-56, Cl. 257-10.
- Zamhoni, Frank J. Ice rink resurfacing machine. 2,763,939, 9-25-56, Cl. 37-13.
- Zamhoni, Paul, to Landis & Gyr A. G. Integrating mechanism. 2,769,591, 11-6-56, Cl. 235-61.
- Zambruno, Arthur A.: See—Mead, William H., Zambruno, and Jett. 2,770,924.
- Zander, Rolf A.: See—Vigren, Sten D., Broberg, and Zander. 2,740,871.
- Zandmer, Solis M. Apparatus for providing ducts between borehole wall and casing. 2,775,304, 12-25-56, Cl. 166-100.
- Zanetti, Renzo, Instrument with helioidal marks for reading time. 2,757,508, 8-7-56, Cl. 58-12.6.
- Zanin, Clarence V. Sealed reducer joint between pipes. 2,735,697, 2-21-56, Cl. 285-22.
- Zaninovich, George A. Collapsible booth. 2,749,577, 6-12-56, Cl. 20-1.6.
- Zaninovich, George A. Display stand. 2,762,513, 9-11-56, Cl. 211-1.6.
- Zankl, Frank: See—Armitage, Joseph B., and Zankl. 2,764,067.
- Zanola, Angelo L. Sub-soil aerating cultivator. 2,750,860, 6-19-56, Cl. 97-46.85.
- Zant, Fred: See—Jones, David W., and Zant. 2,770,074.
- Zaoralek, Johann: See—Nunan, Craig S., and Zaoralek. 2,731,955.
- Zapf, Heinrich G. to Husqvarna Vapenfabriks Aktiebolag, Manufacture of iron powder. 2,735,737, 2-21-56, Cl. 75-5.
- Zaphiropoulos, Renn: See—Zaphiropoulos. 2,739,263.
- Zaphiropoulos, Renn, to Chromatic Television Laboratories, Inc. Hoop electrode structure. 2,736,832, 2-28-56, Cl. 313-78.
- Zaphiropoulos, Renn, to Chromatic Television Laboratories, Inc. Electrode structure. 2,738,436, 3-13-56, Cl. 313-78.
- Zaphiropoulos, Renn, to Chromatic Television Laboratories, Inc. Method of welding wires under tension. 2,748,238, 5-29-56, Cl. 219-10.
- Zapp, John A., Jr.: See—Brouha, Lucien A., Smith, and Zapp. 2,773,262.
- Zargarpur, Rouhollah, to General Electric Co. Electrical connector for refrigerator defrosting means. 2,758,150, 8-7-56, Cl. 174-84.
- Zarkin, Charles, Graining machine. 2,739,423, 3-27-56, Cl. 91-1.
- Zarn, Adolphe E., to Pneumafil Corp. Hydraulic check device for looms. 2,753,895, 7-10-56, Cl. 139-161.
- Zarnowski, Frank J., to Orchard Brothers Inc. Tool for forming joints in connected convolutions of slats. 2,748,866, 6-9-56, Cl. 16-121.
- Zarrillo, Salvatore N., to Claarostat Mfg. Co., Inc. Electric control. 2,757,264, 7-31-56, Cl. 201-85.
- Zarth, William A., to MacLett Laboratories, Inc. Method of forming a beryllium member to a metal part. 2,770,033, 11-13-56, Cl. 29-488.
- Zaruba, Edward J.: See—Eckman, Leonard G., and Zaruba. 2,731,554.
- Zatko, Lester T. Adjustable sheave pulley. 2,746,307, 5-29-56, Cl. 74-230.17.
- Zatko, Lester T. Ridged housing stamping. 2,754,785, 7-17-56, Cl. 113-44.
- Zaubenrecher, Ferdinand N.  $\frac{1}{4}$  to J. Domengeaux, Grain combiner concave reconditioner. 2,761,262, 9-4-56, Cl. 239-69.
- Zauner, Walter, 40% to E. Szasz and 60% to J. Etler, Drawing triangle. 2,752,685, 7-3-56, Cl. 33-109.
- Zavales, Charles T., to P-R Machine Works, X-ray apparatus and controls. 2,752,509, 6-26-56, Cl. 250-95.
- Zaverov, Victor A., to The Coulter & McKenzie Machine Co., Inc. Wire packaging attachment and drive means therefor. 2,732,066, 1-24-56, Cl. 203-200.
- Zavod, Joseph L. Aquarium filter. 2,730,496, 1-10-56, Cl. 41-1.
- Zay, Pietro, and A. Ferretto, Cage for ball and like bearings. 2,740,674, 4-3-56, Cl. 308-201.
- Zbornik, Thomas W.: See—Walde, Arthur W., Van Essen, and Zbornik. 2,762,821.
- Zbornik, Thomas W., and O. H. Peterson, to Dr. Salsbury's Laboratories, Method of treating air sac infection in poultry with para-amino-benzoate composition. 2,748,051, 5-29-56, Cl. 167-33.1.
- Zdansky, Ewald A. Water electrolyzer. 2,739,936, 3-27-56, Cl. 204-256.
- Zeabari, George J. Automobile trunk extension. 2,772,041, 11-27-56, Cl. 224-42.44.
- Zeamer, Richard J., to the United States of America as represented by the Secretary of the Army, Canister loading using stacked cylinders. 2,767,658, 10-23-56, Cl. 102-38.
- Zearfoss, Elmer W., Jr. Refrigerating apparatus. 2,750,757, 6-19-56, Cl. 62-4.
- Zearfoss, Elmer W., Jr. Refrigerating apparatus. 2,753,693, 7-10-56, Cl. 62-4.
- Zeabarth, Ralph S., to Gordon W. Johnson Co. Shackle for poultry dressing machines. 2,731,665, 1-24-56, Cl. 17-44.1.
- Zeabarth, Ralph S., to Gordon W. Johnson Co. Poultry treating apparatus. 2,738,437, 3-20-56, Cl. 17-11.
- Zeabarth, Ralph S., to Gordon Johnson Equipment Co. Poultry scalding machine having a rotatable basket. 2,741,795, 4-17-56, Cl. 17-11.2.
- Zebley, Donald D.: See—Wilde, Curtis P., Jr. 2,756,866.
- Zeebree, David T., to Hercules Powder Co. Electric initiator and ignition mixture therefor. 2,761,886, 9-4-56, Cl. 102-28.
- Zech, August E. Fishhook. 2,745,208, 5-15-56, Cl. 43-44.8.
- Zech, John D., to Atlas Powder Co. Amino-acetic esters of phenoxypolyethoxy alcohol. 2,759,015, 8-14-56, Cl. 260-483.
- Zech, John D., to Atlas Powder Co. Quaternary ammonium halides. 2,775,604, 12-25-56, Cl. 260-404.5.
- Zeck, John, to Valve for Internal combustion engine carburetor. 2,761,647, 9-4-56, Cl. 251-225.
- Zee, Chong-Hung, Drafting table paper crease-proof attachment. 2,743,551, 5-1-56, Cl. 45-131.



- Zeeb, Stanley H., to Aeroquip Corp. Coupling with sliding seal and locking device. 2,757,941, 8-7-56, Cl. 284-4.
- Zeegers, Johannes A. *See—*
- De Jong, Geert J., and Zeegers. 2,768,989.
- De Jong, Geert J., and Zeegers. 2,774,793.
- Zeegers, Johannes A., to Stamicarbon N. V. Process of converting substances ionized in solution with the help of ion exchangers. 2,771,418, 1-20-56, Cl. 210-24.
- Zeerip, Thomas E., to Doman Helicopters, Inc. Method of adjusting a helicopter blade trailing edge tab. 2,760,588, 8-28-56, Cl. 170-160.24.
- Zega, Frank. Mechanical golf instruction aid. 2,756,056, 7-24-56, Cl. 273-191.
- Zeidler, Howard M. *See—*
- Myers, William D., and Zeidler. 2,747,098.
- Zeidler, Reinhold C., to Borg-Warner Corp. Mounting assembly for relatively rotatable members. 2,737,423, 3-6-56, Cl. 308-163.
- Zeidler, Reinhold C., to Borg-Warner Corp. Hydrodynamic coupling device. 2,745,352, 5-15-56, Cl. 103-115.
- Zeidler, Reinhold C., to Borg-Warner Corp. Fluid coupling element. 2,752,859, 7-3-56, Cl. 103-115.
- Zeigler, Philip B. *See—*
- Lincoln, Clovis W., and Zeigler. 2,765,605.
- Lincoln, Clovis W., and Zeigler. 2,768,531.
- Zeilman, Roy H., to The Thew Shovel Co. Multiple passage fluid coupling for power steering of cranes and the like. 2,768,843, 10-30-56, Cl. 285-137.
- Zeilman, Roy H., and A. Smythe, to The Shovel Co. Vehicle with selective wheel drive from either of two motors. 2,731,097, 1-17-56, Cl. 180-23.
- Zeiningner, Henry P. Projection apparatus for displaying precious stones. 2,742,813, 4-24-56, Cl. 88-24.
- Zeisloft, Harry C. *See—*
- Jorgensen, Clarence H., and Zeisloft. 2,738,405.
- Zeiss, Carl. *See—*
- Bauersfeld, Walther. 2,736,231.
- Bauersfeld, Walther W. J. 2,760,407.
- Bauersfeld, Walther, and Sonnberger. 2,751,813.
- Bauersfeld, Walther, Werner, and Vieweg. 2,748,652.
- Berger, Johannes. 2,760,406.
- Berger, Johannes, and Lange. 2,744,447.
- Berger, Johannes, and Lange. 2,748,656.
- Drozdofsky, Martin. 2,741,940.
- Kinder, Walter, and Zieher. 2,764,061.
- Knuttl, Helmut. 2,768,555.
- Köhler, Horst. 2,764,062.
- Köhler, Horst, and Knuttl. 2,731,883.
- Lange, Günther. 2,764,062.
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- Lange, Günther, and Richter. 2,732,762.
- Littmann, Hans, and Sievogt. 2,733,634.
- Räntsch, Kurt. 2,734,960.
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- Sonnberger, Heinrich. 2,760,723.
- Sonnberger, Heinrich. 2,772,047.
- Steigerwald, Karl H. 2,771,568.
- Zeiss Ikon, A. G. *See—*
- Ulferts, Heinz. 2,773,417.
- Zeissler, Albert B. *See—*
- Acton, Jack C., and Zeissler. 2,749,460.
- Acton, Jack C., and Zeissler. 2,774,900.
- Petersen, Maurice E., and Zeissler. 2,747,119.
- Zeissler, Albert B., to General Electric Co. Dual ring support for end turns of form wound coils. 2,774,899, 12-18-56, Cl. 810-260.
- Zeitlin, Alexander, L. Mollick, and F. T. Morrison, to Baldwin-Lima-Hamilton Corp. Means for indicating load eccentricity in presses. 2,756,589, 7-31-56, Cl. 73-88.5.
- Zeitz, Frederick H.,  $\frac{1}{2}$  to J. D. Smith, Jr. Weeding hoe. 2,771,019, 11-20-56, Cl. 97-68.
- Zeitz, Harry. Soft-soled slipper construction. 2,732,633, 1-31-56, Cl. 36-9.
- Zelenka, Louis P., to Commonwealth Sanitation Co. Vapor-releasing fan-driven deodorizer. 2,764,789, 10-2-56, Cl. 21-7.
- Zelinka, Josef, to Svit, narodni podnik. Machine for manufacture of shoe soles. 2,735,120, 2-21-56, Cl. 12-85.2.
- Zelinskas, George A. *See—*
- Barnes, Richard W., and Zelinskas. 2,749,066.
- Zelkowitz, Philip, to Empire Oil Co. Receptacle for use in cleaning paint-roller sleeves or the like. 2,766,803, 10-16-56, Cl. 68-213.
- Zell, Parker R. Decorative and pressure-receiving button and manufacture thereof. 2,746,079, 5-22-56, Cl. 16-42.
- Zell, Parker R. *See—*
- Tomoschak, William. 2,774,158.
- Zeller, Charles E. Telephone attached pad holder. 2,731,764, 1-24-56, Cl. 45-5.
- Zeller Corp., The. *See—*
- Skistimas, George. 2,771,063.
- Zeller, Edward E., to Western Electric Co., Inc. Roller punch and die. 2,733,749, 2-7-56, Cl. 153-21.
- Zeller, Heinrich. *See—*
- Scholz, Heinrich, Oettel, and Zeller. 2,764,581.
- Zeller, Josef J. *See—*
- Schaefer, Carl A., and Zeller. 2,741,678.
- Zeller, Josef J., to Square D Co. Switch operating mechanism. 2,758,480, 8-14-56, Cl. 74-104.
- Zeller, Paul. *See—*
- Isler, Otto, Montavon, Rüegg, and Zeller. 2,730,549.
- Zelley, Walter G. *See—*
- Keller, Fred, and Zelley. 2,755,242.
- Zellner, Hugo, to Donau-Pharmazie Gesellschaft m. b. H. New ester of atychinic acid n-oxide and the like, and a process of making same. 2,758,113, 8-7-56, Cl. 260-236.
- Zellstoffabrik Waldhof. *See—*
- Sohn, August W. 2,760,943.
- Zellweger, A. G. Apparate- und Maschinenfabriken Uster. *See—*
- Meierhofer, Hugo. 2,746,119.
- Moos, Albert. 2,746,120.
- Zellweger, Conrad, to La Nationale S. A. Valves for filling pyrophoric lighters for liquified gas. Re. 2,743,613, 6-5-56, Cl. 62-1.
- Zellweger, Conrad, to La Nationale S. A. Fluidtight watch crown construction. 2,733,567, 2-7-56, Cl. 58-90.
- Zellweger, Conrad J. J., to La Nationale S. A. Pyrophoric gas lighters. 2,737,037, 3-6-56, Cl. 67-87.
- Zelonka, George. Cosmetic traveling kit. 2,764,309, 9-25-56, Cl. 220-23.4.
- Zelony, Emanuel M. Teething ring. 2,766,757, 10-16-56, Cl. 128-359.
- Zelov, Victor I. Window closure. 2,771,643, 11-27-56, Cl. 20-40.
- Zelt, Elmer J., to General Electric Co. Suspension bracket. 2,733,038, 1-31-56, Cl. 248-3-7.
- Zenzler, Joseph A., to General Electric Co. Electrical vapor detector. 2,742,585, 4-17-56, Cl. 313-7.
- Zemp, Rene R., to E. I. du Pont de Nemours and Co. Process for producing images. 2,729,562, 1-3-56, Cl. 95-7.
- Zemrowski, Edmund A. Round tenon-cutting tool. 2,764,187, 9-25-56, Cl. 14-56.
- Zenczak, Piotr. *See—*
- Grondal, Bror L., and Zenczak. 2,772,968.
- Zenger, Justin, to Glycerine Corp. of America, Inc. Method of recovering glycerine from fermentation products. 2,759,889, 8-21-56, Cl. 210-7.8.5.
- Zene, Joseph A., to Radio Corporation of America. Video recording with D. C. Bias. 2,734,941, 2-14-56, Cl. 178-6.6.
- Zener, Francis B., and J. A. Moseley. Electrical stethoscope. 2,755,336, 7-17-56, Cl. 179-1.
- Zentgraf, Harry, and E. B. Whitworth, to Imperial Chemical Industries Ltd. Production of new esters of ortho-phosphoric acid and salts thereof. 2,759,962, 8-21-56, Cl. 260-46.1.
- Zeni, Victor. Shaft sinking machine. 2,769,614, 11-6-56, Cl. 255-48.
- Zenth Engineering Corp. *See—*
- Litzenberger, David P. 2,762,311.
- Zenth Plastics Co. *See—*
- Brucker, Milton. 2,747,180.
- Zenth Radio Corp. *See—*
- Adler, Robert. 2,740,002.
- Adler, Robert. 2,741,721.
- Adler, Robert. 2,753,527.
- Adler, Robert. 2,758,153.
- Adler, Robert. 2,758,210.
- Adler, Robert. 2,764,710.
- Bell, John F., and Matthews. 2,753,457.
- Bell, John F., and Nordby. 2,771,547.
- Bridges, Jack E. 2,732,495.
- Bridges, Jack E. 2,761,010.
- Bridges, Jack E. 2,769,854.
- Christensen, Raymond T. 2,773,942.
- Cotsworth, Albert, II. 2,754,359.
- Druz, Walter S. 2,755,332.
- Druz, Walter S. 2,755,333.
- Druz, Walter S. 2,758,154.
- Druz, Walter S. 2,770,672.
- Ellett, Alexander. 2,770,671.
- Ellett, Alexander. 2,770,803.
- Hardy, Maurice E. 2,736,228.
- Mullaney, Ralph A. 2,743,109.
- Rennick, John L. 2,775,691.
- Roschke, Erwin M. 2,752,415.
- Roschke, Erwin M. 2,752,488.
- Spracklen, John G. 2,768,319.
- Tanner, Paul A., and Gegenschatz. 2,749,594.
- Wood, Frank A. 2,730,682.
- Zenk, Ernest G. Lawn edge trimmer. 2,753,785, 7-10-56, Cl. 97-257.
- Zenk, Martin J., Jr. *See—*
- Spies, Newton B., Jr., and Zenk. 2,744,066.
- Zenker, Raymond O. Reversible container cap. 2,760,665, 8-28-56, Cl. 215-11.
- Zenker, Richard L., to Studebaker-Packard Corp. Differential pedals having longitudinally adjustable antispread member. 2,735,315, 2-21-56, Cl. 74-607.
- Zenner, Raymond E., to the United States of America as represented by the Secretary of the Navy. Sound recording apparatus. 2,734,689, 2-14-56, Cl. 242-54.
- Zenner, Raymond E., to the United States of America as represented by the Secretary of the Navy. Level wind mechanism. 2,740,593, 4-3-56, Cl. 242-158.
- Zenner, Walter J., to Teletype Corp. Tape feeding device. 2,735,888, 2-21-56, Cl. 178-17.
- Zenner, Walter J., to Teletype Corp. Positive engaging clutch. 2,762,477, 9-11-56, Cl. 192-28.
- Zepelovitch, Nathan, to N. A. Bernstein. Universal bottle closure. 2,729,354, 1-3-56, Cl. 215-85.
- Zepelovitch, Nathan, to N. A. Bernstein. Closure member. 2,771,205, 11-20-56, Cl. 215-52.
- Zepernick, Lawrence D. *See—*
- Randall, Clifton O., Weathersby, and Zepernick. 2,754,489.

- Zephyr American Corp.: *See*—  
 Neilsen, Hilda L. 2,731,017.  
 Neilsen, Hilda L. 2,731,966.  
 Neilsen, Hilda L. 2,738,775.  
 Neilsen, Hilda L. 2,761,750.  
 Zephyr Laundry Machine Co.: *See*—  
 Slate, Arthur R., Sr., and Koplin. 2,752,770.  
 Zephyr Mfg. Co., Manufacturing Division: *See*—  
 Swain, Charles J., and Young. 2,738,575.  
 Young, Roy V., Jr. 2,740,035.  
 Zepp, Albert P., C. J. and F. P. Process for making ice cream mixes. 2,757,092, 7-31-56, Cl. 19-55.  
 Zepp, Charles J.: *See*—  
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 Zepp, Emil,  $\frac{1}{2}$  and Schloz. Rotary pump. 2,774,307, 12-18-56, Cl. 103-93.  
 Zepp, Francis P.: *See*—  
 Zepp, Albert P., C. J. and F. P. 2,757,092.  
 Zerante, James A., and N. E. Bergdall. Fishing float. 2,772,504, 12-4-56, Cl. 13-17.  
 Zerbe, Howard E. Awning and canopy structures. 2,770,020, 11-13-56, Cl. 20-57.5.  
 Zerbe, Richard O.: *See*—  
 Christensen, Chester W. and Zerbe. 2,768,988.  
 Zerbe, Richard O., and M. C. Thordahl, to Monsanto Chemical Co. Vulcanization of rubber and compositions employed therefor. 2,747,005, 5-22-56, Cl. 260-763.  
 Zerbe, Louis J. Fixer. 2,736,093, 2-28-56, Cl. 33-1.  
 Zerlin, Hans,  $\frac{1}{2}$  to Jagenberg Werke Akt.-Ges. Fiber container end structure. 2,735,504, 2-21-56, Cl. 229-3.5.  
 Zerner, Ernst: *See*—  
 Goldstein, Herman B., Pollock, and Zerner. 2,756,175.  
 Zernov, Peter, to Mercury Engineering Corp. Blank counting mechanism. 2,771,011, 11-20-56, Cl. 83-83.  
 Zeto Mfg. Co.: *See*—  
 Duncan, George R. Re. 2,741,62.  
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- Zimmerman, Jay V., Co.: See—
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- Zimmerman, Martin U., Jr. to The Standard Oil Co. Impact baffle. 2,767,068, 10-16-56, Cl. 23-288.
- Zimmerman, Robert L.: See—
- Jones, Giffin D., and Zimmerman. 2,757,190.
- Zimmerman, Robert N. Engine low oil indicator. 2,747,042, 5-22-56, Cl. 200-81.9.
- Zimmerman, Walter: See—
- Hoffmann, Albert. 2,732,029.
- Zimmerman, William C.: See—
- Albert, John C., and Zimmerman. 2,759,636.
- Zimmerman, William F.: See—
- Winter, Paul H., and Zimmerman. 2,759,058.
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- Zimmermann, Erich O.: See—
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- Zimmermann, Hans-Gerhard, to Robert Bosch G. m. b. H. 2,748,487, 6-8-56, Cl. 33-123.
- Zimmermann, Joseph J., to The Electronic Secretary, Inc. Power supply switching circuit. 2,769,859, 11-6-56, Cl. 179-6.
- Zimmermann, Joseph J., to The Electronic Secretary, Inc. Timing and holding apparatus. 2,769,860, 11-6-56, Cl. 179-6.
- Zimmermann, Wilhelm, to Metallgesellschaft Aktiengesellschaft. Cooling apparatus. Re. 24,211, 9-11-56, Cl. 34-174.
- Zimmermann, Willy E. Container closing device. 2,749,003, 6-5-56, Cl. 52-130.
- Zimmers, Mildred G. Golf ball retriever. 2,738,214, 3-13-56, Cl. 294-19.
- Zimmerschied, Wilford J.: See—
- Johnson, Carl E., and Zimmerschied. 2,764,526.
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- Zimsky, Nathan, to Electric Co. Motor-pump unit. 2,734,459, 2-14-56, Cl. 103-87.
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- Zindel, Willi. Iron pit props. 2,745,622, 5-15-56, Cl. 243-354.
- Zingeler, George J. Cellulosic sponge cleaning implement. 2,744,281, 5-8-56, Cl. 15-244.
- Zingone, Anthony E., to Neo-Ray Products, Inc. Recessed lighting fixture and jack supports therefor. 2,744,716, 5-8-56, Cl. 248-818.
- Zingone, Anthony E., to Neo-Ray Products, Inc. Connector structure. 2,770,438, 11-13-56, Cl. 248-317.
- Zini, Pedro P., and D. P. Bottini. Test device for tire valve. 2,737,047, 3-6-56, Cl. 73-48.
- Ziniuk, Michael A., to Holley Carburetor Co. Electronic control. 2,774,035, 3-27-56, Cl. 307-26.
- Zink, Alvin J., Jr., to Try Connector Corp. High frequency connector unit. 2,767,267, 10-16-56, Cl. 200-51.1.
- Zink, Hermann, and H. Wenz, to G. M. Pfaff A.-G. Operating mechanism for needle threading devices. 2,739,553, 3-27-56, Cl. 112-225.
- Zink, Hermann, and H. Wenz, to G. M. Pfaff A.-G. Spool winder for sewing machines. 2,745,365, 5-15-56, Cl. 112-218.
- Zink, John C.: See—
- Reed, Robert D. 2,737,234.
- Reed, Robert D., and Zink. 2,757,721.
- Zink, John S.: See—
- Reed, Robert D., and Zink. 2,757,721.
- Zinke, Erwin M. Sheet metal straightening hammer. 2,739,499, 3-27-56, Cl. 81-15.
- Zinke, Willard L., to the United States of America as represented by the Secretary of the Navy. Cantilever spring. 2,775,443, 12-25-56, Cl. 267-1.
- Zinkernagel, Robert: See—
- Schetty, Guido, Stammach, and Zinkernagel. 2,745,874.
- Zinkil, Roy H.: See—
- Nelson, Axel B., Schmidt, and Zinkil. 2,774,972.
- Zinkil, Roy H., T. P. Newman, and J. V. Novak, to Crane Co. Resilient mounting for plumbing fixtures and the like. 2,766,461, 10-16-56, Cl. 4-170.
- Zinn, Donald V. Motor vehicle body of the self-unloading type. 2,770,376, 11-13-56, Cl. 214-83.32.
- Zinner, Karl, to Maschinenfabrik Augsburg-Nürnberg A. G. Method of operating supercharged four-stroke internal-combustion engines. 2,735,411, 2-21-56, Cl. 123-1.
- Zinsco Electrical Products: See—
- Locher, Ross E. 2,747,053.
- Zinser, Clay M., to Sutherland Paper Co. Packaging device for wrapped products. 2,761,614, 9-4-56, Cl. 229-87.
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- Zip Products Co.: See—
- Misson, William H. 2,762,604.
- Zipay, John: See—
- Jenkins, William D., Frank, and Zipay. 2,734,953.
- Zipf, Edward C.: See—
- Williamson, Fred N., and Zipf. 2,760,005.
- Ziph, Andrew H., to Walker Mfg. and Sales Corp. Draft regulator. 2,736,500, 2-28-56, Cl. 236-45.
- Zippel, Richard, and E. Wenger. Wire joining machine. 2,752,958, 7-9-56, Cl. 140-93.8.
- Zippler, Francis J., 1/2 to H. G. Bolster. Blast furnaces provided with tuyeres having baffles. 2,749,112, 6-5-56, Cl. 266-30.
- Zippo Mfg. Co.: See—
- Blaisdel, George G., and Flickinger. 2,774,234.
- Zipser, David E., to Fenney Engineering, Inc. Cooler unit. 2,773,364, 12-11-56, Cl. 62-140.
- Zipser, Frederick S. Boring instrument leveling device. 2,757,458, 8-7-56, Cl. 33-207.
- Zirconium Corp. of America: See—
- Schoenlaub, Robert. 2,756,126.
- Ziska, Adam. Ring cutting machine. 2,771,662, 11-27-56, Cl. 29-70.
- Ziskal, Joseph F.: See—
- Ferguson, Henry A., Boyle, and Ziskal. 2,743,789.
- Ziskal, Joseph F., to International Harvester Co. Selective vehicle brake-engaging apparatus. 2,741,337, 4-10-56, Cl. 188-152.
- Ziskal, Joseph F., to International Harvester Co. Hydraulic power steering mechanism for vehicles. 2,769,520, 11-6-56, Cl. 180-79.2.
- Zisman, William A.: See—
- Merkel, Robert E., and Zisman. 2,735,816.
- Zitke, Ernest J.: See—
- Sallie, Stanley H., and Zitke. 2,775,532.
- Zitkus, Victor J.: See—
- Beddoes, John H., and Zitkus. 2,738,607.
- Zito, George V., to the United States Atomic Energy Commission. Counting-rate meter. 2,752,508, 6-26-56, Cl. 250-83.6.
- Zito, Joseph L., to E. & G. Machine and Tool Co. Tire bead breaking device with circumferentially distributed thrust members. 2,762,424, 9-11-56, Cl. 157-128.
- Zito, Ralph Jr., and F. S. Dellenbach, III, to General Precision Laboratory Inc. Comparator. 2,769,957, 11-6-56, Cl. 324-57.
- Zitomer, Abe, to Alumac Corp. of America. Window structures. 2,740,998, 4-10-56, Cl. 20-52.2.
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- Zitomer, Abe, to Alumac Corp. of America. Sash and sash frames. 2,774,997, 12-25-56, Cl. 20-12.
- Zitzwitz, Barbara O.: See—
- Vischer, Alfred, Jr. 2,747,832.
- Zitzwitz, Elmer K.: See—
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- Zitzwitz, Gertrude J.: See—
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- Zitzwitz, Walter W.: See—
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- Zlodan, Joseph, to Process for deserinating candleilla wax. 2,749,357, 6-5-56, Cl. 260-428.5.
- Zobel, Gerald. Pipe joint with detent and gasket for diving suit. 2,732,231, 1-24-56, Cl. 285-174.
- Zobel, Otto J., to Bell Telephone Laboratories, Inc. Impedance transformer. 2,767,580, 10-16-56, Cl. 333-35.
- ZoBell, Claude E., to Texaco Development Corp. Method of removing deposits of wax and like materials. 2,742,398, 4-17-56, Cl. 195-3.
- Zocchi, Leon G. Electrical circuit breaker for an internal combustion engine. 2,766,356, 10-9-56, Cl. 200-21.
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- Zoeller, Herman J.: See—
- Basch, Walter M., and Zoeller. 2,733,218.
- Perry, Stephen F., Bailly, and Zoeller. 2,737,470.
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- Zoerb, Fred J. Cell holder and concrete form. 2,728,970, 1-3-56, Cl. 28-1.
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- Zoglmann, Rudolf: See—
- Bouwers, Albert, and Zoglmann. 2,762,259.
- Zohn, Roberta, executrix: See—
- Long, Ed. 2,737,759.
- Zollman, Charles W. Grain drying apparatus. 2,733,521, 2-7-56, Cl. 34-224.
- Zöllner, Harry, to VEB Optik Carl Zeiss Jena. Spherically, chromatically and astigmatically corrected three component objective. 2,744,456, 11-2-56, Cl. 88-57.
- Zoltanski, Edward F., to Minneapolis-Honeywell Regulator Co. Electrical resistor device. 2,743,340, 4-24-56, Cl. 201-55.
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- Zonite Products Corp.: See—
- McLaughlin, Harris M. 2,739,593.

- Zonneveld, Simon H.: *See*—  
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- Zonolite Co.: *See*—  
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- Zook, Rose. Curtain construction. 2,741,305, 4-10-56, Cl. 160-349.
- Zook, William M., to Kalamazoo Tank & Silo Co. Dashpot cylinder. 2,745,517, 5-15-56, Cl. 188-88.
- Zopf, George W., Jr., to Monsanto Chemical Co. Thaw indicator. 2,762,711, 3-11-56, Cl. 99-192.
- Zoppa, Arthur E. Sulfonation of turpentine. 2,757,193, 7-31-56, Cl. 260-503.
- Zorich, Igor V., to E. G. Hodson, Jr. Adjustable gearing. 2,742,796, 4-24-56, Cl. 74-103-103.
- Zorn, Werner. Watch dial projecting device. 2,738,703, 3-20-56, Cl. 88-24.
- Zosch, Frank J., to Sylvania Electric Products Inc. Hollow article welding apparatus. 2,740,876, 4-3-56, Cl. 219-4.
- Zotola, Frank, to Empire Brushes, Inc. Combined mop and wringer. 2,730,742, 1-17-56, Cl. 15-116.
- Zotola, Frank, to Empire Brushes, Inc. Butterfly type sponge mops. 2,730,743, 1-17-56, Cl. 15-116.
- Zotloff, Robert A., to L. 74. Device for weaning young animals. 2,773,475, 12-11-56, Cl. 119-71.
- Zozulin, Igor: *See*—  
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- Zozulin, Igor V., to Hergam Pumps Ltd. Motor driven pumps. 2,745,351, 5-15-56, Cl. 103-103.
- Zozulin, Igor V., to Tormag Transmissions Ltd. Agitators. 2,773,680, 12-11-56, Cl. 259-108.
- Zozulin, Igor V., G. J. Okulitch, and A. S. J. Ellett, to Magnetoque Couplings Ltd. Centrally controlled magnetic couplings. 2,743,975, 5-15-56, Cl. 310-100.
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- Zub, Albert W.: *See*—  
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- Zub, Albert W., to ACF Industries, Inc. Accelerating pump inlet check valve closer. 2,775,436, 12-25-56, Cl. 261-34.
- Zubay, Kenneth P., to International Business Machines Corp. Article sorting device. 2,742,155, 4-17-56, Cl. 198-81.
- Zublin, Ernest W., to Shell Development Co. Process for the regeneration of caustic alkali solutions containing mercaptans. 2,760,909, 8-28-56, Cl. 196-32.
- Zublin, John A. Apparatus for drilling wells with oriented curved bores of large radii. 2,734,720, 2-14-56, Cl. 255-1-6.
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- Zuch, Helmut W. Busbar duct. 2,767,241, 10-16-56, Cl. 174-99.
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- Zuch, Howard W.: *See*—  
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- Zucker, Manny: *See*—  
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- Zuckermann, Armand. Eddy current brake. 2,774,895, 12-18-56, Cl. 310-93.
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- Clemens, Charles W., to Aladdin Industries, Inc. Lamp. 178,275, 7-17-56, Cl. D48-20.
- Clemens, Charles W., to Aladdin Industries, Inc. Electric table lamp. 178,276, 7-17-56, Cl. D48-20.
- Clemens, Charles W., to Aladdin Industries, Inc. Table lamp. 178,568, 8-21-56, Cl. D48-20.
- Clemens, Charles W., to Aladdin Industries, Inc. Electric lamp. 179,187, 11-13-56, Cl. D48-20.
- Clemens, George S. Toothbrush. 179,441, 12-25-56, Cl. D89-1.
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- Clement, Carroll W. Carport or similar article. 178,594, 8-28-56, Cl. D13-1.
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- Cohen, Irving. Dress. 179,121, 11-6-56, Cl. D3-26.
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- Fleming, Jack F., to Curtiss-Wright Corp. Pair of sunglasses. 178,179, 7-3-56, Cl. D57-1.
- Fletcher, Charles. Combination airplane and helicopter. 178,598, 8-8-56, Cl. D71-1.
- Fletcher, Wendell S. Airplane or similar article. 177,563, 5-1-56, Cl. D71-1.
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- Sharp, Jeanne A., and Spitz. 178,905.
- Flicht, Leo, to M and M Corp. Telephone tray. 179,342, 12-4-56, Cl. D26-14.
- Floeherty, Mary E. Toilet paper holder or similar article. 177,619, 5-8-56, Cl. D4-3.
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- Flynn, Marian M. Belt. 178,725, 9-11-56, Cl. D3-10.
- Flynt, Robert C. Sr. Sewing machine cabinet. 179,414, 12-18-56, Cl. D33-3.
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- Foell, Harry J., Jr. *See*—  
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- Folden, Clarence L., to Sears, Roebuck and Co. Photographic slide viewer. 179,415, 12-18-56, Cl. D61-1.
- Folley, Donald E. Chess piece. 176,910, 2-14-56, Cl. D34-5.
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- Ford, Walter B. Power lawn mower. 177,466, 4-17-56, Cl. D40-1.
- Ford, Walter B., to Detroit Harvester Co. Power lawn mower. 178,511, 8-14-56, Cl. D40-1.
- Forrest, John W., to Acton Laboratories. Video phase meter cabinet or similar article. 179,132, 11-6-56, Cl. D26-5.
- Forrester, Clyde L., to Bell & Howell Co. Microfilm reader or the like. 178,120, 6-26-56, Cl. D61-1.
- Forman, Jo M., to Westland Plastics, Inc. Measuring cup. 178,512, 8-14-56, Cl. D44-21.
- Ft. Smith Plywood Co. *See*—  
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- Fossos, Robert M. Desk and seat combination. 177,668, 5-15-56, Cl. D33-7.
- Foster, Boutwell H. *See*—  
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- Foster Grant Co., Inc. *See*—  
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- Francis, Albert W. Hose nozzles. 179,285, 11-27-56, Cl. D61-1.
- Francis, Jack W., and S. W. Daugherty. Playground street car. 178,180, 7-3-56, Cl. D34-15.
- Frank, Kurt, and R. G. McPhail, to Holophane Co., Inc. Street lighting reflector. 178,121, 6-26-56, Cl. D48-16.
- Frank Bros., Inc. *See*—  
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- Frank, Harry, and M. Levy. Identification pendant or similar article. 178,446, 4-24-56, Cl. D74-17.
- Frank, Joseph, to Trulon Corp. Hook or similar article. 176,759, 1-31-56, Cl. D17-12.
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- Frawley, Patrick J., Jr., to Paper Mate Mfg. Co. Ball point pen. 178,992, 6-26-56, Cl. D15-1.
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- Frey, Ernest C. Supplemental seat for a child's chair or the like. 178,822, 7-3-56, Cl. D15-1.
- Freedman, Ely, to Greyshaw of Georgia, Inc. Moccasin. 178,654, 9-4-56, Cl. D7-7.
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- Fresco, Albert. Napkin dispenser. 178,655, 9-4-56, Cl. D44-24.
- Frey, Louis E. Headboard for beds. 177,467, 4-17-56, Cl. D5-4.
- Frey, Louis E. Combined twin bed and table unit. 178,046, 6-19-56, Cl. D15-11.
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- Frey, Walter L. Pastry cutter and crimper. 179,131, 11-6-56, Cl. D44-1.
- Frick, William B. Mobile double shelved carrier with open supporting frame. 176,511, 1-3-56, Cl. D14-3.
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- Fridolph, Annette E. Drapery traverse rod or similar article. 177,618, 5-8-56, Cl. D2-1.
- Friedman, Jack J., to Anchor Rubber Products, Inc. Automobile floor mat. 178,353, 7-31-56, Cl. D9-6.
- Friedman, Jack J., to Anchor Rubber Products, Inc. Automobile floor mat. 178,354, 7-31-56, Cl. D9-6.
- Friedman, Jack J., to Anchor Rubber Products, Inc. Automobile floor mat. 178,726, 9-11-56, Cl. D9-6.
- Frooks, Everett. Telephone dialing pencil. 177,468, 4-17-56, Cl. D74-24.
- Frost, Eugene C., and A. J. Lechner, to Lockheed Aircraft Corp. Airplane. 177,029, 3-6-56, Cl. D71-1.
- Fry, George W., to Swift Mfg. Co. Textile fabric. 176,715, 1-24-56, Cl. D92-1.
- Fry, George W., to Swift Mfg. Co. Textile fabric. 176,716, 1-24-56, Cl. D92-1.
- Fry, George W., to Swift Mfg. Co. Textile fabric. 176,717, 1-24-56, Cl. D92-1.
- Fuljoka, Robert K., to Reynolds Industries, Inc. Apron hoop. 176,911, 2-14-56, Cl. D3-10.



- Fulton, Harold L. Butter dish. 177,970, 6-12-56, Cl. D44-5.
- Fulton, James F., to United States Rubber Co. Plastic coated sheet material. 176,760, 1-31-56, Cl. D92-1.
- Fulton, James F., and N. Haddad, to United States Rubber Co. Textile fabric. 179,071, 10-30-56, Cl. D92-1.
- Furedy, Frank. Therapeutic lamp. 179,286, 11-27-56, Cl. D48-20.
- Furman, Morris. Reclining chair. 177,620, 5-8-56, Cl. D15-11.
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- Gaines, Abe J., to Saginaw Furniture Shops, Inc. Combined credenza and extension table. 176,607, 1-10-56, Cl. D33-13.
- Gaines, Abe J., to Saginaw Furniture Shops, Inc. Combined cabinet and extension table. 177,724, 5-22-56, Cl. D33-19.
- Gaines, Abe J., to Saginaw Furniture Shops, Inc. Combined credenza and extension table. 178,285, 7-17-56, Cl. D33-13.
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- Garland, Edward J., to Ray-O-Vac Co. Flashlight. 177,091, 3-13-56, Cl. D48-24.
- Garvin, Milton, to E. Winkle. Hobbyist's lathe or similar article. 177,802, 5-29-56, Cl. D34-15.
- Garvin, Richard H., to Onondaga Pottery Co. Dinner plate or similar article. 177,030, 3-6-56, Cl. D44-15.
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- Garvin, Richard H., to Onondaga Pottery Co. Dinner plate or similar article. 178,047, 6-19-56, Cl. D44-15.
- Garvin, Richard H., to Onondaga Pottery Co. Dinner plate or similar article. 178,048, 6-19-56, Cl. D44-15.
- Garvin, Richard H., to Onondaga Pottery Co. Dinner plate or similar article. 178,956, 10-16-56, Cl. D44-15.
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- Graft, George, to Gerity-Michigan Corp. Dishwasher unit for sinks. 178,997, 10-23-56, Cl. D91-3.
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- Graft, George, to Gerity-Michigan Corp. Dishwasher unit for sinks. 178,999, 10-23-56, Cl. D91-3.
- Graft, George, to Gerity-Michigan Corp. Dishwasher unit for sinks. 179,000, 10-23-56, Cl. D91-3.
- Graft, George, to Gerity-Michigan Corp. Dishwasher unit for sinks. 179,386, 12-11-56, Cl. D91-3.
- Graham, Bernard A., to Sunbeam Corp. Coffee maker or similar article. 179,197, 11-13-56, Cl. D44-26.
- Graham, Elizabeth N. Wrapping paper. 178,564, 8-21-56, Cl. D59-2.
- Graham, John W., to Quaker Lace Co. Tablecloth. 178,776, 9-18-56, Cl. D92-26.
- Graham, John W., to Quaker Lace Co. Tablecloth. 178,777, 9-18-56, Cl. D92-26.
- Graham, John W., to Mayfair Mills, Inc. Tablecloth. 178,778, 9-18-56, Cl. D92-26.
- Graham, John W., to Mayfair Mills, Inc. Tablecloth. 178,779, 9-18-56, Cl. D92-26.
- Graham, John W., to Mayfair Mills, Inc. Tablecloth. 178,780, 9-18-56, Cl. D92-26.
- Graham, M. H. Corp., The. *See*—  
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- Graham, Maurice H., deceased, by M. W. Graham and Northwestern National Bank, executors, and J. N. Polivka, to The M. H. Graham Corp. Tea maker. 179,135, 11-6-56, Cl. D44-28.
- Graham, Maurice H., and J. N. Polivka; said Polivka assor. to said Graham, M. W. Graham, and Northwestern National Bank of Minneapolis, executors of said M. H. Graham, deceased. Coffee maker. 179,198, 11-13-56, Cl. D44-26.
- Graham, Maurice W. *See*—  
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- Grammes, L. F., & Sons, Inc. *See*—  
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- Graser, Clarence F., to General Electric Co. Room air conditioner. 179,416, 12-18-56, Cl. D62-4.
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- Grabowicz, Michael J., to Injection Molding Co. Bottle. 178,919, 10-9-56, Cl. D58-8.
- Greco, Ralph, to Vanity Corset Co., Inc. Panty girdle. 177,042, 3-6-56, Cl. D29-2.
- Green, Bernard, and M. J. Wheel balancing weight. 178,321, 7-24-56, Cl. D14-30.
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- Greenblatt, Irving. Bookmark. 177,805, 5-29-56, Cl. D6-2.
- Greenblatt, Irving. Time indicating device. 178,186, 7-3-56, Cl. D1-2.
- Greene, Irene. Lady's hat or similar article. 178,833, 9-25-56, Cl. D3-13.
- Greene, Irene. Lady's hat or similar article. 178,834, 9-25-56, Cl. D3-13.
- Greene, Melvin M., to Milk Maid Ice Cream Co., Inc. Unit for freezing ice cream. 178,050, 8-19-56, Cl. D67-2.
- Greene, Melvin M., to Milk Maid Ice Cream Co., Inc. Building. 178,657, 9-4-56, Cl. D13-1.



- Greene, Robert Z., V. Benson, and R. Spilman, to Rowe Mfg. Co., Inc. Merchandising machine display panel. 179,136, 11-6-56, Cl. D52-3.
- Greene, Robert Z., V. Benson, and R. Spilman, to Rowe Mfg. Co., Inc. Display device for cigarette merchandising machines. 179,137, 11-6-56, Cl. D52-3.
- Greenspan, Ruth, to Wilmar Co., Inc. Lamp or similar article. 177,639, 4-3-56, Cl. C48-20.
- Grenstein, Benjamin, and C. Molk. Box. 178,957, 10-16-56, Cl. D58-11.
- Grenstein, Benjamin, and C. Molk. Cover for a box. 179,344, 12-4-56, Cl. D58-11.
- Greenwood, Evelyn H., to Kwikset Locks, Inc. Push-pull register door latch. 179,417, 12-18-56, Cl. D10-8.
- Greer, Robert B. Articulated tray. 178,286, 7-17-56, Cl. D44-10.
- Greiner, Joseph J. Hand cultivator. 178,051, 6-19-56, Cl. D39-1.
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- Grinnell, William G., and H. L. Dormann, to Supreme Foundry, Inc. Mounting bracket for a boat windshield. 178,362, 7-31-56, Cl. D71-1.
- Greene, Willard L. Building. 178,878, 10-2-56, Cl. D13-1.
- Gross, Irmi A. Child's costumer. 177,032, 3-6-56, Cl. D33-8.
- Grossberg, David, and S. Langer. Frame for a lounge chair. 177,092, 3-13-56, Cl. D13-1.
- Grossberg, David, and S. Langer. Chair. 178,122, 6-26-56, Cl. D15-1.
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- Grout, Milfred A., to Holden Patent Book Cover Co. Book cover. 177,322, 4-3-56, Cl. D6-2.
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- Gschwind, Robert C. Safety device to prevent free falls. 178,789, 10-2-56, Cl. D41-1.
- Gudmundsen, Austin, and E. E. Wilkin. Power lawn mower housing. 177,906, 6-5-56, Cl. D40-1.
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- Guerlain, Jean-Jacques, to Guerlain, Inc. Bottle. 176,849, 2-7-56, Cl. D58-8.
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- Guild, Lurelle, to Carrier Corp. Air conditioning unit. 177,374, 4-10-56, Cl. D62-4.
- Guild, Lurelle, to Carrier Corp. Control unit for self-contained air conditioning unit. 178,958, 10-16-56, Cl. D62-4.
- Guild, Lurelle, and G. G. Van Voorhis, to Revlon, Inc. Lipstick container. 177,974, 6-12-56, Cl. D86-10.
- Guild, Lurelle, and R. W. Wolff, to Revlon, Inc. Lipstick container. 178,187, 7-3-56, Cl. D86-10.
- Guild, Lurelle, and R. W. Wolff, to Revlon, Inc. Lipstick container. 178,188, 7-3-56, Cl. D86-10.
- Guild, Lurelle, and R. E. French, to Aluminum Co. of America. Tea kettle. 178,658, 9-4-56, Cl. D44-25.
- Guild, Lurelle V. A.: *See—*
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- Guild, Lurelle V. A., to Westinghouse Electric Corp. Toaster. 177,033, 3-6-56, Cl. D81-10.
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- Gundelinger, William E., to The Dazey Corp. Can opening machine. 178,727, 9-11-56, Cl. D22-2.
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- Hamon, Orville C. Candy dish. 179,447, 12-25-56, Cl. D36-2.
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- Harper, Irving, to Chas. D. Briddell, Inc. Steak knife. 177,672, 5-15-56, Cl. D22-3.
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- Harper, Robert J., and R. H. Ensign, to Scripto, Inc. Ball-point pen. 179,449, 12-25-56, Cl. D74-17.
- Harper, Robert J., and R. H. Ensign, to Scripto, Inc. Ball-point pencil. 179,450, 12-25-56, Cl. D74-24.
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- Harris, William C., to S. C. Johnson & Son, Inc. Aerosol sprayer. 177,975, 6-12-56, Cl. D62-2.
- Harrison, Edgar C., to The Victor Products Corp. Combination beverage dispenser and cooler. 176,762, 1-31-56, Cl. D2-3.
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- Hauser, Jon W., to Hawley Products Co. Magazine stand or similar article. 176,514, 1-3-56, Cl. D33-2.
- Hauser, Jon W., to Hawley Products Co. Record player or similar article. 176,514, 1-3-56, Cl. D33-2.
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- Hauser, Jon W., to Hawley Products Co. Waste basket or similar article. 177,910, 6-5-56, Cl. D58-4.
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- Heinemann, Lawrence M., to Permoflux Corp. Cradle for use with a transducer for dictating and like equipment. 178,609, 1-10-56, Cl. D19-14.
- Heinemann, Edward H., and L. J. Devlin, to Douglas Aircraft Co., Inc. Airplane. 177,500, 4-24-56, Cl. D71-1.
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- Jones, James E., to The Hettrick Mfg. Co. Table frame. 177,680, 5-15-56, Cl. D33—14.
- Jones, James E., to The Hettrick Mfg. Co. Table frame. 177,681, 5-15-56, Cl. D33—14.
- Jones, James E., to The Hettrick Mfg. Co. Chair. 177,914, 6-5-56, Cl. D15—1.
- Jones, James E., to The Hettrick Mfg. Co. Chair. 178,374, 7-31-56, Cl. D15—1.
- Jones, James E., to The Hettrick Mfg. Co. Table. 178,375, 7-31-56, Cl. D33—14.
- Jones, James E., to The Hettrick Mfg. Co. Table. 178,376, 7-31-56, Cl. D33—14.
- Jones, James E., to The Hettrick Mfg. Co. Chair. 179,252, 11-20-56, Cl. D15—1.
- Jones, James E., to Gendron Wheel Co. Side frame for invalid wheel chair. 179,302, 11-27-56, Cl. D15—1.
- Jones, James E., and E. P. Stevens, to The Hettrick Mfg. Co. Umbrella table. 178,884, 10-2-56, Cl. D33—14.
- Jones, James E., and E. P. Stevens, to The Hettrick Mfg. Co. Table. 179,300, 11-27-56, Cl. D33—14.
- Jones, James E., and E. P. Stevens, to The Hettrick Mfg. Co. Table. 179,301, 11-27-56, Cl. D33—14.
- Jones, Samuel R. Headrest. 177,238, 3-27-56, Cl. D15—2.
- Jones, Thomas H., to the United States of America as represented by the Secretary of the Army. Medal or similar article. 179,263, 11-20-56, Cl. D29—19.
- Jordan, Charles M.: See—
- Stier, Luther W., and Jordan. 177,773.
- Stier, Luther W., and Jordan. 178,434.
- Jordan, Charles M., to General Motors Corp. Crawler tractor or similar article. 177,098, 8-13-56, Cl. D14—3.
- Jordan, Charles M., and M. B. Sugano, to General Motors Corp. Locomotive body. 177,814, 5-29-56, Cl. D66—1.
- Jordan, Charles M., W. F. Lange, and L. W. Stier, to General Motors Corp. Vehicle body. 178,670, 9-4-56, Cl. D14—3.
- Jordan, Charles M., and M. B. Sugano, to General Motors Corp. Railway coach body. 179,006, 10-23-56, Cl. D66—1.
- Jorge, Lester J. Renewable blade knife. 178,453, 8-7-56, Cl. D22—3.
- Jorgensen, Robert A., to Washington Steel Products, Inc. Friction catch for doors and the like. 178,963, 10-16-56, Cl. D50—5.
- Joseloff, Stanley. Display stand. 178,129, 6-26-56, Cl. D80—9.
- Josephs, Lyman C., III: See—
- Clark, John R., Josephs, and Lau. 178,220.
- Jossem, Lyons I. Display rack for neckwear or the like. 178,671, 9-4-56, Cl. D80—10.
- Joyce, Fale, to Joyce, Inc. Shoe or similar article. 179,350, 12-4-56, Cl. D7—7.
- Joyce, Inc.: See—
- Joyce, Fale. 179,350.
- Julian and Kokenge Co., The: See—
- Stock, Otto F. 178,553.
- 369555—P—58
- Junior Toy Corp.: See—
- Perlowski, Roy A. 179,158.
- Stevens, Clifford B. 179,273.
- Wintermantel, Norman G. 178,478.
- Wintermantel, Norman G. 178,978.
- Wintermantel, Norman G. 178,979.
- Junko, Kenji, to Buxell Cutlery Co., Inc. Knife. 177,507, 4-24-56, Cl. D22—3.
- Junkunc Brothers: See—
- Junkunc, George P. 179,085.
- Junkunc, George P., to Junkunc Brothers. Combination padlock. 179,085, 10-30-56, Cl. D50—3.
- Kahmann, Cecil E., to Schenley Industries, Inc. Display piece for bottles. 177,815, 5-29-56, Cl. D80—9.
- Kahn, Alice S.: See—
- Kahn, Lester R. 177,817.
- Kahn, David, to David Kahn, Inc. Writing instrument. 178,924, 10-9-56, Cl. D74—17.
- Kahn, David, Inc.: See—
- Kahn, David. 178,924.
- Kahn, Julius M. 177,816.
- Kahn, Julius M., to David Kahn, Inc. Writing instrument. 177,816, 5-29-56, Cl. D74—17.
- Kahn, Lester R., to E. I. du Pont de Nemours and Co. Combined comb and brush or similar article. 177,682, 5-15-56, Cl. D86—8.
- Kahn, Lester R., deceased, by A. S. Kahn, executrix, to E. I. du Pont de Nemours and Co. Comb or similar article. 177,817, 5-29-56, Cl. D86—8.
- Kahn, Lester R., to E. I. du Pont de Nemours and Co. Toothbrush or similar article. 178,730, 9-11-56, Cl. D9—2.
- Kahn, Mack. Foundation garment. 177,982, 6-12-56, Cl. D20—2.
- Kaiser Aircraft & Electronics Corp.: See—
- Aiken, William R. 179,404.
- Kaiser, Paul A., to Herff Jones Co. Finger ring. 179,007, 10-23-56, Cl. D45—10.
- Kalart Co., Inc., The: See—
- Castedello, William, Kaprellan, and Florian. 176,751.
- Kalt, Breeding & Hadden, Inc.: See—
- Kalt, Henry W., to Kalt, Breeding & Hadden, Inc. Bicycle or similar article. 177,915, 6-5-56, Cl. D90—8.
- Kaplan, Arthur H.: See—
- Perry, Irving. 177,198.
- Kaplan, Joseph A., & Sons, Inc.: See—
- Biod, Francis E. 178,862.
- Kappus, Peter G., to General Electric Co. Vertical take off aircraft or similar article. 179,420, 12-18-56, Cl. D71—1.
- Kaprellan, Edward K.: See—
- Castedello, William, Kaprellan, and Florian. 176,751.
- Karoff, Robert B., to Novelty Utilities, Inc. Food and beverage server. 177,571, 5-1-56, Cl. D34—10.
- Karoff, Robert B. Combined food and beverage server. 178,377, 7-31-56, Cl. D33—14.
- Karol, Reuben H., to Tinius Olsen Testing Machine Co. Material hardness tester or similar article. 178,060, 6-19-56, Cl. D52—1.
- Karp, Edward C., to Sanitary Scale Co. Hood for a power meat cutter. 178,289, 7-17-56, Cl. D55—1.
- Kascel, Lavern D.: See—
- Essman, Eldon F., and Kascel. 178,228.
- Essman, Eldon F., and Kascel. 178,229.
- Essman, Eldon F., and Kascel. 178,230.
- Essman, Eldon F., and Kascel. 178,231.
- Kasper, Elmer J., to Royal Appliance Mfg. Co. Suction cleaner. 178,322, 7-24-56, Cl. D9—2.
- Kasselmann, George J.: See—
- Siekmann, Harold J., Kasselmann, and Okvitt. 177,350.
- Siekmann, Harold J., and Kasselmann. 178,431.
- Kates, Phillip. Combined handbag and umbrella holder. 176,852, 2-7-56, Cl. D87—3.
- Kather, Alfred C. Child's purse. 176,947, 2-21-56, Cl. D87—3.
- Katz, Adolph, to Coro, Inc. Finger ring or the like. 176,522, 1-3-56, Cl. D45—10.
- Katz, Adolph, to Coro, Inc. Finger ring or the like. 176,523, 1-3-56, Cl. D45—10.
- Katz, Adolph, to Coro, Inc. Finger ring or the like. 176,524, 1-3-56, Cl. D45—10.
- Katz, Adolph, to Coro, Inc. Charm bracelet or the like. 176,525, 1-3-56, Cl. D45—17.
- Katz, Adolph, to Coro, Inc. Link chain for a necklace or the like. 175,526, 1-3-56, Cl. D45—16.
- Katz, Adolph, to Coro, Inc. Link chain for a necklace or the like. 176,527, 1-3-56, Cl. D45—16.
- Katz, Adolph, to Coro, Inc. Link chain for a necklace or the like. 176,528, 1-3-56, Cl. D45—16.
- Katz, Adolph, to Coro, Inc. Link chain for a necklace or the like. 176,529, 1-3-56, Cl. D45—16.
- Katz, Adolph, to Coro, Inc. Link chain for a necklace or the like. 176,530, 1-3-56, Cl. D45—16.
- Katz, Adolph, to Coro, Inc. Link chain for a necklace or the like. 176,531, 1-3-56, Cl. D45—16.
- Katz, Adolph, to Coro, Inc. Link chain for a necklace or the like. 176,661, 1-17-56, Cl. D45—16.
- Katz, Adolph, to Coro, Inc. Link chain for a bracelet or the like. 176,662, 1-17-56, Cl. D45—16.
- Katz, Adolph, to Coro, Inc. Link chain for a necklace or the like. 176,663, 1-17-56, Cl. D45—16.
- Katz, Adolph, to Coro, Inc. Link chain for a necklace or the like. 176,664, 1-17-56, Cl. D45—16.





Katz, Adolph, to Coro, Inc.	Brooch or the like.	177,118,	Katz, Adolph, to Coro, Inc.	Link chain for a necklace or the like.	177,330, 4-3-56, Cl. D45-16.
Katz, Adolph, to Coro, Inc.	Earring or the like.	177,119,	Katz, Adolph, to Coro, Inc.	Earring or the like.	177,331, 4-3-56, Cl. D45-9.
Katz, Adolph, to Coro, Inc.	Brooch or the like.	177,120,	Katz, Adolph, to Coro, Inc.	Link chain for a necklace or the like.	177,332, 4-3-56, Cl. D45-16.
Katz, Adolph, to Coro, Inc.	Brooch or the like.	177,121,	Katz, Adolph, to Coro, Inc.	Link chain for a necklace or the like.	177,333, 4-3-56, Cl. D45-16.
Katz, Adolph, to Coro, Inc.	Link chain for a necklace or the like.	177,122, 3-13-56, Cl. D45-16.	Katz, Adolph, to Coro, Inc.	Jewelry finding or similar article.	177,334, 4-3-56, Cl. D45-1.
Katz, Adolph, to Coro, Inc.	Brooch or the like.	177,123,	Katz, Adolph, to Coro, Inc.	Jewelry finding or similar article.	177,335, 4-3-56, Cl. D45-1.
Katz, Adolph, to Coro, Inc.	Link chain for a necklace or the like.	177,124, 3-13-56, Cl. D45-16.	Katz, Adolph, to Coro, Inc.	Brooch or the like.	177,379, 4-10-56, Cl. D45-16.
Katz, Adolph, to Coro, Inc.	Brooch or the like.	177,125,	Katz, Adolph, to Coro, Inc.	Separable brooch or the like.	177,380, 4-10-56, Cl. D45-19.
Katz, Adolph, to Coro, Inc.	Link chain for a necklace or the like.	177,126, 3-13-56, Cl. D45-16.	Katz, Adolph, to Coro, Inc.	Separable brooch or the like.	177,381, 4-10-56, Cl. D45-19.
Katz, Adolph, to Coro, Inc.	Earring or the like.	177,127,	Katz, Adolph, to Coro, Inc.	Link chain for a necklace or the like.	177,382, 4-10-56, Cl. D45-16.
Katz, Adolph, to Coro, Inc.	Bracelet or the like.	177,128,	Katz, Adolph, to Coro, Inc.	Earring or the like.	177,383, 4-10-56, Cl. D45-9.
Katz, Adolph, to Coro, Inc.	Necklace or the like.	177,129,	Katz, Adolph, to Coro, Inc.	Finger ring or the like.	177,384, 4-10-56, Cl. D45-10.
Katz, Adolph, to Coro, Inc.	Brooch or the like.	177,130,	Katz, Adolph, to Coro, Inc.	Link chain for a bracelet or the like.	177,385, 4-10-56, Cl. D45-16.
Katz, Adolph, to Coro, Inc.	Earring or the like.	177,131,	Katz, Adolph, to Coro, Inc.	Earring or the like.	177,386, 4-10-56, Cl. D45-9.
Katz, Adolph, to Coro, Inc.	Earring or the like.	177,132,	Katz, Adolph, to Coro, Inc.	Earring or the like.	177,387, 4-10-56, Cl. D45-9.
Katz, Adolph, to Coro, Inc.	Brooch or the like.	177,133,	Katz, Adolph, to Coro, Inc.	Link chain for a necklace or the like.	177,388, 4-10-56, Cl. D45-16.
Katz, Adolph, to Coro, Inc.	Brooch or the like.	177,134,	Katz, Adolph, to Coro, Inc.	Link chain for a necklace or the like.	177,389, 4-10-56, Cl. D45-16.
Katz, Adolph, to Coro, Inc.	Earring or the like.	177,135,	Katz, Adolph, to Coro, Inc.	Link chain for a bracelet or the like.	177,390, 4-10-56, Cl. D45-16.
Katz, Adolph, to Coro, Inc.	Link chain for a necklace or the like.	177,136, 3-13-56, Cl. D45-4.	Katz, Adolph, to Coro, Inc.	Necklace or the like.	177,391, 4-10-56, Cl. D45-16.
Katz, Adolph, to Coro, Inc.	Link chain for a necklace or the like.	177,137, 3-13-56, Cl. D45-16.	Katz, Adolph, to Coro, Inc.	Brooch or the like.	177,392, 4-10-56, Cl. D45-19.
Katz, Adolph, to Coro, Inc.	Earring or the like.	177,138,	Katz, Adolph, to Coro, Inc.	Earring or the like.	177,393, 4-10-56, Cl. D45-19.
Katz, Adolph, to Coro, Inc.	Brooch or the like.	177,139,	Katz, Adolph, to Coro, Inc.	Brooch or the like.	177,394, 4-10-56, Cl. D45-19.
Katz, Adolph, to Coro, Inc.	Earring or the like.	177,140,	Katz, Adolph, to Coro, Inc.	Brooch or the like.	177,395, 4-10-56, Cl. D45-19.
Katz, Adolph, to Coro, Inc.	Link chain for a necklace or the like.	177,141, 3-13-56, Cl. D45-16.	Katz, Adolph, to Coro, Inc.	Brooch or the like.	177,396, 4-10-56, Cl. D45-19.
Katz, Adolph, to Coro, Inc.	Necklace or the like.	177,142,	Katz, Adolph, to Coro, Inc.	Brooch or the like.	177,397, 4-10-56, Cl. D45-19.
Katz, Adolph, to Coro, Inc.	Brooch or the like.	177,143,	Katz, Adolph, to Coro, Inc.	Brooch or the like.	177,398, 4-10-56, Cl. D45-19.
Katz, Adolph, to Coro, Inc.	Necklace or the like.	177,144,	Katz, Adolph, to Coro, Inc.	Brooch or the like.	177,399, 4-10-56, Cl. D45-19.
Katz, Adolph, to Coro, Inc.	Brooch or the like.	177,145,	Katz, Adolph, to Coro, Inc.	Earring or the like.	177,400, 4-10-56, Cl. D45-9.
Katz, Adolph, to Coro, Inc.	Brooch or the like.	177,146,	Katz, Adolph, to Coro, Inc.	Link chain for a bracelet or the like.	177,401, 4-10-56, Cl. D45-7.
Katz, Adolph, to Coro, Inc.	Link chain for a necklace or the like.	177,147, 3-27-56, Cl. D45-4.	Katz, Adolph, to Coro, Inc.	Link chain for a necklace or the like.	177,402, 4-10-56, Cl. D45-7.
Katz, Adolph, to Coro, Inc.	Link chain for a necklace or the like.	177,148, 3-27-56, Cl. D45-4.	Katz, Adolph, to Coro, Inc.	Earring or the like.	177,403, 4-10-56, Cl. D45-9.
Katz, Adolph, to Coro, Inc.	Earring or the like.	177,241,	Katz, Adolph, to Coro, Inc.	Stone for costume jewelry or similar article.	177,404, 4-10-56, Cl. D45-1.
Katz, Adolph, to Coro, Inc.	Link chain for a bracelet or the like.	177,242, 3-27-56, Cl. D45-4.	Katz, Adolph, to Coro, Inc.	Stone for costume jewelry or similar article.	177,405, 4-10-56, Cl. D45-1.
Katz, Adolph, to Coro, Inc.	Link chain for a bracelet or the like.	177,243, 3-27-56, Cl. D45-4.	Katz, Adolph, to Coro, Inc.	Stone for costume jewelry or similar article.	177,406, 4-10-56, Cl. D45-1.
Katz, Adolph, to Coro, Inc.	Link chain for a necklace or the like.	177,244, 3-27-56, Cl. D45-4.	Katz, Adolph, to Coro, Inc.	Stone for costume jewelry or similar article.	177,407, 4-10-56, Cl. D45-1.
Katz, Adolph, to Coro, Inc.	Brooch or the like.	177,245,	Katz, Adolph, to Coro, Inc.	Necklace or the like.	177,408, 4-10-56, Cl. D45-16.
Katz, Adolph, to Coro, Inc.	Earring or the like.	177,246,	Katz, Adolph, to Coro, Inc.	Link chain for a necklace or the like.	177,409, 4-10-56, Cl. D45-16.
Katz, Adolph, to Coro, Inc.	Necklace or the like.	177,247,	Katz, Adolph, to Coro, Inc.	Brooch or the like.	177,410, 4-10-56, Cl. D45-19.
Katz, Adolph, to Coro, Inc.	Bracelet or the like.	177,248,	Katz, Adolph, to Coro, Inc.	Brooch or the like.	177,411, 4-10-56, Cl. D45-19.
Katz, Adolph, to Coro, Inc.	Link chain for a necklace or the like.	177,249, 3-27-56, Cl. D45-16.	Katz, Adolph, to Coro, Inc.	Pin clip or the like.	177,412, 4-10-56, Cl. 45-19.
Katz, Adolph, to Coro, Inc.	Earring or the like.	177,250,	Katz, Adolph, to Coro, Inc.	Brooch or the like.	177,413, 4-10-56, Cl. D45-19.
Katz, Adolph, to Coro, Inc.	Earring or the like.	177,251,	Katz, Adolph, to Coro, Inc.	Link chain for a necklace or the like.	177,414, 4-10-56, Cl. D45-16.
Katz, Adolph, to Coro, Inc.	Bracelet or the like.	177,252,	Katz, Adolph, to Coro, Inc.	Brooch or the like.	177,415, 4-10-56, Cl. D45-19.
Katz, Adolph, to Coro, Inc.	Brooch or the like.	177,253,	Katz, Adolph, to Coro, Inc.	Charm bracelet or the like.	177,416, 4-10-56, Cl. D45-17.
Katz, Adolph, to Coro, Inc.	Brooch or the like.	177,254,	Katz, Adolph, to Coro, Inc.	Brooch or the like.	177,508, 4-24-56, Cl. D45-19.
Katz, Adolph, to Coro, Inc.	Link chain for a necklace or the like.	177,255, 3-27-56, Cl. D45-16.	Katz, Adolph, to Coro, Inc.	Earring or the like.	177,509, 4-24-56, Cl. D45-9.
Katz, Adolph, to Coro, Inc.	Necklace or the like.	177,256,	Katz, Adolph, to Coro, Inc.	Earring or the like.	177,510, 4-24-56, Cl. D45-9.
Katz, Adolph, to Coro, Inc.	Brooch or the like.	177,257,	Katz, Adolph, to Coro, Inc.	Link chain for a necklace or the like.	177,511, 4-24-56, Cl. D45-16.
Katz, Adolph, to Coro, Inc.	Earring or the like.	177,258,	Katz, Adolph, to Coro, Inc.	Link chain for a necklace or the like.	177,512, 4-24-56, Cl. D45-16.
Katz, Adolph, to Coro, Inc.	Brooch or the like.	177,259,	Katz, Adolph, to Coro, Inc.	Earring or the like.	177,513, 4-24-56, Cl. D45-9.
Katz, Adolph, to Coro, Inc.	Separable brooch or the like.	177,260, 3-27-56, Cl. D45-19.	Katz, Adolph, to Coro, Inc.	Link chain for a necklace or the like.	177,514, 4-24-56, Cl. D45-16.
Katz, Adolph, to Coro, Inc.	Earring or the like.	177,261,	Katz, Adolph, to Coro, Inc.	Brooch or the like.	177,515, 4-24-56, Cl. D45-19.





- Katz, Adolph, to Coro, Inc. Link chain for a bracelet or the like. 178,573, 8-21-56, Cl. D45-4.
- Katz, Adolph, to Coro, Inc. Earring or the like. 178,672, 9-4-56, Cl. D45-9.
- Katz, Adolph, to Coro, Inc. Earring or the like. 178,673, 9-4-56, Cl. D45-9.
- Katz, Adolph, to Coro, Inc. Bracelet or the like. 178,674, 9-4-56, Cl. D45-4.
- Katz, Adolph, to Coro, Inc. Brooch or the like. 178,675, 9-4-56, Cl. D45-19.
- Katz, Adolph, to Coro, Inc. Link chain for a bracelet or similar article. 178,676, 9-4-56, Cl. D45-4.
- Katz, Adolph, to Coro, Inc. Earring or similar article. 178,677, 9-4-56, Cl. D45-9.
- Katz, Adolph, to Coro, Inc. Earring or the like. 178,678, 9-4-56, Cl. D45-9.
- Katz, Adolph, to Coro, Inc. Earring or the like. 178,784, 9-18-56, Cl. D45-9.
- Katz, Adolph, to Coro, Inc. Brooch or the like. 178,785, 9-18-56, Cl. D45-19.
- Katz, Adolph, to Coro, Inc. Link chain for a necklace or the like. 178,786, 9-18-56, Cl. D45-16.
- Katz, Adolph, to Coro, Inc. Bracelet or the like. 178,787, 9-18-56, Cl. D45-4.
- Katz, Adolph, to Coro, Inc. Link chain for a bracelet or the like. 178,788, 9-18-56, Cl. D45-4.
- Katz, Adolph, to Coro, Inc. Link chain for a bracelet or the like. 178,789, 9-18-56, Cl. D45-4.
- Katz, Adolph, to Coro, Inc. Jewelry finding or similar article. 178,790, 9-18-56, Cl. D45-1.
- Katz, Adolph, to Coro, Inc. Jewelry finding or similar article. 178,791, 9-18-56, Cl. D45-1.
- Katz, Adolph, to Coro, Inc. Link chain for a bracelet or similar article. 178,792, 9-18-56, Cl. D45-16.
- Katz, Adolph, to Coro, Inc. Link chain for a necklace or similar article. 178,793, 9-18-56, Cl. D45-16.
- Katz, Adolph, to Coro, Inc. Earring or similar article. 178,794, 9-18-56, Cl. D45-9.
- Katz, Adolph, to Coro, Inc. Link chain for a bracelet or similar article. 178,795, 9-18-56, Cl. D45-16.
- Katz, Adolph, to Coro, Inc. Necklace or similar article. 178,796, 9-18-56, Cl. D45-16.
- Katz, Adolph, to Coro, Inc. Earring. 178,797, 9-18-56, Cl. D45-9.
- Katz, Adolph, to Coro, Inc. Link chain for a necklace or the like. 179,008, 10-23-56, Cl. D45-16.
- Katz, Adolph, to Coro, Inc. Link chain for a necklace or the like. 179,009, 10-23-56, Cl. D45-16.
- Katz, Adolph, to Coro, Inc. Link chain for a necklace or the like. 179,254, 11-20-56, Cl. D45-16.
- Katz, Adolph, to Coro, Inc. Brooch or the like. 179,351, 12-4-56, Cl. D45-19.
- Katz, Adolph, to Coro, Inc. Link chain for a necklace or the like. 179,352, 12-4-56, Cl. D45-16.
- Katz, Adolph, to Coro, Inc. Link chain for a necklace or the like. 179,353, 12-4-56, Cl. D45-16.
- Katz, Adolph, to Coro, Inc. Link chain for a bracelet or the like. 179,354, 12-4-56, Cl. D45-4.
- Katz, Adolph, to Coro, Inc. Link chain for a necklace or the like. 179,355, 12-4-56, Cl. D45-16.
- Kattenberger, Edward R. to United Aircraft Corp. Helicopter. 179,139, 11-6-56, Cl. D71-1.
- Katzman, Lawrence: See—
- Katzman, Max and L. and Block. 179,388.
- Katzman, Max and L. and M. Block, to Kaz Mfg. Co., Inc. Paper stand. 179,388, 12-11-56, D83-1.
- Kaufman, Adolph: See—
- Kaufman, Samuel and A. 176,618.
- Kaufman, Samuel and A. Combined lamp and planter. 176,618, 10-1-56, Cl. D48-20.
- Kaye, Bess. Cover for a household rotisserie. 178,885, 10-2-56, Cl. D58-2.
- Kaye, Bess. Cover for electric toaster. 178,886, 10-2-56, Cl. D58-2.
- Kaye, Bess. Cover for electric mixer. 178,887, 10-2-56, Cl. D58-2.
- Kaz Mfg. Co., Inc.: See—
- Katzman, Max and L. and Block. 179,388.
- Keal, John J., to Capitol Chair Co., Inc. Occasional chair or the like. 177,522, 4-24-56, Cl. D15-1.
- Keal, John J., to Capitol Chair Co., Inc. Occasional chair or the like. 177,523, 4-24-56, Cl. D15-1.
- Keal, John J., to Capitol Chair Co., Inc. Occasional chair. 177,524, 4-24-56, Cl. D15-1.
- Keal, John J., to Capitol Chair Co. Occasional barrel chair. 178,888, 10-2-56, Cl. D15-1.
- Kearney, Larry J., and R. B. Simon, to Aluma Kraft Mfg. Co., Inc. 178,930, 10-6-56, Cl. D21-6.
- Keck, Merle E., and E. L. Izzi, to Westinghouse Electric Corp. Combined luminaire and bracket therefor. 177,916, 6-5-56, Cl. D48-31.
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- Little, Richard N. Table. 178,727, 7-17-56, Cl. D33—14.
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- Johnson, Clarence L. 179,348.
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- Lombardi, Oliver M. Housing for a swimming pool cleaner. 177,633, 5-8-56, Cl. D9—2.
- Lorden, Arthur J., to the United States of America as represented by the Secretary of the Navy. Trophy. 179,422, Cl. D58—23.
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- Lorensen, Arnold I., to Owens-Illinois Glass Co. Jar. 176,542, 1-3-56, Cl. D58—25.
- Lorensen, Arnold I., to Owens-Illinois Glass Co. Decanter. 178,131, 6-26-56, Cl. D58—8.
- Lorensen, Arnold I., to S. C. Clayton Co., Inc. Combined bottle and cap. 178,529, 8-14-56, Cl. D58—8.
- Louik, Leonard, to Plastic Sales. Cup. 177,575, 5-1-56, Cl. D44—9.
- Louisville Cap Corp.: *See*—  
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- Love, Loweda H. Combined fireplace screen and planter or similar article. 178,132, 6-26-56, Cl. D81—5.
- Lowe, Robert A., and F. F. White. Shop hammer. 179,018, 10-23-56, Cl. D93—4.
- Lowell, Benjamin W. Speaker grill. 178,798, 9-18-56, Cl. D26—14.
- Lowi, Leo A. Ash tray. 176,804, 1-31-56, Cl. D85—2.
- Lowrie, Joni L. Corsage clip or the like. 177,056, 3-6-56, Cl. D17—3.
- Lowrie, Joni L. Corsage clip or the like. 177,147, 3-13-56, Cl. D17—3.
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- Barnhart, A. Baker. 179,370.
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- Luft, Karl. Combined jewel box, clock, and radio. 177,917, 6-5-56, Cl. D86—9.
- Lung, Kenneth R., to The Tait Mfg. Co. Piston pump. 178,194, 7-3-56, Cl. D65—1.
- Lung, Kenneth R., to The Tait Mfg. Co. Centrifugal pump. 178,799, 9-18-56, Cl. D65—1.
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- Lurie, Robert. Mirror clip. 178,133, 6-26-56, Cl. D29—20.
- Lynn, Edwin W., to Cellulastic Corp. Vial or similar article. 179,206, 11-13-56, Cl. D58—26.
- Lyon, George A. Wheel cover member or similar article. 176,543, 1-3-56, Cl. D14—30.
- Lyon, George A. Wheel cover member or similar article. 176,544, 1-3-56, Cl. D14—30.
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- M and M Corp.: *See*—  
Flicht, Leo. 179,342.
- Macauley, Edward R., and R. A. Teague, to Studebaker-Packard Corp. Automobile. 176,962, 2-21-56, Cl. D14—27.

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- McPherson, Byron D. Drafting device. 179,141, 11-6-56, Cl. D52—1.
- Madawick, Tucker P., and E. F. Rutan, to Hanovia Chemical & Mfg. Co. Ultraviolet lamp. 178,893, 10-2-56, Cl. D8—20.
- Maddalena, Anthony J. Combination meat vending and display machine. 179,390, 12-11-56, D52—3.
- Magill, Joseph J., to Art Wire and Stamping Co. Trolling planer. 178,530, 8-14-56, Cl. D31—4.
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- Maher, William A. Self-propelled three-wheeled scooter. 176,134, 6-26-56, Cl. D34—15.
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- Maki, Jacob K., to Simplex Time Recorder Co. Tag printing machine. 176,621, 1-10-56, Cl. D64—11.
- Mall, Arthur W., and M. O. Kos, to Mall Tool Co. Gasoline engine unit for chain saws. 176,963, 2-21-56, Cl. D93—3.
- Mall Tool Co.: See—  
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- Mallet, Gaston. Dress. 177,422, 4-10-56, Cl. D3—26.
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- Mally, Della M. Hair curler. 178,135, 6-26-56, Cl. D86—10.
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- Mangan, James T. Pair of eye-glasses or similar article. 179,019, 10-23-56, Cl. D57—1.
- Mangan, Anna L. Doll. 179,309, 11-27-56, Cl. D34—4.
- Mangin, Anna L. Doll. 179,309, 11-27-56, Cl. D34—4.
- Mangin, Anna L. Doll. 179,310, 11-27-56, Cl. D34—4.
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Waas, Samuel M. 177,161.  
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- Mann, Stuart N. Child's velocipede. 178,576, 8-21-56, Cl. D34—15.
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- Marano, Herbert W., to Wilson Jones Co. Hydraulically operable staple driver or similar article. 178,299, 7-17-56, Cl. D74—1.
- Marathon Corp.: See—  
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- Marcus Window Display Service, Inc.: See—  
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- Marcy, Grosvenor D. Folding steps. 179,311, 11-27-56, Cl. D15—8.
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- Margules, Joseph J., to American Optical Co. Spectacle frame or the like. 178,197, 7-3-56, Cl. D57—1.
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- Margules, Joseph J., to American Optical Co. Spectacle frame or the like. 178,303, 7-17-56, Cl. D57—1.
- Margules, Joseph J., to American Optical Co. Spectacle frame or the like. 178,304, 7-17-56, Cl. D57—1.
- Margules, Joseph J., to American Optical Co. Spectacle frame or the like. 178,305, 7-17-56, Cl. D57—1.
- Margules, Joseph J., to American Optical Co. Spectacle frame or the like. 178,306, 7-17-56, Cl. D57—1.
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- Marjol, James P.: See—  
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- Marsella, Julio J. Jewelry finding. 177,528, 4-24-56, Cl. D45—19.
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- Marshall, Harold J. Condiment dispenser. 176,923, 2-14-56, Cl. D44—22.
- Mart, Harry A. Combined closure cap and dispensing spout. 177,256, 11-20-56, Cl. D59—26.
- Martin, Robert E. Playground apparatus. 177,871, 5-29-56, Cl. D34—5.
- Martens, Robert E. Combined playground roundabout, teeter board and climbing ladder or similar article. 178,253, 11-20-56, Cl. D34—5.
- Martin, Anthony F., to Charles J. Martin & Sons. Amplified check gage. 178,001, 6-12-56, Cl. D52—1.
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- Martin, Marjory K. Bowling ball return. 178,136, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,137, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,138, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,139, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,140, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,141, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,142, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,143, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,144, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,145, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,146, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,147, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,148, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,149, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,150, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,151, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,152, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,153, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,154, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,155, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,156, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,157, 6-26-56, Cl. D34—5.
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- Martin, Marjory K. Bowling ball return. 178,162, 6-26-56, Cl. D34—5.
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- Martin, Marjory K. Bowling ball return. 178,268, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,269, 6-26-56, Cl. D34—5.
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- Martin, Marjory K. Bowling ball return. 178,271, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,272, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,273, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,274, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,275, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,276, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,277, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,278, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,279, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,280, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,281, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,282, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,283, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,284, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,285, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,286, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,287, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,288, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,289, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,290, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,291, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,292, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,293, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,294, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,295, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,296, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,297, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,298, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,299, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,300, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,301, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,302, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,303, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,304, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,305, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,306, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,307, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,308, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,309, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,310, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,311, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,312, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,313, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,314, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,315, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,316, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,317, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,318, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,319, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,320, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,321, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,322, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,323, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,324, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,325, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,326, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,327, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,328, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,329, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,330, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,331, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,332, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,333, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,334, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,335, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,336, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,337, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,338, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,339, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,340, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,341, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,342, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,343, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,344, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,345, 6-26-56, Cl. D34—5.
- Martin, Marjory K. Bowling ball return. 178,346, 6-26-56, Cl. D34—5.
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- Morse, Phillip S. Stitch regulator plate. 176,548, 1-3-56, Cl. D70—2.
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- Morse, Phillip S. Sewing machine. 178,146, 6-26-56, Cl. D70—1.
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- Musser, Clair O., to Knickerbocker Plastic Co., Inc. Toy target. 179,148, 11-6-56, Cl. D34-5.
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- Naimon, Sara R. Chanukah table ornament or similar article. 179,258, 11-20-56, Cl. D29-23.
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- Passet, Robert, to Societe Industrielle de Lunetterie. Spectacle front. 179,155, 11-6-56, Cl. D57—1.



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- Paxton, Lee, Jr., and P. McCaslin. Building. 178,692, 9-4-56, Cl. D13-1.
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- Riseman, William, to Richard's Drive-In Restaurants Inc. Building. 177,928, 6-5-56, Cl. D13-1.
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- Rodriguez, Emil, to Jacoby-Bender, Inc. Expandible link chain for a bracelet or the like. 177,929, 6-5-56, Cl. D45-4.
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- Rodriguez, Emil, to Jacoby-Bender, Inc. Expandible link chain for a bracelet or the like. 177,933, 6-5-56, Cl. D45-4.
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- Samuel, Bernard U., to Arrow Brands, Inc. Ribbon or similar article. 176,558, 1-3-56, Cl. D92-1.
- Samuelian, Richard W. Clutch purse. 176,995, 2-28-56, Cl. D87-3.
- Sanborn, Philip D., to National Laboratories, Inc. Liquid dispensing unit. 179,159, 11-6-56, Cl. D62-2.
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- Schachman, Bernard K., S. M. Cohen, and E. Diamond. In-hatatable hat. 177,484, 4-17-56, Cl. D3-13.
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- Schatten, Frank, and T. Alderdice. Electric broiler for hamburgers and like articles. 178,211, 7-3-56, Cl. D8-10.
- Scheid, Erich M. Airplane. 177,971, 3-6-56, Cl. D71-1.
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- Schemansky, Joseph K., to General Motors Corp. Automobile tail lamp. 177,766, 5-22-56, Cl. D48-32.
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- Schindler, Bruno H., to The Peabody Co., Inc. Door escutcheon plate. 176,560, 1-3-56, Cl. D50-6.
- Schindler, Bruno H., to The Peabody Co., Inc. Door escutcheon plate. 176,561, 1-3-56, Cl. D50-6.
- Schindler, Bruno H., to The Peabody Co., Inc. Door escutcheon plate. 176,562, 1-3-56, Cl. D50-6.
- Schindler, Bruno H., to The Peabody Co., Inc. Door escutcheon plate. 176,563, 1-3-56, Cl. D50-6.
- Schinske, William G., to Ideal Industries, Inc. Pair of pliers. 177,537, 4-24-56, Cl. D54-13.
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- Schlumbohm, Peter. Iced food server. 176,634, 1-10-56, Cl. D44-15.
- Schlumbohm, Peter. Teamaker or similar article. 177,862, 5-29-56, Cl. D44-26.
- Schlumbohm, Peter. Teapot. 177,944, 6-5-56, Cl. D44-26.
- Schmid, Ford W., to The Astatic Corp. Tone arm. 179,038, 10-23-56, Cl. D26-14.
- Schmitt, George, to Chrysler Corp. Wheel cover for an automobile. 178,019, 6-12-56, Cl. D14-30.
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- Schory, Kenneth P., to Zenith Radio Corp. Combined escutcheon and faceplate for a television receiver cabinet. 179,269, 11-20-56, Cl. D56-4.
- Schray, Walter H., to United Steel and Wire Co. Display rack. 177,644, 5-8-56, Cl. D80-10.
- Schreckengost, Viktor, to The Salem China Co. Cup. 177,433, 4-10-56, Cl. D44-9.
- Schreckengost, Viktor, to The Salem China Co. Serving bowl. 177,434, 4-10-56, Cl. D44-15.
- Schreckengost, Viktor, to The Salem China Co. Sugar bowl with lid. 177,435, 4-10-56, Cl. D44-15.
- Schreckengost, Viktor, to The Salem China Co. Creamer. 177,436, 4-10-56, Cl. D44-21.
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- Schreckengost, Viktor, to Holophane Co., Inc. Surface attached direct lighting fixture. 178,212, 7-3-56, Cl. D48-23.
- Schultz, Harold R., to Beckman Instruments, Inc. Housing for scientific instruments. 177,699, 5-15-56, Cl. D26-5.
- Schulz, Herbert H., to S-B Mfg. Co. Christmas tree stand. 178,974, 10-16-56, Cl. D35-3.
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- Wagner, Franz, to Ekco Products Co. Baking pan or similar article. 178,742, 9-11-56, Cl. D44-1.
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- Wolf Brothers, Inc.: *See—*  
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- Wolf, Walter L. 177,784.
- Wolf, Walter L., to Wolf Brothers, Inc. Wrapping paper or similar article. 177,358, 4-3-56, Cl. D59-5.
- Wolf, Walter L., to Wolf Brothers, Inc. Wrapping paper or similar article. 177,784, 5-22-56, Cl. D59-5.
- Wolf, William, to Quaker Lace Co. Tablecloth. 177,451, 4-10-56, Cl. D92-26.
- Wolf, William, to Quaker Lace Co. Tablecloth. 177,785, 5-22-56, Cl. D92-26.
- Wolf, William, to Quaker Lace Co. Tablecloth. 177,786, 5-22-56, Cl. D92-26.
- Wolf, William, to Quaker Lace Co. Tablecloth. 178,816, 9-18-56, Cl. D92-26.
- Wolf, William, to Quaker Lace Co. Tablecloth. 178,817, 9-18-56, Cl. D92-26.
- Wolf, William, to Mayfair Mills, Inc. Tablecloth. 178,818, 9-18-56, Cl. D92-26.
- Wolfe, Robert L.: *See—*  
Horvath, Anthony G., Kuner, and Wolfe. 178,517.
- Wolfe, Robert L., to Brown and Bigelow. Cigarette dispenser or similar article. 178,967, 2-21-56, Cl. D85-2.
- Wolfer, Otto J. Automobile tire. 177,655, 5-8-56, Cl. D90-20.
- Wolff, Raymond W.: *See—*  
Guild, Lurelle, and Wolff. 178,187.
- Guild, Lurelle, and Wolff. 178,188.
- Wolff, Raymond W., to Revlon, Inc. Lipstick container. 177,787, 5-22-56, Cl. D86-10.
- Wolk, Michael S. Slide viewer. 179,047, 10-23-56, Cl. D90-20.
- Wolverine Supply and Mfg. Co.: *See—*  
Lackovic, Nicholas V. 178,523.
- Wolyn, David, to Nylow Sit-Rite Corp. Portable seat. 178,104, 9-19-56, Cl. D15-8.
- Wolyniec, Tadeusz R.: *See—*  
Williams, Nicholas, and Wolyniec. 178,713.
- Wood, Edward L., to Gar Wood Industries, Inc. Wheel trim. 177,452, 4-10-56, Cl. D14-30.
- Wood, Gar, Industries, Inc.: *See—*  
Wood, Edward L. 177,452.
- Wood, John, Co.: *See—*  
Weber, Wesley A., and Lorenzana. 177,702.
- Woodbury, Glenn B.: *See—*  
Hopkins, Percie W., and Woodbury. 179,418.
- Woodruff, Almon C.: *See—*  
Gilson, Channing W., and Mason. 178,358.
- Woodson, Jack, to Lurie Plastics, Inc. Dish. 178,588, 8-21-56, Cl. D44-15.
- Woodward, Alvin A. Combination window and archway trim. 178,714, 9-4-56, Cl. D13-1.
- Woofter, Cecil B., to U. O. Colson Co. Telephone dialer or the like. 179,365, 12-4-56, Cl. D26-14.
- Woolley, Eben B.: *See—*  
Hinde, Frederic O. 179,451.
- Wooster Rubber Co., The: *See—*  
Breneman, Joseph C. 178,492.
- Worden, Lucille L. Combined stopper and watering spout. 178,715, 9-4-56, Cl. D56-10.
- Workman, Bernard, Inc.: *See—*  
Well, Alfred. 179,045.
- Wright, Clyde E., to The Ridge Tool Co. Lubricating unit. 176,746, 1-24-56, Cl. D46-1.
- Wright, Russell, to Shwayder Brothers. Chair. 177,295, 3-27-56, Cl. D15-1.
- Wright, Russell, to Shwayder Brothers. Tablet arm chair. 177,296, 3-27-56, Cl. D15-1.
- Wright, Russell, to Shwayder Brothers. Desk. 177,297, 3-27-56, Cl. D15-1.
- Wright, Russell, to Shwayder Brothers. Table. 177,298, 3-27-56, Cl. D15-1.
- Wright, Russell, to Shwayder Brothers. Desk. 177,299, 3-27-56, Cl. D15-1.
- Wright, Russell, to Shwayder Bros. Folding chair. 179,335, 11-27-56, Cl. D15-1.
- Wunderly, Ray J., to National Cordial Co. Bottle. 178,561, 8-14-56, Cl. D58-7.
- Wurlitzer, Rudolph, Co., The: *See—*  
Andersen, Clifford W. 177,705.
- Andersen, Clifford W. 177,706.
- Andersen, Clifford W. 177,707.
- Wycinski, Joseph A., and T. T. Matsuura. Ophthalmic lens chipped cabinet. 179,434, 12-18-56, Cl. D57-1.
- Wyman, Floyd H.: *See—*  
Taylor, Furman F., and Wyman. 177,600.
- Yates, Robert L., to Lockheed Aircraft Service, Inc. Brake bending vice. 176,649, 1-10-56, Cl. D41-1.
- Yellin, Alexander. Egg-cup. 177,453, 4-10-56, Cl. D44-9.
- Yellin, Alexander. Egg-cup. 179,174, 11-6-56, Cl. D44-9.



- Yelin, Alexander. Egg-cup. 179,175, 11-6-56, Cl. D44-9.  
Yorna, Malcolm: *See*—  
Williams, William F. 178,855.
- Young, Donald H., R. G. Plantholt, and F. W. Hertzler, to Waterman Pen Co., Inc. Cap for a writing instrument. 177,359, 4-3-56, Cl. D74-1.
- Young, Donald H., R. G. Plantholt, and F. W. Hertzler, to Waterman Pen Co., Inc. Fountain pen. 178,033, 6-12-56, Cl. D74-17.
- Young, Fred W. Combined sign holder and baby seat for hinged gates for nesting carriers. 178,445, 7-31-56, Cl. D14-3.
- Young, John R. Combined radio and intercommunication unit. 177,953, 6-5-56, Cl. D28-14.
- Young, L. A. Spring & Wire Corp.: *See*—  
Dorkins, Evans E. 178,343.
- Young, Stanley G., to Frank Bros., Inc. Chair. 177,454, 4-10-56, Cl. D15-1.
- Young, Stanley G., to Frank Bros., Inc. Sofa. 177,455, 4-10-56, Cl. D15-11.
- Young, William E.: *See*—  
Mahaffy, Reid A., Young, and Harder. 177,057.
- Yunker, Arthur. Child's playsuit. 176,650, 1-10-56, Cl. D3-17.
- Zagara, Frank A., to Eastman Kodak Co. Photographic flash-light apparatus. 179,176, 11-6-56, Cl. D61-1.
- Zahn, Hermann, to Ibelo Metallwaren Gesellschaft mit beschränkter Haftung Hermann Zahn. Pocket lighter. 176,651, 1-10-56, Cl. D48-27.
- Zaidan, Joseph P. Suction brush for cleaning Venetian blinds. 178,478, 8-7-56, Cl. D9-2.
- Zaner-Bloser Co., The: *See*—  
Bloser, Parker Z. 178,632.
- Zanuso, Marco, and A. Scazzella. Paving tile. 179,231, 11-13-56, Cl. D18-2.
- Zelter, Milton M., to Robeson Cutlery Co., Inc. Knife or similar article. 177,488, 4-17-56, Cl. D22-3.
- Zenith Radio Corp.: *See*—  
Budlong, Robert D. 177,492.
- De Young, Jack. 178,115.
- Schorr, Kenneth P. 179,269.
- Ziebell, Fern. Brief case. 177,656, 5-8-56, Cl. D87-5.
- Ziegler, Alvin M., and J. Jeremias. Penholder. 179,232, 11-13-56, Cl. D74-1.
- Zimmerman, Jay V. Toy telephone. 176,747, 1-24-56, Cl. D34-15.
- Zimmerman, Jay V. Toy vehicle. 178,480, 8-7-56, Cl. D34-15.
- Zisla, Harold, to Mishawaka Rubber and Woolen Mfg. Co. Shoe. 179,177, 11-6-56, Cl. D7-7.
- Zonolite Co.: *See*—  
Sterrett, Robert W. 179,272.
- Zulinke, Adolph, to Carrier Corp. Centrifugal compressor. 178,105, 6-19-56, Cl. D65-1.
- Zwick, Kurt, to H. and F. W. Deckel. Machine tool. 178,446, 7-31-56, Cl. D54-14.
- Zwick, Kurt, to H. and F. W. Deckel. Boring head for a machine tool. 178,447, 7-31-56, Cl. D63-1.
- Zwick, Kurt. Coordinate table unit for a machine tool. 178,910, 10-2-56, Cl. D34-14.





## LIST OF PLANT PATENTEES

- Allred, J. M., Jr. Avocado tree. 1,474, 5-1-56, Cl. 47—62.  
 Anderson, Frederic W. Peach tree. 1,516, 9-11-56, Cl. 47—62.  
 Armstrong, John A., to Armstrong Nurseries, Inc. Rose plant. 1,448, 1-17-56, Cl. 47—61.  
 Armstrong Nurseries, Inc.: See—  
 Armstrong, John A. 1,448.  
 Swin, Herbert C. 1,450.  
 Swin, Herbert C. 1,458.  
 Swin, Herbert C. 1,482.  
 Swin, Herbert C. 1,485.  
 Swin, Herbert C. 1,490.  
 Swin, Herbert C. 1,542.  
 Arnold-Fisher Co.: See—  
 Fisher, Esther G. 1,453.  
 Baerman, Ralph, and C. H. Fischer, to Selected Glads, Inc. Gladiolus plant. 1,517, 9-18-56, Cl. 47—60.  
 Barkley, George L., to Van Well Nursery. Apple tree. 1,470, 4-17-56, Cl. 47—62.  
 Begonia, Paul B., to Germain's, Inc. Rose plant. 1,528, 11-20-56, Cl. 47—61.  
 Benjamin, Clara V., to H. E. Malter. Peach tree. 1,503, 7-31-56, Cl. 47—62.  
 Boerner, Eugene S., to Jackson & Perkins Co. Chrysanthemum plant. 1,446, 1-3-56, Cl. 47—60.  
 Boerner, Eugene S., to Jackson & Perkins Co. Rose plant. 1,447, 1-3-56, Cl. 47—61.  
 Boerner, Eugene S., to Jackson & Perkins Co. Chrysanthemum plant. 1,461, 3-20-56, Cl. 47—60.  
 Boerner, Eugene S., to Jackson & Perkins Co. Chrysanthemum plant. 1,462, 3-20-56, Cl. 47—60.  
 Boerner, Eugene S., to Jackson & Perkins Co. Chrysanthemum plant. 1,463, 3-27-56, Cl. 47—60.  
 Boerner, Eugene S., to Jackson & Perkins Co. Chrysanthemum plant. 1,467, 4-3-56, Cl. 47—60.  
 Boerner, Eugene S., to Jackson & Perkins Co. Chrysanthemum plant. 1,468, 3-27-56, Cl. 47—60.  
 Boerner, Eugene S., to Jackson & Perkins Co. Chrysanthemum plant. 1,467, 4-3-56, Cl. 47—60.  
 Boerner, Eugene S., to Jackson & Perkins Co. Rose plant. 1,512, 9-4-56, Cl. 47—61.  
 Boerner, Eugene S., to Jackson & Perkins Co. Rose plant. 1,513, 9-11-56, Cl. 47—61.  
 Boerner, Eugene S., to C. W. Stuart & Co. Rose plant. 1,529, 11-20-56, Cl. 47—60.  
 Boerner, Eugene S., to Jackson & Perkins Co. Rose plant. 1,535, 12-11-56, Cl. 47—61.  
 Boerner, Eugene S., to Jackson & Perkins Co. Rose plant. 1,540, 12-18-56, Cl. 47—61.  
 Boerner, Eugene S., to Jackson & Perkins Co. Rose plant. 1,541, 12-18-56, Cl. 47—61.  
 Bosley, Edith C.: See—  
 Shepherd, Roy E. 1,495.  
 Shepherd, Roy E. 1,511.  
 Boyce Thompson Institute for Plant Research, Inc.: See—  
 Chandler, Florence C. 1,488.  
 Brooklyn Institute of Arts and Sciences, The: See—  
 Reed, George M. 1,497.  
 Brooks, Lenard L. Azalea plant. 1,483, 6-19-56, Cl. 47—60.  
 Brooks, Lenard L. Azalea plant. 1,484, 6-19-56, Cl. 47—60.  
 Brownell, Josephine D. Rose plant. 1,491, 6-26-56, Cl. 47—61.  
 Brownell, Josephine D. Rose plant. 1,509, 9-4-56, Cl. 47—61.  
 Brownell, Josephine D. Rose plant. 1,510, 9-4-56, Cl. 47—61.  
 Byrum, Roy L., to Joseph H. Hill Co. Rose plant. 1,468, 4-17-56, Cl. 47—61.  
 Byrum, Roy L., to Joseph H. Hill Co. Rose plant. 1,504, 7-31-56, Cl. 47—61.  
 Casadaban, Rene. Camellia plant. 1,539, 12-18-56, Cl. 47—60.  
 Chandler, Florence C., to Boyce Thompson Institute for Plant Research, Inc. Purple verbenia plant. 1,488, 6-26-56, Cl. 47—60.  
 Cole, David B., to The Cole Nursery Co. Honey locust tree. 1,534, 12-11-56, Cl. 47—59.  
 Cole Nursery Co. The: See—  
 Cole, David B. 1,534.  
 Conard-Pyle Co. The: See—  
 De Ruiter, Gerrit. 1,533.  
 Meiland, Francis. 1,469.  
 Meiland, Francis. 1,489.  
 Consolidated Nurseries, Inc.: See—  
 Lammerts, Walter E. 1,463.  
 Corliss Bros., Inc.: See—  
 Corliss, Clifford D. 1,492.  
 Corliss, Clifford D. 1,520.  
 Corliss, Clifford D., to Corliss Bros., Inc. Ajuga reptans plant. 1,492, 7-3-56, Cl. 47—60.  
 Corliss, Clifford D., to Corliss Bros., Inc. Euonymus fortunei plant. 1,520, 9-25-56, Cl. 47—59.  
 Dering, Eldon P.: See—  
 Von Abrams, Gordon J. 1,455.  
 Von Abrams, Gordon J. 1,522.  
 Von Abrams, Gordon J. 1,523.  
 De Ruiter, Gerrit, to Igenfritz Nurseries, Inc. Rose plant. 1,493, 7-3-56, Cl. 47—61.  
 De Ruiter, Gerrit, to The Conard-Pyle Co. Rose plant. 1,533, 12-4-56, Cl. 47—61.  
 Des, Pedro, to C. Porter. Rose plant. 1,507, 8-28-56, Cl. 47—61.  
 Fischer, Carl H.: See—  
 Baerman, Ralph, and Fischer. 1,517.  
 Fisher, Esther G., to Arnold-Fisher Co. Rose plant. 1,453, 1-31-56, Cl. 47—61.  
 Flemer, William, III, to Wm. Flemer's Sons, Inc., trading as Princeton Nurseries. Honeylocust tree. 1,514, 9-11-56, Cl. 47—59.  
 Flemer, William, III, to Wm. Flemer's Sons, Inc., trading as Princeton Nurseries. Honeylocust tree. 1,515, 9-11-56, Cl. 47—59.  
 Flemer's Wm. Sons, Inc.: See—  
 Flemer, William, III. 1,514.  
 Flemer, William, III. 1,515.  
 Garabedian, John M. Plum tree. 1,518, 9-18-56, Cl. 47—62.  
 Gardner, Edward J., deceased, by R. L. Gardner, executor, to R. L. Gardner. Lilac plant. 1,443, 1-3-56, Cl. 47—60.  
 Gardner, Edward J., deceased, by R. L. Gardner, executor, to R. L. Gardner. Lilac plant. 1,444, 1-3-56, Cl. 47—60.  
 Gardner, Edward J., deceased, by R. L. Gardner, executor, to R. L. Gardner. Mock orange plant. 1,445, 1-3-56, Cl. 47—60.  
 Gardner, Robert L.: See—  
 Gardner, Edward J. 1,443.  
 Gardner, Edward J. 1,444.  
 Gardner, Edward J. 1,445.  
 Germain's, Inc.: See—  
 Begonia, Paul B. 1,528.  
 Soria, Cipriano. 1,505.  
 Whisler, Milton L. 1,486.  
 Whisler, Milton L. 1,487.  
 Whisler, Milton L. 1,496.  
 Grootendorst, Herman J., to J. J. Grulemans. Exochorda racemosa hybrid plant. 1,506, 8-21-56, Cl. 47—60.  
 Grulemans, John J.: See—  
 Grootendorst, Herman J. 1,506.  
 Notcutt, Roger C. 1,457.  
 Pike, Albert V. 1,536.  
 Hemet Wholesale: See—  
 Lindquist, Robert V. 1,471.  
 Lindquist, Robert V. 1,531.  
 Hill, Joseph H., Co.: See—  
 Byrum, Roy L. 1,468.  
 Byrum, Roy L. 1,504.  
 Hiraoka, Harry E. Peach tree. 1,499, 7-24-56, Cl. 47—62.  
 Howard Arthur P., to Howard & Smith. Hybrid tea rose plant. 1,525, 10-30-56, Cl. 47—61.  
 Howard & Smith: See—  
 Howard, Arthur P. 1,525.  
 Igenfritz Nurseries, Inc.: See—  
 De Ruiter, Gerrit. 1,493.  
 Jackson & Perkins Co.: See—  
 Boerner, Eugene S. 1,446.  
 Boerner, Eugene S. 1,447.  
 Boerner, Eugene S. 1,461.  
 Boerner, Eugene S. 1,462.  
 Boerner, Eugene S. 1,465.  
 Boerner, Eugene S. 1,468.  
 Boerner, Eugene S. 1,467.  
 Boerner, Eugene S. 1,512.  
 Boerner, Eugene S. 1,513.  
 Boerner, Eugene S. 1,535.  
 Boerner, Eugene S. 1,540.  
 Boerner, Eugene S. 1,541.  
 Lens, Louis. 1,530.  
 Malandrone, Michele. 1,459.  
 Malandrone, Michele. 1,524.  
 Tantau, Mathias. 1,454.  
 Tantau, Mathias. 1,454.  
 Way, Walter W. 1,508.  
 Lammerts, Walter E., to Consolidated Nurseries, Inc. Rose plant. 1,463, 3-20-56, Cl. 47—61.  
 Lens, Louis, to Jackson & Perkins Co. Rose plant. 1,530, 11-27-56, Cl. 47—61.  
 Lindquist, Robert V., to Hemet Wholesale. Rose plant. 1,471, 4-24-56, Cl. 47—61.  
 Lindquist, Robert V., to Hemet Wholesale. Rose plant. 1,531, 11-27-56, Cl. 47—61.  
 Mahan, Fred A. Pecan tree and nut. 1,532, 12-4-56, Cl. 47—62.

- Main, Lloyd. Olive tree. 1,521, 9-25-56, Cl. 47—62.  
 Malandrone, Michele, to Jackson & Perkins Co. Rose plant. 1,459, 3-13-56, Cl. 47—61.  
 Malandrone, Michele, to Jackson & Perkins Co. Rose plant. 1,524, 10-23-56, Cl. 47—61.  
 Malter, Harry E.: See—  
     Benjamin, Clara V. 1,503.  
 Meiland, Francis, to The Conard-Pyle Co. Rose plant. 1,469, 4-17-56, Cl. 47—61.  
 Meiland, Francis, to The Conard-Pyle Co. Rose plant. 1,489, 6-26-56, Cl. 47—61.  
 Merrill, Grant. Peach tree. 1,472, 5-1-56, Cl. 47—62.  
 Merrill, Grant. Peach tree. 1,473, 5-1-56, Cl. 47—62.  
 Merrill, Grant. Peach tree. 1,538, 12-11-56, Cl. 47—62.  
 Monrovia Nursery Co.: See—  
     Regan, Ronald. 1,477.  
     Regan, Ronald. 1,478.  
 Moore, Ralph S. Rose plant. 1,451, 1-24-56, Cl. 47—61.  
 Motose, Thomas E. Rose plant. 1,460, 3-13-56, Cl. 47—61.  
 Motose, Thomas E. Rose plant. 1,480, 5-29-56, Cl. 47—61.  
 Motose, Thomas E. Rose plant. 1,500, 7-31-56, Cl. 47—61.  
 Motose, Thomas E. Rose plant. 1,527, 11-13-56, Cl. 47—61.  
 Motose, Thomas E. Rose plant. 1,537, 12-11-56, Cl. 47—61.  
 Nishizawa, Yoshimatsu. Diosma plant. 1,479, 5-22-56, Cl. 47—60.  
 Notcutt, Maud H.: See—  
     Notcutt, Roger C. 1,457.  
 Notcutt, Roger C., deceased, by M. H. Notcutt, executrix, to J. J. Grullemans. Rhus cotinus plant. 1,457, 3-6-56, Cl. 47—59.  
 Parish, Edith. Strawberry plant. 1,442, 1-3-56, Cl. 47—62.  
 Perrine, David B. Peach tree. 1,449, 1-17-56, Cl. 47—62.  
 Petersen & Dering: See—  
     Von Abrams, Gordon J. 1,455.  
     Von Abrams, Gordon J. 1,522.  
     Von Abrams, Gordon J. 1,523.  
 Pike, Albert V., to J. J. Grullemans. Hybrid buddleia plant. 1,536, 12-11-56, Cl. 47—60.  
 Porter, Cole: See—  
     Dot, Pedro. 1,507.  
 Princeton Nurseries: See—  
     Flemer, William, III. 1,514.  
     Flemer, William, III. 1,515.  
 Reed, George M., to The Brooklyn Institute of Arts and Sciences. Weeping crabapple tree. 1,497, 7-17-56, Cl. 47—62.  
 Regan, Ronald, to Monrovia Nursery Co. Lantana plant. 1,477, 5-8-56, Cl. 47—60.  
 Regan, Ronald, to Monrovia Nursery Co. Lantana plant. 1,478, 5-8-56, Cl. 47—60.  
 Selected Glads, Inc.: See—  
     Baerman, Ralph, and Fischer. 1,517.  
 Shamburger, Carl S., to C. W. Stuart & Co. Rose plant. 1,456, 2-7-56, Cl. 47—61.  
 Shepherd, Roy E., to E. C. Bosley. Rose plant. 1,495, 7-3-56, Cl. 47—61.  
 Shepherd, Roy E., to E. C. Bosley. Rose plant. 1,511, 9-4-56, Cl. 47—61.  
 Singleton, Willard R., to the United States of America as represented by the United States Atomic Energy Commission. Carnation plant. 1,481, 6-5-56, Cl. 47—60.  
 Soria, Cipriano, to Germain's, Inc. Rose plant. 1,505, 8-7-56, Cl. 47—61.  
 Stark Bro's Nurseries and Orchards Co.: See—  
     Stouffer, Edwin F. 1,494.  
 Stouffer, Edwin F., to Stark Bro's Nurseries and Orchards Co. Raspberry plant. 1,494, 7-3-56, Cl. 47—62.  
 Stuart, C. W., & Co.: See—  
     Boerner, Eugene S. 1,529.  
     Shamburger, Carl S. 1,456.  
 Sullivan, Charles E. Walnut tree. 1,475, 5-8-56, Cl. 47—62.  
 Sullivan, Charles E. Walnut tree. 1,476, 5-8-56, Cl. 47—62.  
 Swin, Herbert C., to Armstrong Nurseries, Inc. Rose plant. 1,450, 1-17-56, Cl. 47—61.  
 Swin, Herbert C., to Armstrong Nurseries, Inc. Rose plant. 1,458, 3-6-56, Cl. 47—61.  
 Swin, Herbert C., to Armstrong Nurseries, Inc. Plum tree. 1,489, 6-12-56, Cl. 47—62.  
 Swin, Herbert C., to Armstrong Nurseries, Inc. Peach tree. 1,485, 6-19-56, Cl. 47—62.  
 Swin, Herbert C., to Armstrong Nurseries, Inc. Rose plant. 1,490, 6-26-56, Cl. 47—61.  
 Swin, Herbert C., to Armstrong Nurseries, Inc. Rose plant. 1,542, 12-25-56, Cl. 47—61.  
 Tantau, Mathias, to Jackson & Perkins Co. Rose plant. 1,452, 1-24-56, Cl. 47—61.  
 Tantau, Mathias, to Jackson & Perkins Co. Rose plant. 1,454, Cl. 47—61.  
 Thompson, Leslie M. Almond tree. 1,526, 11-6-56, Cl. 47—62.  
 Tirt, Horace M. Fuchsia plant. 1,498, 7-17-56, Cl. 47—60.  
 Tirt, Horace M. Fuchsia plant. 1,501, 7-31-56, Cl. 47—60.  
 Tirt, Horace M. Fuchsia plant. 1,502, 7-31-56, Cl. 47—60.  
 United States Atomic Energy Commission, United States of America as represented by the: See—  
     Singleton, Willard R. 1,481.  
 Van Well Nursery: See—  
     Barkley, George L. 1,470.  
 Von Abrams, Gordon J., to E. P. Dering, d. b. a. Peterson & Dering. Rose plant. 1,455, 1-31-56, Cl. 47—61.  
 Von Abrams, Gordon J., to E. P. Dering, d. b. a. Peterson & Dering. Rose plant. 1,522, 10-2-56, Cl. 47—61.  
 Von Abrams, Gordon J., to E. P. Dering, d. b. a. Peterson & Dering. Rose plant. 1,523, 10-2-56, Cl. 47—61.  
 Vosters, James B., to Vosters Nurseries, Inc. Ficus plants. 1,519, 9-18-56, Cl. 47—59.  
 Vosters Nurseries, Inc.: See—  
     Vosters, James B. 1,519.  
 Way, Mabel P.: See—  
     Way, Walter W. 1,508.  
 Way, Walter W., deceased, by M. P. Way, executrix, to Jackson & Perkins Co. Viola plant. 1,508, 8-28-56, Cl. 47—60.  
 Webber, Edward J. Rose plant. 1,464, 3-20-56, Cl. 47—61.  
 Whisler, Milton L., to Germain's, Inc. Rose plant. 1,486, 6-19-56, Cl. 47—61.  
 Whisler, Milton L., to Germain's, Inc. Rose plant. 1,487, 6-19-56, Cl. 47—61.  
 Whisler, Milton L., to Germain's, Inc. Rose plant. 1,496, 7-10-56, Cl. 47—61.



# 1956

## CLASSIFICATION OF PATENTS

NOTE.—First number=class, second number=subclass, third number=patent number

1— 1: 2,733,439 2,740,117 2,733,558 2,755,470 2,758,301 2: 2,729,819 2,746,041 2,748,388 2,755,471 2,762,046 3: 2,735,094 2,736,024 2,738,505 141: 2,743,442 2,744,250 2,747,185 2,749,546 2,749,547 2,753,559 2,773,288 4: 2,734,190 2,755,472 2,759,184 2,760,194 6: 2,750,591 10: 2,738,506 13: 2,771,608 15: 2,732,552 2,735,095 16: 2,732,553 2,735,096 18: 2,732,554 2,740,118 39.1: 2,734,191 42.7: 2,735,507 44.4: 2,746,042 2,747,186 2,763,861 2,765,463 2,772,415 2,774,988 44.5: 2,731,636 2,743,443 2,747,187 2,759,185 2,765,464 2,766,451 2,767,398 2,768,375 2,771,607 2,773,259 45: 2,735,097 2,734,192 2,768,376 47: 2,743,444 2,749,548 2,767,399 2,774,969 49: 2,733,440 2,740,119 2,746,043 2,746,044 2,746,045 2,752,595 2,752,596 2,754,515 2,755,473 2,755,474 2,757,378 2,763,862 2,765,465 2,765,466 2,769,173 2,769,174 2,770,804 2,771,609 49.1: 2,733,441 2,744,251 50: 2,736,025 55: 2,740,964 2,743,445 2,738,503 2,771,610 60: 2,761,142 62: 2,730,718 82: 2,754,516 91: 2,741,764	1— 92: 2,747,188 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2,758,313 2,738,514 2,760,206 2,738,572 2,765,474 2,767,406 2,773,268 2,774,072 67: 2,731,647 2,744,261 2,744,262 2,746,060 2,746,061
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4—	67: 2,755,483	5—	9: 2,746,063	5—	320: 2,769,989	8—94.33:	2,732,278	10—	13: 2,754,527	12—	38: 2,745,123	
68:	2,743,460		2,774,976		327: 2,769,184		2,746,837		2,768,394		2,770,823	
	2,745,110		11: 2,734,200		331: 2,732,569		2,746,838		25: 2,730,731		2,772,428	
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	2,734,198		12: 2,738,519		2,750,605		2,730,426		28: 2,745,122		2,735,110	
	2,745,111		2,755,486		2,751,608		2,741,536		34: 2,745,122		2,740,976	
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	2,752,565		2,728,922		333: 2,765,875		108: 2,738,032		53: 2,761,157		2,755,482	
	2,741,777		2,730,829		334: 2,730,728		111: 2,740,680		72: 2,739,833		82: 2,738,511	
	2,747,199		2,734,201		2,736,043		112: 2,738,907		2,744,268		2,750,608	
	2,761,149		2,744,265		2,757,389		2,770,519		2,749,561		85.1: 2,766,468	
113:	2,750,600		2,748,958		2,772,425		115.5: 2,749,208		76: 2,769,990		85.1: 2,770,735	
115:	2,740,971		2,749,559		336: 2,729,831		116: 2,730,427		86: 2,743,466		2,765,485	
131:	2,732,564		2,770,814		337: 2,750,006		2,731,323		2,746,065		85.5: 2,735,120	
	2,768,386		2,771,614		338: 2,728,926		2,731,323		2,756,444		97: 2,734,207	
134:	2,745,112		2,744,266		2,765,480		116.4: 2,771,337		89: 2,764,797		2,745,124	
141:	2,730,726		21: 2,760,210		2,769,185		120: 2,729,535		2,769,991		2,747,207	
145:	2,741,778		31: 2,745,113		2,759,200		2,745,292		2,770,819		120.5: 2,738,325	
	2,757,384		37: 2,769,987		343: 2,757,390		2,759,787		2,770,820		123.3: 2,757,395	
	2,770,812		38: 2,730,727		344: 2,751,609		121: 2,772,944		91: 2,759,202		2,759,205	
146:	2,757,385		38: 2,730,727		347: 2,766,465		125: 2,751,278		95: 2,746,225		123.3: 2,739,324	
148:	2,747,200		2,752,567		348: 2,731,652		2,769,685		128.4: 2,744,270		2,744,270	
149:	2,754,438		2,751,005		349: 2,741,780		128: 2,739,033		2,746,066		128.6: 2,755,121	
	2,761,150		42: 2,740,131		2,748,399		2,739,034		97: 2,762,065		133: 2,733,463	
	2,774,973		43: 2,743,463		350: 2,733,573		129: 2,753,240		100: 2,769,992		2,761,159	
154:	2,774,974		44: 2,731,650		351: 2,740,134		130.1: 2,738,032		101: 2,769,186		2,764,768	
159:	2,759,195		47: 2,738,520		352: 2,740,134		2,768,067		107: 2,732,570		2,752,571	
	2,760,207		51: 2,740,132		354: 2,741,781		2,768,868		2,754,528		136: 2,730,736	
	2,767,407		2,752,613		355: 2,770,816		131: 2,769,099		2,757,391		2,731,653	
160:	2,766,461		2,768,390		356: 2,756,443		133: 2,730,428		109: 2,740,137		2,738,527	
172:	2,755,484		53: 2,731,651		361: 2,742,652		137: 2,733,120		111: 2,757,392		2,748,408	
	2,766,462		2,734,202		1: 2,739,729		2,739,667		118: 2,757,393		400: 2,766,466	
173:	2,751,602		2,740,133		4: 2,746,064		2,753,241		120.5: 2,753,575		2,757,396	
	2,755,485		55: 2,759,198		5.4: 2,760,211		137.5: 2,735,742		122: 2,760,213		2,760,215	
177:	2,728,920		57: 2,755,487		14.1: 2,733,456		139: 2,762,081		2,774,083		2,762,088	
	2,751,603		63: 2,765,477		2,758,320		141: 2,749,209		123: 2,744,269		2,769,189	
	2,768,873		65: 2,761,152		14.25: 2,734,204		149.3: 2,729,536		129: 2,751,613		2,769,189	
	2,769,983		68: 2,739,319		5: 2,767,043		150.5: 2,767,043		2,751,614		2,770,824	
	2,769,984		2,769,182		2,773,272		151: 2,729,537		135: 2,770,821		2,774,087	
	2,769,985		69: 2,747,203		14.5: 2,774,978		156: 2,745,112		136: 2,729,834		146: 2,742,657	
	2,769,986		7: 2,755,488		1: 2,768,867		2,772,138		140: 2,735,116		2,769,986	
	2,772,421		79: 2,751,606		2,772,136		158: 2,768,869		2,767,412		2,763,879	
178:	2,736,038		2,764,763		4: 2,740,687		159: 2,757,065		141: 2,740,974		147: 2,731,654	
185:	2,732,565		81: 2,733,452		6.5: 2,733,119		9—	1: 2,734,205		153: 2,733,458	13—	5: 2,734,436
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	2,754,523		84: 2,774,079		2,772,137		2,740,135		2,752,618		2,749,378	
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	2,752,609		2,732,614		2,741,533		2,741,782		2,752,619		2,752,410	
	2,753,571		2,766,464		2,759,249		2,745,118		2,752,619		2,761,002	
	2,759,196		2,774,080		18: 2,733,975		3: 2,770,817		2,755,491		2,761,003	
	2,762,061		94: 2,735,113		2,751,276		5: 2,747,204		2,759,203		2,774,803	
	2,763,874		97: 2,757,387		2,770,518		6: 2,743,465		2,760,214		10: 2,744,944	
	2,765,476		2,772,423		19: 2,739,080		2,755,490		2,762,066		12: 2,758,144	
	2,768,387		98: 2,742,651		21: 2,764,466		2,738,321		2,769,187		13: 2,766,313	
	2,769,181		99: 2,733,453		2,772,943		2,773,273		2,773,117		14: 2,774,088	
189:	2,762,062		2,736,041		24: 2,760,841		8: 2,771,617		12—	1: 2,736,045	16: 2,753,388	
191:	2,739,317		2,738,521		30: 2,763,529		2,765,481		2,738,526		2,758,145	
	2,743,461		2,750,603		34: 2,742,340		9: 2,738,524		2,740,138		18: 2,744,945	
192:	2,740,130		2,755,489		2,756,119		2,752,615		2,740,139		2,759,035	
200:	2,768,388		2,758,317		2,747,647		2,754,525		2,746,067		2,774,804	
213:	2,743,462		2,758,318		2,774,082		11: 2,749,560		2,747,206		20: 2,744,152	
	2,747,201		2,764,764		36: 2,768,051		2,752,616		2,757,394		2,763,704	
	2,759,197		2,769,183		37: 2,757,064		2,764,766		2,771,619		2,744,946	
216:	2,728,921		2,774,081		40: 2,768,052		17: 2,742,654		2,774,085		23: 2,755,328	
223:	2,760,209		2,774,082		42: 2,749,207		2,751,611		7.3: 2,733,459		2,765,360	
225:	2,761,151		100: 2,738,522		2,749,207		18: 2,748,400		7.5: 2,763,016		25: 2,735,881	
227:	2,736,039		101: 2,753,572		2,768,053		2,752,617		7.8: 2,740,140		2,772,318	
231:	2,728,928		104: 2,765,478		43: 2,763,530		19: 2,763,574		2,756,445		26: 2,729,692	
234:	2,744,264		109: 2,758,319		48: 2,734,793		2,760,212		8.2: 2,758,323		2,759,035	
237:	2,751,604		111: 2,756,441		2,742,341		2,774,979		8.5: 2,748,403		2,767,236	
	2,752,610		122: 2,745,115		2,742,341		2,766,466		8.7: 2,733,460		2,768,226	
	2,771,612		130: 2,774,079		2,754,171		21: 2,728,927		8.8: 2,768,395		2,773,122	
239:	2,732,566		131: 2,736,042		49: 2,753,239		2,729,832		9: 2,759,206		2,783,406	
	2,738,518		2,745,116		54.2: 2,741,534		2,739,832		10.2: 2,754,529		2,755,326	
	2,767,408		149: 2,751,607		55: 2,729,533		2,735,115		10.4: 2,736,046		29: 2,755,327	
240:	2,742,649		152: 2,773,269		2,733,976		2,738,525		2,749,562		2,761,004	
242:	2,742,650		176: 2,772,424		2,743,231		2,740,972		2,758,324		31: 2,743,307	
243:	2,752,611		194: 2,759,199		2,743,991		2,745,119		10.5: 2,730,733		2,745,891	
246:	2,767,409		197: 2,761,153		2,743,992		2,748,401		11.3: 2,768,397		2,762,856	
251:	2,758,315		200: 2,745,117		2,743,993		2,751,612		12: 2,739,323		2,765,361	
252:	2,772,422		202: 2,768,391		2,746,836		2,754,526		12.2: 2,739,323		33: 2,730,580	
	2,752,612		226: 2,742,653		2,750,250		2,761,155		12.3: 2,759,207		2,757,397	
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	2,771,613		266: 2,729,830		61: 2,768,052		24: 2,763,015		15: 2,761,158		1: 2,762,069	
254:	2,774,975		273: 2,733,454		2,762,080		38: 2,742,655		17: 2,730,734		22: 2,743,307	
255:	2,739,318		285: 2,734,203		2,764,467		1: 2,768,393		2,735,118		38: 2,740,145	
256:	2,733,450		287: 2,771,616		74: 2,741,535		2: 2,740,973		17.2: 2,729,337		42: 2,755,493	
260:	2,736,040		287: 2,756,442		2,768,055		5: 2,761,156		2,740,142		71: 2,730,699	
287:	2,738,012		294: 2,728,923		75: 2,740,688		6: 2,763,877		18.7: 2,750,607		2,751,615	
	2,738,012		296: 2,728,924		94.11: 2,750,251		2,741,783		20: 2,748,404		2,757,397	
295:	2,750,601		310: 2,743,464		2,755,165		2,					



15—	21: 2,730,337 2,733,464 2,739,326 2,771,621 2,774,980 2,731,553	15—121.2: 2,767,417 122: 2,730,745 2,739,328 2,745,127 2,760,218 2,744,276	15—	188: 2,764,773 190: 2,771,625 198: 2,739,332 201: 2,740,960 202: 2,732,578 2,753,580 2,757,402 203: 2,774,096 209: 2,752,625 2,739,381 2,754,532 2,763,021 2,774,983 2,774,984 210: 2,744,379 2,746,074 2,755,497 2,761,164 2,762,075 2,768,403 2,769,193 2,773,277 218: 2,748,413 220: 2,759,211 222: 2,754,533 223: 2,759,212 225: 2,733,465 226: 2,748,414 227: 2,728,932 2,735,127 2,736,052 2,738,533 2,745,128 228: 2,743,471 2,764,774 229: 2,729,941 2,730,748 2,738,534 2,741,059 2,744,280 2,755,498 2,759,453 230: 2,747,210 2,747,211 2,765,486 2,766,473 231: 2,739,333 2,739,334 2,740,150 236: 2,745,129 2,746,075 2,749,981 2,761,165 2,770,829 244: 2,731,658 2,735,129 2,739,335 2,742,061 2,744,281 2,753,582 2,761,166 2,761,167 2,763,885 245: 2,733,469 2,739,336 2,739,337 2,739,338 2,741,791 2,741,792 2,750,617 2,751,619 2,757,403 2,760,220 2,764,775 2,766,474 2,767,419 2,771,626 2,772,435 246: 2,728,933 2,746,076 2,753,583 2,757,404 247: 2,733,470 248: 2,733,471 2,763,022 250: 2,728,934 2,745,472 2,747,212 2,747,213 2,749,568 2,751,620 2,756,454 2,761,168 2,761,169 250.4: 2,743,473 2,748,416 2,763,023 2,769,194 250.5: 2,733,472 2,746,077 2,755,499 251: 2,759,213	15—	253: 2,745,130 2,753,584 2,760,221 254: 2,740,151 255: 2,736,053 2,738,535 2,739,339 2,740,152 2,744,282 2,745,131 2,752,626 2,759,214 256.5: 2,729,842 257: 2,729,843 2,740,961 258: 2,733,537 2,743,474 2,768,404 264: 2,757,405 265: 2,728,935 2,737,437 267: 2,774,097 268: 2,733,473 2,763,024 302: 2,754,534 304: 2,750,224 307: 2,754,535 306: 2,751,621 308: 2,761,170 2,729,844 2,748,417 310: 2,729,845 314: 2,772,438 317: 2,760,222 318: 2,730,749 319: 2,753,585 320: 2,731,659 321: 2,757,406 2,763,886 323: 2,747,216 2,769,996 324: 2,734,214 2,734,214 2,769,997 325: 2,734,215 327: 2,769,998 2,769,999 328: 2,746,078 332: 2,740,982 333: 2,730,751 2,734,216 2,740,983 2,747,215 2,758,529 2,770,001 2,770,002 337: 2,763,025 339: 2,734,217 344: 2,746,078 2,756,456 2,758,530 349: 2,739,340 351: 2,734,218 2,738,538 2,747,216 361: 2,730,752 2,734,219 2,740,984 2,763,887 2,747,217 374: 2,746,078 383: 2,740,985 399: 2,730,753 2,758,531 406: 2,770,830 410: 2,734,220 2,759,213 415: 2,740,153 16—	16—	42: 2,738,541 2,744,283 2,746,079 2,757,407 2,738,542 2,772,439 50: 2,761,171 51: 2,743,475 52: 2,735,132 53: 2,774,793 54: 2,770,003 55: 2,752,627 2,770,004 59: 2,763,888 62: 2,774,987 63: 2,731,661 66: 2,753,587 75: 2,757,408 76: 2,755,500 82: 2,739,941 2,769,195 85: 2,767,421 2,767,422 2,769,196 2,769,197 86: 2,769,197 2,770,224 87: 2,754,535 88: 2,740,154 90: 2,750,622 93: 2,741,794 94: 2,735,133 95: 2,767,423 2,738,055 96: 2,759,215 105: 2,746,080 109: 2,729,842 110.5: 2,728,937 111: 2,731,662 114: 2,731,663 2,734,221 2,772,440 124: 2,771,627 126: 2,767,424 128: 2,734,222 2,735,133 2,739,342 2,742,665 2,754,536 2,762,078 2,765,488 2,774,098 130: 2,751,623 2,763,889 131: 2,744,284 2,771,628 141: 2,773,478 2,743,276 143: 2,752,628 144: 2,735,134 145: 2,729,847 146: 2,770,005 147: 2,738,543 2,745,132 150: 2,745,133 2,746,081 158: 2,763,890 161: 2,750,620 163: 2,739,343 2,740,155 2,751,624 2,751,625 166: 2,732,580 169: 2,734,223 2,769,198 172: 2,742,441 170: 2,748,420 171: 2,732,581 172: 2,770,833 173: 2,764,777 177: 2,749,569 178: 2,767,425 179: 2,732,582 2,770,834 180: 2,733,476 2,744,099 190: 2,771,629 191: 2,758,332 197: 2,739,344 2,742,666 2,747,219 198: 2,749,570 2,758,333 2,767,426 2,771,173 17—	17—	1: 2,766,476 Re.24,115 2: 2,744,285 2,753,589 2,755,501 2,760,222 2,771,630 2,771,631 2,772,442 4: 2,738,544 2,738,545 2,771,632 7: 2,746,082 8: Re.24,194 2,766,457 9: 2,738,546 2,747,220 11: 2,729,848 2,735,135 2,738,547 2,739,345 2,768,477 2,774,101 11.1: 2,743,477 2,753,590 2,759,216 11.2: 2,738,548 2,732,583 2,741,795 11.3: 2,731,664 2,739,346 2,738,549 18: 2,728,939 21: 2,770,006 26: 2,735,136 32: 2,752,629 2,757,419 34: 2,760,226 41: 2,754,538 44.1: 2,731,665 2,739,347 2,764,778 45: 2,750,623 2,754,539 2,757,413 2,771,633 2,738,539 2,728,940 2,740,156 2,741,796 2,745,134 2,746,083 2,746,084 2,752,630 2,752,631 2,753,591 2,753,592 2,754,540 2,755,502 2,759,217 2,763,022 2,766,478 2,767,427 2,769,199 2,770,007 2,773,279 2,773,280 2,774,102 2: 2,730,755 2,731,666 2,735,137 2,741,797 2,744,286 2,753,593 2,764,779 2,768,405 2,770,008 2.5: 2,729,849 2,739,348 2,754,541 2,758,335 2.6: 2,774,033 2.7: 2,738,548 3: 2,730,756 2,746,085 2,755,503 2,755,504 2,759,218 4: 2,732,584 2,756,056 2,755,505 5: 2,729,850 2,745,135 2,750,624 2,750,625 2,767,428 2,774,104 5.3: 2,743,478 6: 2,738,045 2,743,479 2,756,458 8: 2,730,757 2,730,758
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18—	8: 2,731,667 2,732,585 2,732,586 2,740,986 2,742,667 2,743,136 2,747,221 2,753,594 2,755,506 2,763,891 2,763,892 2,763,893 2,767,429 2,770,835 2,771,634 2,771,635 2,773,281 2,773,282 0: 2,742,668 2,758,336 2: 2,753,632 2,763,893 12: 2,728,943 2,730,759 2,730,760 2,732,587 2,734,224 2,736,057 2,736,058 2,738,540 2,740,157 2,742,669 2,744,287 2,747,222 2,748,422 2,749,571 2,752,633 2,753,633 2,754,542 2,759,219 2,760,227 2,764,780 2,765,490 2,765,491 2,767,430 2,768,406 2,769,200 2,770,836 2,770,837 2,771,636 2,771,637 2,774,103 2,774,109 2,774,107 13: 2,730,761 2,730,762 2,732,588 2,740,158 2,740,988 2,740,989 2,750,627 2,753,596 2,753,597 2,754,543 2,758,337 2,760,228 2,760,229 2,760,230 2,766,479 2,766,480 2,766,481 2,767,431 2,769,201 2,773,283 14: 2,747,223 2,747,224 2,767,432 2,770,009 2,772,944 2,754,544 2,756,459 2,762,077 2,763,894 2,765,492 2,774,988 16: 2,751,626 2,757,414 16.5: 2,738,550 2,762,078 17: 2,730,763 2,736,059 2,743,490 2,747,225 2,770,010 18: 2,728,945 2,729,851 2,729,852 2,729,853 2,730,764 2,734,225 2,736,060 2,743,481 2,745,137 2,748,423	18—	18: 2,759,220 2,761,171 2,770,838 2,770,839 10: 2,740,987 2,760,231 2,765,493 2,744,288 2,748,424 21: 2,744,289 24: 2,731,668 2,755,507 26: 2,735,138 2,740,159 2,745,138 2,774,989 30: 2,734,226 2,739,349 2,740,160 2,743,670 2,744,290 2,747,226 2,750,628 2,752,634 2,754,545 2,755,508 2,758,338 2,759,221 2,760,232 2,764,781 2,766,482 2,760,483 2,760,484 2,770,011 2,773,284 2,774,980 33: 2,736,061 2,761,175 2,762,079 34: 2,728,947 2,728,948 2,733,478 2,745,139 2,754,546 2,763,028 2,765,494 2,769,202 35: 2,772,443 36: 2,742,671 2,770,012 2,770,013 39: 2,730,765 2,734,227 2,752,635 2,767,433 41: 2,747,227 42: 2,730,766 2,731,669 2,733,479 2,736,062 2,752,636 44: 2,732,589 45: 2,729,854 2,730,767 2,739,350 2,750,629 2,769,203 2,766,479 47: 2,772,141 47.2: 2,731,670 47.3: 2,728,949 2,753,598 47.5: Re.24,174 2,725,850 2,732,590 2,736,063 2,740,990 2,741,798 2,743,482 2,746,086 2,747,228 2,750,630 2,753,599 2,754,547 2,755,509 2,755,510 2,761,176 2,763,029 2,763,895 2,767,434 2,769,204 2,770,011 2,772,444 2,773,285 2,774,988 48: 2,728,951 2,744,291 2,744,292 2,746,087 2,746,088 2,751,627 2,761,177 2,763,896 2,767,435	18—	48: 2,768,407 2,770,014 2,773,286 2,774,109 2,774,991 48.8: 2,740,991 53: 2,739,351 2,741,799 2,757,415 2,763,897 2,766,485 2,769,205 2,770,841 54: 2,729,538 2,729,539 2,732,279 2,733,121 2,733,122 2,734,226 2,733,978 2,740,160 2,743,994 2,746,839 2,746,839 2,758,004 2,758,009 2,761,754 2,764,468 2,764,469 2,768,870 2,775,505 2,775,506 2,775,507 55: 2,729,858 2,732,591 2,732,592 2,736,064 2,738,551 2,742,672 2,746,089 2,748,425 2,751,628 2,752,637 2,756,461 2,758,339 2,759,222 2,767,436 2,768,408 2,770,842 2,774,110 2,774,992 56: 2,739,065 2,745,140 2,749,572 2,769,206 57: 2,728,952 2,736,066 2,745,141 2,750,631 2,763,030 2,770,015 2,770,708 2,740,161 2,741,800 2,752,638 2,757,416 2,780,233 58: 2,741,800 2,752,638 2,757,416 2,780,233 58.3: 2,763,031 2,773,287 58.5: 2,747,229 59: 2,730,769 2,731,671 2,731,672 2,735,139 2,736,067 2,739,352 2,743,483 2,746,090 2,747,230 2,750,632 2,751,629 2,759,223 2,762,086 2,763,032 2,769,207 2,771,638 59.3: 2,747,231 2,767,438 60: 2,740,162 61: 2,748,426 41: 2,746,091 48: 2,748,427 1: 2,739,353 7: 2,729,856 8: 2,760,234 9: 2,747,232 10: 2,746,092 11: 2,738,294 16: 2,753,600 23: 2,738,552 24: 2,745,142 25: 2,755,511 35: 2,731,673 37: 2,738,480 38: 2,760,235	19—	39: 2,740,163 41: 2,738,553 48: 2,761,178 55: 2,760,236 2,769,208 56: 2,743,484 2,731,674 2,731,675 59: 2,733,481 2,736,068 2,744,293 2,747,233 66: 2,733,228 2,734,229 2,740,992 2,745,143 2,747,233 2,747,234 2,751,630 2,762,081 2,763,898 67: 2,728,953 2,740,993 2,744,294 2,747,235 2,755,512 69: 2,736,069 2,759,225 70: 2,729,857 2,746,093 2,749,573 2,770,843 72: 2,772,445 89: 2,755,513 90: 2,729,858 2,774,111 93: 2,745,144 95: 2,746,094 96: 2,734,230 2,762,089 98: 2,774,994 106: 2,772,446 2,774,112 108: 2,742,673 2,740,994 114: 2,731,676 2,735,140 116: 2,731,677 127: 2,764,544 128: 2,734,231 130: 2,728,954 2,738,554 2,740,995 2,740,996 2,744,295 2,755,514 2,761,179 2,765,495 2,766,486 2,767,440 2,769,212 2,771,639 131: 2,734,232 2,735,141 2,745,145 2,751,631 2,766,462 2,780,237 2,774,995 134: 2,741,801 2,749,575 135: 2,729,859 2,734,233 2,738,555 2,746,095 2,751,632 2,758,340 2,762,082 2,766,487 2,769,210 137: 2,750,633 139: 2,753,142 2,780,237 2,741,802 2,741,803 2,728,955 140: 2,730,770 2,763,496 2,735,144 141: 2,749,574 142: 2,730,771 2,731,678 2,740,144 2,750,634 2,755,515 2,762,083 2,764,782 2,771,640 2,774,113 143: 2,729,860 2,755,516 143.5: 2,743,485 144: 2,736,070 144.5: 2,763,898 148: 2,738,556	19—	149: 2,754,549 153: 2,738,556 155: 2,746,096 2,770,844 156: 2,729,861 2,731,679 2,738,557 2,748,429 2,749,576 2,751,633 2,738,341 157: 2,736,071 159: 2,736,071 2,745,146 2,770,015 161: 2,771,641 165: 2,748,430 2,774,114 166: 2,763,034 169: 2,763,035 20—	19—	19: 2,741,806 2,742,678 2,751,637 2,763,036 2,764,784 22: 2,756,465 2,774,118 23: 2,741,807 2,747,239 2,765,501 2,765,502 24: 2,774,998 32: 2,763,901 35: 2,728,968 2,729,863 2,731,682 2,733,483 2,751,638 2,754,552 2,760,240 2,764,785 2,770,850 2,774,999 38: 2,756,466 39: 2,756,466 40: 2,732,593 2,755,518 2,758,343 2,771,648 2,772,447 40.5: 2,746,099 2,746,100 42: 2,770,017 2,731,683 2,736,074 2,740,170 2,744,298 2,746,101 2,749,578 2,750,635 2,754,558 2,762,086 2,763,037 2,765,503 2,766,491 2,767,442 2,770,851 2,772,448 4: 2,730,772 2,742,675 2,746,098 2,747,236 2,752,641 2,756,463 2,766,488 2,767,440 2,769,212 5: 2,735,143 2,740,166 2,754,551 2,770,847 6: 2,743,487 2,762,085 8: 2,740,167 10: 2,760,239 11: 2,728,956 2,753,603 2,753,603 2,770,849 12: 2,730,773 2,731,681 2,761,182 2,766,489 2,766,490 2,767,441 2,771,642 2,774,996 2,774,997 15: 2,728,957 2,756,464 16: 2,729,862 2,730,774 2,734,234 2,735,144 2,741,805 2,743,488 2,747,237 2,751,636 2,759,227 2,759,227 2,763,900 2,768,409 2,769,213 2,774,117 19: Re.24,237 2,730,777 2,736,073 2,739,354 2,740,169	20—	19: 2,741,806 2,742,678 2,751,637 2,763,036 2,764,784 22: 2,756,465 2,774,118 23: 2,741,807 2,747,239 2,765,501 2,765,502 24: 2,774,998 32: 2,763,901 35: 2,728,968 2,729,863 2,731,682 2,733,483 2,751,638 2,754,552 2,760,240 2,764,785 2,770,850 2,774,999 38: 2,756,466 39: 2,756,466 40: 2,732,593 2,755,518 2,758,343 2,771,648 2,772,447 40.5: 2,746,099 2,746,100 42: 2,770,017 2,731,683 2,736,074 2,740,170 2,744,298 2,746,101 2,749,578 2,750,635 2,754,558 2,762,086 2,763,037 2,765,503 2,766,491 2,767,442 2,770,851 2,772,448 4: 2,730,772 2,742,675 2,746,098 2,747,236 2,752,641 2,756,463 2,766,488 2,767,440 2,769,212 5: 2,735,143 2,740,166 2,754,551 2,770,847 6: 2,743,487 2,762,085 8: 2,740,167 10: 2,760,239 11: 2,728,956 2,753,603 2,753,603 2,770,849 12: 2,730,773 2,731,681 2,761,182 2,766,489 2,766,490 2,767,441 2,771,642 2,774,996 2,774,997 15: 2,728,957 2,756,464 16: 2,729,862 2,730,774 2,734,234 2,735,144 2,741,805 2,743,488 2,747,237 2,751,636 2,759,227 2,759,227 2,763,900 2,768,409 2,769,213 2,774,117 19: Re.24,237 2,730,777 2,736,073 2,739,354 2,740,169
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20— 56.5:	2,736,075 2,741,809 2,745,150 2,746,102 2,749,579 2,750,637 2,755,521 2,756,467	21— 2.5:	2,755,166 2,755,167 2,756,120 2,757,065 53: 2,742,942 2,750,252 74: 2,741,003 2,764,789 78: 2,771,644 80: 2,771,645 82: 2,775,003 91: 2,729,864 95: 2,728,962 102: 2,756,470 116: 2,770,854 117: 2,775,006 120: 2,741,812 2,740,174 2,741,001 2,741,810 2,731,811 2,742,677 2,742,678 2,743,489 2,743,490 2,744,300 2,747,242 2,749,580 2,750,638 2,751,640 2,753,645 2,753,644 2,752,645 2,753,604 2,755,522 2,755,523 2,760,241 2,762,089 2,770,020 2,770,852 58: 2,742,679 62: 2,732,595 2,733,486 2,738,558 2,740,175 2,742,680 2,742,681 2,748,432 2,749,581 2,751,641 2,751,642 2,753,524 2,758,345 2,760,242 2,761,185 2,766,493 2,770,853 64: 2,728,961 2,739,357 2,744,301 66: 2,741,002 68: 2,749,582 2,765,504 2,769,215 69: 2,732,596 2,734,238 2,734,239 2,736,076 2,738,559 2,739,358 2,739,359 2,746,103 2,751,643 2,756,468 2,757,422 2,757,423 2,760,243 2,762,090 2,763,038 2,764,787 2,764,788 2,766,494 2,767,444 70: 2,774,120 2,773,487 2,768,412 71: 2,755,525 2,756,469 2,772,452 75: 2,732,597 91: 2,732,598 92: 2,735,146 2,762,091 2,766,495 2,774,121 94: 2,751,644 96: 2,747,243 21— 2.5:	2,739,870 2,739,871 2,739,872 2,749,210 2,752,221	22— 85:	2,774,123 89: 2,750,640 2,770,244 2,766,496 90: 2,756,473 2,770,858 92: 2,744,304 93: 2,766,497 94: 2,733,490 95: 2,744,303 95.7: 2,741,815 96: 2,772,456 101: 2,768,414 2,773,290 110: 2,752,599 2,753,607 113.5: 2,752,651 2,771,647 118: 2,756,474 123: 2,755,527 2,763,042 134: 2,735,147 2,745,154 2,763,905 137: 2,764,790 139: 2,734,242 2,743,493 2,759,230 2,763,043 2,763,906 144: 2,762,967 2,767,449 147: 2,741,816 2,751,649 149: 2,748,434 152: 2,750,231 153: 2,760,245 158: 2,741,817 2,761,187 165: 2,732,600 170: 2,755,528 2,756,532 174: 2,731,088 2,750,641 2,766,498 193: 2,734,243 2,736,077 2,748,435 2,751,650 2,757,426 2,765,507 2,770,859 2,771,648 2,771,649 2,771,650 2,772,457 2,772,458 194: 2,749,586 196: 2,752,653 2,756,475 2,759,232 200: 2,749,587 2,732,601 2,740,177 2,743,494 2,747,245 2,754,559 2,763,044 2,770,022 2,772,459 200.5: 2,731,690 202: 2,735,148 2,743,495 203: 2,731,689 2,745,106 2,753,907 2,765,508 204: 2,762,098 2,768,415 214: 2,734,244 2,770,860 215: 2,758,347 2,771,651 216.5: 2,753,608 217: 2,756,476 23— 1:	2,735,743 2,741,744 2,730,058 2,742,343 2,745,713 2,756,121 2,757,069 2,738,058 2,760,842 2,760,843 2,762,082 2,762,683 2,733,979 2,743,153 2,745,714 2,747,962 2,761,765 2,768,058	23— 2:	2,773,735 2,758,005 2,772,945 14: 2,729,540 2,732,280 2,732,281 2,732,282 2,741,539 2,741,540 2,744,810 2,733,123 14.5: 2,733,124 2,733,125 2,733,126 2,733,127 2,733,128 2,733,129 2,734,795 2,738,746 2,741,541 2,743,154 2,743,155 2,743,156 2,743,157 2,743,158 2,743,159 2,737,070 2,750,253 2,750,254 2,756,122 2,756,123 2,756,124 2,753,125 2,758,006 2,758,007 2,759,788 2,759,790 2,759,791 2,761,756 2,761,757 2,761,758 2,762,684 2,762,685 2,764,740 2,764,741 2,767,044 2,767,045 2,767,046 2,768,059 2,768,872 2,768,873 2,769,686 2,770,520 2,770,521 2,771,338 2,771,339 2,771,340 2,772,142 2,772,143 16: 2,733,747 2,756,126 2,773,737 19: 2,733,980 2,739,792 2,759,793 2,770,522 21: 2,757,068 23: 2,767,047 25: 2,733,981 2,753,242 42: 2,764,472 48: 2,749,212 49: 2,755,168 50: 2,749,213 2,749,216 2,767,049 51: 2,735,748 2,749,214 2,760,255 2,751,279 2,754,172 2,757,069 2,758,008 2,758,911 2,767,050 2,771,341 52: 2,734,796 56: 2,733,129 2,733,130 2,745,715 2,754,173 58: 2,770,523 59: 2,773,738 2,765,214 60: 2,761,759 2,730,429 2,750,256 2,775,508 63: 2,755,169 2,767,051 2,770,524 64: 2,752,222	23— 64:	2,768,060 65: 2,773,739 66: 2,747,963 2,762,686 67: 2,765,212 75: 2,729,541 2,766,100 2,770,525 79: 2,733,131 2,742,344 2,762,687 85: 2,733,982 2,739,873 2,768,874 87: 2,734,797 2,752,223 2,753,243 2,758,009 2,761,760 2,762,688 2,767,052 88: 2,732,283 2,743,160 2,743,161 2,743,162 2,745,716 2,757,070 2,772,946 89: 2,755,170 90: 2,751,280 2,770,526 91: 2,758,912 2,769,794 2,772,143 93: 2,750,257 97: 2,746,840 103: 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2,768,062 178: 2,747,968 181: 2,740,691 2,769,691 182: 2,731,326 2,757,073 2,759,798 2,763,533 2,768,063 183: 2,733,983 2,773,742 184: 2,732,287 2,735,750 2,743,165 2,747,969 2,752,226 2,757,074 2,761,765 186: 2,735,751 2,772,948 2,772,949 2,772,949 2,772,950 190: 2,735,752 2,740,692 2,749,217 2,754,177 2,767,057 2,768,878 2,771,343 200: Re.24,173 2,749,218 2,771,344 2,773,743 202: 2,731,327 2,733,133 2,743,166 2,750,259 2,750,260 2,760,846 2,770,529 2,771,245 203: 2,741,542 2,772,144 204: 2,741,543 2,768,064 205: 2,739,041 2,762,691 206: 2,733,984 2,766,103 2,767,058 2,767,059 207: 2,734,798 2,739,042 2,739,875 2,745,719 208: 2,768,065 2,768,066 2,775,510 2,779,542 2,733,134 2,749,219 209.1: 2,734,799 209.4: 2,731,328 2,735,753 2,768,067 2,769,689 2,773,744 209.5: 2,767,047 2,734,800 210: 2,747,970 212: 2,750,261 2,759,799 219: 2,731,329 2,746,844 220: 2,740,693 223.5: 2,747,971 2,750,262 2,773,745 224: 2,733,985 2,757,075 2,767,060 2,767,061 225: 2,729,543 2,742,346 2,758,913 2,760,848 2,765,217
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23—	225: 2, 772, 146	23—	283: 2, 762, 692	24—	77: 2, 748, 436	24—	245: 2, 758, 351	25—131: 5: 2, 731, 701	28—	64: 2, 746, 120
230: 2, 767, 062	284: 2, 729, 547		284: 2, 729, 547	81: 2, 758, 348	246: 2, 745, 163	246: 2, 745, 163	246: 2, 745, 163	2, 734, 250	68: 2, 763, 913	
236: 2, 731, 330	2, 729, 548		2, 729, 548	2, 769, 219	247: 2, 775, 013	247: 2, 775, 013	247: 2, 775, 013	2, 775, 019	71: 2, 749, 594	
2, 732, 285	2, 747, 974		2, 747, 974	85: 2, 730, 781	249: 2, 731, 686	249: 2, 731, 686	249: 2, 731, 686	2, 729, 872	73: 2, 725, 973	
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2, 743, 995	2, 766, 104		2, 766, 104	113: 2, 751, 654	2, 733, 492	2, 733, 492	2, 733, 492	2, 748, 443	2, 748, 444	
2, 745, 720	2, 768, 881		2, 768, 881	115: 2, 747, 246	2, 739, 868	2, 739, 868	2, 739, 868	2, 751, 660	2, 748, 445	
2, 749, 220	2, 769, 693		2, 769, 693	123: 2, 740, 178	2, 743, 498	2, 743, 498	2, 743, 498	2, 765, 511	2, 754, 578	
2, 752, 227	2, 769, 694		2, 769, 694	124: 2, 759, 234	2, 746, 797	2, 746, 797	2, 746, 797	2, 765, 512	2, 757, 434	
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2, 761, 766	2, 750, 265		2, 750, 265	129: 2, 746, 112	2, 748, 441	2, 748, 441	2, 748, 441	2, 753, 612	2, 766, 504	
2, 765, 218	2, 758, 915		2, 758, 915	130: 2, 743, 496	2, 757, 014	2, 757, 014	2, 757, 014	2, 765, 515	2, 768, 419	
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2, 770, 531	2, 774, 654		2, 774, 654	2, 762, 101	274: 2, 730, 782	274: 2, 730, 782	274: 2, 730, 782	2, 763, 049	73: 2, 753, 014	
2, 772, 951	2, 730, 434	286: 2, 734, 805	2, 734, 805	139: 2, 733, 151	2, 767, 455	2, 767, 455	2, 767, 455	2, 765, 512	2, 769, 222	
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232: 2, 774, 652	2, 739, 868		2, 739, 868	2, 762, 102	25—	1: 2, 728, 790	1: 2, 728, 790	2, 730, 786	2, 748, 446	
252: 2, 739, 876	2, 740, 098		2, 740, 098	150: 2, 765, 510	2, 750, 646	2, 750, 646	2, 750, 646	2, 744, 306	2, 748, 447	
2, 740, 696	2, 741, 547		2, 741, 547	2, 767, 451	14: 2, 763, 046	14: 2, 763, 046	14: 2, 763, 046	2, 760, 230	2, 755, 534	
253: 2, 750, 228	2, 743, 998		2, 743, 998	152: 2, 759, 236	15: 2, 749, 589	15: 2, 749, 589	15: 2, 749, 589	2, 738, 534	2, 763, 914	
2, 753, 247	2, 744, 813		2, 744, 813	153: 2, 749, 589	16: 2, 775, 015	16: 2, 775, 015	16: 2, 775, 015	2, 731, 702	2, 770, 026	
2, 763, 534	2, 745, 722		2, 745, 722	2, 750, 642	21: 2, 734, 245	21: 2, 734, 245	21: 2, 734, 245	2, 731, 703	75: 2, 730, 790	
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2, 773, 747	2, 747, 975		2, 747, 975	156: 2, 748, 438	2, 734, 247	2, 734, 247	2, 734, 247	2, 758, 355	2, 771, 660	
254: 2, 746, 845	2, 747, 976		2, 747, 976	2, 751, 655	27: 2, 770, 025	27: 2, 770, 025	27: 2, 770, 025	2, 733, 498	78: 2, 740, 184	
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2, 756, 128	2, 753, 249		2, 753, 249	157: 2, 731, 692	2, 772, 465	2, 772, 465	2, 772, 465	2, 738, 293	2, 747, 252	
2, 767, 064	2, 755, 174		2, 755, 174	2, 773, 292	2, 772, 466	2, 772, 466	2, 772, 466	2, 765, 514	2, 748, 448	
255: 2, 741, 544	2, 760, 851		2, 760, 851	158: 2, 747, 248	2, 731, 698	2, 731, 698	2, 731, 698	2, 754, 665	2, 757, 435	
2, 743, 167	2, 761, 769		2, 761, 769	2, 772, 462	2, 734, 248	2, 734, 248	2, 734, 248	2, 759, 239	2, 757, 436	
2, 745, 721	2, 767, 066		2, 767, 066	164: 2, 750, 643	2, 748, 442	2, 748, 442	2, 748, 442	2, 763, 049	2, 747, 437	
2, 749, 221	2, 768, 882		2, 768, 882	170: 2, 751, 656	36: 2, 751, 657	36: 2, 751, 657	36: 2, 751, 657	2, 747, 250	2, 766, 506	
2, 751, 281	2, 769, 695		2, 769, 695	176: 2, 729, 867	38: 2, 756, 479	38: 2, 756, 479	38: 2, 756, 479	2, 773, 296	2, 768, 420	
2, 757, 076	2, 772, 147		2, 772, 147	178: 2, 735, 152	2, 758, 352	2, 758, 352	2, 758, 352	2, 750, 649	79: 2, 774, 127	
259: 2, 756, 129	2, 775, 512		2, 775, 512	2, 757, 427	39: 2, 751, 658	39: 2, 751, 658	39: 2, 751, 658	2, 746, 117	2, 774, 128	
2, 773, 748	2, 767, 067		2, 767, 067	191: 2, 767, 453	2, 754, 562	2, 754, 562	2, 754, 562	2, 750, 650	2, 774, 129	
2, 774, 653	301: 2, 759, 803		2, 759, 803	193: 2, 769, 220	2, 762, 104	2, 762, 104	2, 762, 104	2, 755, 533	80: 2, 750, 652	
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2, 741, 545	302: 2, 739, 044		2, 739, 044	196: 2, 728, 966	41: 2, 731, 699	41: 2, 731, 699	41: 2, 731, 699	2, 758, 356	2, 771, 661	
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260: 2, 739, 043	2, 773, 752		2, 773, 752	201: 2, 736, 079	2, 772, 467	2, 772, 467	2, 772, 467	2, 736, 082	2, 775, 022	
2, 739, 877	308: 2, 731, 332		2, 731, 332	2, 750, 644	42: 2, 752, 656	42: 2, 752, 656	42: 2, 752, 656	2, 756, 156	2, 759, 240	
2, 760, 263	309: 2, 739, 045		2, 739, 045	2, 764, 793	43: 2, 734, 249	43: 2, 734, 249	43: 2, 734, 249	2, 771, 658	2, 748, 449	
2, 767, 065	310: 2, 729, 549		2, 729, 549	204: 2, 778, 499	45: 2, 741, 007	45: 2, 741, 007	45: 2, 741, 007	2, 771, 658	2, 748, 449	
262: 2, 744, 812	2, 729, 550		2, 729, 550	205.1: 2, 738, 560	54: 2, 727, 430	54: 2, 727, 430	54: 2, 727, 430	2, 752, 657	2, 762, 108	
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263: 2, 768, 070	2, 739, 046		2, 739, 046	2, 746, 114	88: 2, 755, 342	88: 2, 755, 342	88: 2, 755, 342	2, 753, 613	1: 2, 744, 307	
264: 2, 743, 169	2, 746, 848		2, 746, 848	2, 753, 699	105: 2, 760, 238	105: 2, 760, 238	105: 2, 760, 238	2, 763, 049	2, 744, 307	
2, 747, 972	2, 767, 068		2, 767, 068	2, 775, 012	108: 2, 731, 784	108: 2, 731, 784	108: 2, 731, 784	2, 763, 049	2, 744, 307	
266: 2, 761, 768	311: 2, 772, 953		2, 772, 953	2, 748, 440	2, 731, 784	2, 731, 784	2, 731, 784	2, 763, 049	2, 744, 307	
269: 2, 764, 473	312: 2, 753, 250		2, 753, 250	2, 752, 655	2, 741, 821	2, 741, 821	2, 741, 821	2, 763, 049	2, 744, 307	
270: 2, 733, 136	313: 2, 773, 737		2, 773, 737	2, 753, 699	2, 745, 165	2, 745, 165	2, 745, 165	2, 763, 049	2, 744, 307	
2, 764, 474	314: 2, 771, 547		2, 771, 547	2, 764, 794	2, 737, 431	2, 737, 431	2, 737, 431	2, 763, 049	2, 744, 307	
270.5: 2, 729, 544	1: 2, 745, 155		2, 745, 155	206: 2, 738, 561	2, 764, 794	2, 764, 794	2, 764, 794	2, 763, 049	2, 744, 307	
2, 729, 545	5: 2, 728, 964		2, 728, 964	2, 741, 821	2, 737, 431	2, 737, 431	2, 737, 431	2, 763, 049	2, 744, 307	
2, 731, 331	10: 2, 765, 509		2, 765, 509	2, 764, 795	2, 764, 795	2, 764, 795	2, 764, 795	2, 763, 049	2, 744, 307	
2, 740, 697	20: 2, 751, 651		2, 751, 651	2, 770, 024	2, 767, 431	2, 767, 431	2, 767, 431	2, 763, 049	2, 744, 307	
2, 742, 348	22: 2, 736, 078		2, 736, 078	207: 2, 757, 428	2, 772, 468	2, 772, 468	2, 772, 468	2, 763, 049	2, 744, 307	
2, 743, 170	23: 2, 746, 107		2, 746, 107	211: 2, 739, 361	2, 775, 017	2, 775, 017	2, 775, 017	2, 763, 049	2, 744, 307	
2, 752, 229	24: 2, 759, 233		2, 759, 233	213: 2, 740, 179	120: 2, 749, 591	120: 2, 749, 591	120: 2, 749, 591	2, 734, 252	23: 5: 2, 757, 438	
2, 754, 170	26: 2, 773, 291		2, 773, 291	2, 745, 159	121: 2, 732, 605	121: 2, 732, 605	121: 2, 732, 605	2, 751, 661	24: 5: 2, 769, 223	
2, 759, 800	27: 2, 728, 965		2, 728, 965	2, 754, 561	2, 738, 353	2, 738, 353	2, 738, 353	2, 758, 357	25: 1: 2, 762, 181	
2, 759, 801	30: 2, 735, 140		2, 735, 140	2, 758, 350	2, 768, 490	2, 768, 490	2, 768,			



29-25.35: 2,752,662	29-155.5: 2,747,257	29- 195: 2,757,445	29- 413: 2,766,616	29- 475: 2,761,208	30- 6.1: 2,761,210
2,759,241	2,750,657	2,763,919	415: 2,749,603	477.7: 2,741,831	6.3: 2,741,836
2,763,050	2,751,665	195.5: 2,770,870	417: 2,740,190	480: 2,730,799	6.4: 2,736,091
2,768,421	2,753,619	106.1: 2,759,249	2,742,690	2,742,691	7,239,378
25.42: 2,729,878	2,756,485	2,764,805	2,747,266	2,766,517	8.5: 2,751,679
2,731,706	2,757,443	2,769,227	2,747,267	481: 2,754,576	9: 2,728,983
2,738,567	2,761,197	2,770,630	2,760,259	482: 2,732,618	10: 2,755,172
2,752,663	2,762,113	2,770,871	2,761,202	483: 2,740,193	10: 2,750,520
2,753,616	2,763,052	196.2: 2,735,163	2,774,135	488: 2,735,170	16: 2,770,876
2,765,517	2,768,424	2,773,302	2,767,268	2,763,058	16: 2,740,194
2,766,510	2,771,063	196.3: 2,729,881	2,768,429	2,770,033	2,750,662
33: 2,743,502	155.55: 2,763,916	2,765,520	419: 2,761,203	491: 2,745,515	2,754,582
2,743,503	2,734,257	2,742,887	420: 2,740,191	493: 2,741,832	2,753,055
2,745,167	2,739,369	2,770,872	420.5: 2,749,604	494: 2,774,136	2,735,175
2,746,124	2,739,370	2,752,667	2,756,492	495: 2,756,497	24: 2,743,519
2,754,566	2,745,161	2,755,537	2,757,446	496: 2,774,137	28: 2,739,379
2,761,195	2,748,452	197: 2,741,018	2,771,667	497.5: 2,753,623	2,753,626
2,770,867	2,753,620	2,746,136	2,748,461	503: 2,770,875	2,774,138
33.5: 2,774,130	2,768,425	2,770,931	423: 2,731,713	505: 2,748,462	29.5: 2,759,259
34: 2,763,051	155.57: 2,739,371	197.5: 2,742,688	2,734,262	508: 2,752,674	30: 2,731,716
35.5: 2,773,298	2,743,508	198: 2,763,920	2,768,430	509: 2,761,209	31: 2,731,717
38: 2,745,168	2,754,569	2,763,921	2,771,668	513: 2,760,262	2,744,516
43: 2,728,974	2,768,426	199: 2,771,666	424: 2,756,493	514: 2,764,809	2,745,175
44: 2,735,161	2,771,064	2,772,121	2,756,494	515: 2,759,256	2,746,144
46: 2,748,451	155.58: 2,751,666	2,772,121	2,761,204	517: 2,765,527	2,750,663
47: 2,739,368	2,764,806	200: 2,751,669	2,762,115	521: 2,766,518	34: 2,749,613
2,746,125	156.4: 2,734,258	202: 2,735,164	2,763,054	522: 2,762,117	2,750,664
2,767,458	2,746,132	203: 2,743,512	2,765,524	523: 2,729,884	2,766,521
2,769,224	2,752,664	2,734,260	426: 2,752,671	528: 2,729,886	40: 2,729,886
2,773,299	2,759,245	2,740,189	427: 2,731,714	528: 2,746,142	2,734,264
68: 2,754,567	156.6: 2,769,226	2,760,259	428: 2,734,262	523: 2,753,624	2,741,837
2,774,131	2,748,453	205: 2,729,882	2,759,253	523: 2,748,463	2,741,838
69: 2,729,879	156.68: 2,741,017	2,760,258	2,759,254	525: 2,728,981	2,747,693
2,746,126	2,731,708	2,735,165	2,763,925	526: 2,763,059	2,744,518
2,757,441	156.8: 2,730,794	2,736,087	2,768,431	526: 2,768,434	2,757,449
70: 2,767,459	2,738,571	2,755,538	2,769,230	527: 2,749,609	2,771,671
2,771,662	157: 2,739,372	2,765,521	2,749,601	527: 2,755,542	41: 2,729,887
73: 2,747,255	2,743,509	207: 2,749,602	2,731,673	528: 2,766,519	2,747,273
2,759,242	2,748,454	213: 2,744,310	2,771,669	528: 2,743,516	43: 2,734,265
2,764,801	2,751,667	2,754,574	430: 2,757,447	528: 2,743,517	2,734,266
78: 2,768,422	2,754,570	215: 2,741,020	431: 2,749,605	529: 2,754,579	2,739,380
2,769,225	2,759,246	223: 2,763,922	2,768,432	529: 2,759,257	2,742,694
2,772,471	2,760,255	224: 2,747,262	2,740,192	529: 2,768,433	2,757,450
79: 2,738,568	2,762,114	229: 2,741,829	2,749,606	530: 2,746,143	2,758,370
80: 2,743,504	2,764,803	2,760,258	2,750,660	530: 2,775,030	2,771,672
81: 2,730,791	2,767,460	235: 2,741,021	433: 2,734,263	533: 2,728,982	2,773,306
2,746,127	157: 2,728,976	2,761,199	2,735,167	534: 2,747,270	47: 2,755,549
90: 2,732,612	2,756,486	237: 2,739,373	435: 2,758,366	534: 2,764,810	49: 2,735,174
2,734,255	2,766,513	240: 2,744,311	446: 2,738,567	534: 2,764,811	50: 2,741,839
93: 2,748,428	157.1: 2,771,065	2,756,490	447: 2,761,205	535: 2,748,464	50: 2,753,627
95: 2,730,792	157.3: 2,731,709	240.5: 2,767,465	450: 2,739,374	535: 2,748,465	60.5: 2,729,888
2,768,423	2,732,615	2,769,229	2,756,495	535: 2,748,466	2,748,467
95.1: 2,730,793	2,734,259	244: 2,741,022	2,759,255	535: 2,752,675	2,753,628
2,754,568	2,740,188	245: 2,748,457	2,763,055	535: 2,755,545	2,754,583
2,770,027	2,747,268	2,755,539	451: 2,746,138	535: 2,759,258	2,762,121
2,770,028	2,749,609	249: 2,742,689	452: 2,728,978	538: 2,741,833	2,766,522
96: 2,734,256	2,754,572	250: 2,765,522	2,730,797	539: 2,743,518	2,769,232
97.5: 2,753,617	2,756,487	252: 2,733,616	453: 2,735,168	539: 2,765,528	2,775,031
103: 2,738,569	2,759,247	255: 2,743,517	454: 2,734,264	540: 2,739,376	2,742,685
2,753,618	2,759,248	2,764,806	2,763,056	543: 2,751,677	2,768,436
105: 2,751,663	2,766,514	254: 2,774,133	453: 2,757,448	543: 2,738,574	2,771,673
2,758,363	2,773,301	256: 2,744,312	454: 2,741,024	543: 2,738,575	65: 2,748,468
2,761,196	157.5: 2,754,573	258: 2,772,473	2,760,260	547: 2,749,610	66: 2,744,519
116: 2,741,013	2,767,462	265: 2,765,540	455: 2,745,173	548: 2,741,834	68: 2,748,469
2,749,599	157.6: 2,748,455	268: 2,755,541	2,746,139	548: 2,742,692	69: 2,769,233
2,758,364	159: 2,730,795	270: 2,736,088	2,747,269	548: 2,754,580	74.1: 2,766,523
2,773,300	160.6: 2,747,259	273: 2,770,873	2,752,672	549: 2,738,576	89: 2,748,470
123: 2,750,656	177: 2,761,198	280: 2,748,458	2,756,496	550: 2,771,670	91: 2,755,175
128: 2,770,868	182: 2,752,665	283: 2,728,977	2,775,028	550: 2,758,369	2,750,665
130: 2,741,014	2,752,666	284: 2,731,712	456: 2,749,607	552: 2,738,569	2,752,676
148.4: 2,741,015	2,768,427	2,747,263	458: 2,728,980	553: 2,733,603	2,761,211
2,741,826	182.1: 2,729,880	2,748,459	460: 2,735,169	553: 2,744,515	97: 2,747,274
2,744,309	182.2: 2,770,029	275,261	460: 2,736,089	554: 2,748,466	2,769,234
2,751,664	2,775,024	2,774,134	462: 2,765,526	554: 2,750,661	2,769,235
2,759,243	182.5: 2,747,260	2,730,796	463: 2,749,608	555: 2,755,546	100: 2,761,212
2,762,112	2,760,256	287: 2,730,796	463: 2,751,674	556: 2,754,581	101: 2,739,381
2,765,518	2,760,257	288: 2,729,883	463: 2,751,675	558: 2,747,271	2,747,275
2,766,512	2,763,919	289: 2,765,541	470.1: 2,736,090	558: 2,765,529	102: 2,734,267
2,770,869	182.7: 2,731,710	2,767,463	470.5: 2,738,572	559: 2,766,523	2,739,382
2,774,132	2,736,086	2,752,668	471.1: 2,746,140	560: 2,767,466	2,743,520
2,778,975	182.8: 2,731,711	402: 2,751,671	471.5: 2,744,314	561: 2,755,547	106: 2,743,521
149.5: 2,732,613	183.5: 2,756,488	403: 2,752,669	471.7: 2,769,231	562: 2,755,548	2,764,812
2,738,570	187.5: 2,737,444	406: 2,732,612	472.1: 2,763,923	6.1: 2,733,504	2,765,530
2,741,016	190: 2,764,804	2,765,542	472.2: 2,739,378	6.1: 2,733,505	107: 2,731,718
2,747,256	191.2: 2,741,828	407: 2,735,166	472.9: 2,759,252	6.1: 2,733,506	112: 2,759,260
2,747,257	2,746,134	408: 2,744,313	473.1: 2,760,261	6.1: 2,733,507	114: 2,730,801
2,747,258	193.5: 2,745,172	409: 2,775,027	473.3: 2,746,141	6.1: 2,733,508	115: 2,740,035
2,748,454	194: 2,756,489	410: 2,743,513	474.3: 2,761,202	6.1: 2,733,509	116: 2,759,261
2,758,365	2,767,464	413: 2,741,023	475: 2,730,798	6.1: 2,733,510	121: 2,745,176
2,759,244	195: 2,746,135			6.1: 2,733,511	123: 2,748,471
2,763,915				6.1: 2,733,512	2,765,531
2,765,519				6.1: 2,733,513	2,770,877
2,767,461				6.1: 2,733,514	126: 2,757,451
2,768,427				6.1: 2,733,515	128: 2,747,694
2,769,231				6.1: 2,733,516	129: 2,730,802
2,770,029				6.1: 2,733,517	130: 2,756,498
2,770,030				6.1: 2,733,518	131: 2,760,264
2,770,031				6.1: 2,733,519	132: 2,747,276

30—	133: 2,748,472	30—	304: 2,772,476	33—	1: 2,736,094	33—	91: 2,735,184	33—	172: 2,736,101	33—	190: 2,741,852
	134: 2,773,032		307: 2,736,092		2,736,095		93: 2,728,990		2,738,588		191: 2,748,491
	135: 2,741,841		309: 2,757,454		2,738,584		94: 2,744,332		2,741,032		194: 2,748,492
	138: 2,744,320		317: 2,759,263		2,744,328		107: 2,736,097		2,747,289		2,771,688
	139: 2,748,473		320: 2,732,620		2,746,151		109: 2,771,679		2,750,675		2,729,895
	140: 2,765,531		323: 2,738,581		2,748,485		121: 2,750,671		2,755,557		2,738,582
	142: 2,771,074		328: 2,748,479		2,750,671		112: 2,754,959		2,758,382		2,738,512
	151: 2,741,025		324: 2,741,027		2,750,672		120: 2,735,185		2,759,270		2,733,518
	161: 2,728,984		2,751,683		2,753,633		126: 2,735,185		2,770,885		2,731,730
	2,774,139		2,752,678		2,762,123		127: 2,775,037		2,771,694		2,736,102
162:	2,735,176	329:	2,741,028	3:	2,738,376	121:	2,763,065	173:	2,763,065		2,736,103
	2,754,584		2,751,684	8:	2,734,270	122:	2,748,487	174:	2,771,688		2,741,035
164:	2,731,719	331:	2,758,373	9:	2,767,471	125:	2,730,807		2,728,994		2,745,188
164.9:	2,735,177	336:	2,752,679	10:	2,763,062		2,731,725		2,729,894		2,749,424
	2,735,178	339:	2,746,147	10:	2,728,987		2,747,284		2,730,808		2,762,131
	2,748,474	342:	2,743,524	16:	2,750,671		2,758,445		2,753,513		2,767,985
167:	2,730,803	355:	2,750,669	16:	2,762,124	126:	2,727,829		2,733,514		2,767,482
	2,748,475		2,753,632	18:	2,744,329	126.4:	2,771,680		2,733,515		2,770,550
	2,748,476	357:	2,760,266	21:	2,746,152	126.6:	2,774,596		2,735,187		2,755,559
	2,770,039	31—	2,728,980	21:	2,729,891	127:	2,767,474		2,739,389		2,768,450
168:	2,735,179	8:	2,770,038	23:	2,728,988	126.7:	2,738,587		2,746,157		2,736,104
	2,757,452	20:	2,770,039		2,766,528	129:	2,742,703		2,746,158		2,738,585
169:	2,756,499	48:	2,774,140	25:	2,729,892		2,752,656		2,746,159		2,741,856
	2,769,236	49:	2,744,325		2,734,271		2,767,486		2,747,290		2,729,896
200:	2,755,550	89:	2,746,847		2,749,617		2,762,129		2,765,540		2,738,586
186:	2,740,196	32—	2,732,621		2,766,529		2,762,129		2,748,490		2,732,626
	2,745,177		2,740,199	26:	2,762,125		2,742,704		2,752,689		2,730,813
	2,746,145		2,741,845	27:	2,734,272		2,747,285		2,752,690		2,734,278
193:	2,734,268		2,746,148		2,745,181		2,752,691		2,752,691		2,734,278
194:	2,773,307		2,755,552		2,746,153		2,763,065		2,753,634		2,741,853
195:	2,758,371		2,768,440		2,752,683	134:	2,739,386		2,756,508		2,747,293
200:	2,747,277		2,770,880		2,763,928		2,739,387		2,756,509		2,770,051
	2,768,438		2,771,675		2,764,816		2,747,286		2,756,510		2,746,162
201:	2,731,720	3:	2,752,680		2,768,448		2,756,506		2,761,217		2,747,294
202:	2,752,677	4:	2,770,881	28:	2,732,623	137:	2,742,705		2,763,066		2,762,132
206:	2,757,453	5:	2,748,480	31:	2,762,126		2,738,580		2,763,936		2,733,519
208:	2,748,477	6:	2,774,141	32:	2,747,279		2,765,535		2,765,538		2,745,189
210:	2,741,026	8:	2,738,582	32:	2,747,280		2,770,883		2,766,532		2,766,511
	2,753,629		2,766,527		2,760,674	139:	2,756,507		2,767,477		2,770,887
	2,755,551		2,775,035	34:	2,744,330	141:	2,733,511		2,768,449		2,775,044
211:	2,756,500	10:	2,742,700	36:	2,755,553		2,741,031		2,775,039		2,745,189
	2,768,439		2,745,180	42:	2,736,505		2,747,287		2,775,039		2,742,707
212:	2,738,579		2,746,149	42:	2,763,929		2,771,681		2,775,040		2,746,163
215:	2,741,842	12:	2,744,326	46:	2,742,702	141.5:	2,749,619		2,741,033		2,756,528
215:	2,766,524		2,770,040		2,748,486	143:	Re.24,224		2,742,706		2,766,528
218:	2,750,666	14:	2,739,388		2,755,554		2,741,846		2,759,271		2,767,488
219:	2,751,680		2,756,502		2,760,270		2,746,156		2,760,809		2,767,488
220:	2,763,929		2,759,265		2,766,530		2,770,045		2,731,727		2,770,886
228:	2,731,721		2,767,469		2,767,472		2,770,046		2,733,516		2,752,692
	2,733,506		2,768,441		2,771,678		2,774,144		2,735,188		2,755,560
	2,740,197		2,775,036		2,773,309		2,728,991		2,741,850		2,750,677
	2,742,697	17:	2,733,508	40.5:	2,752,684	147:	2,734,275		2,744,333		2,760,678
	2,750,667		2,758,374		2,772,479		2,735,186		2,745,184		2,752,697
	2,763,060	19:	2,738,583	47:	2,741,029		2,736,099		2,746,160		2,755,561
	2,764,813		2,746,150	50:	2,738,585		2,748,488		2,755,558		2,748,494
	2,766,525		2,752,681		2,739,384		2,749,620		2,758,383		2,746,166
229:	2,751,681		2,755,553		2,743,525		2,763,067		2,763,067		2,770,889
233:	2,751,682		2,758,375		2,743,526		2,758,387		2,766,533		2,741,854
237:	2,742,698		2,760,267		2,745,182		2,761,216		2,767,478		2,759,272
	2,744,321		2,773,308		2,763,930		2,763,933		2,771,685		2,747,295
240:	2,767,468	23:	2,732,622		2,767,473		2,763,934		2,771,686		2,729,897
241:	2,780,265		2,764,815		2,769,239		2,765,536		2,771,687		2,742,698
245:	2,745,178	27:	2,752,682		2,773,310		2,769,241		2,731,728		2,746,167
249:	2,744,322	28:	2,731,722		2,774,142		2,769,242		2,735,189		2,776,044
	2,753,630	32:	2,731,723	51:	2,730,806		2,770,047		2,741,034		2,746,165
250:	2,749,614		2,748,481	52:	2,762,127		2,771,682		2,767,479		2,755,562
	2,775,033		2,754,588	56:	2,747,281		2,772,481		2,730,809		2,761,219
251:	2,744,323		2,754,589		2,770,041		2,773,311		2,770,048		2,770,890
	2,766,526		2,763,061		2,774,143		2,774,145		2,775,041		2,765,541
253:	2,743,522		2,765,533	58:	2,744,331		2,773,312		2,775,042		2,775,045
254:	2,765,532		2,768,442	60:	2,763,931		2,734,276		2,744,334		2,738,589
	2,769,237		2,772,477		2,763,932		2,749,622		2,749,623		2,735,191
258:	2,747,278	33:	2,742,701		2,758,377		2,749,621		2,760,272		2,739,390
260:	2,738,372	40:	2,731,724	62:	2,754,593		2,767,475		2,767,480		2,739,391
262:	2,749,615		2,748,482	64:	2,734,277		2,767,476		2,770,886		2,731,731
265:	2,728,985		2,760,268	67:	2,747,282		2,768,440		2,772,494		2,751,687
266:	2,741,843	48:	2,748,483	69:	2,772,480		2,768,441		2,775,042		2,730,814
268:	2,741,844	50:	2,751,685		2,746,154		2,768,442		2,775,043		2,770,552
271:	2,744,324		2,772,478		2,746,155		2,772,482		2,769,243		2,770,553
272:	2,746,146	58:	2,730,804	70:	2,734,594	149:	2,758,381	181:	2,745,185		2,770,554
	2,759,262		2,759,265	72:	2,758,378		2,772,482		2,765,539		2,770,555
	2,763,926	59:	2,735,181	73:	2,762,128	153:	2,739,388		2,774,147		2,764,819
273:	2,767,477		2,744,327	74:	2,755,555		2,740,201	183:	2,758,384		Re.24,200
276:	2,738,580		2,757,455	75:	2,735,182		2,747,288		2,745,186		2,739,392
	2,740,198	60:	2,754,590		2,736,096		2,741,847	184.5:	2,745,187		2,739,393
277:	2,754,585		2,767,470		2,745,183		2,741,848		2,767,481		2,731,732
280:	2,742,699	62:	2,771,676		2,755,556		2,741,849		2,769,244		2,740,202
	2,770,878	63:	2,749,616		2,761,213		2,759,268		2,770,049		2,744,336
283:	2,735,180		2,771,677		2,763,933		2,765,537		2,772,483		2,750,679
	2,756,501	67:	2,759,264		2,770,042		2,772,483		2,773,310		2,763,069
	2,729,889	68:	2,748,484		2,759,267		2,773,311		2,774,146		2,738,586
	2,743,523		2,754,591	77:	2,734,277		2,773,312		2,775,044		2,766,534
287:	2,733,507	70:	2,733,509		2,768,444		2,774,147		2,775,045		2,736,105
289:	2,748,478		2,754,592		2,747,283		2,775,046		2,775,046		2,736,106
293:	2,770,879	71:	2,730,805		2,732,624		2,775,047		2,775,047		2,736,107
	2,772,474		2,750,670		2,733,506		2,775,048		2,775,048		2,736,108
294:	2,750,698		2,756,504		2,738,589		2,775,049		2,775,049		2,736,109
	2,764,814		2,760,269		2,761,214		2,775,050		2,775,050		2,736,110
	2,775,034		2,765,534		2,769,240		2,775,051		2,775,051		2,736,111
296:	2,753,631		2,770,882		2,770,882		2,775,052		2,775,052		2,736,112
298:	2,772,475	33—	1:		2,738,586		2,775,053		2,775,053		2,736,113
300:	2,754,586										



34—	45: 2,743,533	35—	12: 2,770,054	36—	15: 2,750,685	37—	53: 2,768,454	38—	59: 2,729,903	40—	20: 2,733,527
	2,744,337		13: 2,741,037		22: 2,730,819		2,772,490		60: 2,740,215		23: 2,756,525
	2,775,047		16: 2,760,275		2,735,196		2,773,818		66: 2,743,541		21: 2,768,458
46:	2,773,312		17: 2,752,697	24.5:	2,732,635		54: 2,731,741		28: 2,746,182		22: 2,732,704
48:	2,732,627		2,763,070		2,742,718		58: 2,763,940		71: 2,748,511		2,755,577
	2,771,690		19: 2,746,172		2,734,287		67: 2,762,186		72: 2,744,181	31:	2,729,006
	2,773,313		22: 2,750,683		2,747,302		77: 2,763,548		77: 2,729,904		2,754,605
50:	2,732,628		2,774,150	34	2,741,858		2,748,504		2,741,044		2,766,538
51:	2,746,168		2,730,816		2,752,698		2,751,698		2,742,721	32:	2,730,826
53:	2,758,387		2,769,249		2,767,488		2,772,491		2,744,342		2,734,295
	2,761,220		2,743,535		2,767,489		2,753,637		2,744,343	33:	2,733,528
54:	2,758,388		2,747,298	35:	2,738,690		2,747,307		2,744,344		2,749,260
	2,767,484		2,757,459		2,770,892		2,750,087		2,746,183	36:	2,729,007
57:	2,728,995	28.3:	2,729,898		2,771,692		2,763,941		2,749,632		2,770,899
	2,750,681		2,748,498	36:	2,730,820		2,746,180		2,749,633	39:	2,766,530
	2,769,245		2,741,223		2,734,288		2,748,505		2,750,690	52:	2,731,745
58:	2,741,857		31: 2,751,690		2,751,694		2,730,821		2,750,691		2,770,061
	2,744,338		33: 2,764,822	38:	2,760,280		2,762,137		2,750,692	53:	2,765,552
60:	2,731,733		34: 2,738,504	39:	2,751,695		2,748,506		2,750,693	65:	2,770,900
	2,752,694	35:	2,728,997	44:	2,736,100		2,755,571		2,750,694	68:	2,751,700
66:	2,733,520		2,735,193		2,748,502		2,762,188		2,750,695		2,774,157
	2,745,191		2,756,515		2,767,490		2,748,507		2,755,574	70:	2,758,514
68:	2,746,169		2,749,626	46.5:	2,749,177		2,752,700		2,757,464		2,771,894
72:	2,762,133		2,758,393	51.5:	2,770,055		2,740,211		2,757,465		2,773,823
76:	2,731,734		2,765,543	55.5:	2,775,049		2,770,057		2,761,228		2,774,158
	2,742,708	36:	2,730,817		2,729,900		2,743,539		2,762,143	72:	2,755,578
	2,755,563		2,760,276		2,736,110		2,748,508		2,763,075		2,756,113
77:	2,758,389		2,749,627		2,741,039		2,756,521		2,763,046	76:	2,769,260
79:	2,764,820	39:	2,754,597		2,746,178		2,773,819		2,768,455		2,770,901
80:	2,738,592	44:	2,755,565		2,749,629		2,761,227		2,769,257	86:	2,734,296
82:	2,751,688	49:	2,738,595	59:	2,740,208		2,770,895		2,773,821		2,752,705
	2,769,246	48:	2,735,194		2,738,696		2,742,719		2,773,822		2,757,466
85:	2,752,695		2,743,536		2,774,151		2,760,284		2,774,156		2,764,826
87:	2,734,281		2,760,277	62:	2,741,040		2,759,276		2,770,896	78:	2,770,896
	2,739,393	50:	2,745,195	68:	2,734,289		2,763,942		2,773,824		93: 2,764,827
	2,768,451	51:	2,765,544		2,738,690		2,769,256		2,775,575	102:	2,752,707
90:	2,738,593	53:	2,748,499	71:	2,732,636		2,773,820		2,775,576		2,755,577
	2,740,203	62:	2,740,206		2,748,503		2,774,154		2,775,575	91:	2,774,159
	2,747,296	67:	2,763,937		2,749,628		2,780,822		2,779,900	93:	2,729,004
	2,769,247	70:	2,748,500		2,754,599		2,747,308		2,764,825	107:	2,774,161
91:	2,773,314	73:	2,768,452		2,755,568		2,752,701		2,759,278		2,767,496
92:	2,742,709	74:	2,747,299		2,755,569		2,729,901		2,750,696	108:	2,768,459
	2,745,192	1:	2,751,691		2,769,281		2,729,001		2,763,083	111:	2,755,581
102:	2,745,193		2,754,598		2,762,134		2,729,902		2,743,542		2,757,467
103:	2,761,221	2.5:	2,728,998		2,765,546		2,738,602		2,750,697		2,770,902
104:	2,731,735		2,757,460		2,769,255		2,739,395		2,762,144	105:	2,774,160
107:	2,748,495		2,734,284		2,774,152		2,740,212		2,764,803	112:	2,764,828
109:	2,746,170		2,742,715	72:	2,746,179		2,752,702		2,739,396	115:	2,748,515
123:	2,732,629		2,742,716		2,747,303		2,762,139		2,729,905		2,760,588
127:	2,742,710		2,745,197		2,747,304		2,772,492		2,738,604	117:	2,767,497
133:	2,748,496		2,745,198		2,760,282		2,732,639		2,746,181	121:	2,769,261
138:	2,755,564		2,746,176		2,763,938		2,763,943		2,748,512	122:	2,731,746
	2,774,148		2,750,684		2,772,489		2,763,944		2,760,286		2,755,582
147:	2,742,711		2,757,461	77:	2,740,209		2,733,525		2,767,493	124:	2,738,605
	2,758,391		2,758,394		2,756,519		2,734,292		2,772,493		2,755,583
149:	2,752,696		2,780,278	78:	2,750,686		2,735,200		2,746,185	123:	2,746,185
151:	2,759,273		2,767,487		2,753,696		2,735,200		2,766,537		2,766,537
156:	2,736,106		2,772,488		2,754,600		2,749,630		2,770,897	124:	2,770,897
158:	2,731,736		2,773,316		2,762,135		2,740,212		2,775,576	31:	2,742,722
159:	2,772,486	3:	2,741,038	37—	2,732,637		2,753,638		2,739,396	74:	2,768,456
160:	Re.24,144		2,765,545	1:	2,731,738		2,755,573		2,746,186	137:	2,756,524
	2,736,107		2,769,250	2:	2,732,637		2,756,522		2,744,045	138:	2,746,186
163:	2,769,248		2,769,250	1:	2,734,280		2,764,824		2,744,045	139:	2,729,005
164:	2,742,712	4:	2,728,999		2,735,197		2,766,536		2,744,045	140:	2,744,045
166:	2,759,274	4.5:	2,738,596		2,738,601		2,766,536		2,744,045	5:	2,738,399
168:	2,748,497	7.1:	2,729,899		2,741,041		2,747,309		2,762,145	6:	2,735,202
	2,756,514	7.2:	2,759,275		2,747,305		2,763,073		2,741,859	7:	2,764,809
174:	Re.24,211	7.3:	2,763,635		2,751,696		2,774,155		2,764,809	31:	2,742,722
	2,732,630		2,756,516		2,755,570		2,770,058		2,768,456	75:	2,769,259
200:	2,740,204	7.5:	2,747,300		2,760,283		2,766,535		2,769,259	84:	2,731,744
	2,745,534	7.7:	2,746,174		2,766,535		2,770,058		2,769,259	87:	2,770,060
	2,772,487	8.3:	2,739,394		2,771,693		2,760,285		2,769,259	91:	2,767,494
202:	2,734,282		2,746,175	4:	2,743,537		2,740,214		2,748,509	150:	2,762,140
	2,761,222	8.5:	2,730,818	10:	2,761,226		2,749,631		2,762,146	159:	2,762,140
205:	2,767,485		2,733,522	13:	2,763,939		2,748,509		2,762,146	160:	2,739,396
209:	2,773,315		2,733,523	21:	2,769,254		2,749,631		2,762,146	168:	2,734,293
212:	2,736,108		2,734,285	36:	2,756,520		2,749,631		2,762,146	169:	2,732,640
218:	2,767,486		2,734,286		2,765,547		2,749,631		2,762,146		2,741,043
	2,770,891		2,740,207		2,765,547		2,749,631		2,762,146	186:	2,748,510
219:	2,732,631		2,740,207		2,765,547		2,749,631		2,762,146	187:	2,758,398
223:	2,735,192		2,741,038		2,765,547		2,749,631		2,762,146	189:	2,731,742
224:	2,733,521		2,741,038		2,765,547		2,749,631		2,762,146		2,732,641
225:	2,750,682		2,741,038		2,765,547		2,749,631		2,762,146	190:	2,729,002
229:	2,758,392		2,763,071		2,765,547		2,749,631		2,762,146		2,757,462
	2,765,542		2,769,251		2,765,547		2,749,631		2,762,146	191:	2,757,462
233:	2,732,632		2,769,252		2,765,547		2,749,631		2,762,146	2:	2,750,277
	2,745,194		2,769,252		2,765,547		2,749,631		2,762,146	7:	2,767,492
	2,746,171	9:	2,732,633		2,765,547		2,749,631		2,762,146	12:	2,731,743
	2,749,625		2,733,523		2,765,547		2,749,631		2,762,146	22:	2,731,743
234:	2,728,996		2,733,523		2,765,547		2,749,631		2,762,146		2,731,743
238:	2,734,283		2,734,285		2,765,547		2,749,631		2,762,146	41:	2,762,142
	2,747,297		2,740,207		2,765,547		2,749,631		2,762,146	52:	2,729,003
35—	8: 2,747,297	10:	2,771,681		2,765,547		2,749,631		2,762,146		2,739,397
	2,747,297	11:	2,738,597		2,765,547		2,749,631		2,762,146		2,750,689
	2,760,274		2,748,501		2,765,547		2,749,631		2,762,146		2,750,689
	2,764,821	11.5:	2,732,634		2,765,547		2,749,631		2,762,146		2,750,689
10.2:	2,730,815		2,738,598		2,765,547		2,749,631		2,762,146		2,750,689
10.4:	2,740,205		2,744,340		2,765,547		2,749,631		2,762,146		2,750,689
	2,744,339		2,755,567		2,765,547		2,749,631		2,762,146		2,750,689
	2,751,689		2,758,395		2,765,547		2,749,631		2,762,146		2,750,689
	2,774,149		2,760,279		2,765,547		2,749,631		2,762,146		2,750,689
11:	2,742,714										

100	132:	2,753,460	41—	42:	2,732,288	43—	11:	2,772,502	43—42.05:	2,734,301	43—43.13:	2,741,863	43—	66:	2,741,061
		2,766,540			2,734,806		12:	2,738,608		2,734,302		2,744,352		69:	2,730,839
		2,769,263			2,739,881			2,739,403		2,758,332		2,747,847			319
135:		2,768,460			2,739,882			2,760,291	42.06:	2,739,405		2,749,651			2,766,555
136:		2,756,528			2,739,883		15:	2,735,207		2,745,206		2,765,573			2,774,177
139:		2,746,188			2,740,609			2,740,197		2,748,522		2,766,548		70:	2,733,544
		2,762,147			2,740,700			2,747,317		2,749,647		2,767,504			2,741,863
		2,769,264			2,741,051			2,755,589		2,766,544		2,769,271		81:	2,741,061
140:		2,745,201			2,744,000			2,774,166		2,769,288	43.14:	2,739,408			2,761,241
142:		2,732,644			2,746,348		16:	2,732,648	42.08:	2,739,406		2,761,238			
		2,755,586			2,746,849			2,740,219	42.09:	2,738,123		2,763,088		83.5:	2,733,544
143:		2,746,189			2,756,131			2,744,351		2,741,057		2,770,909			2,766,555
152:		2,749,636			2,763,536			2,752,716		2,730,701	43.15:	2,759,291			2,774,177
		2,752,712			43: Re. 24,165			2,750,287		2,738,408		2,772,508			2,733,544
152.1:		2,746,190			2,730,435			2,765,566		2,764,884	43.16:	2,760,704			2,741,863
		2,746,191			2,731,333			2,760,543	42.15:	2,739,407		2,733,210			2,741,863
		2,758,402			2,739,047			2,770,906		2,758,409	44.2:	2,755,593			2,766,548
152.2:		2,731,749			2,747,977			2,773,326	42.16:	2,763,953		2,763,086			2,766,548
		2,744,345			2,762,094	46:		2,732,649	42.17:	2,730,702	44.4:	2,735,214			2,766,548
		2,756,529			2,734,298			2,733,532	42.19:	2,754,612		2,741,060		100:	2,731,767
154:		2,772,499			2,754,606			2,741,055		2,774,171		2,765,574			2,755,586
155:		2,731,748	42—	1:	2,772,942			2,783,644	42.2:	2,764,835	44.6:	2,767,505		105:	2,760,285
		2,735,205			2,757,474			2,754,609	42.21:	2,750,703	44.8:	2,745,208		107:	2,770,061
		2,762,148			2,763,081			2,755,590	42.22:	2,755,592		2,756,536		108:	2,746,189
		2,773,324			2,770,904			2,766,147	42.23:	2,766,156	44.82:	2,733,539		113:	2,731,767
156:		2,744,346			2,771,696			2,770,907	42.24:	2,741,058		2,733,540		121:	2,741,061
		2,747,311			2,761,254	16:		2,771,703	42.25:	2,752,700		2,749,652			2,731,767
158:		2,757,471			2,751,702	17:		2,772,503		2,772,504	44.83:	2,732,652		124:	2,770,061
		2,775,050			2,738,403			2,774,167		2,775,055		2,754,615			2,755,586
1—	1:	2,731,750			2,735,557			2,774,168	42.26:	2,765,569	44.87:	2,758,410		127:	2,765,586
		2,731,751			2,735,206	18:		2,775,053	42.27:	2,768,012	44.88:	2,757,059		129:	2,743,544
		2,750,287			2,765,558			2,775,055	42.28:	2,768,013	44.9:	2,729,015			2,755,586
3:		2,760,290			2,749,641	23:		2,757,475	42.29:	2,764,836		2,741,067			2,766,548
4:		2,767,509			2,768,459	25:		2,765,560	42.30:	2,763,954		2,741,864		131:	2,736,122
		2,736,114			2,763,561			2,732,650	42.31:	2,732,650		2,764,837			2,736,122
		2,742,724			2,745,205	50:		2,739,404	42.32:	2,733,535		2,764,838			2,736,122
		2,746,192			2,773,325			2,738,406	42.33:	2,732,651	44.91:	2,741,865			2,736,122
5:		2,738,062			2,774,325			2,739,404	42.34:	2,730,702		2,764,839			2,736,122
		2,741,048			2,754,607	55:		2,738,406		2,740,225		2,764,838			2,736,122
		2,745,302			2,729,011			2,761,235		2,763,570		2,764,838			2,736,122
		2,756,530			2,735,529	67:		2,765,567	42.35:	2,735,209		2,754,616			2,736,122
		2,763,949			2,768,402	69:		2,768,402	42.36:	2,765,572	44.95:	2,767,506			2,736,122
5.5:		2,750,699			2,763,561			2,770,082	42.37:	2,754,613	44.97:	2,758,411			2,736,122
		2,758,641			2,763,562	17.5:		2,738,609	42.38:	2,760,293		2,764,838			2,736,122
7:		2,740,217			2,742,726	17.6:		2,754,610	42.39:	2,768,466		2,763,090			2,736,122
		2,744,347			2,742,727			2,729,012	42.40:	2,768,465	44.98:	2,764,839			2,736,122
9:		2,738,007			2,775,051	18:		2,729,012	42.41:	2,767,505		2,764,839			2,736,122
		2,762,149			2,747,312	71:		2,742,728	42.42:	2,767,504		2,764,839			2,736,122
		2,762,150			2,753,642			2,749,643	42.43:	2,760,294		2,766,549			2,736,122
		2,762,151			2,763,561			2,759,288	42.44:	2,769,289	44.99:	2,773,325			2,736,122
10:		2,763,950			2,766,542	19:		2,765,568	42.45:	2,745,207		2,773,325			2,736,122
		2,730,827			2,771,697	19.2:		2,746,198	42.46:	2,745,207		2,773,325			2,736,122
		2,731,751	74:		2,731,733	20:		2,731,756	42.47:	2,745,207	53.5:	2,773,325			2,736,122
		2,736,115			2,754,608			2,752,717	42.48:	2,743,545		2,773,325			2,736,122
		2,742,725			2,767,500			2,752,717	42.49:	2,768,466		2,773,325			2,736,122
		2,743,543			2,736,117	75:		2,753,645	42.50:	2,768,466		2,773,325			2,736,122
		2,744,348			2,736,118			2,772,505	42.51:	2,768,466		2,773,325			2,736,122
		2,749,637			2,736,119			2,772,506	42.52:	2,768,466		2,773,325			2,736,122
		2,757,472			2,747,313	22:		2,749,644	42.53:	2,766,546		2,773,325			2,736,122
		2,759,284			2,749,642			2,753,646	42.54:	2,729,014		2,773,325			2,736,122
		2,761,232			2,750,700			2,756,531	42.55:	2,733,534		2,773,325			2,736,122
		2,762,152			2,732,714			2,735,208		2,748,523		2,773,325			2,736,122
		2,763,079			2,765,563			2,740,221		2,753,499		2,773,325			2,736,122
		2,763,080			2,731,754	79:		2,760,292		2,755,591		2,773,325			2,736,122
		2,771,695			2,739,286			2,762,154		2,756,533		2,773,325			2,736,122
		2,772,500			2,765,564			2,775,054		2,766,546		2,773,325			2,736,122
		2,774,164			2,771,698			2,780,830		2,774,170		2,773,325			2,736,122
12:		2,740,218	85:		2,763,082			2,761,236	42.56:	2,747,318		2,773,325			2,736,122
		2,741,049			2,771,699			2,761,237	42.57:	2,731,757		2,773,325			2,736,122
		2,741,050			2,775,052	94:		2,761,237	42.58:	2,730,700		2,773,325			2,736,122
		2,749,638	43—	1:	2,742,999			2,763,083	42.59:	2,733,537		2,773,325			2,736,122
		2,761,233			2,746,194			2,767,502	42.60:	2,733,538		2,773,325			2,736,122
13:	Re. 24,114				2,730,828	2:		2,734,310	42.61:	2,733,539		2,773,325			2,736,122
		2,734,297			2,736,120	3:		2,736,120	42.62:	2,733,539		2,773,325			2,736,122
		2,739,402			2,745,195			2,732,718	42.63:	2,733,539		2,773,325			2,736,122
		2,759,285			2,746,196			2,732,718	42.64:	2,733,539		2,773,325			2,736,122
15:		2,731,752			2,747,314			2,772,507	42.65:	2,733,539		2,773,325			2,736,122
		2,732,645			2,747,315			2,772,507	42.66:	2,733,539		2,773,325			2,736,122
		2,732,646			2,747,316			2,772,507	42.67:	2,733,539		2,773,325			2,736,122
		2,736,116			2,748,519			2,762,155	42.68:	2,733,539		2,773,325			2,736,122
		2,748,516			2,752,715			2,729,013	42.69:	2,733,539		2,773,325			2,736,122
		2,749,639			2,755,588			2,740,222	42.70:	2,733,539		2,773,325			2,736,122
		2,774,165			2,763,952			2,748,520	42.71:	2,733,539		2,773,325			2,736,122
17:		2,746,193			2,771,700			2,748,521	42.72:	2,733,539		2,773,325			2,736,122
19:		2,765,556			2,745,204	36:		2,730,831	42.73:	2,733,539		2,773,325			2,736,122
		2,762,153			2,735,643			2,746,199	42.74:	2,733,539		2,773,325			2,736,122
21:		2,729,009			2,738,403			2,752,719	42.75:	2,733,539		2,773,325			2,736,122
		2,749,640			2,770,905			2,768,463	42.76:	2,733,539		2,773,325			2,736,122
26:		2,744,349			2,736,121	6.5:		2,736,121	42.77:	2,733,539		2,773,325			2,736,122
		2,757,473			2,741,052			2,736,121	42.78:	2,733,539		2,773,325			2,736,122
		2,769,265			2,767,501	7:		2,767,501							



45—	28:	2,745,211	46—	74:	2,753,657	46—	210:	2,732,659	47—	58:	2,747,324	47—	62:	P.P.1,472	49—	41:	2,757,485	
		2,752,724			2,759,297		213:	2,729,026			2,751,713			P.P.1,473		45:	2,752,166	
		2,768,470		75:	2,731,767		214:	2,749,661			2,753,663			P.P.1,474		47:	2,748,537	
		2,770,071			2,732,656			2,751,712			2,756,543			P.P.1,475		48:	2,754,628	
	58:	2,749,655			2,746,207		218:	2,765,584			2,756,544			P.P.1,476		48:	2,756,545	
		2,770,913			2,755,596			2,770,917			2,759,300			P.P.1,482		48:	2,774,188	
	60:	2,774,177		76:	2,732,657		220:	2,748,533			2,760,308			P.P.1,485		50:	2,729,031	
	68:	2,758,413		77:	2,736,193			2,759,298			2,761,247			P.P.1,494		52:	2,753,228	
	68.4:	2,739,412			2,739,416		223:	2,749,662			2,763,997			P.P.1,497		52:	2,738,623	
		2,757,478			2,756,537		226:	2,739,418			2,763,961			P.P.1,499		54:	2,735,229	
		2,743,550			2,763,094			2,766,552			2,763,962			P.P.1,503		54:	2,767,518	
	80:	2,760,300		79:	2,744,355		228:	2,734,310			2,766,554			P.P.1,516		55:	2,749,665	
		2,762,159		104:	2,765,582			2,734,311			2,770,076			P.P.1,518		57:	2,771,711	
	82:	2,741,868		81:	2,760,304			2,739,419			2,770,077			P.P.1,521		64:	2,731,772	
		2,741,869			2,773,329		229:	2,762,165			2,770,921			P.P.1,526		65:	2,771,712	
		2,747,322		86:	2,744,356		230:	2,738,619			2,773,331			P.P.1,532		67:	2,729,032	
		2,771,705			2,748,529		234:	2,774,184			2,773,331			P.P.1,538		72:	2,736,140	
	86:	2,770,914			2,756,538		235:	2,774,185			2,775,066			P.P.1,538		72:	2,736,140	
	129:	2,729,018			2,761,242		236:	2,749,663			2,775,067			48— 53.3:	2,773,754	74:	2,744,538	
		2,746,202		87:	2,731,768		237:	2,739,420		59:	P.P.1,457			67:	2,751,286	74:	2,746,209	
		2,771,706		88:	2,753,658		239:	2,770,073			P.P.1,514			73:	2,751,287	74:	2,758,422	
		2,730,835		89:	2,763,958		240:	2,735,223			P.P.1,515			74:	2,730,437	77:	2,774,189	
		2,743,551		90:	2,734,308		242:	2,745,216			P.P.1,519			76:	2,732,289	77:	2,736,141	
		2,775,061		92:	2,749,658		241:	2,767,517			P.P.1,520			105:	2,744,514		2,736,142	
	137:	2,729,019			2,752,728		242:	2,775,064			P.P.1,534			107:	2,749,223		2,741,877	
		2,736,130		95:	2,735,219		243:	2,731,769		60:	P.P.1,443			174:	2,775,513		2,762,167	
		2,746,203		96:	2,756,539		244:	2,742,735			P.P.1,444			174:	2,773,755		2,762,168	
		2,759,279			2,775,062		245:	2,770,918			P.P.1,445			176:	2,756,132		2,762,169	
		2,753,655		105:	2,747,327		247:	2,752,730			P.P.1,446			178:	2,731,534		2,764,848	
		2,769,705			2,757,478			2,770,074			P.P.1,461			178:	2,767,771		2,765,587	
	138:	2,745,212			2,757,415	47—	1:	2,730,838			P.P.1,462			180:	2,739,884		2,767,519	
		2,750,710		111:	2,757,479			2,743,552			P.P.1,465				2,746,851		2,772,518	
		2,755,595		112:	2,729,021			2,745,217			P.P.1,466				2,754,184		2,775,071	
		2,760,301		114:	2,747,328			2,747,330			P.P.1,467				2,769,698	77.5:	2,749,667	
		2,762,160			2,767,515			2,748,534			P.P.1,477		184:	174:	2,745,227	78:	2,749,668	
		2,767,512		116:	2,732,658			2,749,664			P.P.1,478			174:	2,754,185	79:	2,730,840	
		2,774,178			2,736,134			2,753,661			P.P.1,479			174:	2,754,186		2,730,841	
		2,767,513		117:	2,745,214			2,754,622			P.P.1,481			174:	2,763,538		2,735,230	
	1:	2,733,543			2,757,480			2,754,623			P.P.1,483			174:	2,767,070		2,746,210	
		2,738,616		118:	2,740,232			2,754,624			P.P.1,482			190:	2,774,657		2,752,731	
		2,745,213			2,763,959			2,759,299			P.P.1,484			192:	2,730,438	81:	2,760,310	
		2,746,204			2,764,841			2,760,307			P.P.1,488			192:	2,748,515	82.1:	2,734,315	
		2,747,323		123:	2,765,583			2,764,843			P.P.1,496			193:	2,744,815	82.1:	2,744,360	
		2,752,725		124:	2,729,022			2,771,709			P.P.1,501			194:	2,758,917	88:	2,754,629	
		2,759,294			2,741,871		1.1:	2,761,246			P.P.1,502			196:	2,762,148	88:	2,770,922	
		2,760,302		126:	2,733,545		1.2:	2,747,331			P.P.1,508				2,743,171	89:	2,774,190	
		2,768,471			2,760,305		1.3:	2,750,712			P.P.1,517				2,752,232	92.5:	2,774,191	
		2,772,512		132:	2,766,551			2,770,075			P.P.1,536				2,754,187		2,745,553	
		2,774,179			2,767,516			2,770,075			P.P.1,539				2,759,805	51—	3:	2,766,556
		2,774,180		134:	2,751,707			2,736,137	61:	P.P.1,447				2:	2,765,222		5:	2,759,301
	2:	2,768,472		135:	2,733,546		6:	2,764,844			P.P.1,448				2,772,149		6:	2,764,849
	3:	2,738,414		142:	2,748,530		9:	2,740,233			P.P.1,450				2,773,756		7:	2,739,423
	4:	2,749,656		149:	2,760,306			2,748,535			P.P.1,451			197:	2,729,552			2,734,316
		2,771,707			2,733,547		12:	2,738,620			P.P.1,452				2,731,335			2,735,231
	7:	2,739,413		149:	2,736,135		14:	2,750,713			P.P.1,453				2,734,809			2,735,232
		2,741,068			2,739,417		19:	2,729,018			P.P.1,454				2,739,806			2,749,669
	11:	2,748,527			2,754,621		26:	2,735,224			P.P.1,455			202:	2,772,954			2,769,279
	12:	2,731,765			2,758,416		28:	2,741,874			P.P.1,456			203:	2,761,772			2,779,017
		2,733,544			2,761,243		29:	2,753,662			P.P.1,458			206:	2,741,549			2,729,018
		2,734,307			2,763,959		33:	2,744,357			P.P.1,459			211:	2,770,936			2,730,842
		2,774,181			2,775,063			2,769,277			P.P.1,460			212:	2,734,810			2,739,424
	15:	2,773,327		153:	2,729,023		34:	2,756,541			P.P.1,463			212:	2,760,853			2,742,738
	16:	2,732,654		154:	2,729,024			2,764,845			P.P.1,464			214:	2,734,811			2,753,664
		2,759,295			2,751,708		37:	2,736,138			P.P.1,468			215:	2,746,852			2,761,250
	17:	2,739,414			2,762,163			2,740,234			P.P.1,469				2,772,955			2,763,964
		2,747,324			2,771,708			2,758,419			P.P.1,471			49—	1:	2,731,771		2,763,965
		2,770,072			2,764,842			2,765,553			P.P.1,480				2,761,248			2,766,557
	22:	2,752,726		157:	2,747,329			2,769,278			P.P.1,486				2,761,249			2,770,924
		2,760,303			2,753,659		38:	2,738,621			P.P.1,487				2,762,166			2,772,519
		2,770,915			2,767,516			2,741,875			P.P.1,489				2,772,515			2,774,190
	23:	2,765,580		163:	2,761,244			2,747,332			P.P.1,490				2,775,068			2,775,069
	24:	2,751,705		164:	2,756,540		39:	2,770,919			P.P.1,491			2:	2,763,963			2,776,588
		2,754,620		169:	2,748,531		41:	2,733,549			P.P.1,493				2,775,069			2,777,516
	25:	2,747,325			2,753,660			2,734,312			P.P.1,495				2,775,070			2,778,423
	26:	2,765,581		173:	2,751,709			2,745,218			P.P.1,496			3:	2,735,227			2,780,924
	31:	2,751,706			2,761,245			2,746,208			P.P.1,500				2,751,714			2,782,518
		2,736,131		175:	2,733,548			2,747,333			P.P.1,504				2,732,665			2,784,538
		2,762,161			2,735,220			2,754,625			P.P.1,505			7:	2,738,622			2,786,558
		2,769,276			2,736,136			2,756,542			P.P.1,507				2,754,626			2,788,424
		2,774,182			2,738,618			2,765,585			P.P.1,509				2,758,420			2,790,925
	34:	2,749,657			2,741,872			2,774,187			P.P.1,510				2,766,555			2,792,519
	35:	2,731,766			2,748,532		45:	2,765,586			P.P.1,511				2,771,710			2,794,538
	36:	2,732,655			2,751,710		47:	2,732,660			P.P.1,512			9:	2,755,597			2,796,559
		2,740,231			2,758,417			2,745,219			P.P.1,513				2,757,484			2,798,425
	39:	2,7																

51—	86: 2,760,311	51—	110: 2,735,238	51—	173: 2,749,677	51—	216: 2,745,227	51—	308: 2,744,001	53—	95: 2,740,243
43:	2,771,713	111:	2,733,553		2,773,336		2,748,548		2,772,150	101:	2,768,490
45:	2,767,520	112:	2,746,213	174:	2,740,238		2,733,559		2,731,336	111:	2,747,349
48:	2,754,630		2,767,489	176:	2,752,736		2,765,596		2,768,887	112:	2,761,603
	2,755,500		2,764,850	177:	2,737,337		2,750,580	52—	2,734,812	122:	2,759,308
	2,763,101		2,767,522	178:	2,774,199	181:	2,749,189	219:	2,740,724	123:	2,769,291
	2,771,714		2,774,196	178:	2,741,883		2,736,147		2,744,816	124:	2,747,350
	2,772,519	114:	2,766,561	179:	2,766,563		2,745,228		2,749,225		2,749,689
50:	2,735,233	118:	2,747,338	180:	2,755,806		2,758,430		2,768,888		2,761,731
	2,774,192		2,763,667	181:	2,749,678		2,768,485	2:	2,740,703	125:	2,749,680
52:	2,729,033		2,768,480	184.1:	2,750,701		2,770,929		2,749,226	126:	2,745,232
53:	2,773,333	120:	2,765,602		2,767,523		2,772,525		2,775,514	128:	2,762,177
55:	2,733,065	122:	2,730,846		2,770,925	220:	2,735,245	5:	2,768,072	130:	2,749,003
	2,763,102		2,735,354	184.2:	2,758,429		2,767,331	6:	2,771,350	135:	2,764,645
56:	2,738,625	123:	2,764,833	184.3:	2,739,444	221:	2,740,240	7:	2,740,704		2,763,109
	2,758,424	124:	2,747,339		2,733,557		2,740,241	11:	2,769,807		2,764,861
58:	2,740,235		2,747,340		2,742,743		2,741,077		2,768,073	136:	2,765,604
59:	2,774,193		2,775,074		2,751,726	224:	2,761,260	13:	2,771,351	137:	2,740,244
	2,774,194	125:	2,748,556		2,754,639	225:	2,770,930	14:	2,769,701		2,774,204
62:	2,749,670	126:	2,771,718	184.4:	2,763,146		2,771,723	20:	2,740,704	139:	2,745,233
64:	2,736,144	128:	2,735,239		2,740,239	229:	2,735,246		2,740,705	141:	2,747,351
72:	2,755,601		2,751,721	185:	2,740,237	232:	2,752,740		2,771,352	142:	2,760,318
73:	2,734,317		2,761,721		2,755,609		2,764,855	23:	2,776,687	144:	2,729,928
74:	2,770,079		2,753,668	186:	2,733,558	235:	2,729,040	24:	2,767,532	147:	2,734,324
75:	2,770,080		2,775,075		2,734,320	236:	2,754,641	5:	2,731,776	151:	2,759,309
78:	2,739,425	129:	2,762,172		2,756,549		2,772,526	6:	2,770,932	155:	2,729,042
	2,758,425		2,772,521		2,761,257		2,775,077	7:	2,735,250	159:	2,744,369
	2,766,560	130:	2,764,851		2,763,968	237:	2,733,560	25:	2,736,149		2,747,352
80:	2,765,590	131:	2,751,722	187:	2,729,925		2,744,865	26:	2,763,107		2,756,553
	2,768,476		2,755,603		2,742,744		2,746,218	11:	2,731,777		2,757,497
89:	2,736,145	133:	2,740,237		2,743,558		2,757,493		2,759,307	160:	2,743,563
90:	2,733,551	134:	2,754,635		2,753,609		2,759,306		2,764,857	167:	2,751,591
91:	2,768,281		2,765,592		2,765,593		2,772,527	12:	2,768,488	168:	2,770,935
92:	2,729,034	134.5:	2,741,074	188:	2,743,559	238:	2,744,866		2,768,488	177:	2,766,568
	2,729,919		2,746,214	189:	2,746,215		2,756,551	13:	2,774,202	180:	2,738,631
	2,729,920	135:	2,733,555		2,749,679	240:	2,772,528	14:	2,758,432		2,741,079
	2,734,318		2,744,362	190:	2,734,321	241:	2,735,247		2,767,532		2,746,223
	2,740,236		2,751,723		2,745,223		2,742,746		2,771,724	179:	2,749,691
	2,746,212		2,763,103		2,751,727		2,746,219	17:	2,747,345		2,751,732
	2,748,539		2,768,481		2,763,104		2,751,728	20:	2,757,495	21:	2,734,323
	2,753,666	136:	2,739,426		2,770,926		2,754,642	21:	2,773,340	22:	2,752,742
	2,754,631	138:	2,744,363	191:	2,763,969		2,755,608		2,764,859		2,761,264
	2,759,302	141:	Re.24,152	193:	Re.24,143		2,756,552	22:	2,749,686		2,765,605
	2,761,252		2,732,669		2,738,626		2,758,431		2,764,858		2,770,936
	2,774,195		2,733,556		2,739,429		2,761,261	24:	2,764,859		2,772,530
94:	2,730,843		2,747,341		2,749,680		2,765,597		2,774,203	182:	2,762,178
95:	2,731,773		2,751,724		2,755,608		2,769,287	25:	2,773,341	183:	2,760,320
	2,735,234		2,754,636		2,765,594		2,769,288	26:	2,765,599	186:	2,739,430
	2,741,879		2,755,604		2,766,564	244:	2,741,078		2,768,489	187:	2,737,498
	2,748,540		2,761,254		2,767,524	245:	2,738,627		2,775,080	188:	2,754,646
	2,748,426		2,762,173		2,767,525		2,772,529	28:	2,747,346	189:	2,766,569
	2,758,427		2,770,082		2,767,527	246:	2,735,248	29:	2,767,533	190:	2,770,084
	2,767,521		2,772,522	193.5:	2,769,285		2,753,670		2,769,289	197:	2,758,433
	2,768,477	142:	2,747,342		2,769,285		2,768,486		2,774,203	198:	2,741,885
	2,769,282		2,752,734		2,771,720		2,738,628	30:	2,775,081		2,751,733
	2,771,715		2,756,547	193.7:	2,767,526		2,752,741	31:	2,746,221		2,762,179
96:	2,729,921	143:	2,749,675		2,771,721		2,766,566	32:	2,751,729	202:	2,762,180
	2,734,319	144:	2,730,847	194:	2,765,595		2,769,289	33:	2,744,669		2,765,606
	2,762,170		2,741,075		2,774,200	249:	2,730,850	39:	2,743,859	204:	2,746,224
	2,773,334		2,754,637	195:	2,745,224		2,738,629	41:	2,764,860	210:	2,775,085
97:	2,769,283	145:	2,752,733		2,746,216		2,753,661	42:	2,771,725	215:	2,750,723
	2,775,073	148:	2,757,490		2,749,681		2,747,344	44:	2,729,041	226:	2,757,499
98:	2,730,844	151:	2,759,303		2,752,737		2,759,307		2,773,342	227:	2,743,564
	2,732,733	153:	2,761,255		2,752,738		2,761,262	59:	2,738,630	228:	2,744,370
	2,763,967	154:	2,729,922		2,757,491		2,763,971		2,746,662	230:	2,744,371
100:	2,732,667		2,741,076		2,761,258		2,764,856		2,748,550	231:	2,739,431
	2,735,235		2,745,220		2,768,483		2,764,856		2,749,687	234:	2,749,692
	2,751,719	160:	2,756,548		2,770,928		2,773,342		2,750,080	235:	2,771,726
	2,768,478	168:	2,754,638		2,771,722		2,785,249		2,760,315	236:	2,739,432
	2,772,520	164:	2,739,427	197:	2,729,037		2,745,220		2,763,108		2,767,536
101:	2,732,668		2,766,562		2,729,038		2,770,931	61:	2,731,778	241:	2,751,734
	2,741,072		2,772,523		2,744,364		2,774,201		2,765,598	243:	2,755,610
	2,747,337	165:	2,729,036		2,748,547		2,754,643		2,763,602	244:	2,753,978
	2,748,541		2,732,670		2,757,492		2,745,230		2,764,862	246:	2,744,372
	2,747,342		2,741,882		2,764,853		2,772,529		2,749,687	247:	2,743,563
	2,749,671		2,745,221		2,767,527		2,763,972		2,750,081	249:	2,747,353
102:	2,729,035		2,745,222		2,767,528		2,734,322		2,760,315	250:	2,747,354
	2,735,236		2,759,304	196:	2,764,854		2,733,563		2,763,108	251:	2,765,607
	2,745,543		2,768,482	204:	2,730,848		2,736,148		2,765,601	252:	2,757,498
	2,765,591		2,773,335		2,749,682		2,750,718		2,770,933	253:	2,767,537
103:	Re.24,202		2,774,197		2,767,529		2,765,598		2,774,204	254:	2,768,489
	2,780,845	166:	2,735,240		2,773,338		2,731,775		2,775,082	255:	2,769,292
	2,751,774		2,739,428		2,742,745		2,745,231		2,776,688	256:	2,770,939
	2,735,237		2,748,545		2,761,259		2,748,540		2,777,437	257:	2,740,245
	2,743,555		2,748,546		2,745,225		2,773,339		2,780,852	258:	2,768,490
	2,749,672		2,758,428		2,752,739		2,780,849		2,781,721	259:	2,769,293
	2,749,673	108:	2,747,343		2,757,494		2,783,613		2,782,531	260:	2,770,940
	2,751,720		2,755,605		2,763,970		2,760,314		2,783,614	261:	2,771,727
	2,754,632		2,771,719		2,766,565		2,775,078		2,784,561	262:	2,772,532
	2,756,546		2,772,524	206.4:	2,769,286		2,762,175		2,785,250	263:	2,773,343
	2,760,312	170:	2,732,671	206.5:	2,745,226		2,763,106		2,786,487	264:	2,774,205
	2,761,253		2,735,241		2,746,217		2,764,857		2,787,538	265:	2,775,083
	2,770,081		2,735,242	207:	2,729,926		2,765,599		2,788,589	266:	2,776,689
104:	2,762,171		2,742,740		2,735,243		2,767,530		2,789,640	267:	2,777,440
	2,748,544		2,742,741		2,763,105		2,768,488		2,790,691	268:	2,778,531
	2,749,674		2,743,557	209:	2,735,244		2,769,287		2,791,742	269:	2,779,641
	2,750,715		2,749,676		2,749,683		2,770,932		2,792,793	270:	2,780,751
	2,750,716		2,751,725		2,749,684		2,772,533		2,793,844	271:	2,781,852
	2,754,633		2,759,305		2,749,685		2,773,343		2,794,895	272:	2,782,953
	2,771,716		2,761,256		2,760,313		2,				



53—	330: 2,769,293 339: 2,765,608 341: 2,738,632 2,757,501 370: 2,767,337 376: 2,748,225 378: 2,768,571 374: 2,744,373 2,768,492 377: 2,752,745 379: 2,745,234 385: 2,768,493 389: 2,757,502 391: 2,746,226 2,755,611 2,757,503 2,752,746	56—	21: 2,769,294 23: Re.24,169 2,738,635 2,745,236 2,760,326 2,782,183 25: 2,729,044 2,739,436 2,741,889 2,743,598 2,744,374 2,750,726 2,757,504 2,767,539 25.4: 2,734,325 2,734,326 2,734,327 2,735,252 306: 2,736,153 2,739,437 2,740,246 2,742,750 2,746,227 2,748,555 2,759,319 2,760,327 2,762,184 2,763,116 2,763,977 2,765,611 2,766,573 2,767,540 2,767,541 2,769,295 2,770,085 2,771,730 2,774,207 2,775,087 26: 2,734,328 2,741,890 2,759,318 2,759,320 2,760,328 26.5: 2,753,565 27: 2,735,253 2,736,154 2,751,741 28: 2,730,855 30: 2,754,650 2,763,117 2,763,978 33: 2,729,045 2,734,329 35: 2,746,228 2,729,930 41: 2,738,636 2,741,891 2,754,651 2,770,086 42: 2,751,742 2,768,494 44: 2,743,599 2,766,574 47: 2,767,542 48: 2,774,208 60: 2,745,237 66: 2,770,087 97: 2,765,612 104: 2,738,637 2,744,375 2,751,743 2,771,731 109: 2,766,575 119: 2,731,780 2,738,638 2,751,744 121.45: 2,736,155 121.46: 2,755,611 2,740,247 122: 2,774,209 158: 2,763,118 2,774,210 189: 2,756,556 200: 2,770,088 202: 2,747,356 208: 2,750,727 209: 2,750,728 2,753,675 2,762,185 221: 2,747,357 222: 2,770,089 229: 2,740,245 2,742,751 233: 2,762,186 2,743,570 2,762,187 2,770,089 241: 2,748,554 244: 2,744,376 249: 2,730,856 2,730,857 2,759,321	56—	249: 2,759,322 2,767,543 249.5: 2,731,781 251: 2,734,380 252: 2,772,533 256: 2,746,229 257: 2,742,752 295: 2,740,249 2,762,188 2,744,865 296: 2,734,331 2,736,156 2,742,753 2,745,238 297: 2,735,254 2,738,639 2,761,269 298: 2,769,297 307: 2,730,858 309: 2,747,358 312: 2,734,332 2,746,230 318: 2,746,231 327: 2,767,544 328: 2,729,046 2,735,255 2,736,157 2,749,697 2,769,298 330: 2,732,677 332: 2,775,088 333: 2,736,158 335: 2,772,534 336: 2,746,232 338: 2,748,555 341: 2,731,782 2,739,438 2,754,652 2,775,089 343: 2,731,783 344: 2,729,047 2,763,119 345: 2,753,676 2,766,576 351: 2,729,049 364: 2,729,049 2,732,678 2,756,557 370: 2,761,270 372: 2,741,892 2,751,745 2,771,732 376: 2,735,256 2,744,377 2,775,090 377: 2,729,931 2,738,640 2,746,233 2,750,729 2,761,271 2,762,189 2,763,120 2,748,556 400: 2,767,545 400.07: 2,770,090 400.08: 2,731,784 400.12: 2,746,234 400.16: 2,748,557 2,746,235 2,765,613 2,766,577 473.5: 2,732,679 2,740,250 2,743,571 2,759,323 475: 2,738,159 1: 2,758,436 2: 2,759,324 2,734,333 2,753,677 7: 757,505 9: 2,757,506 12: 2,738,641 18: 2,729,050 21: 2,753,678 23: 2,739,439 34: 2,741,893 2,743,572 2,748,558 2,761,272 2,774,211 2,775,091 34.5: 2,747,359 51.4: 2,752,748 62: 2,751,746 63: 2,729,051 2,750,859 2,732,680 2,736,160 58.86: 2,731,785 58.82: 2,773,844 58.55: 2,729,052 58.65: 2,732,681	57—	58.76: 2,736,161 2,729,932 2,731,786 2,731,787 58.86: 2,738,566 2,732,682 61: 2,736,162 2,758,437 62: 2,769,299 66.5: 2,763,979 71: 2,741,081 73: 2,758,438 2,740,251 81: Re.24,127 2,734,334 2,735,254 2,770,091 86: 2,734,335 2,742,754 88: 2,770,092 90: 2,752,749 92: 2,755,615 93: 2,735,257 95: 2,732,683 99: 2,770,093 103: 2,763,980 106: 2,773,845 115: 2,745,239 2,747,360 118: 2,753,679 119: 2,729,053 2,748,559 2,756,558 2,761,275 120: 2,769,329 125: 2,749,698 130: 2,773,846 136: 2,758,439 140: 2,729,933 2,731,788 2,735,258 2,740,252 2,731,792 2,769,300 2,771,733 2,729,055 2,761,273 145: 2,763,163 150: 2,770,940 154: 2,728,055 157: 2,751,747 2,755,616 2,772,191 158: 2,760,330 160: 2,731,789 2,746,236 164: 2,741,894 2,743,573 5: 2,741,082 2,757,507 6: 2,775,092 24: 2,734,336 2,738,642 28: 2,741,083 2,749,699 2,763,121 2,768,495 30: 2,760,331 42: 2,749,700 2,770,941 46: 2,739,860 2,794,337 2,743,241 2,745,242 2,769,301 48: 2,731,790 50: 2,745,243 2,747,361 53: 2,729,056 56: 2,746,237 57.5: 2,752,750 59: 2,766,578 71: 2,749,701 82: 2,746,238 2,752,751 2,756,559 2,760,332 85: 2,761,272 88: 2,745,244 2,749,702 2,763,122 90: 2,733,967 2,735,259 2,738,164 2,745,245 2,749,703 2,752,752 2,765,614 2,771,734 2,773,847 61: 2,736,161 104: 2,729,934 2,744,378 107: 2,729,932 113: 2,729,057	58—	116: 2,750,730 2,763,123 117: 2,734,338 125: 2,748,560 2,760,333 2,762,190 2,749,704 2,757,508 140: 2,746,239 2,750,731 2,747,362 7: 2,744,212 2,759,335 35: 2,738,643 2,740,252 2,753,680 2,771,735 79: 2,732,684 2,734,339 2,741,084 2,744,379 2,753,681 2,753,682 2,755,617 2,756,560 2,759,325 2,762,191 2,763,124 2,765,615 80: 2,775,093 82: 2,763,981 84: 2,774,213 85: 2,740,253 2,761,275 86: 2,729,058 2,731,791 95: 2,758,440 6: 2,748,561 12: 2,761,276 Re.24,157 13: 2,730,861 2,740,254 2,754,654 2,745,246 2,748,562 2,755,618 2,765,616 2,769,303 2,770,943 2,773,848 14: 2,731,793 2,754,654 16: 2,760,334 19: 2,746,240 21: 2,770,094 23: 2,743,574 2,755,619 24: 2,746,241 29: 2,735,260 30: 2,763,982 2,771,736 31: 2,772,537 35.4: 2,729,936 2,744,380 2,750,732 2,753,683 2,764,866 2,765,617 2,769,304 2,771,737 2,771,738 2,771,739 2,774,214 35.5: 2,735,261 35.54: 2,757,510 2,760,336 2,763,125 2,770,096 35.55: 2,735,264 2,729,059 2,729,937 2,733,968 2,734,340 2,734,341 2,735,262 2,735,263 2,736,166 2,738,644 2,738,645 2,738,646 2,739,441 2,739,442 2,739,443 2,740,254 2,742,755 2,742,756 2,743,576 2,743,577 2,744,381 2,745,247 2,745,248 2,745,249 2,746,242	60—	35.6: 2,746,243 2,746,244 2,747,363 2,748,563 2,748,564 2,749,705 2,749,706 2,750,733 2,750,734 2,753,684 2,753,685 2,754,655 2,755,620 2,757,509 2,759,326 2,760,335 2,761,277 2,761,278 2,761,279 2,761,280 2,762,192 2,762,193 2,763,126 2,763,127 2,763,983 2,763,984 2,766,579 2,766,580 2,766,581 2,769,305 2,770,944 2,771,740 2,773,849 2,773,850 2,774,215 2,774,216 36: 2,751,748 2,766,582 39.02: 2,750,735 39.03: 2,748,565 39.04: 2,750,736 39.05: 2,735,265 39.06: 2,771,741 2,746,245 2,747,364 2,763,985 39.08: 2,738,647 2,751,749 2,761,281 39.09: 2,741,085 2,743,577 2,744,382 2,747,365 2,750,737 2,754,656 2,761,282 2,770,945 2,771,742 39.12: 2,735,266 39.14: 2,729,060 2,730,862 2,733,569 2,741,086 2,742,757 2,742,758 2,742,759 2,747,366 2,754,657 2,768,496 2,770,946 39.15: 2,730,863 2,744,383 2,750,738 2,759,327 2,769,306 39.16: 2,742,760 2,746,246 2,747,367 2,748,566 2,750,739 2,750,740 2,754,658 2,755,621 2,756,561 39.18: 2,747,368 39.27: 2,733,648 2,761,283 39.28: 2,730,861 2,731,794 2,736,167 2,739,444 2,740,255 2,741,087 2,741,088 2,741,089 2,742,761 2,743,578 2,747,369 2,750,741 2,753,686 2,755,622 2,757,511 2,760,337
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60—39.28:	2,761,284	60— 54:	2,735,267	61— 45:	2,750,749	62— 3:	2,763,130	62— 89:	2,751,757	62—117.1:	2,734,353
	2,762,194		2,736,171		2,752,757		2,763,131		2,752,761		2,743,589
	2,763,986		2,740,257		2,771,746		2,765,628		2,754,662		2,746,267
	2,764,867		2,749,710	46: Re.24,180	2,765,629		2,765,629		2,761,288		2,746,268
	2,764,868		2,750,743		2,768,172		2,766,593		2,761,289		2,750,760
	2,765,618		2,755,628		2,775,065		2,768,506		2,766,594		2,751,758
	2,765,619		2,758,442	46.5: Re.24,254	2,769,311		2,769,311	89.5:	2,732,689		2,753,686
	2,766,583		2,758,443		2,740,261		2,769,312		2,748,574		2,760,347
	2,766,584		2,760,541		2,750,750		2,773,355		2,762,205		2,738,655
	2,767,546		2,762,196		2,771,747		2,774,219		2,753,135	117.2:	2,738,656
39.29:	2,770,096		2,762,197		2,772,539		2,774,220		2,765,632		2,767,555
39.32:	2,748,567		2,762,198		2,774,218		2,780,866		2,773,357	117.3:	2,750,761
39.34:	2,746,248		2,766,589	48:	2,746,257		2,780,867		2,774,225		2,760,348
39.36:	2,743,579		2,767,591		2,759,331		2,731,807	91.5:	2,738,654		2,765,633
	2,745,568		2,772,538	50:	2,759,332		2,734,346		2,768,510		2,763,986
	2,760,338	54.5: Re.24,108	2,740,258		2,729,067		2,734,347		2,766,595		2,770,954
39.37:	2,729,938		2,733,572	63:	2,729,946		2,736,173	92:	2,736,174		2,773,361
	2,765,620		2,734,442		2,750,751		2,739,433		2,746,294		2,773,362
39.46:	2,753,570		2,740,258	67:	2,730,864		2,740,264		2,757,517		2,774,228
	2,746,249		2,745,252	72:	2,731,800		2,741,095		2,759,336	117.4:	2,753,697
	2,751,750		2,746,252		2,735,270		2,741,096		2,773,358		2,762,207
	2,753,687		2,765,624		2,755,632		2,741,097		2,746,265	117.45:	2,760,349
	2,770,947		2,766,590		2,770,950		2,741,098		2,759,337		2,768,512
39.55:	2,763,987		2,770,948	73:	2,743,585		2,744,388	96:	2,770,103	117.55:	2,750,762
	2,770,097		2,774,217	74:	2,743,586		2,744,389	99:	2,735,273		2,759,340
39.56:	2,759,328	54.6:	2,731,797	79:	2,741,093		2,745,256		2,744,391		2,770,104
39.65:	2,729,062		2,735,268	84:	2,764,872		2,745,257		2,758,448		2,746,269
	2,741,090		2,739,448	85:	2,757,515		2,746,260	102:	2,739,455	117.6:	2,754,665
	2,742,763		2,740,259	62— 1:	2,729,068		2,746,261		2,747,378		2,754,666
	2,745,250		2,741,896		2,729,947		2,747,375		2,756,564		2,763,987
	2,768,497		2,746,253		2,729,948		2,747,376		2,757,518	117.65:	2,744,392
	2,775,094		2,746,254		2,729,949		2,747,377		2,758,449	117.7:	2,770,105
39.69:	2,736,188		2,747,372		2,729,949		2,747,385	103:	2,735,274		2,758,450
39.72:	2,744,384		2,750,746		2,731,801		2,748,572		2,739,456		2,758,451
	2,755,623		2,752,755		2,731,802		2,750,755		2,741,898	117.8:	2,729,951
	2,760,339		2,755,629		2,731,803		2,750,756		2,749,720		2,742,767
	2,765,621		2,757,512		2,732,687		2,750,757		2,750,759		2,768,511
	2,768,498		2,758,444		2,733,573		2,750,758		2,754,663		2,770,106
	2,771,743		2,759,329		2,734,344		2,753,693		2,755,636		2,770,107
39.74:	2,745,251		2,762,199		2,734,345		2,755,634		2,758,450	117.85:	2,756,668
	2,752,753		2,763,989		2,735,271		2,758,446		2,761,290		2,767,559
	2,771,744		2,765,625		2,741,094		2,758,447		2,764,875	119:	2,729,952
39.77:	2,729,940	59:	2,731,798		2,742,764		2,759,338		2,772,541		2,730,869
	2,731,795	60:	2,732,685		2,744,386		2,759,335		2,774,221		2,751,759
39.82:	2,743,580		2,770,949		2,744,387		2,764,874	105:	2,772,542		2,760,350
	2,758,441	57:	2,746,255		2,744,809		2,765,630	106:	2,732,690		2,765,634
	2,760,340	58:	2,731,798		2,746,258		2,770,100		2,747,379	119.5:	2,756,175
51:	2,729,940	59:	2,767,549		2,747,374		2,770,952		2,749,721		2,763,989
	2,731,796	60:	2,732,685		2,749,714		2,771,748		2,749,722		2,773,365
	2,736,109	61.5:	2,773,353		2,749,715		2,774,221		2,753,694	122:	2,739,459
	2,739,445	62.5:	2,762,200		2,749,716		2,774,222		2,757,519		2,748,575
	2,741,091	67:	2,743,583		2,750,752		2,775,096		2,757,520		2,750,763
	2,743,581		2,762,201		2,750,753		2,775,096		2,757,520		2,770,108
	2,746,250	73:	2,747,373		2,750,755	5:	2,733,575		2,758,451		2,772,544
	2,752,754	97:	2,729,943		2,752,758		2,738,653		2,763,986	122:	2,729,953
	2,753,688		2,738,650		2,753,691		2,753,695		2,767,557		2,750,870
52:	2,729,063		2,739,440		2,754,659		2,755,631		2,768,507		2,731,810
	2,729,941		2,740,260		2,755,633		2,770,953		2,775,099		2,734,354
	2,729,941		2,742,763		2,757,516		2,775,097	107:	2,729,070		2,755,635
	2,729,942		2,743,584		2,758,445		2,775,098		2,733,575		2,758,452
	2,733,571		2,745,253		2,760,342	6:	2,730,868		2,735,275		2,739,460
	2,739,446		2,746,256		2,760,343		2,731,807		2,739,457		2,754,666
	2,740,256		2,748,570		2,761,286		2,741,099		2,775,100		2,760,351
	2,741,092		2,749,711		2,762,203		2,741,100	108:	2,775,101		2,760,352
	2,746,251		2,752,756		2,764,873		2,742,766	108.5:	2,734,350		2,762,208
	2,747,370		2,753,080		2,767,551		2,752,759		2,741,103		2,764,877
	2,748,569		2,757,513		2,767,552		2,754,660		2,741,104		2,765,635
	2,749,707		2,759,330		2,769,308		2,754,661		2,747,380		2,771,751
	2,749,708		2,761,285		2,770,951		2,763,132		2,752,762	123:	2,732,691
	2,750,742		2,763,990		2,772,540		2,767,556		2,756,565		2,745,262
	2,750,743		2,764,870	2:	2,780,865		2,769,313		2,756,566		2,753,698
	2,750,744		2,765,626		2,731,804		2,769,314		2,759,338		2,763,137
	2,751,751		2,765,627		2,740,262		2,773,356		2,763,987		2,763,138
	2,751,752		2,766,527		2,750,754	7:	2,740,265		2,769,316		2,775,103
	2,751,753		2,766,528		2,751,756		2,743,588		2,769,317		2,775,104
	2,755,624		2,767,550		2,760,344		2,744,390		2,774,226	124:	2,734,355
	2,755,625		2,768,503		2,760,345		2,746,262		2,775,102		2,764,878
	2,755,626		2,768,504		2,767,553		2,746,263	114:	2,731,809		2,730,871
	2,755,627		2,769,307		2,767,554		2,763,993		2,735,276	125:	2,730,872
	2,755,628	61— 5:	2,755,630		2,767,555		2,763,994		2,745,261	126:	2,730,873
	2,756,562	1:	2,745,768		2,768,506		2,770,102		2,754,664		2,735,279
	2,756,563	4:	2,731,799		2,769,309		2,771,749		2,766,596		2,735,280
	2,765,622		2,755,631		2,769,310		2,774,223	115:	2,739,458		2,745,262
	2,766,585		2,766,592		2,773,354		2,774,224		2,746,266		2,758,453
	2,766,586	7:	2,771,745	3:	2,729,950		2,775,098		2,754,667		2,758,454
	2,767,549	13:	2,763,991		2,731,805	8:	2,729,069		2,755,637		2,758,455
	2,768,499	18:	2,762,202		2,733,574		2,735,272		2,764,876		2,773,363
	2,768,500		2,753,090		2,738,651		2,739,454		2,768,509	127:	2,742,768
	2,770,098		2,764,871		2,738,652		2,752,760		2,769,318		2,768,513
	2,773,351	27:	2,750,747		2,739,450		2,753,695		2,772,543	128:	2,747,381
53:	2,736,170		2,751,754		2,739,451		2,731,808	116:	2,734,351	129:	2,729,072
	2,738,649	29:	2,729,944		2,739,452		2,732,688		2,741,101		2,730,873
	2,739,447		2,732,686		2,740,263		2,739,453		2,753,695		2,736,176
	2,741,895		2,763,992		2,742,765		2,743,589		2,758,452		2,749,724
	2,743,582	30:	2,750,748		2,743,587		2,744,349		2,760,346		2,750,764
	2,744,385	31:	2,757,514		2,745,254		2,746,262		2,769,319		2,751,761
	2,749,709	36:	2,735,269		2,745,255		2,746,263	117:	2,735,277		2,756,669
	2,762,195		2,734,543		2,746,259		2,747,378		2,758,453		2,758,456
	2,763,989	45:	2,729,064		2,749,717		2,748,571		2,762,206		2,769,353
	2,765,629		2,729,066		2,753,692		2,745,259		2,771,750		2,760,354
	2,766,587		2,729,945		2,759,333		2,745,260		2,773,360		2,763,139
	2,770,099		2,749,712		2,761,287		2,748,573		2,774,227	117.1:	2,734,352
	2,773,352		2,749,713		2,762,204		2,749,718				2,769,320



62—	129: 2,770,955	64—	6: 2,767,564	65—	61: 2,768,515	66—	166: 2,752,768	68—	15: 2,764,009	68—	255: 2,734,372
131:	2,749,725		7: 2,760,270		2,770,958		2,765,642	17:	2,750,778		2,752,771
134:	2,767,560		2,760,358	65:	2,739,465		171: 2,735,283	18:	2,729,961	258:	2,738,663
135:	2,738,659		8: 2,752,765		2,739,466		2,751,771		2,733,587		2,758,466
136:	2,729,073		2,755,640		2,742,771		172: 2,729,083		2,754,670	262:	2,770,963
	2,751,811		2,760,359		2,750,770		2,729,957		2,739,346	263:	2,742,774
	2,734,356		2,769,323		2,742,771	66—	1: 2,758,579	19:	2,750,779		2,771,767
	2,740,267		2,732,695		4: 2,733,582		2,747,389		2,750,780	69—	1: 2,742,775
	2,741,899		2,742,769		6: 2,731,815		2,763,146		2,758,461	6: 2,733,588	
	2,750,765		2,743,592		2,750,771		2,765,643		2,732,701		2,752,772
	2,755,638		2,744,395		8: 2,740,274		2,771,757		2,746,279		2,769,328
	2,757,521		2,749,726		9: 2,740,275		2,771,758		2,749,734	7: 5: 2,729,964	
	2,764,879		2,731,813		2,773,371		2,734,363		2,750,781	9: 5: Re 2,414,142	
	2,767,561		2,740,271		13: 2,730,879		2,747,390		2,753,707		2,753,709
	2,767,562		2,742,770		14: 2,736,177		2,762,215		Re 2,425,257		2,769,329
	2,770,109		2,747,386		2,745,269		2,729,084	21:	2,739,469	19:	2,738,664
138:	2,770,874		2,752,766		2,749,728		2,740,278		2,743,599	26:	2,764,885
140:	2,740,268		2,754,667		2,754,668		2,747,391		2,749,735	29:	2,749,737
	2,741,105		2,761,298		2,755,645		2,771,759		2,752,770	34:	2,740,283
	2,744,393		2,765,638		2,759,342		2,774,232		2,759,347	8: 2,766,605	
	2,745,263		2,773,365		2,763,144		2,779,958		2,759,348	8: 2,775,111	
	2,747,382	12:	2,770,113		20: 2,748,580		2,757,535		2,766,601	93:	2,734,373
	2,747,383	13:	2,745,267		24: 2,738,661		2,739,467		2,770,961	16:	2,759,349
	2,753,699		2,753,702		2,740,276		2,730,883		2,736,183	22:	2,772,553
	2,761,292		2,764,002		2,775,106		2,740,279		2,748,586		2,775,112
	2,773,364	14:	2,764,003		25: 2,756,574		2,746,276		2,756,580	25:	2,739,350
141:	2,734,357	15:	2,733,580		2,764,006		2,774,233		2,757,530	26:	2,744,404
	2,739,461	17:	2,729,075		27: 2,775,107		2,747,392		2,730,886	58:	2,733,589
	2,740,269		2,730,876		28: 2,751,768		2,741,108		2,742,772	63:	2,729,088
	2,746,271		2,740,272		43: 2,731,817		2,757,529		2,745,273	68:	2,729,088
	2,752,763		2,746,273		45: 2,756,575		2,771,760		2,751,773	68:	2,762,216
	2,756,570		2,770,114		48: 2,751,769	67—	4: 1: 2,729,085		2,761,303	78:	2,741,114
	2,761,293		2,773,366		2,757,526		2,733,585		2,765,644	81:	2,740,284
	2,762,209		2,773,367		2,740,277		2,742,734		2,766,602	81:	2,744,405
	2,771,752		2,773,368		2,743,595		2,735,281		2,757,531		2,767,570
	2,774,229	20:	2,762,210		2,754,669		2,771,761		2,764,884	89:	2,755,654
	2,774,358	21:	2,755,641		2,765,641		2,729,959		2,771,766	92:	2,752,773
	2,797,563		2,762,211		Re 2,423,239		2,732,697		2,756,581	27:	2,736,184
154:	2,766,597	23:	2,761,299		55: 2,736,178		2,732,698		2,764,010	97:	2,769,330
169:	2,748,576	24:	2,741,900		60: 2,735,282		2,732,699		2,770,119	100:	2,731,821
	2,755,639	25:	2,740,273		2,759,343		2,736,181		2,770,120		2,736,185
	2,770,110		2,743,593		2,774,397		2,734,364		2,770,121	120:	2,739,471
	2,770,111		2,743,594		77: 2,729,081		2,736,181		2,770,122	129:	2,739,472
	2,774,230		2,757,522		82: 2,731,818		2,741,109		2,770,121	129:	2,735,287
170:	2,729,074	26:	2,730,877		2,758,459		2,741,903		2,742,773	133:	2,766,606
	2,746,272	27:	2,739,462		2,743,596		2,743,597		2,729,087		2,775,113
	2,753,700		2,745,268		2,759,344		2,744,401		2,734,366		2,775,114
	2,760,355		2,751,766		2,736,179		2,746,277		2,755,650		2,775,115
	2,764,880		2,760,360		2,733,583		2,750,774		2,755,651	135:	2,731,822
	2,766,598		2,764,004		2,744,398		2,751,772		2,740,282	132:	2,740,282
173:	2,751,762		2,775,105		2,749,729		2,734,367		2,744,402	133:	2,754,671
	2,759,355	28:	2,739,463		2,749,730		2,759,345		2,770,122		2,767,571
175.5:	2,729,954		2,744,396		2,750,772		2,760,364		2,773,374	141:	2,759,351
	2,730,877		2,748,578		2,775,108		2,763,120		2,773,374	142:	2,736,186
	2,732,693		2,761,300		89: 2,733,584		2,764,008		2,741,905	146:	2,738,665
	2,743,590		2,773,369		2,734,366		2,764,883		2,739,472		2,739,472
	2,744,394	29:	2,729,075		2,736,180		2,769,325		2,730,887		2,740,285
	2,753,701		2,758,457		2,741,106		2,769,326		2,750,782	139:	2,743,600
	2,765,636		2,760,361		2,755,646		2,770,960		2,734,368	142:	2,764,014
	2,765,637		2,764,882		93: 2,762,212		2,771,762		2,738,462		2,770,124
	2,769,321		2,773,370		95: 2,730,880		2,735,285		2,732,702	150:	2,773,376
63—	2: 2,748,577	30:	2,729,077		96: 2,753,704		2,740,280		2,735,286	151:	2,729,089
	12: 2,769,322		2,729,078		106: 2,762,213		2,758,460		2,741,111	175:	2,754,672
	14: 2,732,694		2,729,079		2,767,527		2,771,763		2,758,463		2,772,555
	2,745,264		2,731,814		108: 2,734,361		2,734,365		2,758,464	153:	2,772,555
	2,733,699		2,741,102		2,761,302		2,745,271		2,741,112	177:	2,748,589
	2,764,000		2,751,767		110: 2,745,270		2,750,775		2,730,888	181:	2,735,289
	2,764,881		2,753,703		2,762,214		2,771,764		2,745,274	185:	2,747,396
15:	2,756,571		2,755,642		2,770,959		2,736,182		2,760,365		2,770,125
15.2:	2,751,763		2,757,523		2,748,581		2,741,110		2,764,011	201:	2,734,374
	2,761,294		2,763,141		115: 2,750,881		2,747,393		2,765,645	210:	2,759,352
15.3:	2,729,955		2,766,600		117: 2,748,582		2,733,586		2,772,552	211:	2,732,703
15.6:	2,743,591		2,770,115		2,756,576		2,730,884		2,774,237		2,741,906
	2,745,265		31: 2,756,573		118: 2,738,662		2,729,960		2,724,109	184:	2,738,666
	2,746,266	32:	2,755,643		2,770,116		2,730,885		2,729,962		2,731,823
	2,766,599	12:	2,730,878		2,767,566		2,740,281		2,755,652	228:	2,735,629
	2,770,112		2,750,767		125: 2,770,117		2,756,577		2,770,123	224:	2,750,785
15.7:	2,763,140		2,729,956		126: 2,730,882		2,756,578		2,768,519	232:	2,749,738
	2,764,001		2,747,387		2,764,007		2,768,517		2,753,708		2,758,465
	2,771,753		2,749,727		2,775,109		2,771,765		2,746,280	190:	2,766,607
21:	2,751,764		2,750,768		127: 2,755,647		2,745,272		2,730,889	198:	2,743,601
23:	2,731,812		2,757,524		130: 2,746,274		2,749,732		2,736,184	205:	2,765,648
26:	2,756,572		2,761,301		132: 2,744,399		2,755,649		2,739,470		2,765,648
	2,774,231		2,763,142		2,750,773		41: 2,743,598		2,741,113	303:	2,766,608
29:	2,733,578		2,765,639		2,767,567		50: 2,756,579		2,746,281	318:	2,732,704
	2,733,579		2,770,960		138: 2,751,770		53: 2,774,235		2,748,587		2,760,786
	2,752,764	15:	2,732,696		140: 2,773,372		74: 2,741,904		2,748,588	322:	2,766,609
64—	1: 2,734,359		2,733,581		145: 2,746,275		87: 2,747,394		2,749,736	333:	2,760,710
	2,735,281		2,739,464		146: 2,771,756		2,749,733		2,750,783		2,767,572
	2,738,660		2,741,901		147: 2,749,731		1: 2,748,584		2,764,012	337:	2,750,787
	2,750,765		2,750,769		149: 2,729,082		4: 2,774,236		2,764,013		2,729,091
	2,761,357		2,755,644		2,760,362		5: 2,746,278		2,770,962	358:	2,772,556
	2,761,295		2,767,525		2,769,324		2,767,568		2,773,375	363:	2,772,557
	2,761,296		2,764,005		150: 2,763,145		9: 2,739,468		2,731,820	364:	2,729,092
	2,772,546		2,765,640		2,768,516		12: 2,747,395		2,734,369		2,755,656
	2,772,547		2,767,565		155: 2,744,400		2,748,585		2,758,465	210:	2,766,610
	2,747,384		2,770,957		156: 2,741,107		2,750,776		2,744,403	213:	2,766,603
	2,759,341		2,771,754		157: 2,748,583		2,750,777		2,750,784	244:	2,744,403
	2,761,297		2,771,755		2,755,648		2,729,963		2,734,370	249:	2,745,273
	2,772,548	20:	2,763,143		160: 2,760,363		2,768,518		2,734,371	370:	2,741,907
4:	2,772,549	31:	2,741,902		163: 2,734,362		2,769,327		2,735,653	379:	2,

70—	414: 2,738,667	72—	1: 2,758,467	73—	19: 2,741,911	73—	69: 2,735,292	73—	155: 2,739,476	73—	278: 2,750,799
443: 2,756,582			2,769,332		2,756,585		70: 2,730,895		2,741,916		279: 2,742,785
451: 2,770,964			6: 2,746,283		2,708,523		2,739,474		2,741,917		281: 2,753,712
452: 2,747,397			8: 2,731,824		2,741,912		23: 2,754,078		2,775,120		291: 2,766,622
456: 2,729,965			13: 2,729,043		2,745,275		24: 2,754,079		2,775,121		290: 2,741,120
	2,733,591		15: 2,708,520		2,729,097		71: 2,742,779		2,730,898		301: 2,773,385
	2,738,668		16: 2,741,117		2,734,376		71.2: 2,764,019		2,735,297		302: 2,747,404
	2,740,282		2,741,908		2,731,777		71.4: 2,764,020		2,732,781		2,761,316
	2,751,774		2,742,776		2,759,354		73: 2,729,098		2,752,782		2,767,383
	2,753,710		2,748,591		2,763,151		2,735,293		2,765,655		2,735,301
	2,756,583		2,748,592		2,742,780		2,742,780		2,757,337		2,738,673
	2,769,333		2,764,884		2,741,119		2,767,574		2,762,220		2,741,124
457: 2,771,768			2,733,592		2,746,284		78: 2,740,280		2,729,975		2,750,800
498: 2,772,559			19: 2,769,333		2,754,078		73: 2,737,535		2,731,829		2,760,374
			23: 2,741,909		35: 2,730,893		2,758,471		2,733,600		2,766,623
71—	1: 2,732,200		24: 2,732,705		2,736,192		82: 2,761,313		2,767,578		2,767,584
	2,756,134		32: 2,748,593		36: 2,746,285		83: 2,742,781		2,766,619		2,769,338
2.2: 2,749,227			35: 2,736,187		2,746,286		84: 2,774,240		2,770,133		305: 2,741,125
	2,760,854		2,761,775		2,752,779		88: 2,735,294		2,735,298		313: 2,752,302
	2,769,702		2,764,887		2,752,777		2,735,294		2,740,293		2,738,674
	2,773,757		38: 2,732,706		37: 2,754,677		2,763,154		2,739,477		2,752,783
	2,774,817		41: 2,736,188		2,775,116		2,763,155		2,740,294		2,758,474
	2,746,853		2,745,276		37.5: 2,731,825		2,749,746		2,762,221		2,773,386
	2,747,982		2,749,739		2,755,659		2,765,659		2,764,880		317: 2,744,411
	2,747,983		2,770,965		37.6: 2,729,965		2,775,118		2,773,382		2,760,373
	2,749,228		2,742,777		2,750,792		89: 2,756,590		2,751,785		319: 2,752,784
	2,763,539		46: 2,745,277		37.7: 2,756,586		92: 2,750,796		2,775,122		2,771,774
	2,772,152		2,752,774		37.8: 2,746,288		94: 2,746,288		2,775,123		321: 2,767,385
	2,773,758		2,755,657		37.9: 2,732,711		2,760,370		2,736,198		322: 2,738,675
2.4: 2,731,337			55: 2,753,711		2,746,287		95: 2,757,586		2,761,315		2,772,568
	2,739,052		61: 2,754,674		2,749,742		97: 2,754,680		2,775,124		323: 2,732,715
	2,739,053		68: 2,751,776		2,751,778		100: 2,732,712		2,783,601		2,741,126
	2,741,550		77: 2,741,910		2,733,595		2,735,295		2,743,608		2,752,785
	2,749,229		101: 2,762,217		2,740,288		2,742,782		2,749,749		324: 2,765,659
	2,749,230		2,764,888		2,751,779		2,745,281		2,751,786		2,765,660
	2,768,889		2,748,594		2,755,660		2,736,155		2,767,579		329: 2,767,386
	2,770,937		2,772,560		2,769,335		101: 2,736,155		2,738,677		330: 2,767,387
2.5: 2,734,815			118: 2,742,778		40: 2,738,669		104: 2,765,652		187: 2,773,383		334: 2,765,661
	2,746,854		121: 2,732,707		2,743,598		105: 2,733,598		188: 2,770,128		335: 2,733,607
	2,756,135		128: 2,733,593		2,743,598		113: 2,741,914		2,770,129		337: 2,739,479
2.6: 2,731,338			2,750,789		2,733,595		116: 2,730,896		2,749,750		339: 2,756,595
	2,731,339		2,758,468		2,772,564		2,735,296		2,733,602		342: 2,733,713
	2,732,291		2,761,305		2,771,767		2,755,663		2,743,609		343: 2,741,919
	2,734,816		2,768,521		2,750,790		2,763,155		2,749,750		349: 2,767,386
	2,741,115		2,757,532		45.2: 2,773,890		2,766,616		2,733,603		2,755,665
	2,741,116		136: 2,773,377		45.3: 2,766,613		2,774,241		2,766,620		2,756,596
	2,744,818		1: 2,729,094		45.4: 2,750,793		2,746,289		2,774,242		344: 2,741,129
	2,744,819		2,729,095		46: 2,761,311		2,749,747		2,733,604		345: 2,741,920
	2,745,729		2,741,118		2,766,614		118: 2,730,897		2,741,121		349: 2,764,023
	2,747,984		2,758,469		49.2: 2,751,780		119: 2,756,591		2,741,918		350: 2,741,127
	2,749,232		2,761,306		49.3: 2,745,279		134: 2,744,409		2,745,291		352: 2,734,382
	2,753,251		2,765,649		49.4: 2,743,604		2,761,314		2,757,538		353: 2,746,293
	2,754,188		2,770,126		49.5: 2,755,661		2,775,119		2,766,621		355: 2,745,284
	2,758,918		2,767,612		49.6: 2,751,771		136: 2,732,713		2,770,130		357: 2,740,295
	2,761,773		2,765,650		49.7: 2,744,407		2,736,156		2,771,772		360: 2,745,285
	2,761,774		2,770,126		53: 2,729,098		2,766,617		2,771,773		361: 2,742,786
	2,761,774		2,768,522		2,738,694		2,768,525		2,775,125		362: 2,769,340
	2,762,085		2,772,561		56: 2,749,744		2,736,156		2,771,774		363: 2,753,715
	2,762,086		2,772,562		57: 2,747,985		2,736,157		2,771,775		367: 2,742,787
	2,763,540		2,770,126		58: 2,749,744		2,736,158		2,771,776		2,743,612
	2,764,478		2,770,126		59: 2,749,744		2,736,159		2,771,777		2,743,613
	2,765,224		2,770,126		60: 2,738,695		2,736,160		2,771,778		2,755,666
	2,767,071		2,770,126		61: 2,738,696		2,736,161		2,771,779		2,732,716
	2,767,071		2,770,126		62: 2,738,697		2,736,162		2,771,780		369: 2,732,717
	2,767,071		2,770,126		63: 2,738,698		2,736,163		2,771,781		371: 2,729,977
	2,767,071		2,770,126		64: 2,738,699		2,736,164		2,771,782		373: 2,735,716
	2,767,071		2,770,126		65: 2,738,700		2,736,165		2,771,783		2,737,540
	2,767,071		2,770,126		66: 2,738,701		2,736,166		2,771,784		375: 2,737,541
	2,767,071		2,770,126		67: 2,738,702		2,736,167		2,771,785		379: 2,747,406
	2,767,071		2,770,126		68: 2,738,703		2,736,168		2,771,786		381: 2,763,156
	2,767,071		2,770,126		69: 2,738,704		2,736,169		2,771,787		382: 2,732,717
	2,767,071		2,770,126		70: 2,738,705		2,736,170		2,771,788		2,732,718
	2,767,071		2,770,126		71: 2,738,706		2,736,171		2,771,789		2,732,719
	2,767,071		2,770,126		72: 2,738,707		2,736,172		2,771,790		384: 2,741,921
	2,767,071		2,770,126		73: 2,738,708		2,736,173		2,771,791		386: 2,755,667
	2,767,071		2,770,126		74: 2,738,709		2,736,174		2,771,792		387: 2,731,831
	2,767,071		2,770,126		75: 2,738,710		2,736,175		2,771,793		388: 2,761,317
	2,767,071		2,770,126		76: 2,738,711		2,736,176		2,771,794		389: 2,738,677
	2,767,071		2,770,126		77: 2,738,712		2,736,177		2,771,795		390: 2,752,786
	2,767,071		2,770,126		78: 2,738,713		2,736,178		2,771,796		2,770,134
	2,767,071		2,770,126		79: 2,738,714		2,736,179		2,771,797		391: 2,729,010
	2,767,071		2,770,126		80: 2,738,715		2,736,180		2,771,798		2,745,286
	2,767,071		2,770,126		81: 2,738,716		2,736,181		2,771,799		395: 2,747,407
	2,767,071		2,770,126		82: 2,738,717		2,736,182		2,771,800		2,748,022
	2,767,071		2,770,126		83: 2,738,718		2,736,183		2,771,801		397: 2,746,294
	2,767,071		2,770,126		84: 2,738,719		2,736,184		2,771,802		398: 2,735,717
	2,767,071		2,770,126		85: 2,738,720		2,736,185		2,771,803		2,741,128
	2,767,071		2,770,126		86: 2,738,721		2,736,186		2,771,804		2,746,285
	2,767,071		2,770,126		87: 2,738,722		2,736,187		2,771,805		2,747,408
	2,767,071		2,770,126		88: 2,738,723		2,736,188		2,771,806		2,749,754
	2,767,071		2,770,126		89: 2,738,724		2,736,189		2,771,807		2,758,475
	2,767,071		2,770,126		90: 2,738,725		2,736,190		2,771,808		2,759,361
	2,767,071		2,770,126		91: 2,738,726		2,736,191		2,771,809		2,761,318
	2,767,071		2,770,126		92: 2,738,727		2,736,192		2,771,810		2,769,341
	2,767,071		2,770,126		93: 2,738,728		2,736,193		2,771,811		
	2,767,071		2,770,126		94: 2,738,729		2,736,194		2,771,812		
	2,767,071		2,770,126		95: 2,738,730		2,736,195		2,771,813		
	2,767,071		2,770,126		96: 2,738,731		2,736,196		2,771,814		
	2,767,071		2,770,126		97: 2,738,732		2,736,197		2,771,815		
	2,767,071		2,770,126		98: 2,738,733		2,736,198		2,771,816		
	2,767,071		2,770,126		99: 2,738,734		2,736				



73—398: 2,772,569	74—5.7: 2,741,922	74—87: 2,730,902	74—230.17: 2,767,591	74—388: 2,762,231	74—472: 2,757,552
399: 2,736,200	6: 2,745,259	2,741,926	2,769,345	2,765,667	2,758,487
407: 2,746,296	2,753,719	2,747,418	2,770,978	2,768,531	2,761,328
408: 2,747,409	2,759,364	2,757,544	2,773,393	2,769,348	2,762,235
411: 2,730,481	7: 2,747,414	88: 2,737,545	2,734,390	2,773,396	2,765,670
416: 2,752,787	2,752,794	89: 2,773,391	2,752,797	2,775,132	2,766,639
420: 2,741,129	2,753,720	95: 2,749,759	2,736,205	2,775,133	2,767,994
421: 2,761,319	2,762,224	2,764,894	2,738,681	2,763,160	2,768,534
421: 2,746,287	2,764,028	2,743,617	2,763,158	391: 2,746,313	2,769,350
421.5: 2,731,832	2,771,750	2,737,546	2,757,590	393: 2,764,032	2,770,146
2,767,587	8: 2,755,670	97: 2,771,784	2,733,612	394: 2,770,145	2,770,147
422: 2,729,105	2,760,377	99: 2,734,387	2,729,110	2,745,616	2,770,148
2,729,105	10.15: 2,759,344	2,739,454	2,741,134	2,757,592	2,771,788
2,736,201	10.2: 2,765,665	2,743,618	2,764,896	395: 2,762,382	2,732,728
2,742,738	2,770,136	2,746,304	2,756,604	2,739,488	2,754,692
2,749,755	10.29: 2,775,127	2,759,367	2,729,111	2,739,489	2,773,398
2,757,541	10.33: 2,773,390	2,770,141	2,730,805	397: 2,746,313	2,775,134
423: 2,738,679	10.45: 2,770,339	100: 2,760,802	2,766,634	405: 2,747,423	2,739,492
2,759,362	10.5: 2,756,599	104: 2,754,688	2,770,142	2,748,617	2,762,236
425.2: 2,753,717	2,761,321	2,748,613	2,729,112	2,769,349	2,767,995
425.4: 2,751,787	10.52: 2,751,788	2,758,480	2,738,682	409: 2,735,310	2,766,640
425.6: 2,756,597	10.54: 2,731,837	2,762,225	2,736,206	2,763,161	2,775,135
426: 2,770,135	10.6: 2,759,365	2,747,419	2,764,031	2,765,668	2,744,418
427: 2,742,789	2,774,243	107: 2,732,723	2,736,207	412: 2,738,616	2,747,425
429: 2,747,410	10.7: 2,734,386	110: 2,733,611	2,747,412	2,744,418	2,755,684
431: 2,773,388	15.2: 2,731,838	2,740,300	2,743,391	417: 2,729,113	2,756,612
432: 2,735,304	15.63: 2,743,615	2,742,792	2,749,762	2,739,490	2,731,830
2,740,296	2,765,664	2,743,619	2,752,798	2,750,806	2,742,736
2,761,320	15.8: 2,731,839	2,749,760	2,753,724	421: 2,736,209	2,773,399
2,766,624	2,731,840	2,766,630	2,770,143	2,736,210	2,770,149
2,771,777	2,747,415	2,770,144	2,741,928	2,741,928	2,749,769
437: 2,760,374	15.84: 2,747,416	2,772,573	2,766,635	2,762,232	2,738,682
438: 2,758,477	2,756,600	2,772,574	2,773,394	2,765,669	2,771,786
2,768,529	15.86: 2,736,202	2,739,486	2,762,227	424: 2,746,314	2,769,351
439: 2,755,669	2,741,130	2,758,481	2,739,486	424.5: 2,741,140	2,770,191
444: 2,746,298	2,749,756	120: 2,735,306	2,769,346	424.8: 2,734,392	2,735,211
453: 2,760,375	2,752,795	125: 2,736,204	2,749,763	2,738,684	2,767,996
2,765,662	2,761,322	125.5: 2,775,129	2,751,791	2,738,685	500: 2,775,136
2,775,126	15.88: 2,766,628	126: 2,744,413	2,755,677	2,740,302	501.5: 2,744,420
458: 2,731,833	16: 2,730,901	128: 2,745,620	2,753,725	2,743,623	502: 2,735,311
2,739,482	2,731,841	131: 2,757,547	2,754,690	2,735,681	2,751,793
461: 2,746,299	2,745,604	141.5: 2,730,903	2,735,309	2,755,682	503: 2,738,686
462: 2,773,389	2,770,138	2,731,842	2,752,799	2,757,548	2,746,317
463: 2,730,899	17.8: 2,742,790	2,761,323	2,752,799	2,758,485	2,751,794
2,731,834	18.1: 2,746,302	2,770,139	2,760,636	2,760,636	2,751,795
2,731,835	2,770,139	2,755,674	2,732,725	2,760,380	2,768,535
465: 2,748,603	18.2: 2,739,109	148: 2,764,895	2,739,487	2,768,532	2,768,532
466: 2,740,297	2,749,757	150: 2,766,632	2,762,228	2,771,787	504: 2,729,985
2,754,684	2,755,671	152: 2,741,927	2,747,422	2,732,726	507: 2,747,426
468: 2,754,685	2,755,672	153: 2,746,305	2,753,727	2,734,393	2,757,553
477: 2,754,686	2,755,673	157: 2,750,803	2,773,395	2,768,533	510: 2,741,980
478: 2,740,298	2,757,548	161: 2,771,785	2,753,726	2,768,534	518: 2,765,671
480: 2,733,680	22: 2,748,605	169: 2,750,804	2,761,324	431: 2,741,929	2,765,672
481: 2,745,287	25: 2,739,483	190.5: 2,766,633	2,742,795	434: 2,744,417	2,757,549
483: 2,747,411	2,741,923	193: 2,764,029	2,746,309	2,764,900	2,759,350
487: 2,752,788	2,757,543	194: 2,735,307	2,763,159	436: 2,751,792	2,756,672
1: 2,733,698	2,764,803	198: 2,734,388	2,731,846	439: 2,745,618	2,736,212
2: 2,734,393	26: 2,756,601	199: 2,743,621	2,733,614	440: 2,764,034	2,753,734
2,756,133	31: 2,732,722	2,746,306	2,738,683	441: 2,734,394	526: 2,729,986
1.5: 2,743,614	2,743,616	2,756,603	2,753,727	443: 2,753,731	527: 2,731,851
2,762,222	32: 2,771,782	2,775,125	2,762,229	446: 2,759,368	2,741,980
2,769,342	37: 2,756,602	2,770,976	2,772,576	457: 2,750,807	2,753,735
2: 2,730,900	44: 2,767,588	200: 2,730,904	2,773,396	458: 2,760,381	2,764,036
2,747,412	45: 2,749,758	2,731,843	2,772,577	459: 2,739,491	2,765,673
2,759,363	49: 2,748,606	2,734,389	2,773,397	2,756,608	2,770,192
2,762,223	2,770,972	2,748,614	2,772,578	2,756,609	529: 2,747,427
2,764,025	50: 2,775,128	202: 2,731,844	2,773,398	2,761,325	531: 2,741,138
2,764,026	2,741,131	203: 2,773,392	2,770,140	2,762,230	539: 2,731,852
2,764,027	2,770,973	206: 2,730,905	2,732,724	2,767,593	543: 2,761,796
5: 2,735,305	52: 2,736,203	2,765,665	2,774,247	459.5: 2,747,424	548: 2,749,770
2,740,299	2,754,687	2,748,615	2,748,615	467: 2,762,233	552: 2,765,674
2,760,376	54: 2,741,132	209: 2,729,979	2,733,615	470: 2,756,610	558: 2,765,675
2,766,625	2,770,974	213: 2,744,414	2,729,980	2,750,808	557: 2,729,116
5.1: 2,729,978	55: 2,759,366	216.8: 2,749,761	2,764,030	2,758,486	2,733,617
2,732,719	56: 2,741,924	2,749,761	2,772,577	2,762,234	562: 2,759,370
5.12: 2,769,343	2,770,140	216.5: 2,741,133	2,773,397	472: 2,729,983	2,735,212
5.2: 2,747,413	57: 2,747,417	2,758,482	2,774,249	2,729,984	564: 2,761,329
2,752,759	2,751,789	2,762,226	2,773,398	2,730,909	2,759,371
5.34: 2,729,979	2,755,673	217: 2,742,793	2,774,249	2,730,910	568: 2,745,619
2,729,107	2,767,589	2,753,722	2,774,249	2,731,849	569: 2,733,618
2,729,108	58: 2,742,791	2,774,248	2,774,249	2,732,727	2,733,619
2,732,720	61: 2,748,607	2,774,248	2,774,248	2,740,303	2,735,313
2,752,752	2,748,608	219: 2,747,420	2,774,248	2,740,303	2,741,831
2,752,753	2,748,609	221: 2,775,130	2,774,248	2,740,303	572: 2,730,911
2,758,478	2,766,629	228: 2,741,135	2,774,248	2,740,303	573: 2,734,395
2,771,779	2,774,244	2,765,666	2,774,248	2,740,303	574: 2,760,383
5.4: 2,746,300	62: 2,746,303	229: 2,770,977	2,774,248	2,740,303	575: 2,757,555
2,752,790	63: 2,772,571	230.01: 2,755,675	2,774,248	2,740,303	577: 2,732,730
5.41: 2,732,721	2,764,025	230.05: 2,730,906	2,774,248	2,740,303	579: 2,738,687
5.43: 2,772,570	69: 2,748,610	230.17: 2,731,845	2,774,248	2,740,303	2,741,933
5.44: 2,756,598	70: 2,741,925	2,735,308	2,774,248	2,740,303	584: 2,775,137
5.45: 2,734,385	2,748,611	2,741,135	2,774,248	2,740,303	585: 2,767,597
5.47: 2,745,288	2,748,612	2,741,135	2,774,248	2,740,303	591: 2,739,493
2,769,157	75: 2,733,699	2,741,135	2,774,248	2,740,303	2,741,141
5.5: 2,734,384	2,752,796	2,742,794	2,774,248	2,740,303	
2,766,626	2,753,721	2,745,291	2,774,248	2,740,303	
5.6: 2,746,301	2,768,530	2,745,292	2,774,248	2,740,303	
2,752,791	79: 2,738,479	2,746,307	2,774,248	2,740,303	
2,753,718	81: 2,733,610	2,751,790	2,774,248	2,740,303	
2,766,627	84: 2,774,245	2,753,723	2,774,248	2,740,303	
5.7: 2,729,106	2,774,246	2,754,689	2,774,248	2,740,303	
2,731,836	86: 2,772,572	2,755,676	2,774,248	2,740,303	

74—594.4:	2,731,854	74— 732:	2,747,430	75— 5:	2,758,919	75— 84.5:	2,760,858	75— 147:	2,766,116	77— 3:	2,741,936
	2,749,771		2,756,616		2,767,074		2,763,452		2,752,239		2,747,437
	2,751,797		2,764,902		2,768,890		2,766,111		2,752,240		2,774,260
595:	2,750,811		2,770,151		2,772,308		2,766,112		2,754,202	4:	2,742,402
	2,773,400		2,772,581		7:	2,759,809		2,766,113		152:	2,762,707
596:	2,729,117	740:	2,749,776	9:	2,750,275		2,770,541	157.5:	2,772,962	5:	2,729,990
597:	2,730,912		2,757,557		2,772,133		2,773,759	159:	2,744,822		2,732,734
	2,741,932		2,772,582		2,774,661		2,776,521		2,752,241		2,741,144
	2,755,314		2,774,256	10:	2,732,922	85:	2,732,236		2,752,242		2,742,622
	2,747,428	745:	2,738,690		2,741,553		2,756,139		2,755,182	6:	2,750,816
600:	2,741,142		2,764,041		2,752,233	86:	2,745,736		2,768,893	7:	Re.24,203
	2,760,384		2,764,041		2,755,178	88:	2,766,114		2,772,903		2,748,628
606:	2,731,854	750:	Re.24,153		2,768,074	91:	2,745,737	162:	2,731,348		2,749,788
	2,743,627		2,759,373		2,769,705	92:	2,767,080	163:	2,730,287	13:	2,747,433
	2,751,798		2,759,374		2,769,706	94:	2,760,859	166:	2,744,008	14:	2,772,585
	2,756,614		2,775,143	11:	2,729,556	99:	2,744,007	168:	2,742,355	18:	2,732,735
	2,765,672	751:	2,741,934		2,753,140	101:	2,740,707		2,742,357		2,732,737
	2,775,188		2,744,422		2,744,820		2,756,140		2,745,741	22:	2,757,560
607:	2,735,315		2,764,903		2,747,985		2,756,141		2,747,991	25:	2,738,691
625:	2,745,294		2,765,678		2,772,959		2,761,777		2,750,288		2,764,044
	2,753,736	752:	2,736,213		2,775,518		2,762,703		2,774,664	27:	2,762,243
	2,753,737		2,736,214	12:	2,745,731	105:	2,729,557	170:	2,747,992	29:	2,771,797
	2,760,385		2,743,625	13:	2,739,055		2,733,900		2,771,359	32.2:	2,738,692
	2,761,330		2,763,165	14:	2,754,196		2,734,821	171:	Re.24,242	32.3:	2,768,539
	2,771,331		2,763,166	20:	2,751,289		2,740,708		Re.24,244	32.4:	2,748,629
	2,771,789		2,771,792	24:	2,732,235		2,753,257		2,742,356	33.5:	2,762,241
	2,772,578		2,774,257	25:	2,746,857		2,767,081		2,743,176	36:	2,759,373
626:	2,775,139	753:	2,771,793	26:	2,742,352		2,767,082		2,744,009	38:	2,767,600
645:	2,763,162		2,782,583		2,742,353		2,767,083		2,744,010	44:	2,747,439
	2,729,118		2,736,215		2,742,354	115:	2,746,859		2,744,011	55:	2,760,387
	2,756,615		2,761,333		2,744,004	118:	2,752,237		2,746,860		2,744,204
650:	2,729,119	761:	2,749,777		2,745,732		2,753,258		2,747,993		2,775,148
664:	2,768,536	763:	2,748,622		2,750,276	119:	2,733,142		2,755,183	57:	2,744,423
665:	2,732,731		2,764,904		2,752,234		2,735,760		2,761,778	58:	2,729,991
	2,734,396		2,771,794		2,767,073		2,749,235		2,763,547		2,742,800
	2,742,797	765:	2,747,431		2,774,662		2,753,259	173:	2,743,823		2,747,440
	2,742,798		2,768,534	27:	2,765,225		2,757,080	175.5:	2,732,156		2,755,690
	2,744,421		2,748,623	28:	2,747,986		2,766,115		2,740,711		2,771,798
	2,746,318	769:	2,751,799	30:	2,747,987	121:	2,740,709		2,739,887		2,773,402
	2,749,772		2,775,144	31:	2,767,073		2,757,081		2,750,289	61:	2,775,149
	2,754,693	774:	2,747,432	33:	2,747,988		2,758,024		2,754,203		2,731,858
	2,755,685		2,731,857	34:	2,744,005	122:	2,763,543		2,754,204		2,734,403
	2,755,686		2,747,433		2,767,076	122.7:	2,743,174		2,754,205		2,740,308
	2,755,687		2,764,696	35:	2,740,706	123:	2,730,443		2,754,206		2,744,424
	2,759,372		2,754,697		2,755,177		2,734,822		2,758,922		2,749,781
	2,764,039		2,754,698		2,755,179		2,739,057		2,763,548		2,753,740
	2,767,598		2,771,795	36:	2,754,197		2,749,236		2,769,707		2,761,334
	2,770,149		2,773,401		2,750,277		2,754,200	177:	2,746,861		2,772,964
	2,771,790	785:	2,734,400	40:	2,745,733		2,759,810	201:	2,729,559	63:	2,742,801
	2,772,579	792:	2,734,401		2,754,734		2,772,154	204:	2,744,011		2,747,441
	2,775,140		2,757,558		2,750,278		2,773,154		2,753,261	64:	2,752,802
674:	2,740,307	794:	2,743,628		2,756,137	124:	Re.24,243		2,755,691		2,772,965
	2,761,332	796:	2,747,434	41:	2,729,555		2,744,821		2,756,692		2,773,403
	2,774,252		2,759,377		2,735,738		2,750,283	206:	2,769,708		2,775,149
675:	2,730,913	798:	2,745,298		2,760,856	125:	2,750,282		2,767,087		2,775,149
	2,757,556	801:	2,749,778		2,771,355		2,763,544	211:	2,745,742	68:	2,739,496
	2,771,791		2,759,376	43:	2,734,818		2,773,519		2,751,293		2,769,355
	2,772,580		2,750,814		2,746,858	214:	2,775,149		2,754,631	70:	2,748,631
	2,774,253	812:	2,749,779		2,754,198		2,775,520	221:	2,769,709		2,775,149
	2,774,254		2,758,489		2,755,180	126:	2,745,738	224:	2,755,184	73.5:	2,739,497
677:	2,739,494		2,765,679		2,772,960		2,752,238		2,766,117		2,745,299
	2,745,295		2,772,584	46:	2,739,056		2,753,260	226:	2,753,262		2,744,425
	2,745,296	813:	2,753,620		2,762,701		2,763,545	76— 5:	2,764,042	78—	2,754,702
	2,749,773		2,748,624	52:	2,733,141		2,764,841		2,767,599		2,731,859
	2,755,688		2,764,699		2,741,554		2,773,761	29:	2,771,796		2,732,738
	2,758,488	815:	2,770,984		2,741,555		2,743,175	31:	2,736,216	13:	2,756,617
	2,762,237	817:	2,748,625		2,767,077		2,745,739		2,741,143	17:	2,731,860
	2,762,238	820:	2,757,559	53:	2,750,279		2,747,989		2,762,241		2,759,379
	2,763,163	822:	2,754,700	54:	2,767,078		2,751,291		2,762,241		2,773,403
	2,766,641	75— 5:	2,730,441		2,767,079		2,758,025	36:	2,770,152	18:	2,759,380
	2,768,537		2,734,817	55:	2,730,442		2,759,811	37:	2,729,987	20:	2,742,802
679:	2,764,901		2,735,757		2,741,556		2,762,704	40:	2,735,316	21:	2,734,404
686:	2,750,812		2,744,002		2,750,280		2,771,358		2,775,144		2,747,442
687:	2,763,164		2,744,003		2,758,920		2,772,155	41:	2,775,145	22:	2,746,321
	2,774,255		2,749,234	58:	2,771,356	130:	2,747,990	43:	2,742,799		2,767,601
688:	2,747,429		2,750,271		2,762,702		2,749,237		2,762,242	44:	2,754,703
689:	2,738,688		2,751,288		2,734,819		2,749,238		2,764,043		2,764,045
	2,745,297		2,754,193	66:	2,750,281		2,750,284	47:	2,729,120	60:	2,744,426
	2,765,677		2,754,194		2,774,663		2,751,292	48:	2,739,377	62:	2,768,540
690:	2,762,239		2,754,195	68:	2,734,820		2,754,201	64:	2,732,733	78:	2,748,632
691:	2,734,397		2,757,077		2,754,199		2,757,082	65:	2,741,935	82:	2,745,300
695:	2,730,914		2,757,078		2,762,702		2,762,705	70:	2,766,642		2,754,704
700:	2,770,150		2,758,021		2,768,075	130.5:	2,745,740	77:	2,729,988		2,774,262
710.5:	2,742,684		2,759,808	70:	2,751,290	133:	2,750,285	79:	2,774,258	89:	2,754,705
	2,746,319		2,761,776	72:	2,768,891		2,755,181		2,775,146		2,765,617
	2,749,774		2,762,700	74:	2,735,739		2,757,083	80:	2,748,626		2,750,818
	2,768,538		2,765,541	76:	2,732,244		2,759,812	86:	2,765,680	94:	2,769,382
711:	2,734,398		2,766,108		2,741,557	133.5:	2,740,710		2,765,681		2,750,819
	2,746,320		2,772,956		2,758,022		2,750,286	88:	2,766,643		2,763,167
	2,748,620		2,775,516	77:	2,738,989	134:	2,729,558		2,766,644	79—	2,729,122
	2,750,813	1:	2,745,730	82:	2,757,079		2,731,341	89.1:	2,770,153	80—	2,730,916
	2,754,694		2,746,856		2,772,961		2,731,342	89.2:	2,729,121		2,754,706
	2,762,240		2,758,019	84:	2,744,006		2,735,761		2,729,989	5.1:	2,743,630
	2,769,353		2,758,020		2,745,735		2,757,084		2,730,915		2,748,633
	2,775,142		2,772,957		2,753,254		2,762,706		2,770,986	9:	2,779,388
720:	2,731,856	3:	2,741,552	84.1:	2,743,173		2,765,226	107:	2,743,629		2,779,388
	2,748,621		2,743,172		2,753,255		2,767,084		2,755,699	11:	2,771,800
722:	2,760,386		2,750,272		2,756,138		2,767,085		2,765,682	13:	2,761,336
	2,764,040		2,750,273		2,758,023		2,767,086	110:	2,770,987	14:	2,768,541
731:	2,749,775		2,755,177		2,771,357	142:	2,748,639	114:	2,774,259	16:	2,729,992
	2,753,738		2,766,109	84.4:	2,760,857		2,760,860	77— 2:	2,747,436		



80—	32: 2,734,405	81—	15: 2,757,562	81—	58.2: 2,738,493	82—	36: 2,770,993	85—	3: 2,775,154	88—	14: 2,729,137
38: 2,767,602			2,768,401		60: 2,729,897		2,771,807		5: 2,758,498		2,730,004
40: 2,775,151			2,768,339		2,733,623		37: Re.24,167		2,765,698		2,730,005
2,775,152			2,763,171		2,735,324		39: 2,757,565		6: 2,748,645		2,730,006
2,748,635			2,763,172		2,763,174		41: 2,747,451		5: 2,775,155		2,730,007
51: 2,762,245			2,765,686		62: 2,744,432		44: 2,733,627		8.3: 2,754,716		2,730,008
2,768,542			2,765,687		63.2: 2,734,413		1.04: 2,735,388		2,730,022		2,730,022
2,768,356			2,765,688		64: 2,743,640	84—	2,764,051		8.8: 2,741,988		2,731,874
55: 2,729,123			2,767,605		71: 2,735,325		2,772,993		2,749,789		2,731,875
2,734,406			2,768,544		2,765,304		1.1: 2,736,223		2,755,698		2,731,876
2,752,804			2,769,357		2,753,745		1.11: 2,772,594		2,775,156		2,731,877
2,760,389			2,769,358		2,758,494		1.14: 2,725,132		9: 2,738,388		2,731,878
2,734,407			2,772,587		72: 2,728,998		2,770,996		2,751,806		2,732,753
2,736,217			2,773,405		2,740,311		1.15: 2,764,052		2,752,814		2,733,630
2,767,603			2,774,267		2,747,448		2,769,361		2,760,400		2,733,631
2,767,604			2,774,268		73: 2,761,341		1.16: 2,746,333		10: 2,747,453		2,734,418
2,771,801			2,774,269		84: 2,733,624		1.17: 2,734,416		2,760,401		2,734,419
2,774,263		15.8:	2,759,384		2,736,221		1.18: 2,754,713		2,761,348		2,735,329
60: 2,750,820			2,768,545		2,749,787		2,774,272		13: 2,745,908		2,735,330
2,766,645		17:	2,735,323		2,750,826		1.2: 2,755,695		16: 2,751,807		2,735,331
3: 2,732,739		17.2:	2,734,408		2,751,801		2,766,334		21: 2,759,389		2,736,228
2,742,803			2,747,445		2,768,549		2,748,551		23: 2,741,939		2,739,503
2,746,536			2,764,046		2,769,359		2,733,628		30: 2,751,808		2,739,504
2,748,636		19:	2,759,385		85: 2,731,867		1.28: 2,767,007		2,768,552		2,740,319
2,749,783			2,767,606		88: 2,729,127		2,770,995		32: 2,755,699		2,740,320
2,752,805			2,772,588		2,772,591		93: 2,755,696		2,761,349		2,741,151
2,756,618		22:	2,744,430		90: 2,720,128		94: 2,735,328		2,767,609		2,741,941
2,763,169		33:	2,732,745		2,758,495		95: 2,751,803		33: 2,736,227		2,743,645
3.05: 2,770,998			2,734,409		2,770,991		97: 2,769,362		36: 2,744,436		2,743,646
3.1: 2,745,301			2,734,410		91: 2,734,414		171: 2,761,344		2,746,340		2,744,438
2,746,323			2,750,824		2,762,249		192: 2,760,398		38: 2,732,749		2,744,439
2,759,381			2,764,047		92: 2,731,868		199: 2,746,335		40: 2,744,437		2,744,440
2,759,382		36:	2,730,827		98: 2,733,625		202: 2,736,224		2,751,809		2,745,310
2,762,246			2,740,310		99: 2,742,808		236: 2,767,008		2,756,624		2,747,455
2,774,264			2,741,145		100: 2,735,326		250: 2,761,345		2,759,390		2,748,649
3.2: 2,729,124			2,754,708		101: 2,742,809		255: 2,751,804		2,765,699		2,749,796
2,747,443			2,770,156		3.32: 2,761,338		274: 2,741,987		43: 2,764,053		2,749,797
3.32: 2,732,740			2,770,157		3.41: 2,732,741		280: 2,736,225		45: 2,770,998		2,750,834
3.38: 2,761,338			2,771,803		3.42: 2,749,784		281: 2,761,346		47: 2,738,389		2,750,835
3.41: 2,732,741		39:	2,773,406		3.44: 2,771,802		282: 2,730,001		50: 2,770,161		2,751,811
3.42: 2,749,784		40:	2,729,126		3.48: 2,738,318		297: 2,753,749		61: 2,729,134		2,752,815
3.43: 2,771,801		41:	2,731,863		3.5: 2,750,821		302: 2,743,643	86—	1: 2,750,831		2,753,753
3.44: 2,731,861		43:	2,730,825		2,755,682		303: 2,743,644		10: 2,773,409		2,753,754
2,757,561		43:	2,764,095		2,756,690		307: 2,738,502		20: 2,751,810		2,756,627
3.46: 2,729,125		47:	2,747,446		2,765,691		309: 2,740,313		22: 2,738,699		2,757,968
2,739,498		49:	2,766,646		2,774,271		313: 2,741,460		23: 2,741,148		2,758,501
2,749,785		51:	2,729,996		125: 2,750,828		315: 2,736,226		29: 2,775,157		2,758,502
2,759,383		51:	2,729,997		2,752,811		317: 2,746,337		36: 2,748,648		2,759,391
2,738,318		51.3:	2,766,647		2,753,747		320: 2,754,714		39: 2,773,410		2,759,392
3.5: 2,750,821		51.5:	2,765,689		2,770,157		338: 2,746,338		40: 2,749,791		2,760,402
2,765,683		52.3:	2,733,621		2,772,592		360: 2,765,693		47: 2,746,341		2,764,055
3.7: 2,774,265			2,744,431		127: 2,765,690		375: 2,730,002	87—	1: 2,741,149		2,769,366
5.1: 2,736,218			2,747,447		2,765,691		376: 2,730,919		8: 2,753,751		2,765,682
6: 2,728,993			2,748,646		2,774,271		380: 2,730,003		9: 2,740,316		2,766,633
2,742,804			2,748,647		128: 2,745,305		401: 2,765,695		12: 2,732,750		2,768,543
2,744,266		52.4:	2,731,864		143: 2,748,639		402: 2,755,997		18: 2,774,274		2,769,365
2,743,631			2,731,865		146: 2,754,709		403: 2,752,813		31: 2,741,150		2,769,366
2,752,806			2,732,746		163: 2,739,500		404: 2,738,697		33: 2,745,309		2,770,162
2,752,807			2,733,622		2,743,641		405: 2,765,696		38: 2,748,648		2,772,997
9.3: 2,729,994			2,734,411		2,763,175		406: 2,764,056	87—	1: 2,738,321		2,773,412
2,746,324			2,736,219		165: 2,729,999		407: 2,765,693		2: 2,731,872		2,773,413
2,735,319			2,742,805		174: 2,754,710		408: 2,765,694		9: 2,740,317		2,773,414
2,735,320			2,743,635		175: 2,744,434		409: 2,765,695		12: 2,732,750		2,773,415
2,754,707			2,743,636		176: 2,755,694		410: 2,765,696		18: 2,774,274		2,773,416
2,755,691			2,743,637		177: 2,738,694		411: 2,765,697		31: 2,741,150		2,773,417
2,758,490			2,743,638		178: 2,755,695		412: 2,765,698		33: 2,745,309		2,773,418
2,763,170			2,745,303		179: 2,743,642		413: 2,765,699		38: 2,748,649		2,773,419
2,765,684			2,752,808		2,729,129		414: 2,765,700		40: 2,749,792		2,773,420
2,770,154			2,756,622		175: 2,754,710		415: 2,765,701		47: 2,746,341		2,773,421
2,770,989			2,760,391		176: 2,755,696		416: 2,765,702		1: 2,741,149		2,773,422
9.51: 2,743,632			2,762,248		177: 2,738,694		417: 2,765,703		8: 2,753,751		2,773,423
2,743,633			2,768,547		178: 2,755,696		418: 2,765,704		9: 2,740,316		2,773,424
2,756,619			2,771,804		179: 2,743,642		419: 2,765,705		12: 2,732,750		2,773,425
2,762,247			2,772,589		2,729,129		420: 2,765,706		18: 2,774,274		2,773,426
2,765,685			2,773,411		180: 2,748,641		421: 2,765,707		31: 2,741,150		2,773,427
13: 2,735,321			2,774,270		2,766,649		422: 2,765,708		33: 2,745,309		2,773,428
2,768,543			2,775,153		181: 2,749,786		423: 2,765,709		38: 2,748,649		2,773,429
15: 2,729,995			2,776,619		53: 2,731,866	82—	424: 2,765,710		40: 2,749,792		2,773,430
2,731,862			2,777,589		2,742,806		425: 2,765,711		47: 2,746,341		2,773,431
2,732,742			2,778,409		2,743,639		426: 2,765,712		1: 2,741,149		2,773,432
2,732,743			2,779,319		2,744,434		427: 2,765,713		8: 2,753,751		2,773,433
2,732,744			2,780,229		2,745,309		428: 2,765,714		9: 2,740,316		2,773,434
2,735,322			2,781,139		2,746,330		429: 2,765,715		12: 2,732,750		2,773,435
2,738,693			2,782,049		2,753,743		430: 2,765,716		18: 2,774,274		2,773,436
2,739,499			2,783,059		2,760,392		431: 2,765,717		31: 2,741,150		2,773,437
2,740,399			2,784,069		2,763,176		432: 2,765,718		33: 2,745,309		2,773,438
2,743,634			2,785,079		2,766,649		433: 2,765,719		38: 2,748,649		2,773,439
2,744,427			2,786,089		2,768,549		434: 2,765,720		40: 2,749,792		2,773,440
2,744,428			2,787,099		2,769,359		435: 2,765,721		47: 2,746,341		2,773,441
2,744,429			2,788,109		2,770,159		436: 2,765,722		1: 2,741,149		2,773,442
2,745,302			2,789,119		2,771,809		437: 2,765,723		8: 2,753,751		2,773,443
2,746,325			2,790,129		2,772,599		438: 2,765,724		9: 2,740,316		2,773,444
2,746,326			2,791,139		2,773,409		439: 2,765,725		12: 2,732,750		2,773,445
2,746,327			2,792,149		2,774,270		440: 2,765,726		18: 2,774,274		2,773,446
2,747,444			2,793,159		2,775,154		441: 2,765,727		31: 2,741,150		2,773,447
2,748,637			2,794,169		2,776,619		442: 2,765,728		33: 2,745,309		2,773,448
2,749,795			2,795,179		2,777,589		443: 2,765,729		38: 2,748,649		2,773,449
2,750,822			2,796,189								

88— 18.4:	2,729,139	88— 24:	2,771,815	88— 57:	2,733,636	89— 1:	2,774,281	90— 5:	2,766,664	92— 2:	Re.24,213
	2,733,633		2,771,816		2,734,422	1.5:	2,732,765		2,773,429		2,750,290
	2,735,333		2,772,599		2,734,423		2,741,158	6:	2,747,468		2,752,243
	2,741,152		2,772,600		2,734,424		2,741,159	7:	2,750,929		2,760,861
	2,743,647		2,773,417		2,735,339		2,750,842		2,758,240		2,772,665
	2,749,798		2,773,418		2,735,340		2,758,511		2,749,805		2,774,665
	2,753,755		2,773,419		2,736,234		2,762,263		2,756,642		2,774,666
	2,756,029		2,773,420		2,736,235		2,766,660		2,757,577	3:	2,729,560
	2,757,569		2,773,421		2,740,328		2,767,610	9.4:	2,750,850		2,747,994
	2,760,403		2,774,278		2,741,155	1.7:	2,730,927	11:	2,751,887		2,758,026
	2,762,256	26:	2,744,444		2,741,947		2,731,885		2,734,426		2,765,228
	2,763,178	27:	2,746,345		2,742,817		2,733,639		2,745,818		2,767,088
19.3:	2,763,179		2,746,653		2,744,445		2,741,160		2,749,806		2,767,089
	2,764,910		2,753,759		2,744,446		2,742,820		2,752,269		2,771,362
20:	2,731,879		2,764,911		2,744,447		2,751,818		2,770,172		2,771,363
	2,733,634	28:	2,732,758		2,745,315		2,752,824	11.4:	2,773,430		2,772,157
	2,738,701		2,734,421		2,746,349		2,763,189		2,749,807		2,772,966
	2,740,322		2,740,326		2,746,066		2,763,187		2,753,167		2,772,967
	2,744,441		2,745,313		2,746,351		2,766,662	11.54:	2,748,663		2,773,763
	2,747,458		2,751,815		2,747,466		2,771,811	11.62:	2,734,427		2,773,764
	2,751,812		2,756,630		2,748,656		2,771,818		2,738,711	6:	2,736,762
	2,765,702	28.9:	2,742,816		2,748,657		2,774,282	11.64:	2,739,510		2,744,012
	2,770,164		2,763,184		2,748,658		2,775,163		2,749,808		2,749,241
	2,770,999	28.98:	2,738,706		2,749,801	7:	2,736,237	12:	2,740,330	7:	2,734,824
22.5:	2,750,837	29:	2,733,635		2,750,839	14:	2,742,821		2,749,809		2,745,743
23:	2,730,009		2,738,707		2,752,821		2,755,706	13:	2,730,020		2,749,240
	2,732,157		2,757,573		2,756,633	14.1:	2,754,914		2,735,241		2,768,710
	2,738,506		2,768,554		2,760,406		2,775,164		2,747,469	9:	2,730,444
	2,755,704	31:	2,758,505		2,761,354	17:	2,756,635		2,753,244		2,731,344
	2,760,654	32:	2,736,231		2,762,261	27:	2,750,843		2,753,764		2,733,992
	2,766,654		2,753,760		2,762,262		2,751,819		2,768,508		2,743,179
	2,771,000	39:	2,731,881		2,764,062		2,759,598		2,770,173		2,772,968
	2,772,598		2,732,759		2,764,063	28:	2,741,161	13.05:	2,757,578	11:	2,730,445
24:	2,729,140		2,732,760		2,764,064		2,750,844	13.1:	2,732,770		2,731,345
	2,729,141		2,732,761		2,764,065	33:	2,746,357		2,733,642		2,747,995
	2,730,010		2,733,337		2,764,912		2,750,845		2,739,511	20:	2,729,145
	2,730,011		2,741,946		2,766,658		2,750,846		2,748,623		2,745,321
	2,731,880		2,746,346		2,767,613		2,756,636		2,754,726		2,748,666
	2,734,420		2,746,347		2,767,614		2,756,637	13.3:	2,748,664		2,750,855
	2,735,334		2,748,348		2,768,555		2,756,638	13.4:	2,741,163		2,729,561
	2,735,335		2,747,464		2,769,371		2,757,576		2,742,824	21:	2,730,446
	2,735,336		2,747,465		2,769,372		2,766,663		2,767,619		2,732,295
	2,736,229		2,757,574		2,769,373		2,767,617	13.5:	2,738,712		2,739,058
	2,736,230		2,763,185		2,771,006	35:	2,733,640		2,741,952		2,744,013
	2,738,702		2,764,061		2,771,007		2,762,264		2,749,810		2,745,744
	2,738,703		2,766,655		2,771,817	36:	2,734,425		2,752,827		2,754,206
	2,738,704		2,767,612		2,772,601		2,752,825		2,761,356		2,754,207
	2,738,705		2,769,370		2,774,280		2,754,725		2,767,620		2,757,085
	2,740,323		2,770,166	60:	2,768,556		2,765,707		2,767,621		2,757,086
	2,740,324		2,771,003	61:	2,745,316	37.5:	2,738,710	13.7:	2,767,622		2,759,813
	2,740,325	40:	2,730,923		2,753,763	40:	2,767,618	13.9:	2,738,742		2,761,779
	2,741,153		2,738,708		2,755,707	41:	2,762,265		2,745,319		2,764,453
	2,741,154		2,739,507		2,766,659		2,762,266	14:	2,732,771		2,765,229
	2,741,944		2,753,761		2,768,557		2,764,915		2,745,320		2,767,090
	2,741,945		2,760,405	65:	2,742,818		2,764,916	15:	2,730,990		2,767,091
	2,742,813		2,762,259		2,748,659	42:	2,763,190		2,734,428		2,769,711
	2,742,814	41:	2,730,924	68:	2,730,018	43:	2,760,847		2,744,450		2,769,712
	2,742,815		2,731,882	70:	2,757,575		2,765,708		2,749,811		2,769,713
	2,743,648		2,738,709	73:	2,761,816	44:	2,732,766		2,753,765		2,772,969
	2,744,442		2,739,508		2,760,407		2,732,767		2,755,707		2,772,970
	2,744,443		2,748,654	74:	2,746,352	46:	2,745,317	16:	2,730,021	23:	2,775,168
	2,746,344		2,748,655		2,765,705		2,770,170		2,757,579	26:	2,729,146
	2,747,459		2,752,819		2,769,374	126:	2,756,639		2,765,711		2,730,931
	2,747,460		2,752,820	77:	2,741,156		2,748,661	17:	2,730,022		2,742,825
	2,747,461		2,753,762		2,746,353	130:	2,741,162	18:	2,754,727		2,748,667
	2,747,462		2,758,506		2,746,354		2,762,267		2,761,357		2,756,646
	2,747,463		2,759,394		2,747,467	137:	2,750,848		2,773,431		2,768,559
	2,748,651		2,759,395		2,755,341		2,765,709	20:	2,729,144		2,768,560
	2,748,652		2,766,656		2,741,948	139:	2,775,165		2,731,888	27:	Re.24,185
	2,749,799		2,770,167		2,759,396	140:	2,742,822		2,740,331		2,741,954
	2,750,838		2,770,168	85:	2,763,186		2,751,820	20.5:	2,771,008		2,758,516
	2,751,813		2,773,422		2,759,509		2,759,399	21:	2,736,243		2,749,814
	2,751,814		2,775,162		2,763,187	176:	2,741,950		2,748,665	28:	2,748,668
	2,752,817	43:	2,773,423		2,764,913	182:	2,732,768		2,764,067		2,757,581
	2,752,818		2,774,279		2,740,329	187:	2,756,640	22:	2,749,812		2,757,582
	2,753,756		2,770,012		2,746,355		2,730,928		2,773,432		2,767,624
	2,753,757	47:	2,740,327		2,746,356	191:	2,732,769	24:	2,750,852		2,769,712
	2,753,758		2,749,800		2,751,817		2,732,768		2,760,409	30:	2,730,932
	2,754,722		2,754,724		2,758,508		2,771,819	24.3:	2,741,164	34:	2,752,828
	2,754,723		2,755,705	96:	2,729,142		2,775,166	28.1:	2,757,580	38:	2,730,933
	2,757,570		2,756,631		2,733,637	193:	2,748,662	33:	2,744,451		2,736,245
	2,757,571		2,758,507		2,741,949		2,750,849		2,750,853		2,760,410
	2,757,572	51:	2,766,657		2,761,355	194:	2,741,951		2,751,821		2,771,823
	2,758,503	52:	2,735,338	97:	2,752,822		2,774,283		2,751,822	39:	2,732,296
	2,758,504		2,745,314		2,762,268	195:	2,765,710		2,751,823		2,747,470
	2,760,404		2,756,632		2,750,849	196:	2,744,448		2,754,728		2,772,603
	2,761,353		2,761,353		2,752,823	1:	2,733,641	38:	2,770,174		2,772,604
	2,761,352	54:	2,736,232		2,758,509		2,736,238	39:	2,771,820	40:	2,738,713
	2,762,257		2,736,233		2,763,188		2,773,426	44:	2,741,953		2,741,955
	2,762,258		2,743,649	105:	2,729,143	1.4:	2,730,019	49:	2,756,643		2,756,647
	2,763,189		2,755,706		2,758,510		2,738,712		2,760,402		2,762,270
	2,763,181		2,762,260	112:	2,741,157		2,772,602	58:	2,763,191		2,772,604
	2,763,182		2,771,004		2,742,819	1.6:	2,749,802		2,767,623	43:	2,731,889
	2,763,183		2,771,005	89— 1:	2,733,638		2,749,803	59:	2,736,244		2,754,429
	2,764,058		2,770,013		2,736,236		2,762,269		2,756,644		2,755,766
	2,764,059	57:	2,730,014		2,745,660		2,771,171		2,758,513		2,755,710
	2,764,060		2,730,015		2,750,841	3:	2,736,239		2,771,821		2,761,358
	2,765,704		2,730,016		2,756,634		2,749,804		2,771,822	44:	2,733,343
	2,767,610		2,730,017		2,759,397		2,756,641	60:	2,753,709		2,736,246
	2,767,611		2,730,925		2,760,408		2,758,513		2,751,824		2,736,247
	2,769,368		2,730,926		2,766,661	4:	2,731,886	62:	2,735,342		2,744,452
	2,769,369		2,731,883		2,767,615		2,744,449		2,758,515		2,747,471
	2,770,165		2,731,884		2,769,375		2,769,375	92— 1:	2,771,361		2,748,669
	2,771,001		2,732,762		2,773,424</						



92—	44:	2,749,815	93—	51:	2,738,715	95—	4.5:	2,736,249	95—	8:	2,766,119	95—	88:	2,735,773	97—	34:	2,749,823	
		2,750,854			2,741,957			2,742,530			2,734,825			2,735,774			2,747,292	
		2,756,648			2,743,651			2,742,831			2,735,771			2,739,061		35:	2,744,450	
		2,756,649			2,774,287			2,744,457			2,755,186			2,739,062			2,751,832	
		2,756,650		53:	2,746,363			2,761,363		10:	2,762,278			2,739,894			2,758,629	
		2,756,651			2,747,473			2,762,277			2,763,192			2,740,717		37:	2,748,679	
		2,760,411			2,749,818			2,764,071		11:	2,731,893			2,741,658		40:	2,738,717	
		2,764,917			2,750,856			2,767,628			2,740,338			2,747,999			2,739,817	
		2,774,284			2,753,770			2,769,379			2,741,168			2,748,000			2,742,840	
46:	2:	2,729,147			2,759,401			2,772,613			2,742,834			2,750,292			2,750,859	
		2,772,605			2,760,415			2,775,172			2,751,825			2,751,800			2,751,833	
49:	2:	2,732,772			2,762,274		5:	2,731,346			2,760,417			2,753,265			2,753,782	
		2,744,453			2,763,715			2,733,994			2,773,437			2,756,151			2,756,654	
		2,764,068			2,769,376			2,740,712		11.5:	2,730,937			2,757,901			2,765,719	
		2,775,169		54:	2,757,586			2,751,294			2,740,339			2,758,029			2,771,828	
51:	2:	2,740,332			2,761,359			2,752,245			2,749,819			2,759,823			2,771,829	
		2,744,454		54.2:	2,762,275			2,754,208			2,762,834			2,769,824		42:	2,767,631	
		2,745,322		55.1:	2,744,455			2,757,087			2,753,773			2,759,825		43:	2,752,783	
		2,773,453			2,758,822			2,759,814			2,755,714			2,764,484			2,749,824	
53:	2:	2,772,606			2,769,377			2,759,815			2,764,072		89:	2,734,436			2,755,718	
54:	2:	2,734,430		58:	2,765,716		5.4:	2,739,889			2,772,614			2,740,344			2,755,719	
		2,740,333		58.3:	2,759,402			2,756,143			2,766,718			2,741,171			2,764,077	
		2,748,672			2,761,360			2,763,553			2,766,667			2,742,838		44:	2,764,922	
		2,754,729		61:	2,761,360		5.5:	2,732,297		12.5:	2,766,668			2,747,479			2,765,720	
		2,772,607		62:	2,746,366			2,732,298		13:	2,740,340			2,747,480		46.03:	2,752,835	
		2,773,434			2,748,675			2,732,299			2,740,341			2,748,677			2,764,923	
55:	2:	2,754,730			2,770,176		5.6:	2,739,890			2,740,342			2,755,716		46.07:	2,729,156	
56:	2:	2,746,358			2,772,611			2,763,293			2,740,343			2,761,364			2,730,029	
		2,752,829		77:	2,735,345			2,769,863			2,759,894			2,762,281			2,745,325	
		2,772,608			2,764,919		5.7:	2,735,763			2,768,564			2,764,074			2,747,483	
57:	2:	2,741,165		80:	2,734,432			2,768,076		14:	2,741,961			2,768,566			2,749,825	
		2,760,412		82:	2,758,623		6:	2,732,299			2,755,715		90:	2,732,779			2,750,862	
59:	2:	2,752,830		88:	2,742,828			2,732,300			2,760,418			2,764,920			2,754,738	
61:	2:	2,757,583			2,748,676			2,735,144		16:	2,764,073		90.5:	2,730,027		46.09:	2,757,175	
		2,770,170			2,750,857			2,735,764		18:	2,729,153			2,748,678		46.11:	2,748,680	
66:	2:	2,760,413		92:	2,752,831			2,735,765			2,730,024			2,757,599		46.21:	2,769,834	
74:	2:	2,732,773		93:	2,729,151			2,742,832			2,730,938			2,769,381		46.31:	2,771,830	
	93—	1:	2,755,711		2,739,814			2,746,863			2,736,250			2,771,015		46.33:	2,754,739	
		2,739,512			2,761,361			2,751,295			2,741,169		94:	2,735,346		46.35:	2,756,655	
		2,741,166		94—	1:	2,767,626		2,768,894			2,749,820			2,747,481			2,775,170	
		2,746,359			2,761,362			2,755,185			2,751,826			2,751,829		46.37:	2,775,177	
		2,757,584			2,771,011		7:	2,729,562			2,753,774			2,761,365		46.39:	2,756,656	
		2,758,517			2,772,612			2,708,077			2,762,279			2,770,145		46.43:	2,735,347	
		2,758,518		1:	2,767,626			2,768,894			2,767,629		96:	2,733,439		46.45:	2,745,329	
		2,760,414			2,771,824			2,732,301			2,771,013			2,747,482			2,748,681	
		2,766,665		3:	2,742,829			2,731,347		31:	2,731,894		100:	2,759,406		46.51:	2,747,484	
		2,768,560		5:	2,760,416			2,732,301			2,733,437			2,753,776		46.59:	2,734,437	
		2,768,561		8:	2,742,832			2,732,302			2,738,716			2,766,670			2,747,485	
		2,771,009			2,743,652			2,732,303			2,739,815			2,771,827			2,754,740	
1.1:	2:	2,749,816			2,768,562			2,732,304			2,741,962			2,774,291			2,757,591	
1.3:	2:	2,758,767		13:	2,738,718			2,735,766			2,742,835			2,775,173			2,765,721	
		2,756,652		17:	2,745,324			2,735,767			2,750,858		103:	2,740,345			2,766,673	
8:	2:	2,729,148			2,759,403			2,738,708			2,751,827		96—	22:	2,772,971		46.61:	2,755,720
		2,731,890			2,768,563			2,735,769			2,753,775			2,772,158			2,768,567	
		2,734,431		30:	2,740,335			2,738,770			2,753,776			2,772,159			2,765,721	
		2,740,394			2,747,474			2,739,059			2,753,777			2,774,067		46.81:	2,755,721	
		2,741,956			2,767,627			2,739,060			2,762,280			2,774,068		46.85:	2,750,860	
		2,749,817		33:	2,746,365			2,739,892			2,766,669		33:	2,772,972		46.89:	2,758,530	
		2,758,768			2,747,475			2,739,893			2,769,380			2,773,765		46.93:	2,742,841	
		2,775,171		44:	2,745,325			2,740,713			2,770,177			2,773,766			2,753,732	
13:	2:	2,731,891			2,747,476			2,742,838			2,771,825			2,773,767		46.95:	2,757,922	
18:	2:	2,730,934			2,757,587			2,743,180			2,773,438		35:	2,772,160			2,768,568	
		2,759,400			2,762,276			2,743,181		32:	2,736,251			2,774,069		47.01:	2,736,253	
		2,762,271		45:	2,734,433			2,743,182			2,759,405		55:	2,772,161			2,763,193	
		2,762,272			2,744,456			2,743,183			2,741,963			2,772,162		47.02:	2,759,407	
19:	2:	2,762,272			2,754,732			2,743,184		34:	2,747,477			2,772,163		47.1:	2,735,348	
20:	2:	2,742,826			2,754,733			2,747,997		39:	2,732,776			2,772,973		47.14:	2,732,784	
		2,762,273		48:	2,740,336			2,747,998		42:	2,730,025		75:	2,773,768			2,734,438	
22:	2:	2,753,769			2,744,456			2,751,296		44:	2,734,434		84:	2,773,769			2,741,967	
		2,773,435			2,745,326			2,751,297			2,741,964		91:	2,772,974			2,743,654	
23:	2:	2,732,774			2,757,588			2,751,298			2,741,965		97:	2,772,163			2,751,835	
27:	2:	2,729,149			2,771,012			2,751,299			2,745,328		109:	2,772,164			2,751,836	
35:	2:	2,729,150		49:	2,731,892			2,752,246		45:	2,729,154		114:	2,772,165			2,752,836	
		2,748,673			2,746,367			2,753,263			2,741,170			2,772,166			2,762,282	
		2,758,519			2,753,771			2,753,264			2,741,966		97—	3:	2,766,071		2,762,283	
		2,771,010			2,757,589			2,754,209		49:	2,730,939		5:	2,766,072			2,775,179	
36:	2:	2,746,360		50:	2,730,935			2,754,210		50:	2,767,630			2,768,569		47.2:	2,733,439	
		2,747,472			2,740,337			2,756,145			2,774,288			2,774,966			2,753,783	
		2,757,585			2,752,832			2,756,146			2,774,289			2,776,672		47.22:	2,745,655	
		2,765,713			2,753,772			2,756,147			2,774,289			2,776,673		47.31:	2,745,656	
		2,766,666			2,754,734			2,756,148			2,774,290		9:	2,755,717		47.34:	2,756,657	
		2,772,609			2,755,713			2,756,149			2,774,291			2,774,291			2,771,016	
36.01:	2:	2,758,520		51:	2,730,936			2,757,088			2,774,292			2,774,292		47.36:	2,758,531	
36.3:	2:	2,774,285		95—	1.1:	2,756,653		2,757,089			2,774,293			2,774,293		47.37:	2,747,487	
36.6:	2:	2,743,650			2,765,626													

97—47.64:	2,771,017	98—1.5:	2,754,745	98—115:	2,772,625	99—100:	2,769,715	99—171:	2,760,871	99—283:	2,767,640
47.65:	2,731,898		2,767,636	116:	2,739,521	101:	2,744,016		2,767,099	285:	2,752,845
	2,743,635		2,767,637		2,750,888	102:	2,748,003		2,767,100		2,756,661
	2,750,863		2,772,621		2,752,843	103:	2,739,897		2,770,547	287:	2,749,834
	2,765,723		2,773,440	119:	2,730,943	107:	2,735,776	172:	2,745,753	290:	2,755,733
47.66:	2,726,617	2:	2,729,158		2,741,972		2,766,121		2,772,172	295:	2,745,664
47.67:	2,733,194		2,730,032		2,750,869		2,766,122	174:	2,744,020		2,745,335
47.68:	2,747,483		2,738,718		2,754,748		2,767,066		2,766,125		2,746,376
47.82:	2,742,842		2,742,844	121:	2,741,973	108:	2,771,366		2,772,172		2,749,835
47.83:	2,731,899		2,746,372		2,752,844		2,760,968	176:	2,729,565	298:	2,770,181
47.84:	2,739,518		2,747,495		2,758,534		2,767,097		2,773,773	299:	2,742,849
	2,761,369		2,748,687		2,764,011	111:	2,735,777	178:	2,753,288	302:	2,750,871
	2,771,018		2,749,829	99—2:	2,739,063		2,750,293		2,765,233	305:	2,746,079
	2,775,181		2,749,830		2,739,895		2,752,248		2,768,085	306:	2,732,787
47.88:	2,771,831		2,750,864		2,740,718	114:	2,739,898	179:	2,745,754		2,738,721
47.89:	2,756,659		2,751,857		2,742,359	116:	2,733,148		2,758,032	310:	2,741,976
	2,756,660		2,752,842		2,744,014		2,745,186	180:	2,735,778		2,748,373
	2,775,182		2,755,726		2,744,823		2,768,083		2,759,831	313:	2,738,972
	2,775,183		2,756,663		2,746,864	118:	2,733,149		2,761,785	315:	2,748,698
52:	2,741,968		2,756,664		2,751,301		2,745,749	182:	2,771,369	316:	2,731,907
	2,748,683		2,756,665		2,751,302		2,746,867		2,745,755	327:	2,753,650
	2,749,826		2,758,532		2,751,303		2,751,304		2,748,005	328:	2,734,448
53:	2,754,743		2,758,533		2,753,266		2,758,928		2,766,126		2,739,523
	2,762,285		2,761,370		2,755,187		2,763,555	184:	2,772,979	329:	2,738,723
54:	2,750,861		2,764,078		2,758,027		2,763,556	186:	2,755,190		2,730,872
	2,757,593		2,764,028		2,760,865	119:	2,729,963		2,760,872		2,750,873
	2,767,632		2,767,638		2,760,866	122:	2,745,750		2,767,101		2,750,874
55:	2,735,349		2,775,184		2,765,231		2,772,976	187:	2,745,756		2,771,022
	2,767,633	9:	2,775,185		2,767,094	123:	2,746,868		2,733,152		2,773,441
56:	2,729,157	10:	2,734,444		2,768,895		2,754,713		2,735,354	330:	2,771,023
	2,731,900	14:	2,735,186		2,768,896		2,750,544		2,753,289	331:	2,743,665
	2,735,350	19:	2,755,727		2,770,543		2,773,772		2,761,786		2,765,727
	2,758,531	33:	2,751,838		2,772,167	124:	2,731,351	192:	2,753,270	336:	2,735,355
	2,772,618		2,763,195		2,774,670		2,731,352		2,762,711		2,739,524
58:	2,769,385	36:	2,754,746	3:	2,754,185	126:	2,761,781		2,763,557	340:	2,762,201
59:	2,747,490		2,775,187	4:	2,739,064	127:	2,742,364		2,764,488	339:	2,735,356
	2,760,422	37:	2,755,728		2,742,360	132:	2,749,243		2,768,086		2,749,836
66:	2,752,839		2,764,929		2,742,361		2,754,214	193:	2,741,560		2,763,198
68:	2,771,019		2,771,020		2,742,362		2,740,720		2,765,244		2,764,080
69:	2,741,969		2,772,622		2,745,745		2,742,363		2,763,153		2,769,387
	2,752,840	38:	2,734,445		2,768,081	135:	2,761,782	194:	2,763,153	340:	2,748,690
78:	2,734,439		2,749,831	6:	Re 24,261		2,756,153		2,752,252	341:	2,763,199
	2,762,286		2,765,726		2,733,145		2,767,098		2,772,980	344:	2,761,375
91:	2,755,723		2,767,639		2,744,829	137:	2,766,123	195:	2,740,721	349:	2,751,840
93:	2,772,619		2,775,188		2,748,001	138:	2,739,065		2,765,155	354:	2,760,426
125:	2,757,504	40:	2,730,942		2,774,671		2,753,267	198:	2,764,489	358:	2,741,977
129:	2,767,634		2,731,902	8:	2,731,348		2,749,244		2,765,235	360:	2,732,788
157:	2,747,491		2,731,903		2,733,146	140:	2,729,564	204:	2,752,253	362:	2,733,651
168:	2,734,440		2,734,446		2,735,775		2,754,215	209:	2,768,900	372:	2,765,728
170:	2,733,646		2,734,447	9:	2,744,015		2,760,869	205:	2,733,779	373:	2,730,935
188:	2,762,287		2,735,351		2,773,770		2,772,977		2,773,774		2,750,875
194:	2,755,724		2,735,352	11:	2,758,929	141:	2,761,783	207:	2,729,566		2,770,182
198:	2,739,519		2,735,353		2,738,924	142:	2,760,870		2,729,567	391:	2,739,525
	2,742,843		2,736,255		2,764,485		2,762,710		2,732,307		2,750,876
	2,757,595		2,738,719		2,775,521	143:	2,742,366		2,743,847		2,764,081
198.1:	2,730,031		2,741,970	14:	2,730,447		2,768,898		2,750,295	403:	2,772,626
	2,743,657		2,741,971		2,730,448		2,768,899		2,759,832	404:	2,732,789
	2,744,040		2,742,845		2,774,672		2,774,673	209:	2,765,236		2,766,080
	2,755,725		2,745,332	15:	2,773,771	144:	2,746,869	210:	2,744,828		2,773,442
	2,757,596		2,750,865		2,758,929	150:	2,744,017		2,744,829	406:	2,767,641
	2,760,423		2,755,729	23:	2,745,746		2,766,124		2,758,935	409:	2,735,357
	2,765,724		2,759,410		2,760,867	153:	2,751,305		2,768,901	414:	2,731,908
205:	2,747,492		2,759,411	28:	2,772,168	154:	2,748,004		2,768,902	419:	2,760,427
	2,748,684		2,766,676	35:	2,754,212		2,755,188		2,768,903		2,766,681
	2,764,924		2,771,833	48:	2,732,306		2,759,827	212:	2,732,308		2,766,682
211:	2,771,832		2,772,623		2,745,747	158:	2,758,929		2,734,826	421:	2,729,180
	2,733,647		2,772,624		2,748,002		2,758,930	214:	2,760,873		2,746,377
212:	2,732,785	42:	2,743,659		2,758,926	159:	2,739,899	222:	2,770,548		2,762,292
	2,749,827		2,774,293		2,763,554		2,742,367		2,770,549		2,762,293
	2,754,744	46:	2,737,877	50.5:	2,772,975		2,772,169	224:	2,770,551	425:	2,766,683
	2,766,675		2,763,196	52:	2,758,930	162:	2,744,827		2,775,191		2,772,627
215:	2,761,369		2,768,897		2,768,897	163:	2,739,066		2,775,192		2,774,295
	2,764,925	59:	2,749,832		2,775,522		2,746,870	234:	2,754,749	426:	2,740,349
216:	2,730,941		2,771,834	54:	2,761,780		2,746,871	235:	2,745,062	427:	2,735,358
	2,770,180	62:	2,766,677	55:	2,730,449		2,752,249		2,757,598		2,747,497
217:	2,746,371	67:	2,755,730		2,749,242		2,754,216		2,762,288		2,760,428
	2,747,493		2,766,678		2,757,092		2,758,931		2,762,289		2,775,189
220:	2,733,648	68:	2,763,197	57:	2,765,232		2,759,828	236:	2,747,496	428:	2,734,449
	2,736,254		2,774,294		2,746,865		2,759,829		2,762,290	436:	2,765,729
224:	2,760,284	76:	2,739,520		2,746,866		2,761,784	238:	2,731,904	438:	2,767,642
226:	2,736,661	84:	2,742,846	71:	2,746,866		2,768,084	238.1:	2,738,720	440:	2,745,666
	2,760,425		2,753,786		2,771,364		2,770,545		2,742,848	441:	2,752,846
	2,768,570	87:	2,742,361	78:	2,742,362		2,770,546		2,743,663	443:	2,741,978
227:	2,743,658	88:	2,769,386		2,764,486		2,771,367	238.4:	2,771,836	444:	2,748,691
	2,745,331	94:	2,753,787	80:	2,733,147		2,771,368	239:	2,731,905	446:	2,742,830
	2,748,685		2,759,412		2,740,719		2,772,170	243:	2,768,572		2,763,200
	2,752,841	95:	2,749,833		2,752,247		2,772,978	256:	2,753,731	447:	2,746,378
	2,753,785		2,771,835		2,758,031	168:	2,752,250		2,762,290	100—	4:
	2,764,926	96:	2,751,839		2,766,120		2,755,189	257:	2,741,974		2,732,790
	2,764,927	98:	2,746,373	82:	2,755,723	170:	2,733,150		2,755,732		2,735,352
	2,765,725	103:	2,743,660	88:	2,731,349	171:	2,733,151		2,756,666		2,742,851
230:	2,747,494	106:	2,740,348		2,759,826		2,741,559		2,766,679		2,750,877
	2,748,686		2,754,747	90:	2,771,365		2,744,018	259:	2,761,374	5:	2,774,296
	2,759,429		2,764,930	91:	2,744,825		2,744,019		2,758,933	27:	2,736,256
	2,767,635		2,768,571	92:	2,731,350		2,745,751	263:	2,746,375	28:	2,775,190
235:	2,731,901		2,746,374		2,739,896		2,745,752		2,739,522		2,770,183
240:	2,732,786	108:	2,750,866		2,756,152		2,746,872	275:	2,731,906	10:	2,770,183
243:	2,741,173	110:	2,761,371		2,768,082		2,749,245	279:	2,750,870	19:	2,736,256
245:	2,736,662		2,761,372	93:	2,744,826		2,750,294	281:	2,729,159		2,760,429
98—	1:	115:	2,730,033		2,745,748		2,751,36				



100—	23: 2,757, 600	101—	66: 2,750, 880	101—	157: Re. 24,161	102—	6: 2,741, 177	102—	76: 2,773, 449	103—	38: 2,764, 942
	25: 2,732, 792		67: 2,744, 463		2,741, 175		2,741, 178		78: 2,732, 801		2,768, 580
	27: 2,730, 036		68: 2,730, 944		2,744, 464		2,742, 856		78: 2,755, 738		2,768, 581
	28: 2,748, 092		69: 2,730, 038		175: 2,733, 656		7: 2,738, 542		79: 2,764, 093		41: Re. 24,132
	30: 2,749, 837		80: 2,753, 790		177: 2,768, 576		2,774, 304		2,733, 659		2,729, 167
	32: 1,764, 082		91: 2,743, 668		179: 2,754, 086		8: 2,763, 209		2,741, 183		2,729, 168
	34: 2,744, 461		2,746, 382		180: 2,758, 797		17: 2,764, 090		2,741, 184		2,729, 169
	2,747, 498		2,753, 791		181: 2,730, 044		20: 2,733, 657		2,742, 858		2,731, 917
	37: 2,739, 526		2,758, 539		2,735, 365		2,736, 260		2,748, 707		2,745, 350
	37: 2,750, 878		2,765, 735		2,764, 087		2,742, 857		2,748, 708		2,749, 843
	2,756, 668		93: Re. 24,131		183: 2,757, 610		2,749, 840		2,750, 889		2,771, 844
	2,761, 376		2,730, 039		212: 2,745, 341		2,750, 884		2,753, 658		2,732, 805
	43: Re. 24,155		2,730, 040		2,775, 196		2,750, 885		81: 2,730, 046		2,733, 662
	2,758, 536		2,731, 911		216: 2,730, 946		2,756, 677		81: 2,742, 859		2,746, 391
	2,753, 301		2,735, 362		217: 2,759, 416		2,759, 417		2,748, 709		2,746, 392
	2,771, 024		2,741, 980		218: 2,773, 445		2,760, 434		2,762, 304		2,748, 711
	46: 2,759, 414		2,742, 855		227: 2,738, 722		2,761, 383		82: 2,750, 890		2,751, 847
	50: 2,764, 932		2,743, 669		2,739, 533		2,764, 937		84: 2,741, 185		2,752, 853
	52: 2,763, 202		2,746, 383		2,741, 176		2,764, 938		2,742, 860		2,755, 741
	52: 2,742, 852		2,746, 384		2,741, 982		2,765, 739		2,763, 213		2,759, 426
	56: 2,765, 730		2,749, 839		2,748, 697		2,766, 090		87: 2,764, 094		2,762, 306
	68: 2,740, 350		2,753, 792		2,762, 300		2,770, 193		90: 2,754, 761		2,765, 745
	96: 2,767, 643		2,753, 793		2,771, 028		2,758, 543		91: 2,751, 845		2,765, 746
	97: 2,767, 643		2,757, 604		2,771, 029		2,745, 345		2,765, 738		2,768, 582
	98: 2,748, 693		2,757, 605		228: 2,741, 983		2,766, 692		2,766, 692		2,775, 206
	2,763, 203		2,761, 381		2,758, 541		2,760, 435		92: 5: 2,759, 421		44: 2,735, 369
	2,767, 645		2,762, 397		2,760, 433		2,761, 384		93: 2,773, 450		2,738, 731
	99: 2,734, 450		2,765, 736		232: 2,747, 503		2,753, 734		97: 2,774, 351		2,747, 510
	2,757, 601		2,766, 686		2,750, 882		2,771, 841		2,764, 939		2,752, 854
	2,762, 294		2,767, 646		2,753, 798		2,736, 261		2,770, 195		2,753, 804
	2,765, 731		2,770, 187		2,767, 651		2,745, 346		98: 2,771, 035		2,753, 805
	105: 2,774, 297		2,770, 188		2,768, 392		2,754, 754		1: 2,730, 051		2,760, 436
	116: 2,752, 847		2,770, 189		233: 2,756, 673		2,770, 193		2,748, 710		45: 2,770, 197
	125: 2,738, 724		2,771, 025		2,773, 446		2,772, 632		2,756, 678		46: 2,747, 511
	142: 2,757, 602		2,773, 447		235: 2,743, 671		2,736, 262		2,764, 095		2,748, 712
	144: 2,765, 730		2,774, 298		240: 2,770, 192		2,748, 700		2,764, 940		2,753, 855
	147: 2,729, 161		94: 2,746, 381		246: 2,734, 452		2,752, 848		2: 2,732, 802		48: 2,756, 679
	2,747, 499		99: 2,766, 687		247: 2,743, 672		2,754, 755		2,741, 985		49: 2,762, 307
	148: 2,775, 191		109: 2,730, 945		248: 2,747, 504		2,755, 735		2,759, 422		52: 2,755, 742
	158: 2,762, 295		2,746, 385		250: 2,729, 163		2,767, 611		2,775, 203		2,762, 308
	165: 2,745, 336		110: 2,730, 041		2,730, 045		2,759, 418		3: 2,732, 803		2,763, 309
	2,753, 788		2,762, 298		286: 2,767, 652		2,763, 210		2,735, 366		2,763, 310
	214: 2,742, 853		111: 2,735, 363		287: 2,747, 505		2,732, 800		2,752, 851		2,766, 694
	2,750, 879		114: 2,747, 501		288: 2,732, 797		2,750, 886		2,764, 096		53: 2,732, 806
	215: 2,744, 462		115: 2,739, 529		298: 2,771, 030		2,752, 849		4: 2,734, 457		2,757, 615
	217: 2,747, 500		2,762, 299		301: 2,756, 674		2,755, 736		2,735, 367		2,761, 392
	218: 2,738, 725		119: 2,743, 673		302: 2,731, 913		2,771, 032		2,745, 348		2,764, 098
	220: 2,738, 726		2,763, 204		329: 2,763, 206		2,736, 263		2,751, 846		2,765, 747
	226: 2,757, 603		122: 2,730, 042		335: 2,764, 934		2,761, 385		2,754, 762		75: 2,751, 848
	231: 2,769, 389		123: 2,730, 043		336: 2,734, 455		2,775, 200		2,768, 546		83: 2,759, 427
	232: 2,745, 067		2,739, 530		348: 2,745, 343		2,779, 535		2,764, 941		2,773, 453
	2,748, 694		2,751, 842		2,750, 883		2,741, 179		2,767, 658		84: 2,751, 849
	2,761, 377		2,775, 194		2,763, 207		2,754, 757		5: 2,729, 165		87: 2,730, 953
	234: 2,762, 296		124: 2,753, 794		2,764, 386		2,747, 507		2,750, 891		2,731, 918
	234: 2,735, 360		125: 2,765, 737		2,774, 300		2,762, 302		2,753, 802		2,734, 459
	243: 2,760, 430		126: 2,729, 162		349: 2,751, 843		2,763, 211		2,757, 612		2,736, 264
	259: 2,745, 337		2,739, 531		350: 2,748, 698		2,767, 655		2,759, 423		2,739, 537
	282: 2,745, 338		2,739, 532		352: 2,754, 753		2,771, 033		2,765, 741		2,743, 673
	282: 2,772, 629		2,747, 502		380: 2,739, 534		2,772, 633		2,766, 693		2,744, 465
	5: 2,734, 451		2,757, 606		365: 2,731, 914		2,773, 447		2,769, 393		2,747, 512
	8: 2,739, 527		2,758, 540		2,762, 301		2,771, 212		6: 2,757, 613		2,750, 892
	11: 2,749, 351		2,764, 084		366: 2,730, 947		2,776, 656		2,763, 742		2,752, 856
	12: 2,739, 527		2,767, 648		367: 2,746, 388		2,770, 194		10: 2,761, 387		2,752, 857
	19: 2,741, 979		2,770, 191		2,763, 208		2,770, 194		11: 2,741, 986		2,753, 806
	2,753, 789		2,771, 839		368: 2,731, 915		2,740, 356		2,747, 508		2,756, 680
	2,754, 751		127: 1: 2,757, 607		377: 2,746, 389		2,758, 544		2,754, 763		2,762, 311
	2,758, 537		128: 2: 2,732, 795		378: 2,732, 798		2,759, 410		2,765, 740		2,763, 214
	2,765, 733		2,757, 608		2,786, 259		2,765, 740		2,759, 424		2,764, 943
	2,770, 185		2,771, 026		2,748, 699		2,759, 424		2,761, 388		2,766, 695
	25: 2,756, 669		129: 2,731, 912		2,774, 302		2,772, 634		2,762, 305		2,766, 696
	31: 2,740, 352		132: 2,740, 353		382: 2,753, 799		2,748, 701		2,769, 394		2,768, 583
	32: 2,734, 452		2,757, 372		385: 2,756, 675		2,754, 758		2,773, 452		2,768, 584
	2,757, 372		132: 5: 2,745, 340		392: 2,774, 303		2,745, 347		2,775, 204		88: 2,760, 437
	35: 2,736, 258		2,754, 752		401: 2,768, 577		2,748, 703		12: 2,769, 395		2,761, 393
	2,746, 380		2,759, 415		401: 1: 2,738, 733		2,750, 887		13: 2,763, 368		2,766, 697
	2,748, 695		133: 2,757, 609		401: 2: 2,764, 935		2,751, 844		17: 2,749, 842		90: 2,771, 036
	2,749, 838		2,763, 205		403: 2,764, 083		2,753, 801		2,771, 843		2,755, 739
	2,775, 192		134: 5: 2,740, 354		409: 2,767, 658		2,767, 657		23: 2,733, 660		93: 2,774, 307
	37: 2,739, 528		142: 2,730, 354		2,775, 197		2,773, 448		2,733, 661		97: 2,752, 858
	2,761, 379		144: 2,753, 795		2,779, 164		2,774, 303		2,741, 186		2,773, 454
	2,775, 193		147: 2,736, 672		415: 1: 2,730, 948		2,774, 304		25: 2,732, 804		2,774, 305
	38: 2,756, 670		2,753, 796		2,730, 949		2,775, 202		2,741, 988		103: 2,736, 265
	38: 2,764, 933		2,761, 382		2,764, 089		2,766, 691		2,761, 389		2,741, 992
	39: 2,756, 671		148: 2,733, 654		2,764, 936		2,767, 658		2,765, 744		2,744, 466
	2,768, 575		149: 2,733, 655		2,766, 689		2,767, 659		2,767, 659		2,745, 351
	40: 2,761, 380		149: 1: 2,767, 649		2,768, 578		2,772, 635		26: 2,739, 536		2,746, 393
	41: 2,745, 339		149: 2: 2,732, 796		2,768, 579		2,774, 305		27: 2,761, 390		2,747, 513
	42: 2,748, 696		2,741, 981		2,770, 191		2,774, 306		28: 2,765, 744		2,750, 428
	43: 2,742, 854		2,750, 881		2,775, 199		2,774, 307		31: 2,729, 166		2,764, 099
	44: 2,751, 841		2,760, 432		2,775, 199		2,774, 308		35: 2,734, 458		2,765, 744
	47: 2,731, 910		2,760, 433		416: 2,732, 799		2,775, 202		37: 2,730, 952		2,766, 698
	2,732, 793		2,764, 085		420: 2,730, 950		2,775, 203		2,740, 357		2,772, 636
	53: 2,735, 361		2,766, 688		2,740, 355		2,774, 309		2,755, 739		106: 2,750, 893
	2,766, 685		149: 4: 2,738, 727		2,740, 356		2,774, 310		2,752, 852		108: 2,748, 713
	2,771, 837	</									

103—	111: 2,775,208	103—	203: 2,744,460	105—	172: 2,753,813	105—	369: 2,765,754	106—	55: 2,764,493	106—	253: 2,742,372
112: 2,748,714			2,748,719		175: 2,755,746		2,768,704		56: 2,768,704		263: 2,758,098
113: 2,730,955			2,764,102		177: 2,762,315		2,769,400		2,772,176		264: 2,739,902
2,734,460			2,771,038		178: 2,744,873		2,769,405		57: 2,746,874		2,744,832
2,747,514			2,771,846		182: 2,766,690		2,770,198		2,762,259		2,744,833
2,755,745		204: 2,729,171	2,785,684		185: 2,756,691		2,772,641		2,771,376		269: 2,748,012
2,757,616		205: 2,756,683	2,785,683		188: 2,741,995		2,751,863		2,773,776		2,750,878
2,758,547		216: 2,730,960	2,785,684		2,749,848		2,752,864		59: 2,744,021		270: 2,730,452
115: 2,736,296			2,732,809		190: 2,730,048		2,760,445		2,759,833		2,741,563
2,745,352			2,750,896		2,752,863		2,745,362		2,759,834		2,744,834
2,745,353			2,756,684		2,762,316		2,756,094		2,759,835		2,748,013
2,745,354			2,749,846		192: 2,770,200		2,756,695		2,755,925		2,755,193
2,748,715			2,764,948		193: 2,729,173		2,754,769		60: 2,755,526		271: 2,730,453
2,752,859			2,752,861		2,786,271		2,767,663		62: 2,731,355		272: 2,746,875
2,753,808		221: 2,734,460	2,745,357		2,740,359		2,760,446		63: 2,749,246		2,746,876
2,763,215		222: 2,745,357	2,764,103		2,743,681		2,771,041		64: 2,746,499		2,772,982
2,766,699			2,769,399		2,748,721		2,736,273		65: 2,745,763		
117: 2,745,355			2,773,455		2,753,814		2,754,770		66: 2,748,007		
2,753,809			2,775,212		2,766,692		2,769,406		74: 2,766,130		
2,772,637		118: 2,733,663	2,752,862		194: 2,744,471		2,742,866		76: 2,760,876		
2,735,370			2,731,921		2,748,722		2,770,199		77: 2,772,177		
2,764,100			2,734,677		196: 2,741,996		2,754,771		83: 2,745,758		
120: 2,731,919			2,732,810		2,751,855		2,736,299		84: 2,744,830		
2,742,861			2,741,189		197: 2,729,173		2,752,863		2,766,159		
2,750,895			2,746,395		2,730,049		2,733,543		2,765,237		
2,754,765			2,759,429		2,731,923		2,766,705		85: 2,769,718		
2,768,585			2,747,310		2,732,813		2,774,674		87: 2,740,722		
2,734,461			2,753,667		2,743,682		2,733,154		88: 2,769,719		
2,755,744			2,749,847		2,747,518		2,757,004		90: 2,733,995		
125: 2,730,956			2,730,961		2,747,519		2,742,368		2,752,260		
2,735,371			2,764,104		2,749,850		2,772,173		2,757,096		
126: 2,735,372			2,744,470		2,751,856		2,731,353		96: 2,773,777		
2,742,862			2,757,618		2,751,857		2,731,354		97: 2,735,996		
2,745,356			2,756,685		2,754,768		2,742,369		2,758,033		
2,753,810		104—	2,768,589		2,769,406		2,756,156		2,769,720		
2,756,681			2,769,172		2,773,456		2,771,371		2,774,831		
2,758,548			2,736,268		199: 2,772,640		2,752,255		2,784,831		
2,760,438			2,735,375		2,740,360		2,734,827		2,785,996		
2,765,749			12: 2,734,463		2,758,550		2,754,217		2,786,022		
2,769,399			2,762,313		2,771,039		2,769,716		2,792,261		
2,772,638			2,756,686		2,738,551		2,735,780		120: 2,748,008		
2,774,309			2,735,376		2,744,474		2,755,218		2,766,131		
131: 2,775,209			48: 2,767,661		2,762,317		2,755,420		123: 2,762,262		
2,764,101			52: 2,753,668		2,747,312		2,771,372		2,764,495		
136: 2,731,920			2,765,752		2,780,964		2,771,373		2,765,759		
2,739,539			55: 2,756,687		2,745,359		2,771,374		2,767,664		
2,754,766			75: 2,746,396		2,738,733		2,772,175		2,768,033		
2,762,312			80: 2,761,394		2,738,734		2,766,127		2,768,034		
2,763,216			91: 2,754,767		2,738,735		2,762,112		2,768,035		
2,763,217			2,741,190		2,738,736		2,763,155		2,768,036		
2,764,946			2,751,851		2,738,737		2,739,067		2,768,037		
2,766,700			94: 2,751,852		2,738,738		2,750,296		2,768,038		
2,748,716			96: 2,730,963		2,738,739		2,754,219		2,768,039		
138: 2,765,750			2,750,897		2,741,192		2,729,608		2,768,040		
2,769,397			101: 2,768,588		2,751,859		2,744,024		2,768,041		
149: 2,752,860			126: 2,763,218		2,751,861		2,746,873		2,768,042		
2,765,751			131: 2,759,430		2,751,862		2,756,157		2,768,043		
2,741,187			135: 2,739,540		2,753,815		2,761,787		2,768,044		
150: 2,764,947			138: 2,750,898		2,769,405		2,752,257		2,768,045		
2,732,807			145: 2,743,677		2,730,965		2,754,220		2,768,046		
2,748,717			150: 2,760,441		2,741,193		2,758,033		2,768,047		
2,755,745			172: 2,729,172		2,733,669		2,761,788		2,768,048		
153: 2,730,957			2,742,863		2,741,194		2,733,156		2,768,049		
2,733,664			178: 2,741,191		2,738,740		2,733,157		2,768,050		
2,735,373			180: 2,765,753		2,745,360		2,739,068		2,768,051		
2,744,467			183: 2,767,662		2,749,851		2,757,095		2,768,052		
2,766,701			202: 2,769,400		2,730,966		2,769,406		2,768,053		
154: 2,771,845			2,772,639		311: 2,739,542		2,730,450		2,768,054		
2,775,210			229: 2,764,949		2,743,391		2,741,661		2,768,055		
2,736,267			246: 2,761,395		2,731,924		2,742,370		2,768,056		
159: 2,760,439			258: 2,762,314		315: 2,743,683		2,746,874		2,768,057		
2,767,660			279: 2,748,720		2,760,443		2,750,897		2,768,058		
2,769,398			282: 2,746,398		2,760,444		2,754,220		2,768,059		
160: 2,741,993		105—	2,764,399		324: 2,752,814		2,756,157		2,768,060		
2,747,515			2,753,811		354: 2,768,589		2,760,445		2,768,061		
2,747,516			2,756,688		360: 2,761,397		2,764,947		2,768,062		
2,768,586			30: 2,740,358		362: 2,771,040		2,769,408		2,768,063		
2,733,665			50: 2,747,517		364: 2,741,998		2,774,675		2,768,064		
162: 2,733,666			59: 2,746,400		367: 2,760,444		2,775,210		2,768,065		
2,735,374			2,759,431		368: 2,758,552		2,776,676		2,768,066		
2,741,188			2,769,401		369: 2,742,118		2,784,831		2,768,067		
2,743,674			99: 2,774,311		2,733,670		2,786,087		2,768,068		
2,749,844			105: 2,743,679		2,733,671		2,787,611		2,768,069		
166: 5: 2,768,587			2,753,812		2,733,672		2,788,135		2,768,070		
173: 2,732,808			106: 2,743,680		2,733,673		2,789,136		2,768,071		
2,743,675			114: 2,732,811		2,733,674		2,790,137		2,768,072		
175: 2,738,732			2,732,812		2,733,675		2,791,138		2,768,073		
2,749,845			2,757,619		2,733,676		2,792,139		2,768,074		
2,775,211			119: 2,739,541		2,733,677		2,793,140		2,768,075		
178: 2,730,958			133: 2,766,703		2,733,678		2,794,141		2,768,076		
2,741,994			136: 2,742,864		2,733,679		2,795,142		2,768,077		
2,756,692			138: 2,743,358		2,733,680		2,796,143		2,768,078		
2,757,617			145: 2,756,689		2,733,681		2,797,144		2,768,079		
180: 2,743,676			153: 2,730,047		2,733,682		2,798,145		2,768,080		
183: 2,744,468			154: 2,744,472		2,733,683		2,799,146		2,768,081		
2,759,170			2,751,396		2,733,684		2,800,147		2,768,082		
202: 2,742,134			156: 2,731,922		2,733,685		2,801,148		2,768,083		
2,730,959			159: 2,751,854		2,733,686		2,802,149		2,768,084		
2,748,718			172: 2,736,270		2,733,687		2,803,150		2,768,085		



107—	8: 2,756,697 2,759,434 2,761,398 2,767,664 2,769,407 9: 2,746,477 2,742,888 2,746,401 2,747,524 2,759,434 10: 2,739,546 2,767,666 2,769,408 2,770,201 14: 2,731,925 2,754,773 2,757,621 2,759,436 2,760,447 2,764,931 2,764,952 2,772,643 2,775,213 2,775,214 15: 2,752,866 2,754,774 2,770,202 17: 2,735,380 19: 2,736,277 2,746,402 2,752,869 2,760,448 2,762,319 2,772,644 21: 2,775,215 24: 2,760,449 2,770,203 26: 2,735,817 27: 2,742,000 44: 2,759,437 46: 2,744,475 47: 2,765,755 48: 2,740,365 2,756,698 2,761,399 49: 2,731,926 2,744,476 2,754,775 2,759,438 50: 2,734,464 52: 2,750,900 54: 2,730,051 2,733,673 2,734,465 2,735,382 2,746,403 2,747,525 2,767,667 2,776,668 2,777,316 55: 2,735,381 57: 2,742,869 58: 2,745,363 2,749,853 60: 2,762,320 2,762,321 1: 2,730,052 2,731,927 2,752,868 2,753,818 2,767,669 2,773,457 2, 2,741,185 8: Re.24.246 10: 2,766,706 12: 2,734,466 13: 2,754,776 21: 2,735,383 23: 2,760,450 2,764,107 2,764,108 24: 2,730,969 81: 2,759,439 28: Re.24.245 30: 2,734,467 32: 2,766,707 36: 2,769,409 77: 2,734,458 33: 2,748,727 2,756,699	110—	1: 2,764,109 2,769,410 7: 2,752,869 2,754,778 2,755,749 8: 2,744,477 2,754,779 15: 2,771,847 18: 2,738,743 2,739,547 2,744,478 2,748,728 2,749,854 2,752,870 2,757,622 2,759,440 2,760,451 19: 2,743,686 22: 2,755,750 23: 2,742,001 28: 2,747,526 2,769,411 2,772,645 2,773,460 32: 2,729,175 38: 2,763,220 40: 2,730,971 42: 2,763,221 74: 2,745,364 86: 2,774,317 97: 2,746,406 98: 2,762,322 99: 2,766,278 2,738,744 2,757,623 2,764,110 104: 2,755,384 113: 2,756,700 163: 2,735,385 165: 2,750,903 173: 2,742,002 176: 2,735,386 2,747,527 179: 2,758,554 2,775,216 181: 2,744,479 2,766,701 111—	112—	46: 2,775,217 47: 2,773,461 48: 2,730,057 59: 2,765,757 60: 2,765,758 63: 2,729,176 2,766,700 66: 2,742,006 67: 2,764,112 70: 2,755,752 77: 2,733,674 78: 2,734,470 2,742,007 2,760,453 79: 2,741,196 2,759,443 2,768,593 2,770,205 79.5: 2,747,530 80: 2,753,820 98: 2,756,281 2,753,821 100: 2,773,462 102: 2,760,454 104: 2,729,177 2,757,625 110: 2,730,058 2,739,550 113: 2,768,594 114: 2,742,870 2,755,757 2,760,455 2,762,324 115: 2,756,387 2,748,730 123: 2,730,059 2,762,323 130: 2,736,282 132: 2,747,531 2,773,463 134: 2,751,867 137: 2,735,388 140: 2,736,283 2,760,455 2,769,415 145: 2,749,858 147: 2,755,753 151: 2,730,976 152: 2,761,401 158: 2,729,178 2,755,754 2,766,703 160: 2,757,626 2,742,871 2,750,905 162: 2,730,060 2,733,675 174: 2,734,688 176: 2,743,688 2,774,319 178: 2,763,225 180: 2,733,676 184: 2,736,226 192: 2,761,402 2,740,366 2,758,557 205: 2,731,929 209: 2,769,416 2,769,417 2,771,848 210: 2,749,859 2,749,860 2,751,868 2,759,444 213: 2,749,861 214: Re.24.121 2,730,977 2,741,197 2,755,755 217: 2,753,823 218: 2,745,365 2,747,532 2,758,558 219: 2,753,824 220: 2,729,179 2,763,677 2,739,551 2,739,552 2,741,198 2,749,862 2,750,906 2,750,907 2,754,782 2,765,759 221: 2,760,457 224: 2,767,670 225: 2,739,553 2,767,671 2,767,672 226: 2,755,756 228: 2,730,978 2,739,554 2,743,689 2,746,407 2,773,464 229: 2,742,008	113—	229: 2,746,408 231: 2,753,825 232: 2,741,199 235: 2,741,200 2,742,009 2,750,908 2,766,706 237: 2,730,979 2,741,201 2,743,690 2,754,783 241: 2,748,733 242: 2,730,980 248: 2,746,409 249: 2,749,863 251: 2,732,817 2,763,227 2,771,849 252: 2,731,930 2,747,533 2,752,872 254: 2,730,061 2,746,410 2,756,704 2,760,458 256: 2,731,931 2,742,870 2,749,864 2,749,865 2,755,757 2,762,324 2,763,227 2,764,113 2,769,418 258: 2,741,202 2,742,011 2,744,482 259: 2,756,705 260: 2,746,411 2,751,869 2,770,207 262: 2,741,203 2,746,412 2,758,559 264: 2,761,403 2,767,673 265: 2,739,555 266: 2,747,534 268: 2,751,870 113—	2,738,747 2,748,732 2,742,872 7: 2,742,872 2,743,685 11: 2,771,046 12: 2,741,204 17: 2,737,627 19: 2,748,733 2,739,556 28: 2,766,712 33: 2,748,734 2,749,866 2,754,784 34: 2,736,284 35: 2,729,180 2,734,471 2,734,472 2,736,285 2,752,873 2,772,646 38: 2,738,748 2,750,909 2,766,710 2,767,674 42: 2,750,910 2,763,228 44: 2,734,473 2,735,388 2,741,205 2,742,873 2,743,691 2,749,867 2,751,871 2,764,785 2,764,786 2,756,707 2,761,405 2,762,329 2,766,711 2,771,850 45: 2,730,981 2,743,686 46: 2,739,557 2,751,872 2,747,536 2,764,114 2,771,851 48: 2,748,735 49: 2,755,758 50: 2,755,759 2,763,229 51: 2,734,474 2,735,393	113—	51: 2,761,407 2,765,706 52: 2,748,736 2,767,675 55: 2,774,320 59: 2,743,692 2,745,367 2,748,737 2,748,738 2,753,826 2,766,708 2,769,445 2,764,115 2,764,953 2,765,761 2,771,047 2,771,048 2,771,049 2,776,709 2,776,710 2,768,597 102: 2,736,286 2,754,787 2,759,559 103: 2,741,206 2,750,911 2,767,676 2,767,677 110: 2,745,368 2,759,446 111: 2,731,933 2,750,912 2,755,761 114: 2,746,413 2,750,913 2,755,762 2,755,763 2,769,419 116: 2,761,408 118: 2,737,628 2,730,983 120: 2,773,466 114—	2,742,012 2,744,482 2,748,739 1: 2,735,391 4: 2,754,788 20: 2,744,484 21: 2,745,369 23: 2,766,713 24: 2,772,647 24: 2,754,789 25: 2,744,485 29: 2,748,740 2,756,711 43.5: 2,756,712 2,761,409 2,768,598 2,768,599 2,768,600 45: 2,740,367 46: 2,732,818 47: 2,774,322 53: 2,754,790 54: 2,768,601 57: 2,729,182 61: 2,775,218 62: 2,735,392 66.5: 2,729,183 2,741,207 2,749,869 2,749,870 2,749,871 2,767,678 2,771,051 2,773,467 67: 2,754,791 72: 2,736,287 73: 2,738,749 75: 2,750,914 77: 2,747,536 2,773,468 79: 2,729,184 2,741,208 2,743,694 2,747,537 125: 2,757,629 126: 2,752,874 147: 2,735,393	114—	153: 2,740,872 2,757,630 185: 2,730,062 2,771,052 2,772,648 201: 2,729,185 2,763,827 2,773,469 202: 2,753,828 2,760,459 206: 2,735,394 207: 2,735,395 2,738,750 2,741,209 2,743,695 2,748,741 2,764,116 208: 2,730,984 2,733,678 210: 2,734,475 2,745,696 219: 2,753,829 220: 2,761,410 230: 2,730,985 2,743,697 2,754,792 2,771,053 235: 2,742,874 239: 2,744,486 240: 2,730,063 115—	2,753,679 2,774,114 2,772,649 1: 2,730,064 2,734,476 2,758,550 2,758,556 2,764,117 2: 2,757,631 14: 2,730,065 15: 2,764,954 16: 2,743,698 2,745,370 17: 2,735,396 2,738,751 2,748,742 2,755,764 2,764,118 2,764,119 18: 2,729,186 2,732,819 2,739,560 2,739,561 2,739,562 2,740,368 2,748,743 2,751,875 2,766,715 25: 2,733,680 32: 2,751,876 34: 2,769,420 35: 2,749,874 2,755,765 2,755,766 41: 2,742,013 2,752,875 2,775,219 42: 2,756,713 50: 2,741,210 53: 2,769,421 4: 2,754,793 13: 2,760,460 16: 2,752,876 28: 2,731,934 2,731,935 34: 2,731,936 2,738,752 2,761,411 37: 2,753,830 41: 2,764,120 42: 2,738,753 63: 2,749,876 2,762,327 2,762,328 2,762,329 65: 2,750,915 67: 2,766,716 2,771,054 87: 2,731,937 100: 2,735,397 101: 2,752,877 2,769,422 102: 2,730,916 105: 2,733,681 2,765,762 106: 2,729,187 2,740,369 2,758,563 2,760,461 2,764,121 109: 2,742,014
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116—	109:	2,746,415	117—	3.1:	2,746,877	117—	38:	2,745,767	117—	73:	2,739,081	117—	137:	2,769,729	117—	227:	2,762,726
		2,751,877		3.5:	2,753,997			2,769,723		76:	2,729,577			2,769,730			2,771,380
110:		2,774,324		4:	2,758,095		40:	2,772,182			2,730,459		138.5:	2,754,229		228:	2,731,371
		2,761,412		4:	2,730,455		41:	2,763,568			2,733,189			2,773,629		230:	2,768,103
112:		2,753,831		7:	2,755,196		43:	2,732,315			2,739,082		138.8:	2,735,790		231:	2,751,317
114:		2,738,754			2,743,189			2,744,032			2,742,377			2,742,379		232:	2,730,466
		2,739,563			2,748,015			2,762,716			2,742,378			2,751,316			2,730,467
		2,740,370			2,748,016			2,766,136			2,745,881			2,753,277			2,747,539
		2,741,211			2,757,099		44:	2,746,873			2,748,027			2,739,851		233:	2,757,634
		2,748,744			2,757,100			2,748,025			2,750,304			2,759,852			2,762,329
		2,753,832			2,763,563		45:	2,748,026			2,751,315			2,767,107			2,769,423
		2,753,833		8:	2,748,017			2,768,093			2,752,266			2,772,189			2,753,836
		2,761,413			2,757,101		46:	2,733,167			2,764,307		139.4:	2,731,368		6:	2,729,159
		2,765,763			2,763,564			2,740,726			2,765,241			2,739,086			2,741,214
		2,767,679			2,763,565			2,749,254			2,769,726			2,752,269			2,744,491
		2,768,602			2,769,722			2,754,221			2,770,559			2,774,691			2,763,252
		2,771,853			2,774,678			2,762,717			2,771,379		139.5:	2,734,004		7:	2,747,210
		2,773,470		9:	2,755,197			2,767,103			2,774,685			2,734,004		8:	2,731,110
		2,774,325			2,760,881		47:	2,729,576		79:	2,752,267			2,734,006			2,734,478
115:		2,743,699			2,772,181			2,734,830		92:	2,733,170			2,734,006			2,746,420
		2,753,834			2,755,198			2,763,569		93:	2,729,578			2,734,853		9:	2,742,017
		2,756,714			2,758,036			2,764,502			2,730,460			2,731,369			2,771,055
115.5:		2,773,471			2,768,902			2,771,378			2,730,461			2,743,193		10:	2,744,492
117:		2,744,487		11:	2,733,998		49:	2,731,360			2,733,171			2,745,770		11:	2,750,921
		2,744,488			2,743,190		50:	2,731,361			2,744,033			2,745,770			2,763,253
		2,746,416			2,766,134			2,733,168			2,754,225			2,746,887			2,764,596
		2,757,632			2,768,091			2,753,999			2,754,226			2,761,795			2,770,211
		2,770,208			2,768,092			2,750,301			2,754,227			2,767,982		12:	2,774,326
118:		2,731,938			2,774,679			2,761,792			2,760,887		140:	2,773,782			2,738,761
		2,732,820		14:	2,751,300			2,768,094			2,764,508		142:	2,744,836		13:	2,738,761
		2,740,371			2,731,358			2,772,183		95:	2,730,462		143:	2,729,579		16:	2,731,942
		2,756,715		15:	2,746,878		51:	2,731,362			2,755,205			2,731,369			2,764,596
		2,756,716			2,763,359			2,734,000		96:	2,730,463			2,741,569			2,763,254
119:		2,731,939			2,733,160			2,761,793			2,734,832		144:	2,766,143		19:	2,736,288
121:		2,739,564		17:	2,748,018			2,763,570		97:	2,744,034			2,768,097		20:	2,760,462
		2,767,680			2,755,199		52:	2,751,311			2,767,106		145:	2,763,578		28:	2,733,998
		2,780,066			2,768,903		53:	2,751,312		100:	2,734,002		148:	2,763,579		31:	2,731,943
		2,731,940			2,774,680			2,754,222			2,758,038		149:	2,768,910		33:	2,741,215
		2,733,082		17.5:	2,735,784		54:	2,741,565			2,758,039		155:	2,731,370			2,745,375
		2,734,477			2,755,199			2,749,255			2,768,095			2,745,029			2,762,330
		2,738,755			2,758,939			2,740,729		102:	2,746,882			2,757,106			2,763,255
		2,738,756			2,764,500		55:	2,746,882			2,758,944			2,764,509			2,766,717
		2,739,565		19:	2,735,786			2,740,727			2,766,138			2,765,243			2,774,327
		2,741,212		20:	2,740,726			2,769,724			2,772,185		157:	2,739,853		34:	2,774,692
		2,741,213		22:	2,733,161		59:	2,740,728			2,772,186		161:	2,738,791		38:	2,744,493
		2,742,015			2,775,531			2,749,250		103:	2,732,319			2,739,909		40:	2,745,376
		2,742,016		25:	2,729,574		60:	2,768,095			2,732,320			2,739,910		41:	2,747,540
		2,746,417			2,764,501		62:	2,732,316			2,743,192			2,739,910		43:	2,772,653
		2,746,418			2,775,532			2,741,566			2,746,883			2,744,035		44:	2,762,881
		2,753,835		26:	2,749,250			2,756,162			2,750,305			2,745,030			2,754,796
		2,754,794			2,772,311			2,756,163			2,763,574		169:	2,734,834		46:	2,746,421
		2,756,717			2,780,066			2,758,037			2,766,139			2,769,732			2,774,328
		2,759,448		31:	2,733,162			2,758,943			2,768,096		200:	2,734,835		47:	2,766,718
124.1:		2,738,757			2,748,019			2,763,571			2,769,727			2,766,144		Re.24,231	
		2,742,017		33:	2,747,681		63:	2,772,187		104:	2,754,228			2,768,098		48:	2,766,289
		2,746,419			2,748,020			2,732,317			2,758,945		202:	2,761,796			2,741,216
124.4:		2,738,758			2,758,940			2,746,880			2,763,575		204:	2,772,989			2,743,700
		2,768,603			2,763,566			2,762,718			2,768,097		206:	2,730,465		49:	2,730,068
125:		2,752,878		33.5:	2,732,313			2,762,719		105:	2,733,172		210:	2,745,772			2,730,986
		2,767,681			2,732,312			2,764,503		106:	2,739,077		211:	2,739,083			2,738,762
		2,768,094			2,732,314			2,764,504			2,762,722			2,739,084			2,739,566
129:		2,738,759			2,733,163		64:	Re.24,364			2,731,365			2,740,731			2,752,882
		2,744,489			2,733,164			2,731,364			2,731,366			2,741,570			2,765,765
		2,752,879			2,733,165			2,753,275			2,759,488			2,743,195		51:	2,767,682
		2,761,414			2,742,376			2,756,164		112:	2,761,794			2,744,837			2,729,191
		2,763,280			2,749,251			2,759,487		113:	2,759,489			2,756,165			2,730,988
		2,763,281			2,749,252			2,760,883			2,746,884			2,761,797			2,741,217
		2,764,955			2,758,941			2,772,184			2,752,268			2,769,733			2,741,218
		2,768,605			2,768,902			2,775,533			2,759,489			2,772,190			2,742,018
		2,768,606			2,763,567		65:	2,749,257		118:	2,765,242		212:	2,739,911			2,761,416
		2,768,946			2,765,239			2,752,265		119:	2,757,105			2,745,773			2,762,331
130:		2,775,220			2,770,557			2,754,224		120:	2,774,367			2,748,031			2,770,212
133:		2,740,372			2,774,682			2,760,884		121:	2,750,306			2,754,230			2,773,472
		2,730,918		34:	2,762,720			2,762,720			2,768,909			2,758,947		53:	2,766,719
		2,732,880			2,739,891			2,764,505		122:	2,746,885			2,768,911		56:	2,769,424
		2,741,219			2,748,021			2,764,506			2,768,096		213:	2,748,032		57:	2,748,746
134:		2,744,490			2,761,791			2,766,137		123:	2,746,886			2,768,099			2,750,922
		2,745,371			2,765,240			2,767,104			2,750,307		216:	2,745,774		60:	2,753,837
135:		2,731,941		35:	2,733,166			2,774,684		126:	2,766,140			2,754,231		63:	2,766,720
		2,732,822			2,748,022		66:	2,734,001			2,766,141			2,758,948		64:	2,771,056
		2,738,760			2,759,485			2,739,892		127:	2,731,367			2,764,510		68:	2,740,373
		2,751,878			2,762,714			2,751,313		128:	2,745,028		217:	2,734,007		69:	2,763,256
136:		2,770,209		35.5:	2,756,161			2,755,204			2,766,142			2,744,838		75:	2,731,944
137:		2,730,067		36:	2,729,575		68:	2,768,906		129:	2,772,187			2,756,166		76:	2,770,213
		2,743,372			2,730,457		68.5:	2,732,318		130:	2,734,003						



118—	235:	2 730, 990	119—	17:	2 765, 771	120—	30:	2 766, 727	121—	38:	2 761, 425	121—	120:	2 750, 931	123—	1:	2 735, 411
		2 747, 542			2 769, 426		31:	2 747, 547			2 761, 426		121:	2 746, 430			2 767, 691
236:		2 733, 683		18:	2 735, 400		32:	2 744, 498			2 764, 131			2 756, 726	7:		2 730, 082
		2 746, 422			2 753, 840		33:	2 759, 545			2 765, 778		133:	2 766, 734			2 734, 488
241:		2 740, 374			2 773, 473		34:	2 763, 241			2 768, 611		148:	2 757, 645			2 738, 777
		2 747, 543	20:		2 729, 196		35:	2 739, 599			2 768, 612		138:	2 772, 664			2 740, 385
242:		2 770, 214			2 732, 826		38:	2 747, 548			2 769, 429		150:	2 736, 297			2 755, 783
243:		2 764, 958			2 740, 379		41:	2 755, 773			2 770, 222			2 745, 386			2 758, 575
246:		2 731, 945			2 764, 127	42.03:		2 734, 484			2 773, 484		152:	2 740, 484			2 764, 138
		2 767, 683	21:		2 753, 841			2 741, 225			2 775, 231		153:	2 764, 135	11:		2 731, 000
249:		2 749, 878	26:		2 731, 949			2 741, 226		39:	2 743, 703		154:	2 745, 387			2 734, 483
		2 754, 798			2 756, 720			2 748, 748			2 763, 242			2 750, 932			2 736, 328
257:		2 745, 378	28:		2 733, 684			2 750, 926			2 766, 730		157:	2 729, 199			2 756, 728
259:		2 760, 464			2 741, 224			2 753, 844		40:	2 730, 994			2 731, 953	12:		2 740, 386
		2 773, 330			2 758, 565			2 757, 639			2 743, 706			2 739, 573	13:		2 742, 882
260:		2 770, 215	34:		2 759, 451			2 773, 478			2 744, 501			2 746, 431			2 760, 496
262:		2 753, 838			2 764, 959			2 775, 228			2 746, 426			2 748, 752			2 766, 737
		2 763, 238	45:		2 738, 764			2 775, 229			2 756, 724			2 751, 889	15:		2 744, 505
264:		2 741, 219			2 771, 057	42.16:		2 735, 403			2 764, 132			2 752, 895			2 762, 346
		2 765, 767			2 745, 379			2 762, 357			2 769, 430		158:	2 773, 486	16:		2 771, 860
268:		2 732, 824			2 756, 721		42.4:	2 730, 993			2 771, 060		164:	2 742, 880			2 747, 554
301:		2 740, 375			2 765, 772			2 733, 829			2 773, 485			2 749, 885	25:		2 748, 735
		2 751, 879			2 765, 773		45.4:	2 736, 292			2 774, 355			2 749, 886			2 752, 000
302:		2 764, 124			2 766, 723	45.6:		2 753, 845			2 774, 356			2 750, 930			2 756, 729
		2 772, 656			2 766, 724		46:	2 749, 883		41:	2 730, 074			2 751, 890	27:		2 734, 490
305:		2 744, 464	50:		2 764, 128			2 794, 485			2 730, 075			2 751, 891			2 739, 577
308:		2 729, 194	51:		751, 883			769, 427			2 733, 688			2 755, 780			2 758, 576
309:		2 758, 564			2 758, 566		48:	2 738, 749			2 733, 689			2 762, 343	32:		2 731, 856
		2 759, 450			2 759, 452			2 753, 846			2 735, 406			2 762, 344			2 734, 491
312:		2 749, 879			2 772, 659			2 771, 059			2 738, 771			2 766, 735			2 735, 412
		2 757, 635	51.5:		2 766, 725		50:	2 733, 686			2 738, 772		186:	2 731, 954			2 735, 413
313:		2 764, 125	52:		2 731, 956			2 766, 728			2 740, 377		194:	2 739, 572			2 738, 778
314:		2 740, 376			2 765, 773			2 766, 729			2 742, 021			2 739, 574			2 739, 578
315:		2 772, 657			2 738, 765			2 770, 221			2 742, 022			2 746, 429			2 739, 578
316:		2 752, 883			2 738, 766			2 773, 479			2 743, 707			2 752, 896			2 740, 387
317:		2 760, 465			2 742, 020			2 774, 332			2 744, 502			2 757, 646			2 741, 229
318:		2 730, 070			2 745, 380	51:		729, 197			2 745, 383			2 757, 647			2 741, 230
321:		2 731, 946			2 745, 381			2 734, 486			2 746, 427			2 764, 136			2 742, 025
323:		2 770, 216			2 746, 423	52:		2 750, 927			2 750, 928			2 765, 779			2 743, 711
		2 772, 658			2 747, 546			2 756, 722			2 752, 891	122—	1:	2 732, 830			2 744, 506
326:		2 732, 825			2 749, 881			2 774, 333			2 752, 892			2 762, 345			2 746, 433
		2 734, 479			2 752, 884	57:		758, 568			2 754, 806		4:	2 730, 997			2 747, 555
334:		2 734, 480			2 752, 885	73:		2 773, 480			2 755, 777			2 730, 998			2 747, 556
405:		2 741, 220			2 754, 801	89:		2 736, 293			2 755, 778			2 730, 999			2 747, 557
		2 766, 721			2 755, 770	96:		2 738, 768			2 755, 779		6:	2 742, 023			2 753, 852
410:		2 753, 839			2 755, 771			2 769, 428			2 757, 641			2 773, 487			2 758, 577
		2 757, 636			2 773, 226	108:		2 752, 888			2 759, 457	6.6:		2 735, 409			2 758, 578
411:		2 761, 417	53:		2 744, 497			2 762, 338			2 761, 427			2 738, 776			2 758, 579
		2 761, 418			55:			2 773, 474			2 761, 428			2 754, 807			2 761, 431
		2 765, 568	60:		2 768, 607	121—	1:	2 740, 381			2 766, 731		17:	2 744, 503			2 762, 348
		2 770, 217			2 770, 220			2 745, 382			2 766, 732		19:	2 741, 227			2 764, 139
411:		2 749, 880	61:		2 735, 402		2:	2 739, 570			2 768, 613		24:	2 745, 375			2 766, 738
412:		2 756, 718			2 742, 877		3:	2 729, 198			2 770, 223		31:	2 747, 542			2 767, 692
		2 761, 419			2 772, 660			758, 569			2 771, 061		34:	2 739, 575			2 768, 613
415:		2 730, 991	71:		2 773, 475			2 772, 663			2 771, 062		73:	2 749, 887			2 769, 430
416:		2 781, 420	72:		2 761, 423	9:		2 754, 804			2 774, 337	135:		2 744, 504			2 768, 615
421:		2 734, 481	72.5:		2 775, 227	12:		2 773, 481		42:	2 742, 879		140:	2 751, 892			2 771, 861
423:		2 750, 923			2 749, 882	13:		2 738, 768			2 751, 887		145:	2 756, 298	34:		2 760, 467
		2 771, 856	75:		2 764, 960			752, 889			2 756, 725		156:	2 730, 079			2 761, 432
425:		2 741, 221			2 762, 332			2 768, 610			2 769, 431		161:	2 773, 488	41.04:		2 729, 022
429:		2 739, 567			2 771, 058	16:		2 764, 130			2 769, 432		235:	2 730, 080			2 757, 650
		2 744, 495	81:		2 762, 333	17:		2 771, 859			2 745, 384		265:	2 748, 754	41.1:		2 760, 468
		2 769, 425	82:		2 754, 802	20:		2 759, 455			2 750, 929			2 754, 808	41.12:		2 729, 203
500:		2 731, 947	85:		2 738, 767	25:		2 748, 750			2 733, 691			2 755, 781			2 732, 831
503:		2 731, 948	98:		2 733, 685			2 748, 751			2 736, 296			2 768, 614			2 734, 488
		2 736, 719	99:		2 730, 072			2 748, 752			2 736, 297		240:	2 745, 388			2 740, 388
		2 767, 684			2 732, 827			2 748, 753			2 740, 383			2 758, 574			2 741, 231
504:		2 754, 799			2 764, 129			2 773, 483			2 745, 385			2 774, 339			2 742, 883
505:		2 729, 195	100:		2 743, 701			2 765, 776			2 758, 571		248:	2 730, 081			2 743, 489
		2 765, 770	103:		2 752, 886			2 765, 777			2 759, 458		262:	2 752, 897			2 744, 508
506:		2 741, 222			2 753, 842			2 765, 778			2 764, 133		275:	2 751, 893	41.25:		2 766, 740
612:		2 784, 126			2 773, 477	34:		2 733, 687			2 767, 688		333:	2 759, 460	41.31:		2 736, 300
1:		2 734, 482	105:		2 740, 380			2 762, 339			2 774, 338		336:	2 731, 955			2 739, 579
		2 741, 223			2 757, 637			2 763, 240			2 738, 773	46:		2 747, 553	41.33:		2 730, 083
		2 748, 747			2 765, 775			2 743, 703			2 746, 428			2 763, 247	41.35:		2 759, 461
		2 775, 222	106:		2 743, 702			2 743, 704			2 746, 429	46.4:		2 747, 550	41.38:		2 742, 883
3:		2 751, 881	126:		2 762, 334			2 731, 951			2 743, 705	46.5:		2 743, 706	41.39:		2 744, 508
		2 761, 421	128:		2 767, 685			2 735, 404			2 757, 642		359:	2 756, 727	41.4:		2 742, 026
5:		2 751, 880			2 765, 774			2 735, 405			2 757, 643		360:	2 746, 432	41.4:		2 743, 484
		2 754, 800	143:		2 751, 884			2 736, 294			2 757, 644		397:	2 733, 693	41.44:		2 735, 415
		2 761, 422			2 751, 885			2 736, 2									

123— 41: 86.	2,771,064	123— 90:	2,771,866	123— 179:	2,748,759	124— 26:	2,742,889	126— 110:	2,758,591	128— 1:	2,762,365
	2,771,065		2,772,067		2,748,760	30:	2,759,439	113:	2,740,396	2:	2,759,439
44:	2,774,341		2,775,232		2,750,934	41:	2,743,716	116:	2,741,244		2,759,585
46:	2,741,232	97:	2,730,090		2,751,898	125— 3:	2,734,498		2,745,398		2,742,035
48:	Re 24,214		2,733,696		2,761,439	5:	2,763,257		2,750,935		2,744,520
	2,733,698		2,741,233		2,762,354	9:	2,735,418		2,767,702		2,744,521
	2,758,882		2,744,510		2,764,966	11:	2,733,700		2,770,226		2,749,908
	2,769,433		2,749,894		2,766,749		2,737,701		2,775,238		2,749,909
	2,770,224		2,749,895		2,769,437		2,733,702	121:	2,743,720		2,750,938
51:	2,730,087		2,764,962		2,771,067		2,735,419		2,747,568		2,755,796
	2,731,002		2,767,097		2,771,068		2,735,420		2,749,905		2,760,483
	2,768,616	102:	2,752,905		2,773,493		2,736,310		2,752,913		2,767,703
52:	2,733,695		2,767,695	180:	2,762,355		2,738,784	127:	2,733,705		2,767,704
	2,734,494		2,736,304	182:	2,742,380		2,741,239	135:	2,775,239	2:05:	2,753,863
	2,740,389		2,736,305	185:	2,730,092		2,741,240	137:	2,740,397		2,756,741
	2,757,651		2,739,581		2,731,007		2,741,241	143:	2,740,398		2,758,883
	2,759,462		2,756,734		2,741,235		2,744,515	190:	2,745,399		2,772,672
	2,759,463	112:	2,771,867		2,742,887		2,748,761	191:	2,731,011	2:07:	2,773,497
	2,764,140		2,732,833		2,746,445		2,764,144	194:	2,757,663	2:08:	2,742,897
	2,764,961		2,739,582		2,772,609		2,768,619	198:	2,744,518	2:1:	2,729,211
	2,765,780		2,746,584	187.5:	2,730,093		2,771,871	200:	2,733,706		2,736,313
	2,771,863		2,766,747		2,744,512		2,772,610		2,733,707		2,764,148
	2,771,864		2,769,436	188:	2,732,836		2,774,344	204:	2,749,906		2,767,705
	2,771,865	118:	2,732,534		2,753,857		2,775,235	208:	2,738,592		2,769,441
53:	2,731,003	119:	2,731,008		2,753,858	13:	2,743,717		2,764,907	6:	2,764,150
	2,748,757		2,732,835		2,753,859		2,747,565	210:	2,755,792		2,764,149
55:	2,746,435		2,733,697		2,761,438	14:	2,736,311	214:	Re 24,188	15:	2,756,742
	2,757,652		2,740,391		2,745,395	15:	2,757,659		2,764,907		2,765,785
	2,762,350		2,741,234	190:	2,735,416		2,763,258		2,771,873	20:	2,751,902
	2,765,751		2,742,885		2,736,306	18:	2,736,312		2,772,614		2,751,903
	2,766,743		2,745,392		2,738,780		2,771,872	215:	2,732,838	24:	2,752,914
58:	2,770,225		2,746,438		2,738,781		2,775,236		2,760,481	24.1:	2,739,586
59:	2,729,204		2,746,439		2,738,782	20:	2,761,440	231:	2,764,146		2,745,400
	2,730,088		2,747,560		2,739,583		2,768,620	242:	2,733,708	24.2:	2,766,750
	2,736,303		2,747,561		2,742,032	23:	2,731,961	247:	2,748,762	25:	2,755,422
	2,749,888		2,754,512		2,744,513		2,733,703		2,764,147		2,756,743
	2,759,464		2,756,735		2,749,899		2,742,890	248:	2,755,793		2,771,874
	2,769,434		2,757,654		2,749,900		2,746,447	252:	2,733,709	29:	Re 24,193
	2,773,489		2,759,467		2,749,901		2,753,861	253:	2,733,710		2,749,910
65:	2,731,004		2,760,471		2,752,907		2,755,790		2,760,482		2,767,706
	2,756,731		2,762,352		2,752,908		2,755,790		2,770,229		2,770,231
	2,759,465		2,763,251		2,757,655		2,762,359		2,770,230		2,770,232
	2,763,248		2,764,142		2,760,472		2,768,620	275:	2,767,664		2,774,346
	2,765,782		2,774,342		2,760,473		2,772,617	290:	2,750,936		2,771,069
	2,766,744		2,774,343		2,760,474	30:	2,735,421	298:	2,753,862	30:	2,755,797
	2,767,695		2,773,491		2,760,475		2,764,967		2,762,363		2,758,594
68:	2,769,435		2,774,344		2,760,476	37:	2,742,891		2,764,971		2,759,474
69:	2,762,351		2,758,850		2,760,477	39:	2,752,909	299:	2,744,519		2,761,442
73:	2,740,390		2,764,963		2,760,478		2,761,441	301:	2,746,449		2,762,360
	2,745,390		2,773,491		2,760,479	126— 1:	2,758,588	307:	2,734,501		2,772,673
74:	2,772,666	122:	2,730,091		2,763,254	4:	2,742,892		2,754,816	33:	2,744,522
	2,756,736		2,745,393		2,763,255	8:	2,743,718		2,755,794		2,763,251
	2,773,489		2,745,394		2,768,617	9:	2,747,566		2,764,972		2,774,348
78:	2,742,027		2,748,758		2,768,618		2,756,738	343.5:	2,729,209		2,765,786
79:	2,742,028		2,763,252		2,770,227	19:	2,746,448		2,734,502		2,767,707
80:	2,760,089		2,765,736	193:	2,754,514		2,752,910		2,738,786		2,770,233
	2,731,957		2,767,699		2,746,446		2,775,237		2,764,973		2,773,498
	2,732,832	124:	2,755,786		2,769,438	21:	2,731,962		2,773,496	36:	2,742,030
	2,734,495	127:	2,733,698		2,771,869		2,739,584	344:	2,732,839	41:	2,742,037
	2,739,580		2,761,437		2,771,870		2,743,719		2,749,907		2,768,621
	2,742,029	133:	2,742,886	195:	2,731,008		2,755,791	360:	2,752,966	44:	2,771,875
	2,742,030		2,746,440		2,731,960	25:	2,734,499	362:	2,756,739	50:	2,733,711
	2,742,031		2,771,868		2,743,497		2,747,567	366:	2,755,795	57:	2,748,753
	2,743,712	139:	2,773,492		2,740,393		2,751,899	367:	2,740,397		2,752,915
	2,743,713		2,746,441		2,741,236		2,774,345	369.2:	2,757,669		2,767,707
	2,743,715		2,746,442		2,747,563		2,774,345	378:	2,756,425	60:	2,747,570
	2,744,509		2,746,443		2,759,470	38:	2,742,033	384:	2,751,901		2,754,817
	2,745,391		2,746,443		2,764,143		2,742,893	390:	2,764,974	62:	2,757,798
	2,746,436		2,749,896	196:	2,736,307		2,757,660		2,735,792	66:	2,730,095
	2,746,437		2,750,933		2,764,394		2,759,471	127— 1:	2,739,086		2,738,787
	2,747,559		2,754,513		2,741,237		2,762,360		2,749,238		2,747,571
	2,749,889		2,759,468		2,745,396		2,763,259		2,760,488	69:	2,756,744
	2,749,890		2,763,253		2,747,564		2,769,440	15:	2,743,197	70:	2,749,911
	2,749,891		2,764,964		2,754,814	41:	2,758,589		2,743,198	71:	2,768,622
	2,749,892		2,771,066		2,755,787	42:	2,749,903		2,759,488		2,773,499
	2,749,893	140:	2,742,888		2,757,656		2,764,968	28:	2,730,096	75:	2,740,399
	2,751,895		2,749,897		2,765,784	59.5:	2,732,837	31:	2,768,912		2,757,665
	2,751,896		2,749,898		2,766,736	77:	2,745,397	32:	2,749,259	76.5:	2,735,423
	2,752,901		2,751,897	124— 1:	2,729,206		2,751,900	33:	2,754,233		2,741,245
	2,752,902		2,752,906		2,758,585	9:	2,752,911	34:	2,740,733		2,748,764
	2,752,903		2,758,584		2,753,860	91:	2,759,472		2,767,108	77:	2,767,708
	2,752,904		2,759,469		2,763,256		2,759,473		2,770,230	78:	2,730,096
	2,753,554		2,767,700		2,767,701		2,764,145	36:	2,746,889		2,733,712
	2,753,555		2,772,608	11:	2,767,701	92:	2,731,010		2,762,727		2,760,486
	2,754,810		2,775,233		2,773,492		2,762,362		2,765,244		2,767,709
	2,754,811	142:	2,740,392		2,733,699	93:	2,742,894		2,767,109	80:	2,772,674
	2,755,784		2,731,959		2,736,308	96:	2,754,815	37:	2,734,836	81:	2,746,451
	2,755,785		2,770,226		2,749,902	99:	2,768,200		2,754,233	83.5:	2,762,367
	2,756,733	146.5:	2,734,932		2,762,356	101:	2,741,242		2,759,856	84:	2,750,939
	2,757,653		2,766,314		2,762,357		2,742,895	41:	2,758,040		2,760,487
	2,758,883		2,773,113	14:	2,729,208		2,757,661	43:	2,744,037		2,764,150
	2,759,466	148:	2,730,178	15:	2,757,657	110:	2,733,704		2,754,233		2,771,876
	2,760,470		2,748,182		2,758,586		2,734,500	48:	2,744,517	87:	2,735,424
	2,761,433		2,753,389		2,773,494		2,738,785		2,753,279		2,736,314
	2,761,434		2,756,268		2,757,658		2,741,243	48:	2,759,857		2,753,864
	2,761,435		2,768,227	19:	2,730,094		2,742,034	49:	2,764,512		2,772,675
	2,761,436		2,769,021		2,741,238		2,742,896	50:	2,774,683	90:	2,755,475
	2,763,249		2,772,319	20:	2,735,417		2,744,516	55:	2,763,580	91:	2,731,963
	2,763,250		2,772,320	21:	2,755,788		2,744,517	67:	2,772,900		2,746,452
	2,764,141	169:	2,775,234	22:	2,760,480		2,749,904	68:	2,760,889		2,757,666
	2,765,783	179:	2,731,005		2,762,358		2,751,900		2,773,784		2,761,453
	2,766,745		2,731,006		2,763,259		2,752,912	128— 1:			



28—	92:	2,765,787	128—	218:	2,734,504	128—	290:	2,742,903	129—	31:	2,767,715	131—	195:	2,731,018	132—	46:	2,730,111	
		2,772,676			2,735,427			2,747,575		38:	2,735,433		198:	2,734,514			2,764,966	
		2,774,350			2,735,428			2,750,944		41:	2,773,504		203:	2,750,946			2,767,720	
	94:	2,750,940			2,735,429			2,771,882		5:	2,731,969		206:	2,770,240			2,773,505	
	96:	2,742,038			2,735,430			2,772,678	130—	2:	2,768,626		207:	2,771,883			2,775,245	
	104:	2,743,721			2,736,813			2,773,503		6:	2,754,827		208:	2,748,777		48:	2,767,721	
	127:	2,746,745			2,739,588		291:	2,745,406		9:	2,767,716		209:	2,734,829		49:	2,739,802	
	130:	2,769,442			2,739,589		295:	2,739,595		24:	2,739,597		212:	2,763,267			2,740,412	
	131:	2,764,975			2,739,590			2,749,913		27:	2,742,044		213:	2,770,241			2,742,910	
	133:	2,742,898			2,739,591			2,756,751			2,743,728		214:	2,774,354			2,771,888	
		2,767,709			2,742,041			2,759,477			2,745,409		216:	2,746,459		50:	2,742,911	
	134:	2,738,595		219:	2,745,403		296:	2,731,011			2,749,916		223:	2,756,755			2,764,987	
		2,766,751			2,748,767			2,740,405			2,760,492		233:	2,740,410		52:	2,736,324	
	136:	2,750,941			2,748,768			2,755,805			2,768,627		235:	2,730,106			2,756,757	
	139:	2,752,916			2,752,918			2,764,189			2,771,077			2,731,019			2,761,457	
	141:	2,741,246			2,752,919		303:	2,756,752		30:	2,731,970			2,731,020		53:	2,736,325	
		2,742,039			2,753,867			2,764,160			2,742,044			2,733,721			2,771,081	
		2,745,401			2,757,672		303.1:	2,731,016			2,746,458			2,736,320		55:	2,765,798	
	142:	2,732,840			2,761,447			2,742,904			2,750,945			2,743,729		65:	2,764,988	
		2,735,425			2,764,980			2,766,756			2,764,163			2,748,778		73:	2,738,794	
		2,743,722			2,764,981		305:	2,730,100			2,768,628			2,762,376			2,746,460	
		2,747,572			2,766,754			2,730,101			2,771,078			2,764,165			2,764,166	
		2,755,799			2,767,710			2,730,102		31:	2,747,578			2,765,794			2,764,168	
		2,758,596			2,768,623			2,730,103		131—	1:	2,759,858			2,768,631			2,771,082
		2,763,262			2,771,880		309:	2,758,601		4:	2,746,890			2,771,884		73.5:	2,760,500	
		2,764,151			2,773,500		310:	2,740,406			2,747,579		237:	2,760,497		74.5:	2,746,461	
		2,764,152		219:	2,766,747		317:	2,741,248			2,754,828			2,760,514		75.3:	2,764,988	
		2,766,732			2,763,748		318:	2,761,450			2,764,984			2,771,886		75.5:	2,738,793	
	145:	2,742,899		221:	2,746,454		321:	2,733,716		10:	2,739,598		238:	2,730,107			2,762,380	
		2,753,865			2,745,405			2,743,726			2,755,206			2,734,515		76.2:	2,749,923	
	146:	2,738,788			2,748,769			2,751,908			2,761,798		240:	2,743,730			2,749,924	
		2,740,400			2,751,907		323:	2,755,806			2,764,513			2,749,917		76.4:	2,735,434	
		2,744,523			2,755,801			2,757,673			2,768,633			2,771,080		79:	2,730,117	
		2,744,524			2,755,802		326:	2,748,773		15:	2,733,720		241:	2,762,377			2,736,326	
		2,744,525			2,770,236		327:	2,754,825			2,734,509		247:	2,730,108			2,751,913	
		2,751,904			2,773,501			2,765,791			2,734,510		254:	2,754,830			2,751,914	
		2,751,905		223:	2,764,982		329:	2,739,596			2,738,791		256:	2,736,321			2,762,381	
		2,762,368		224:	2,735,431		334:	2,730,790			2,755,207			2,736,322			2,771,083	
		2,764,153		227:	2,734,820			2,752,921			2,769,734			2,740,411			2,775,246	
147:		2,765,788			2,768,624		335:	2,751,909		17:	2,733,174			2,745,415			2,775,247	
148:		2,751,906		229:	2,758,599			2,762,371			2,739,913			2,760,498			2,775,248	
153:		2,740,401			2,758,600		335.5:	2,734,506			2,745,775			2,763,268			2,775,249	
		2,745,765			2,733,713			2,734,507			2,759,859			2,769,447		80:	2,743,732	
		2,771,877		231:	2,771,070			2,748,774			2,766,145			2,771,886		81:	2,753,877	
156:		2,734,503		232:	2,733,592			2,751,910			2,766,146			2,775,242		82:	2,763,271	
		2,735,426			2,771,071		341:	2,759,478			2,766,148		257:	2,749,918		83:	2,734,517	
		2,740,402		233:	2,736,316		342:	2,763,265			2,766,149		258:	2,767,718			2,746,462	
		2,740,403			2,756,749		346:	2,747,576			2,766,150		259:	2,749,919			2,747,586	
		2,744,526			2,750,948			2,756,753			2,773,503		260:	2,758,632			2,748,780	
		2,750,942		237:	2,742,902		348:	2,735,432		21:	2,729,213	132—	1:	2,734,516			2,761,458	
		2,755,800		241:	2,771,072		349:	2,751,911			2,729,214			2,769,448		84:	2,733,722	
		2,756,746		249:	2,754,821		350:	2,763,266			2,745,410			2,771,887			2,740,413	
		2,764,976			2,761,448			2,765,792			2,747,580			2,775,243			2,765,799	
157:		2,739,587		251:	2,748,770		352:	2,774,353		22:	2,745,411	7:		2,766,323		85.5:	2,746,463	
162:		2,746,453		252:	2,744,529			2,775,241			2,753,871			2,738,793		88.7:	2,735,435	
167:		2,738,789			2,747,573		356:	2,751,912		29:	2,734,511			2,742,909		89:	2,771,084	
173:		Re.24,241			2,764,977			2,753,869			2,759,481			2,750,947			2,771,085	
		2,734,818			2,764,155			2,753,870			2,734,512			2,763,269			2,771,889	
		2,757,067			2,771,073		359:	2,766,757		51:	2,740,408			2,765,795		91:	2,735,436	
		2,762,369		260:	2,736,317		360:	2,743,727		52:	2,745,412			2,766,760			2,736,327	
		2,764,977			2,753,868		370:	2,730,104		61:	2,742,805			2,774,356			2,736,328	
		2,767,712			2,765,789		373:	2,756,754			2,742,806		9:	2,774,357		92:	2,735,437	
173.1:		2,757,068			2,773,502		401:	2,734,508			2,742,807		31:	2,749,920			2,742,047	
184:		2,752,917		261:	2,747,574		402:	2,749,914		66:	2,759,482		33:	2,731,021			2,756,788	
188:		2,754,819			2,752,920			2,745,407			2,760,493			2,742,046			2,748,781	
		2,766,753			2,767,712		421:	2,772,679			2,762,374			2,747,584		109:	2,761,459	
		2,774,351			2,733,714	129—	1:	2,732,842			2,759,483			2,748,779		110:	2,758,600	
191:		2,742,040		263:	2,739,593			2,733,717		70:	2,731,971			2,750,948		115:	2,771,890	
198:		2,763,263		264:	2,754,822			2,744,530		79:	2,747,581			2,762,378		116:	2,755,807	
200:		2,745,402		271:	2,754,823			2,754,826		80:	2,757,675			2,775,244			2,775,251	
201:		2,764,154		272:	2,731,013			2,760,490			2,745,413		34:	2,774,358		118:	2,748,782	
203:		2,774,352			2,731,965			2,761,451			2,766,758		38:	2,739,601		126:	2,755,808	
205:		2,742,900			2,753,868			2,762,372		88:	2,760,494		39:	2,754,831		129:	2,774,359	
214:		2,729,212			2,764,156			2,764,161		94:	2,740,409		40:	2,749,921		135:	2,762,383	
		2,730,097			2,764,157			2,766,162		109:	2,736,319			2,759,484			2,772,682	
		2,742,901			2,764,983			2,771,075			2,752,922			2,763,270		142:	2,761,460	
		2,744,526			2,766,755		8:	2,730,105		110:	2,769,446			2,767,719		148:	2,762,382	
		2,757,069		276:	2,771,074		16:	2,731,017		121:	2,739,599			2,768,633		155:	2,748,783	
		2,757,670			2,758,476			2,731,966			2,755,803			2,768,634		2:	2,763,272	
		2,758,597			2,769,445			2,733,718		125:	2,766,759			2,772,681			2,764,989	
		2,758,598		280:	2,748,771			2,742,043			2,759,483		41:	2,730,109		5:	2,735,438	
		2,761,445		283:	2,741,247			2,745,408			2,747,582			2,741,249			2,739,603	
		2,763,264			2,745,404			2,748,775		131:	2,745,414			2,752,923			2,766,762	
		2,770,234			2,7													

134—	17: 2,752,272	135—	5: 2,752,929	136—	178: 2,770,666	137—	98: 2,751,920	137—	236: 2,736,334	137—	438: 2,752,938
	19: 2,762,729		2,764,993		181: 2,730,561		2,751,921		238: 2,734,523		444: 2,731,031
	21: 2,752,273		2,771,088		137—	1: 2,742,914	2,752,934		240: 2,770,248		446: 2,745,428
	23: 2,744,842		2,772,684			2,749,925	2,768,638		241: 2,764,993		452: 2,730,123
	24: 2,767,110		2,767,451			2,749,934	2,760,510		242: 2,774,371		2,736,336
	24: 2,735,794		2,737,078			2,774,303	2,763,279		244: 2,749,932		2,747,605
	2,748,036		2,770,244			2,754,373	2,774,366		246: 2,739,606		2,753,886
	25: 2,735,795		15: 2,775,252			2,774,364	2,761,462		246: 16: 2,746,478		2,761,467
	2,742,381		16: 2,729,220			2,773,725	2,772,851		246: 18: 2,750,515		453: 2,751,928
	27: 2,734,837		2: 2,767,722			2,742,048	2,732,821		246: 19: 2,767,729		2,764,180
	2,766,151		13: 2,731,973			2,766,765	2,753,727		246: 22: 2,738,799		454: 2,738,802
	29: 2,740,734		2,736,329			2,746,700	2,735,441		2,747,600		454: 2,730,423
	2,755,209		2,747,591			2,757,592	2,760,511		251: 2,751,922		2,750,959
	34: 2,756,168		2,753,878			2,731,022	2,764,174		253: 2,747,601		2,751,933
	36: 2,708,101		2,736,760			2,739,604	2,766,766		264: 2,747,602		2,771,904
	37: 2,758,041		2,757,679			35: 2,745,422	2,772,688		266: 2,730,118		454: 6: 2,738,803
	42: 2,750,309		2,767,723			38: 2,733,726	2,774,369		266: 2,738,802		458: 2,735,729
	45: 2,732,846		25: 2,761,461			2,748,786	2,774,370		268: 2,766,767		460: 2,741,260
	46: 2,764,170		26: 2,772,085			2,753,881	2,774,370		269: 5: 2,779,456		2,749,937
	2,774,360		38: 2,762,383			2,769,452	2,773,502		269: 5: 2,779,456		2,750,956
	47: 2,745,416		33: 2,742,913			2,770,245	2,773,502		296: 2,762,383		2,752,939
	47: 2,770,242		34: 2,746,469			39: 2,748,787	2,729,225		312: 2,742,055		462: 2,744,537
	49: 2,741,251		34: 2,745,421			43: 2,772,686	2,730,115		312: 2,766,768		468: 2,742,927
	52: 2,763,274		41: 2,740,417			43: 2,747,397	2,730,116		315: 2,742,051		469: 2,732,856
	56: Re.24,198		46: 2,759,486			44: 2,774,365	2,766,764		315: 2,755,814		2,754,841
	2,734,518		47: 2,750,951			45: 2,747,593	2,760,512		318: Re.24,199		470: 2,754,842
	2,745,733		2,753,879			45: 2,742,915	2,768,639		321: 2,763,282		2,763,285
	2,746,465		48: 2,753,880			51: 2,762,384	2,771,898		322: 2,751,927		483: 2,749,938
	57: 2,730,114		49: 2,736,330			53: 2,748,789	2,745,425		318: Re.24,199		484: 2,755,815
	2,732,847		50: 2,771,089			56: 2,741,256	2,747,598		318: Re.24,199		486: 2,734,525
	2,740,414		51: 2,741,255			63: 2,736,331	2,751,923		321: 2,763,282		486: 2,734,525
	2,747,387		2,735,882			64: 2,737,080	2,767,729		322: 2,751,927		486: 2,734,525
	2,754,834		2,744,947			2,760,507	2,764,175		322: 2,751,927		486: 2,734,525
	2,769,450		2,752,411			65: 2,746,471	2,748,791		322: 2,751,927		486: 2,734,525
	2,771,891		2,757,220			66: 2,732,848	2,767,729		329: 02: 2,767,730		487: 2,730,119
	2,771,892		2,761,005			2,735,439	2,767,729		329: 05: 2,760,516		488: 2,731,980
	2,771,893		2,763,705			2,742,915	2,729,225		329: 1: 2,742,052		489: 2,746,482
	2,771,894		5: 2,757,221			2,746,472	2,767,681		330: 2,742,919		489: 2,746,482
	2,745,417		2,758,146			2,763,277	2,761,465		332: 2,739,607		489: 2,746,482
	2,755,809		2,762,857			68: 2,740,418	2,738,797		332: 2,739,607		489: 2,746,482
	2,759,485		6: 2,757,222			2,764,173	2,741,257		333: 2,730,249		490: 2,744,536
	2,760,501		14: 2,772,007			71: 2,747,394	2,768,640		333: 2,732,855		2,759,487
	60: 2,771,086		26: 2,771,499			73: 2,749,926	2,749,935		340: 2,746,479		491: 2,731,032
	64: 2,748,784		2,759,057			74: 2,746,473	2,750,952		341: 2,771,903		492: 5: 2,736,337
	72: 2,746,466		30: 2,771,500			75: 2,765,802	2,761,464		343: 2,747,603		493: 6: 2,730,124
	2,766,764		26: 2,739,036			76: 2,729,221	2,767,729		360: 2,762,382		494: 2,729,223
	74: 2,774,361		39: 2,747,008			79: 2,756,761	2,731,026		371: 2,729,221		495: 2,731,034
	76: 2,741,252		2,753,882			80: 2,756,803	2,732,853		375: 2,765,807		496: 2,755,816
	90: 2,740,416		57: 2,739,979			81: 2,751,919	2,742,918		377: 2,744,535		497: 2,767,733
	93: 2,747,588		67: 2,734,094			82: 2,729,222	2,769,455		382: 2,731,978		498: 2,729,224
	95: 2,729,219		79: 2,767,287			83: 2,768,637	2,745,425		385: 2,748,794		2,767,734
	96: 2,747,589		83: 2,747,805			84: 2,731,024	2,745,425		386: 2,746,480		505: 12: 2,770,252
	99: 2,774,362		89: 2,773,925			85: 2,729,223	2,750,952		390: 2,762,389		505: 13: 2,738,790
	102: 2,745,418		100: 2,732,417			86: 2,742,917	2,750,952		391: 2,739,608		505: 14: 2,741,263
	105: 2,747,590		108: 2,747,009			87: 2,731,025	2,750,952		392: 2,763,288		505: 15: 2,739,611
	2,760,302		110: 2,738,723			88: 2,768,637	2,750,952		394: 2,762,390		505: 16: 2,739,611
	2,763,275		112: 2,746,468			89: 2,773,925	2,750,952		397: 2,756,766		505: 17: 2,739,611
	110: 2,764,169		122: 2,768,635			90: 2,773,925	2,750,952		399: 2,740,422		505: 18: 2,739,611
	111: 2,738,723		2,762,857			91: 2,773,925	2,750,952		400: 2,750,954		505: 19: 2,739,611
	112: 2,746,467		125: 2,752,928			92: 2,773,925	2,750,952		404: 2,754,838		505: 20: 2,739,611
	122: 2,768,635		125: 2,752,928			93: 2,773,925	2,750,952		407: 2,756,768		505: 21: 2,739,611
	125: 2,744,531		125: 2,752,928			94: 2,773,925	2,750,952		408: 2,739,609		505: 22: 2,739,611
	126: 2,745,419		125: 2,752,928			95: 2,773,925	2,750,952		410: 2,742,920		505: 23: 2,739,611
	128: 2,760,503		125: 2,752,928			96: 2,773,925	2,750,952		412: 2,746,481		505: 24: 2,739,611
	133: 2,734,519		125: 2,752,928			97: 2,773,925	2,750,952		413: 2,746,481		505: 25: 2,739,611
	2,752,926		125: 2,752,928			98: 2,773,925	2,750,952		414: 2,746,481		505: 26: 2,739,611
	134: 2,733,724		125: 2,752,928			99: 2,773,925	2,750,952		415: 2,746,481		505: 27: 2,739,611
	137: 2,763,276		125: 2,752,928			100: 2,773,925	2,750,952		416: 2,746,481		505: 28: 2,739,611
	141: 2,741,253		125: 2,752,928			101: 2,773,925	2,750,952		417: 2,746,481		505: 29: 2,739,611
	145: 2,764,171		125: 2,752,928			102: 2,773,925	2,750,952		418: 2,746,481		505: 30: 2,739,611
	167: 2,751,916		125: 2,752,928			103: 2,773,925	2,750,952		419: 2,746,481		505: 31: 2,739,611
	167: 2,753,876		125: 2,752,928			104: 2,773,925	2,750,952		420: 2,746,481		505: 32: 2,739,611
	2,755,810		125: 2,752,928			105: 2,773,925	2,750,952		421: 2,746,481		505: 33: 2,739,611
	2,764,991		125: 2,752,928			106: 2,773,925	2,750,952		422: 2,746,481		505: 34: 2,739,611
	2,764,992		125: 2,752,928			107: 2,773,925	2,750,952		423: 2,746,481		505: 35: 2,739,611
	168: 2,753,877		125: 2,752,928			108: 2,773,925	2,750,952		424: 2,746,481		505: 36: 2,739,611
	172: 2,771,895		125: 2,752,928			109: 2,773,925	2,750,952		425: 2,746,481		505: 37: 2,739,611
	174: 2,734,520		125: 2,752,928			110: 2,773,925	2,750,952		426: 2,746,481		505: 38: 2,739,611
	176: 2,751,917		125: 2,752,928			111: 2,773,925	2,750,952		427: 2,746,481		505: 39: 2,739,611
	179: 2,744,532		125: 2,752,928			112: 2,773,925	2,750,952		428: 2,746,481		505: 40: 2,739,611
	182: 2,752,927		125: 2,752,928			113: 2,773,925	2,750,952		429: 2,746,481		505: 41: 2,739,611
	186: 2,760,505		125: 2,752,928			114: 2,773,925	2,750,952		430: 2,746,481		505: 42: 2,739,611
	2,760,506		125: 2,752,928			115: 2,773,925	2,750,952		431: 2,746,481		505: 43: 2,739,611
	199: 2,741,254		125: 2,752,928			116: 2,773,925	2,750,952		432: 2,746,481		505: 44: 2,739,611
	1: 2,742,912		125: 2,752,928			117: 2,773,925	2,750,952		433: 2,746,481		505: 45: 2,739,611
	2,743,734		125: 2,752,928			118: 2,773,925	2,750,952		434: 2,746,481		505: 46: 2,739,611
	2,745,420		125: 2,752,928			119: 2,773,925	2,750,952		435: 2,746,481		505: 47: 2,739,611
	2,752,928		125: 2,752,928			120: 2,773,925	2,750,952		436: 2,746,481		505: 48: 2,739,611
	2,754,836		125: 2,752,928			121: 2,773,925	2,750,952		437: 2,746,481		505: 49: 2,739,611
	3: 2,748,785		125: 2,752,928			122: 2,773,925	2,750,952		438: 2,746,481		505: 50: 2,739,611
	2,757,077		125: 2,752,928			123: 2,773,925	2,750,952		439: 2,746,481		505: 51: 2,739,611</



137— 525: 2,757,685 2,758,599 527: 2,757,735 527.4: 2,744,539 527.8: 2,760,517 2,763,287 529: 2,770,255 533.17: 2,748,738 533.21: 2,742,928 536: 2,731,981 2,765,817 539: 2,761,408 540: 2,745,432 2,751,929 542: 2,771,091 543.13: 2,740,425 543.21: 2,730,125 549: 2,738,804 554: 2,752,944 558: 2,759,489 560: 2,738,805 2,747,609 561: 2,771,092 563: 2,729,239 565: 2,763,288 571: 2,734,528 574: 2,757,686 2,767,736 575: 2,771,906 587: 2,730,126 2,748,799 2,751,931 2,773,509 591: 2,730,127 592: 2,749,939 595: 2,738,806 2,766,771 597: 2,733,731 599: 2,767,737 599.1: 2,775,259 599.2: 2,763,289 604: 2,756,773 605: 2,758,610 606: Re.24,255 607: 2,731,982 2,732,859 2,759,490 2,769,439 608: 2,754,845 609: 2,750,960 613: 2,742,055 2,749,940 614: 2,739,612 2,758,611 2,761,469 2,770,256 614.14: 2,773,510 2,754,846 2,771,093 616.7: 2,730,128 620: 2,733,732 2,735,445 2,746,484 2,747,610 2,756,774 2,761,470 2,770,257 2,771,094 2,774,376 2,774,377 621: 2,729,240 2,729,241 2,742,922 2,745,433 2,751,922 2,772,694 2,775,260 622: 2,729,242 2,730,129 2,731,983 2,739,613 2,742,056 2,747,611 2,747,612 2,751,933 2,752,945 2,752,946 2,752,947 2,763,290 2,765,808 2,771,907 623: 2,732,860 2,774,378 624: 2,736,339 2,739,614 2,744,540 2,749,941 625.11: 2,741,265 625.12: 2,765,810 2,765,810 625.16: 2,747,613 625.32: 2,770,253 625.34: 2,731,036 625.37: 2,764,181	137—625.39: 2,768,645 625.4: 2,743,738 2,752,948 2,769,460 2,772,695 625.41: 2,757,687 625.42: 2,735,446 2,742,924 2,745,434 625.43: 2,757,688 2,759,492 625.45: 2,770,254 625.5: 2,741,264 2,750,961 627: 2,743,739 2,744,541 628: 2,734,529 2,741,266 630.15: 2,743,740 2,753,889 630.18: 2,744,542 630.19: 2,735,447 2,753,890 630.2: 2,766,772 630.22: 2,766,773 633: 2,738,807 634: 2,764,182 635: 2,730,130 2,753,891 2,775,261 636: 2,756,775 636.3: 2,766,774 637: 2,774,379 637.1: 2,748,800 2,756,776 637.3: 2,755,818 79: 2,762,392 780: 2,773,513 781: 2,747,615 784: 2,747,615 2,752,949 786: 2,768,646 787: 2,729,243 2,762,393 2,770,258 788: 2,734,530 2,745,435 2,761,471 2,762,394 2,765,811 790: 2,738,808 2,764,996 791: 2,744,543 2,751,934 2,762,395 792: 2,762,396 2,730,131 2,774,380 795: 2,751,935 796: 2,749,942 2,756,777 2,771,095 138— 25: 2,732,861 2,752,950 26: 2,730,132 2,755,819 2,755,820 2,761,472 2,763,291 30: 2,731,037 2,731,038 2,731,984 2,738,809 2,757,689 2,760,518 2,773,511 31: Re.24,223 2,729,244 2,734,531 2,742,929 2,743,741 2,746,485 2,748,801 2,755,892 2,754,847 2,764,997 2,764,998 2,764,999 2,774,381 34: 2,733,733 38: 2,742,926 42: 2,748,802 43: 2,762,397 44: 2,743,742 45: 2,731,039 2,740,426 2,742,057 2,742,925 2,752,951 2,764,183 46: 2,767,739 2,768,647	138— 46: 2,768,648 2,739,615 46.5: 2,771,908 47: 2,732,862 2,732,863 2,745,436 48: 2,773,512 49: 2,731,040 50: 2,748,803 2,758,612 51: 2,767,740 52: 2,770,259 53: 2,752,952 2,763,292 54: 2,747,616 2,749,943 2,754,848 2,767,741 2,772,696 56: 2,730,133 2,733,734 2,739,616 2,740,427 2,741,267 2,774,388 57: 2,730,134 58: 2,757,690 2,757,691 60: 2,748,804 62: 2,742,930 63: 2,741,268 2,759,491 64: 2,745,437 65: 2,753,448 2,735,449 2,749,944 2,750,963 2,765,000 2,773,513 68: 2,753,893 2,774,383 69: 2,774,384 70: 2,735,450 74: 2,730,135 2,756,778 75: 2,740,429 2,740,429 2,762,396 76: 2,742,931 2,748,805 2,752,953 2,755,821 78: 2,751,936 79: 2,754,849 84: 2,775,262 89: 2,746,486 2,759,492 2,763,293 2,764,184 2,770,260 2,771,096 2,773,514 89.3: 2,774,385 90: 2,749,945 92: 2,763,294 94.3: 2,760,519 96: 2,729,245 2,730,136 2,732,864 2,745,438 2,747,617 97: 2,731,041 2,743,743 2,756,779 99: 2,759,493 1— 2,753,894 2,759,494 7: 2,751,937 13: 2,735,451 2,747,618 15: 2,741,269 18: 2,738,810 20: 2,752,965 2,740,430 2,760,521 28: 2,742,058 30: 2,756,780 35: 2,772,697 37: 2,741,270 38: 2,760,520 39: 2,729,246 2,731,985 2,750,964 2,754,850 2,758,613 2,759,495 2,765,001 40: 2,768,649 41: 2,752,954 42: 2,750,965 59: 2,773,515 68: 2,751,938 71: 2,741,271	139— 79: 2,750,966 2,773,516 91: 2,774,385 2,774,386 92: 2,730,137 2,739,617 2,739,618 2,769,461 97: 2,774,387 109: 2,755,822 110: 2,741,272 2,745,439 2,755,823 2,755,824 2,775,263 122: 2,769,462 123: 2,745,440 124: 2,742,932 2,757,692 2,738,614 125: 2,739,619 2,759,496 126: 2,731,986 2,749,946 2,770,261 2,774,388 138: 2,730,138 2,771,098 142: 2,773,517 145: 2,739,621 146: 2,748,806 147: 2,746,487 2,760,522 2,760,523 2,760,524 2,771,099 149: 2,739,621 150: 2,739,622 2,760,525 154: 2,731,042 2,766,775 159: 2,740,431 2,744,581 160: 2,764,186 161: 2,741,273 2,753,895 2,775,264 166: 2,754,852 2,760,526 167: 2,750,967 170.3: 2,762,399 170.6: 2,743,744 171: 2,766,776 185: 2,736,340 2,755,825 186: 2,763,295 188: 2,766,777 2,750,965 191: 2,766,778 192: 2,771,099 196: 2,748,807 2,771,100 207: 2,729,247 2,768,650 2,771,910 214: 2,746,488 217: 2,731,043 228: 2,759,497 2,769,465 232: 2,736,341 2,754,853 2,754,854 2,762,400 247: 2,766,779 251: 2,766,780 271: 2,762,401 259: 2,731,044 263: 2,752,955 267: 2,731,987 2,760,527 2,736,342 291: 2,756,781 294: 2,730,139 296: 2,768,651 304: 2,735,453 2,746,489 336: 2,740,432 2,742,933 346: 2,741,274 2,748,808 339: 2,771,911 341: 2,750,960 2,745,441 2,756,782 2,766,781 354: 2,744,544 371: 2,740,433 2,746,490 374: 2,744,545 379: 2,733,735 384: 2,754,855 2,768,652 2,772,698 2,775,265 391: 2,731,045	139— 391: 2,740,431 2,774,394 2,765,813 397: 2,735,452 399: 2,745,442 2,745,443 402: 2,760,528 2,774,389 403: 2,754,856 2,747,390 406: 2,750,969 409: 2,742,059 419: 2,742,060 2,773,699 420: 2,731,046 2,734,532 2,745,444 421: 2,753,896 423: 2,749,947 426: Re.24,139 2,765,814 140— 1: 2,735,454 2,740,494 3: 2,768,296 30: 2,773,518 57: 2,757,693 60: 2,773,519 71: 2,747,619 2,732,862 2,770,262 71.5: 2,736,343 2,759,498 2,759,499 2,765,002 71.6: 2,736,344 2,752,957 2,760,529 73: 2,730,141 74: 2,774,391 82: 2,742,061 89: 2,771,912 91: 2,744,586 92.2: 2,736,346 2,736,346 92.3: 2,730,142 92.94: 2,742,948 2,749,948 2,765,815 93: 2,742,062 2,763,297 2,767,742 2,772,700 93.6: 2,747,620 2,751,939 2,752,958 2,756,783 101: 2,759,500 109: 2,753,897 112: 2,732,866 2,736,347 2,772,701 115: 2,738,811 2,775,266 119: 2,772,702 124: 2,774,392 2,760,435 149: 2,733,736 1: 2,772,703 2,755,267 5: 2,773,520 2,773,521 6: 2,770,263 9: 2,771,913 2,774,393 24: 2,765,004 2,772,704 57: 2,771,101 59: 2,768,653 65: 2,765,816 2,769,464 2,768,655 73: 2,766,788 78: 2,775,268 2,768,656 82: 2,771,914 83: 2,768,657 86: 2,769,464 88: 2,765,005 94: Re.24,229 96: 2,769,465 99: 2,775,269 116: 2,771,915 142: 2,758,618 150: 2,771,916 160: 2,765,817 165: 2,773,522 167: 2,772,705 195: 2,767,743 2,771,917 286: 2,765,819 301: 2,768,659 319: 2,767,744	141— 319: 2,768,660 328: 2,767,745 346: 2,772,706 357: 2,768,661 373: 2,775,270 384: 2,775,271 1: 2,738,812 2,745,445 7: 2,765,819 2,769,466 15: 2,770,264 52: 2,731,047 56: 2,764,187 4: 2,761,473 6: 2,735,455 2,735,456 2,739,624 2,765,820 2,770,265 2,773,523 17: 2,736,348 24: 2,743,745 27: 2,744,547 26: 2,736,349 32: 2,731,048 2,733,738 2,741,275 2,741,276 2,746,492 2,747,621 2,748,809 2,748,810 2,755,826 2,759,501 2,765,821 2,765,822 2,765,823 2,767,746 2,774,395 35: 2,752,959 36: 2,758,615 37: 2,729,248 2,745,450 43: 2,733,739 2,736,350 2,756,784 2,761,474 2,770,266 46: 2,729,249 47: 2,767,741 2,759,502 2,772,707 2,773,524 51: 2,739,625 2,753,893 55: 2,773,525 60: 2,736,351 2,740,436 2,764,188 68: 2,738,812 2,746,493 2,747,622 2,761,940 70: 2,775,272 73: 2,731,988 2,735,457 2,753,898 2,771,102 85: 2,751,941 2,753,899 2,755,827 89: 2,769,467 90: 2,748,811 91: 2,733,740 99: 2,765,006 108: 2,762,402 117: 2,741,278 120: 2,739,626 2,768,662 132: 2,729,250 2,748,812 2,767,747 133: 2,734,533 2,735,458 2,735,459 2,741,279 2,749,949 2,760,530 2,763,298 2,770,267 2,771,918 2,772,708 135: Re.24,129 2,730,143 2,736,352 2,741,280 2,744,548 2,746,494 2,747,623 2,747,624 2,749,506 2,755,828 2,771,919 151: 2,734,534
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143—	155: 2,751,942	144—	219: 2,755,831	145—	52: 2,762,409	146—	117: 2,751,949	149—	13.1: 2,773,787	150—	33: 2,740,447
157: 2,742,935		221: 2,753,901		2,765,828		118: 2,747,634		16.5: 2,755,210		2,744,556	
2,752,960		229: 2,731,991		2,774,401		119: 2,763,307		2,759,863		2,765,833	
2,765,007		2,771,108		61: 2,743,749		120: 2,752,969		2,763,882		2,769,475	
2,766,783		239: 2,755,787		63: 2,755,276		121: 2,753,909		2,758,950		34: 2,730,153	
2,767,748		242: 2,756,786		64: 2,749,953		122: 2,759,250		21.5: 2,764,515		2,764,201	
158: 2,741,281		245: 2,730,144		66: 2,765,013		123: 2,734,538		21.54: 2,732,823		35: 2,745,456	
2,746,495		247: 2,774,397		64: 2,730,145		129: 2,767,753		21.55: 2,745,776		2,746,903	
159: 2,731,049		249: 2,747,028		65: 2,738,815		153: 2,759,510		2,756,169		2,771,112	
2,742,063		251: 2,750,971		66: 2,756,792		168: 2,740,445		2,753,853		34: 2,734,166	
2,751,487		252: 2,762,404		70: 2,733,745		169: 2,749,955		21.9: 2,766,155		2,750,978	
2,764,189		253: 2,758,617		108: 2,736,534		170: 2,766,793		2,766,156		2,773,532	
2,765,824		254: 2,759,506		2,742,936		174: 2,763,308		23: 2,755,164		38: 2,746,504	
2,766,531		2,764,193		2,747,631		175: 2,738,818		272,192		2,752,976	
160: 2,749,951		2,771,109		2,771,925		180: 2,741,286		26: 2,742,883		2,757,750	
167: 2,765,008		256: 2,766,787		116: 2,752,965		182: 2,730,147		2,748,040		2,765,015	
168: 2,750,970		279: 2,739,628		2,766,791		2,734,539		2,755,211		2,774,404	
169: 2,745,447		2,744,551		120: 2,748,817		2,742,937		31: 2,745,777		39: 2,732,874	
171: 2,754,838		2,771,923		2,754,864		2,743,531		2,761,801		2,732,875	
2,766,784		281: 2,735,461		121: 2,730,146		2,751,950		2,768,918		2,744,557	
174: 2,731,989		2,755,832		125: 2,732,869		2,755,836		2,770,563		2,748,821	
2,740,437		2,758,618		146—	2: 2,729,254	204: 2,773,530		32: 2,757,108		2,761,482	
2,744,549		285: 2,759,507		2,735,464		215: 2,751,951		2,763,884		2,763,511	
2,747,625		286: 2,766,788		2,752,966		218: 2,736,335		2,767,750		2,767,750	
2,754,859		287: 2,763,301		2,760,536		222: 2,730,148		32: 2,748,041		40: 2,753,914	
2,764,190		288: 2,732,868		2,760,537		224: 2,734,540		103: 2,733,175		2,756,794	
2,771,103		2,749,873		2,760,538		227: 2,738,819		104: 2,744,040		2,764,202	
144—	1: 2,753,741	2,754,862		2,771,926		228: 2,730,149		111: 2,765,246		2,774,405	
2: 2,758,616		2,759,508		2,775,277		243: 2,747,635		121: 2,757,170		42: 2,765,016	
2,770,268		2,764,195		2,775,278		2,766,794		150—	5: 2,730,150	47: 2,760,539	
2,759,504		291: 2,729,252		2,743,750		239: 2,771,927		2,731,053		48: 2,754,869	
2,760,532		2,753,902		2,731,992		239: 2,766,795		2,731,054		51: 2,755,838	
2,743,748		293: 2,764,196		2,742,064		240: 2,759,511		2,731,996		2,767,757	
2,763,299		2,754,862		2,766,792		290: 2,731,052		2,732,870		52: 2,729,258	
2,763,300		296: 2,745,450		2,767,472		4: 2,745,455		2,736,356		2,729,259	
32: 2,740,438		293: 2,761,475		2,765,829		147—	1: 2,743,199		2,740,444	2,731,055	
2,745,448		296: 2,745,450		2,757,695		148—	1.5: 2,749,956		2,749,956	2,731,056	
2,754,860		297: 2,763,303		2,762,401		8: 2,739,058		2,739,058		2,731,996	
2,762,403		2,770,271		2,755,834		2,743,200		2,751,952		2,732,876	
2,770,269		302: 2,744,552		2,757,695		2,743,201		2,752,970		2,732,877	
2,773,526		303: 2,750,972		2,762,401		2,753,281		2,752,971		2,733,747	
34: 2,748,813		304: 2,760,535		2,764,198		2,759,861		2,752,972		2,734,543	
2,751,943		304: 2,735,462		10: 2,762,401		2,761,800		2,754,866		2,741,287	
36: 2,738,813		2,756,789		12: 2,765,830		2,762,790		2,756,793		2,747,637	
39: 2,748,814		2,762,405		13: 2,753,905		2,763,301		2,762,411		2,748,822	
42: 2,739,627		305: 2,768,664		16: 2,731,994		2,765,245		2,764,199		2,748,823	
83: 2,765,825		307: 2,764,196		2,740,439		2,771,382		2,764,200		2,751,957	
2,747,627		309: 2,733,744		2,753,906		2,774,695		2,765,014		2,752,977	
87: 2,764,191		2,736,533		2,762,401		2,768,102		2,765,831		2,753,911	
92: 2,765,009		2,741,283		2,745,453		2,768,733		2,766,796		2,767,758	
110: 2,731,050		2,747,629		2,750,975		2,768,915		2,767,755		2,770,275	
112: 2,764,192		2,751,946		2,772,710		3: 2,769,736		2,768,667		2,768,668	
114: 2,771,104		2,751,947		2,775,278		4: 2,741,571		2,771,928		2,773,533	
117: 2,771,105		2,752,962		2,775,279		2,750,311		1: 2,730,151		2,774,406	
128: 2,732,867		2,770,272		33: 2,740,441		2,744,843		2,740,445		2,748,824	
133: 2,754,861		2,771,110		40: 2,750,976		2,774,696		2,749,957		2,775,281	
2,759,505		2,774,398		49: 2,748,819		2,772,711		2,751,954		9: 2,742,072	
134: 2,735,460		4: 2,774,399		49: 2,748,819		2,772,711		2,753,910		11: 2,766,798	
2,744,550		5: 2,758,619		55: 2,731,051		2,772,711		2,754,867		12: 2,771,113	
2,751,944		2,762,406		2,738,816		2,772,711		2,761,480		14: 2,745,457	
2,756,785		14: 2,734,535		2,742,068		2,772,711		2,764,199		15: 2,742,073	
2,767,749		2,750,973		59: 2,752,967		2,772,711		2,766,796		19: 2,734,544	
2,771,106		20: 2,752,963		68: 2,758,623		2,772,711		2,767,755		2,742,938	
136: 2,741,282		24: 2,775,275		72: 2,735,465		2,772,711		2,768,668		2,750,979	
2,745,449		25: 2,771,924		73: 2,738,817		2,772,711		2,769,475		2,754,871	
2,746,496		29: 2,729,253		76: 2,732,869		2,772,711		2,770,563		2,758,627	
2,751,945		2,754,863		78: 2,729,255		2,772,711		2,771,928		31: 2,770,276	
2,752,961		2,757,694		78: 2,729,255		2,772,711		2,771,928		35: 2,730,155	
2,753,900		30: 2,731,993		79: 2,733,908		2,772,711		2,771,928		2,731,057	
2,766,785		31: 2,735,463		83: 2,760,537		2,772,711		2,771,928		2,736,795	
144.5: 2,741,284		2,752,964		85: 2,770,273		2,772,711		2,771,928		2,770,277	
145: 2,773,527		2,762,407		86: 2,770,274		2,772,711		2,771,928		37: 2,735,470	
162: 2,764,192		2,773,528		88: 2,747,633		2,772,711		2,771,928		2,741,289	
180: 2,748,815		2,774,400		94: 2,744,553		2,772,711		2,771,928		2,746,506	
193: 2,771,107		32: 2,734,536		95: 2,752,966		2,772,711		2,771,928		2,754,872	
196: 2,775,273		33: 2,747,630		102: 2,740,442		2,772,711		2,771,928		2,763,312	
198: 2,765,010		2,767,751		106: 2,741,285		2,772,711		2,771,928		2,767,759	
205: 2,746,497		2,769,469		108: 2,742,069		2,772,711		2,771,928		2,770,278	
208: Re.24,215		35: 2,756,790		117: 2,735,409		2,772,711		2,771,928		2,771,929	
2,729,251		2,769,477		2,745,454		2,772,711		2,771,928		2,772,730	
2,753,742		2,766,789		2,746,500		2,772,711		2,771,928		2,772,731	
2,753,743		2,766,790		2,746,501		2,772,711		2,771,928		2,772,732	
2,738,814		2,768,665		2,746,502		2,772,711		2,771,928		2,772,733	
2,746,498		2,769,470		2,746,503		2,772,711		2,771,928		2,772,734	
2,749,952		36: 2,753,833		2,746,504		2,772,711		2,771,928		2,772,735	
2,755,829		2,761,478		2,746,505		2,772,711		2,771,928		2,772,736	
2,756,786		2,767,752		2,746,506		2,772,711		2,771,928		2,772,737	
2,760,534		50: 2,739,629		2,746,507		2,772,711		2,771,928		2,772,738	
2,765,011		2,745,451		2,746,508		2,772,711		2,771,928		2,772,739	
2,765,012		2,748,816		2,746,509		2,772,711		2,771,928		2,772,740	
2,767,750		2,750,974		2,746,510		2,772,711		2,771,928		2,772,741	
2,769,468		2,756,791		2,746,511		2,772,711		2,771,928		2,772,742	
2,770,270		2,758,620		2,746,512		2,772,711		2,771,928		2,772,743	
2,771,922		2,764,197		2,746,513		2,772,711		2,771,928		2,772,744	
2,775,274		2,769,471		2,746,514		2,772,711		2,771,928		2,772,745	
209: 2,766,786		2,773,529		2,746,515		2,772,711		2,771,928		2,772,746	
218: 2,731,990		52: 2,758,621		2,746,516		2,772,711		2,771,928		2,772,747	
2,755,830		2,762,408		2,746,517		2,772,711		2,771,928		2,772,748	



152—	75: 2,761,485	153—	1: 2,742,944	153—	72: 2,757,706	154—	2.6: 2,731,068	154—	43: 2,744,844	154—	90: 2,739,091
153:	2,745,459		2,744,560		73: 2,741,292		2,739,638		2,744,845		2,749,266
	2,760,541		2,744,561		2,749,963		2,753,315		2,740,801		2,753,286
158:	2,775,282		2,749,961		2,751,961		2,729,581		2,758,951		2,757,110
173:	2,747,639		2,754,877		2,756,804		2,750,312		2,762,735		2,761,802
175:	2,753,912		2,756,802		2,771,117		2,758,042		2,763,585		2,762,739
179:	2,748,826		2,762,414		2,773,538		2,760,893		2,769,739		2,753,179
182:	2,745,469		2,765,019		2,774,532	76:	2,756,171	2.73:	2,773,788	91:	2,751,320
	2,764,203		2,766,804		2,753,918		2,755,212	2.75:	2,774,697		2,757,111
	2,764,204		2,772,715		2,750,985		2,740,459	2.77:	2,760,894		2,768,921
	2,764,205		2,775,283		2,769,479		2,732,002	4:	2,730,475	43.5:	2,734,012
	2,764,206		2,774,548		2,742,947		2,757,709	44:	2,731,374		2,739,918
	2,764,207	2:	2,757,703		2,747,645		2,773,540		2,742,384		2,738,048
	2,764,208		2,758,629		2,736,360	79:	2,742,948	5:	2,756,172	98:	2,739,092
	2,764,209	3:	2,729,264		2,742,948		2,774,408		2,758,043		2,744,847
	2,764,210		2,740,450		2,774,408		2,732,884	45:	2,733,176		2,756,173
	2,764,211	4:	2,765,020		2,740,456	80:	2,736,361	6:	2,742,385		2,767,113
	2,764,212	7:	2,775,284		2,736,361	80.5:	2,773,539	7:	2,746,892		2,771,387
183:	2,754,873	10.5:	2,773,536		2,767,766		2,753,316	2.78:	2,749,262	95:	2,729,583
185:	2,730,156	16:	2,767,762		2,772,716		2,729,269	2.79:	2,750,313		2,733,180
187:	2,735,471	21:	2,768,670		2,742,949		2,739,639	45.9:	2,731,375		2,734,013
202:	2,749,959		2,733,749		2,760,540		2,749,963		2,749,267		2,739,919
207:	2,760,497		2,738,823		2,767,767		2,740,460		2,752,275	97.5:	2,768,922
209:	2,756,798		2,767,763		2,733,753	91:	2,730,158		2,754,235	99:	2,734,840
237:	2,759,512		2,771,931		2,757,707		2,747,650		2,758,044		2,757,112
270:	2,770,279	25:	2,732,879		2,741,293		2,752,983		2,773,790	100:	2,766,162
	2,771,114		2,755,839		2,733,750	104:	2,754,885		2,774,098		2,766,163
211:	2,766,808		2,747,641		2,746,513		2,754,886	46:	2,752,276		2,762,193
	2,767,759	29:	2,740,451	154—	1: 2,729,267		2,760,550		2,758,045	101:	2,730,478
213:	2,731,059		2,748,828		2,732,881		2,761,489		2,765,247		2,730,479
	2,743,754		2,757,704		2,733,751		2,763,317		2,766,158		2,769,740
	2,753,913	32:	2,729,265		2,738,825	14:	2,741,295	46.8:	2,769,740		2,744,045
	2,762,412		2,735,474		2,748,753		2,746,515	49:	2,740,739		2,744,848
	2,767,760		2,738,824		2,743,758		2,754,887		2,748,042		2,746,894
214:	2,746,507		2,739,639		2,745,463		2,761,489		2,752,277		2,746,895
216:	2,754,874		2,740,452		2,746,514		2,764,220		2,759,885		2,750,317
	2,770,280		2,740,453		2,747,616		2,772,719		2,760,895		2,755,215
218:	2,729,261		2,742,945		2,749,964		2,773,541		2,771,386		2,757,113
	2,742,940		2,745,462		2,749,965		2,774,409		2,773,541		2,757,114
	2,746,508		2,747,643		2,750,986	15:	2,771,936	50:	2,730,476		2,757,115
	2,767,761		2,747,644		2,759,516		2,730,159		2,734,009		2,758,952
219:	2,743,755		2,752,982		2,759,517	17:	2,730,159		2,755,213		2,769,741
222:	2,739,633		2,764,214		2,759,518	20:	2,757,711	51:	2,734,010		2,772,991
225:	2,771,925		2,767,764		2,764,217	27:	2,732,885		2,748,043		2,772,992
227:	2,738,820		2,771,933		2,765,837	28:	2,747,651	52:	2,755,214		2,774,849
228:	2,744,558	35:	2,734,549	1.1:	2,747,647		2,768,672		2,758,046	102:	2,771,388
	2,771,115		2,736,359		2,768,671	29:	2,736,362		2,772,993		2,774,841
231:	2,733,748		2,742,076		2,770,283		2,742,951	52.1:	2,748,044		2,776,159
233:	2,729,262		2,742,077	1.5:	2,747,648		2,758,630		2,766,159	103:	2,732,324
235:	2,751,938	39:	2,751,960		2,750,987	30:	2,732,886	52.2:	2,739,090	104:	2,760,898
236:	2,750,981		2,754,878	1.6:	2,732,001		2,736,363	52.5:	2,733,177	106:	2,739,093
237:	2,746,509		2,757,705		2,732,882		2,742,079		2,744,846		2,768,923
239:	2,740,449	40:	2,740,454		2,739,635		2,761,490		2,768,919	110:	2,739,094
241:	2,738,821		2,743,756		2,744,562		2,771,119		2,771,384		2,742,387
	2,770,281		2,754,879		2,749,966	33.05:	2,754,964		2,773,791		2,742,388
242:	2,735,472		2,754,880		2,755,840		2,759,523	53:	2,763,586		2,744,850
	2,771,930		2,754,881		2,759,519	33.1:	2,765,023	53.5:	2,748,045		2,748,045
312:	2,745,461		2,756,803		2,760,547		2,767,768		2,753,178		2,750,318
323:	2,764,213		2,762,415		2,760,548	37:	2,766,807		2,744,041		2,755,216
325:	2,742,941	44:	2,741,291		2,761,487		2,771,120		2,750,314		2,760,899
330:	2,731,060		2,761,486		2,769,480	41:	2,739,640		2,750,315		2,764,516
	2,742,942	45:	2,762,416		2,771,935		2,744,564		2,750,316		2,765,248
	2,749,960		2,771,116		2,772,717		2,746,516		2,753,284		2,773,792
	2,752,978	46:	2,730,157	1.7:	2,731,067		2,766,808		2,753,285	116:	2,739,584
	2,770,282		2,743,757		2,732,883		2,770,284		2,771,385		2,730,480
341:	2,731,061	48:	2,773,537		2,741,294		2,774,410	53.6:	2,752,278		2,738,181
	2,731,062		2,734,550		2,744,563	42:	2,729,270		2,772,994		2,735,797
	2,748,827		2,740,455		2,747,649		2,730,160		2,774,699		2,739,095
	2,754,875		2,746,510		2,751,962		2,730,161	54:	2,741,297		2,739,096
	2,754,876		2,750,982		2,759,520		2,732,887		2,754,236		2,748,046
342:	2,756,800		2,730,983	1.75:	2,754,883		2,753,475		2,772,993		2,748,047
344:	2,742,943		2,753,915		2,771,118		2,738,826	54.5:	2,743,206		2,748,048
347:	2,752,979		2,753,916	1.76:	2,731,066		2,738,827	55:	2,742,120		2,749,267
	2,756,801		2,759,513		2,772,718		2,738,828		2,758,047		2,751,321
	2,765,018		2,762,417	1.8:	2,729,268		2,741,296		2,774,042		2,753,287
351:	2,760,542		2,764,215		2,733,752		2,742,080	75:	2,751,318		2,761,803
354:	2,752,980		2,764,216		2,733,753		2,743,761		2,771,386		2,765,249
	2,766,801		2,765,836		2,739,636		2,743,762	81:	2,739,916		2,768,107
357:	2,757,701		2,767,765		2,739,637		2,743,763		2,749,264	118:	2,739,920
363:	2,731,063		2,774,406		2,740,457		2,751,965		2,757,109		2,742,389
365:	2,737,535	52:	2,748,829		2,740,458		2,751,966		2,758,048		2,744,046
370:	2,762,413	54:	2,734,551		2,748,830		2,752,984	82:	2,745,778		2,745,779
378:	2,731,064		2,742,078		2,748,831		2,752,985		2,762,736		2,752,280
384:	2,766,802		2,746,511		2,749,967		2,758,631	83:	2,731,376		2,755,217
411:	2,766,803		2,750,984		2,751,963		2,759,524		2,734,838		2,757,116
413:	2,757,702		2,759,514		2,756,805		2,760,551		2,734,839		2,761,804
416:	2,751,959		2,760,544		2,757,708		2,762,420		2,739,917	120:	2,731,378
417:	2,747,640		2,762,418		2,760,549		2,762,421		2,740,740		2,732,325
418:	2,742,075		2,765,021		2,762,419		2,766,809		2,744,043	121:	2,730,477
427:	2,731,065		2,769,477		2,764,218		2,766,810		2,749,265		2,735,412
	2,744,559	61:	2,739,515		2,764,219		2,767,769		2,751,319		2,736,358
	2,765,835	63:	2,760,545		2,765,838		2,768,673		2,760,896	122:	2,734,842
	2,769,476	64:	2,749,962		2,769,481		2,771,121		2,766,160		2,734,843
429:	2,752,981	64.5:	2,766,805	2.22:	2,730,473	42.3:	2,746,161		2,766,161	124:	2,731,379
430:	2,772,714	65:	2,746,512		2,766,157		2,745,464		2,768,106		2,740,741
	2,732,000		2,755,022		2,768,105		2,748,832		2,768,920		2,740,742
153—	1: 2,729,263		2,774,407	2.24:	2,742,950		2,748,833	84:	2,731,071		2,768,924
	2,732,000		2,769,478		2,749,261		2,766,811	85:	2,734,011		2,772,995
	2,732,878	66:	2,771,932		2,760,892	43:	2,739,089		2,762,737	126:	2,742,390
	2,734,546		2,771,934		2,770,265		2,740,736		2,762,738		2,750,320
	2,735,473	70:	2,742,946	2.25:	2,730,474		2,740,737	87:	2,731,377	126.5:	2,730,481
	2,736,358		2,753,917	2.26:	2,743,009		2,74				

154—	127: 2,750,321	155—	54: 2,768,674	155—	152: 2,738,833	157—	1.2: 2,757,720	158—	91: 2,755,849	160—	34: 2,754,898
128:	2,755,182		2,771,121		153: 2,750,992	1.24:	2,756,811		2,756,811		37: 2,754,899
	2,743,207	56:	2,741,298		154: 2,760,557		2,772,726		2,775,293		39: 2,739,644
	2,746,896		2,770,291		155: 2,771,125	1.26:	2,746,528		2,745,479		58: 2,746,537
	2,754,237	58:	2,753,921		156: 2,750,993		2,749,975		2,747,658		62: 2,774,416
	2,754,238	61:	2,758,634		157: 2,755,844		2,760,563		2,755,850		71: 2,734,372
	2,765,250	62:	2,738,831		158: 2,766,807	1.28:	2,753,921		2,767,232		72: 2,756,814
	2,768,108	63:	2,772,722		159: 2,770,292		2,762,424		2,767,784		73: 2,752,993
	2,768,925	64:	2,731,073		158: 2,767,777	1.5:	2,736,368		2,750,997		84: 2,732,593
	2,773,793	65:	2,757,714		2,767,778		2,759,530		2,754,899		85: 2,732,594
130:	2,751,322	71:	2,772,723		2,744,566	158—	1: 2,748,842		2,751,495		2,742,084
	2,774,701	72:	2,746,319		2,745,471		2,753,925		2,767,785		2,746,538
	2,744,047	77:	2,729,273		2,772,724		2,757,926		2,772,729		2,754,901
133:	2,758,953		2,732,005		161: 2,750,994		2,761,494		2,759,533		2,754,901
	2,768,109		2,760,553		162: 2,752,988		2,762,425		2,745,848		2,754,901
	2,772,197	79:	2,751,967		163: 2,730,165		2,763,321		2,762,428		2,771,133
136:	2,746,897		2,774,411		164: 2,750,995	1.5:	2,757,721		2,766,819		2,745,485
	2,759,866	88:	2,732,006		166: 2,734,557		2,734,560		2,771,132		2,764,235
	2,772,996		2,752,960		169: 2,748,838		2,736,369		2,757,725		2,738,838
	2,772,997		2,763,320		166: 2,760,558		2,748,843		2,766,819		2,754,901
	2,775,794	89:	2,741,299		170: 2,770,293		2,753,926		2,771,131		2,745,485
	2,728,585	91:	2,720,274		171: 2,738,479	5:	2,735,491		2,733,738		2,747,417
	2,746,898		2,749,969		172: 2,746,527		2,758,636		2,741,302		2,742,961
	2,748,409	93:	2,742,953		173: 2,749,973	7:	2,744,568		2,744,569		2,751,000
	2,750,322	94:	2,740,464		174: 2,756,808		2,746,530		2,745,481		2,757,726
	2,765,251		2,742,082		177: 2,740,467		2,748,844		2,748,848		2,771,134
	2,766,164	95:	2,755,842		2,760,559		2,758,637		2,751,973		2,731,082
	2,770,566		2,764,223		178: 2,757,717	27.4:	2,742,960		2,757,723		2,748,500
	2,773,795	105:	2,740,465		179: 2,731,075		2,745,475		2,758,641		2,756,815
	2,774,702		2,746,320		2,740,468		2,759,531		2,768,677		2,774,418
	2,774,703		2,755,843		2,742,957		2,762,427		2,772,730		2,736,373
	2,774,704	106:	2,743,764		2,745,472		2,763,322		2,756,812		2,771,945
140:	2,740,745		2,743,765		2,749,974		2,764,230		2,775,294		2,761,499
	2,748,050		2,745,469		2,750,996		2,766,817		2,753,482		2,764,236
	2,750,323		2,745,470		2,754,862		2,767,782		2,751,974		2,765,031
	2,751,323		2,746,521		2,760,560	28:	2,729,281		2,746,533		2,761,500
	2,754,239		2,747,653		2,761,493		2,729,282		2,768,678		2,754,902
	2,775,357	141:	2,749,970		2,764,226		2,731,079		2,751,975		2,745,486
155—	1: 2,749,968		2,750,988		2,764,228		2,732,800		2,745,487		2,730,171
	2,773,542	5:	2,760,554		2,766,815		2,733,756		2,745,482		2,748,832
	2,732,003		2,767,772		2,767,773		2,747,656		2,753,930		2,757,727
	2,740,462		2,770,526		2,775,286		2,748,845		2,758,638		2,759,534
	2,740,463		2,772,720		2,777,720		2,758,637		2,759,535		2,760,566
	2,744,565		2,772,720		2,777,720		2,758,638		2,759,536		2,771,135
	2,770,286	110:	2,774,412		2,777,720		2,758,639		2,759,537		2,772,721
	2,772,720		2,751,968		2,777,720		2,758,640		2,759,538		2,772,722
5.12:	2,742,081		2,771,123		2,777,720		2,758,641		2,759,539		2,772,723
6:	2,767,770	116:	2,730,164		2,777,720		2,758,642		2,759,540		2,772,724
7:	2,764,221		2,746,523		2,777,720		2,758,643		2,759,541		2,772,725
9:	2,735,476		2,749,971		2,777,720		2,758,644		2,759,542		2,772,726
	2,757,712		2,760,556		2,777,720		2,758,645		2,759,543		2,772,727
	2,760,552	118:	2,771,124		2,777,720		2,758,646		2,759,544		2,772,728
	2,770,287		2,748,835		2,777,720		2,758,647		2,759,545		2,772,729
10:	2,769,482	121:	Re 24,217		2,777,720		2,758,648		2,759,546		2,772,730
11:	2,739,641		2,731,074		2,777,720		2,758,649		2,759,547		2,772,731
	2,764,222	123:	2,741,300		2,777,720		2,758,650		2,759,548		2,772,732
14:	2,730,162		2,746,524		2,777,720		2,758,651		2,759,549		2,772,733
	2,738,829		2,732,007		2,777,720		2,758,652		2,759,550		2,772,734
	2,742,952	124:	2,746,525		2,777,720		2,758,653		2,759,551		2,772,735
	2,765,024		2,746,526		2,777,720		2,758,654		2,759,552		2,772,736
17:	2,729,271		2,748,836		2,777,720		2,758,655		2,759,553		2,772,737
	2,758,932		2,748,837		2,777,720		2,758,656		2,759,554		2,772,738
	2,770,288		2,752,987		2,777,720		2,758,657		2,759,555		2,772,739
22:	2,732,004		2,761,491		2,777,720		2,758,658		2,759,556		2,772,740
	2,733,754		2,766,812		2,777,720		2,758,659		2,759,557		2,772,741
	2,734,554		2,771,957		2,777,720		2,758,660		2,759,558		2,772,742
	2,738,830	126:	2,750,989		2,777,720		2,758,661		2,759,559		2,772,743
	2,759,525	127:	2,746,526		2,777,720		2,758,662		2,759,560		2,772,744
23:	2,745,465		2,767,774		2,777,720		2,758,663		2,759,561		2,772,745
	2,746,517	130:	2,738,832		2,777,720		2,758,664		2,759,562		2,772,746
	2,755,841		2,750,990		2,777,720		2,758,665		2,759,563		2,772,747
24:	2,765,839		2,751,969		2,777,720		2,758,666		2,759,564		2,772,748
25:	2,735,477	131:	2,734,555		2,777,720		2,758,667		2,759,565		2,772,749
28:	2,747,652		2,734,556		2,777,720		2,758,668		2,759,566		2,772,750
	2,769,483		2,736,364		2,777,720		2,758,669		2,759,567		2,772,751
30:	2,729,272		2,742,954		2,777,720		2,758,670		2,759,568		2,772,752
	2,748,834	132:	2,743,766		2,777,720		2,758,671		2,759,569		2,772,753
	2,753,919	133:	2,736,365		2,777,720		2,758,672		2,759,570		2,772,754
	2,753,920		2,740,466		2,777,720		2,758,673		2,759,571		2,772,755
	2,762,422		2,754,861		2,777,720		2,758,674		2,759,572		2,772,756
36.5:	2,772,721		2,759,527		2,777,720		2,758,675		2,759,573		2,772,757
	2,775,285	135:	2,742,955		2,777,720		2,758,676		2,759,574		2,772,758
	2,735,478		2,771,938		2,777,720		2,758,677		2,759,575		2,772,759
43:	2,735,478	137:	2,759,528		2,777,720		2,758,678		2,759,576		2,772,760
	2,745,466	139:	2,751,970		2,777,720		2,758,679		2,759,577		2,772,761
	2,757,713		2,761,492		2,777,720		2,758,680		2,759,578		2,772,762
	2,758,633		2,764,225		2,777,720		2,758,681		2,759,579		2,772,763
	2,767,771		2,767,775		2,777,720		2,758,682		2,759,580		2,772,764
44:	2,730,163		2,742,956		2,777,720		2,758,683		2,759,581		2,772,765
45:	Re 24,128		2,760,513		2,777,720		2,758,684		2,759,582		2,772,766
	2,745,467	142:	2,729,275		2,777,720		2,758,685		2,759,583		2,772,767
	2,754,888		2,753,922		2,777,720		2,758,686		2,759,584		2,772,768
	2,754,889		2,757,715		2,777,720		2,758,687		2,759,585		2,772,769
	2,754,890	143:	2,757,716		2,777,720		2,758,688		2,759,586		2,772,770
	2,770,289		2,749,972		2,777,720		2,758,689		2,759,587		2,772,771
50:	2,763,318	148:	2,729,276		2,777,720		2,758,690		2,759,588		2,772,772
	2,769,484		2,729,277		2,777,720		2,758,691		2,759,589		2,772,773
	2,770,290		2,733,755		2,777,720		2,758,692		2,759,590		2,772,774
51:	2,759,526		2,750,991		2,777,720		2,758,693		2,759,591		2,772,775
	2,745,468		2,756,806		2,777,720		2,758,694		2,759,592		2,772,776
	2,763,319		2,767,776		2,777,720		2,758,695		2,759,593		2,772,777
54:	2,746,518		2,736,366		2,777,720		2,758,696		2,759,594		2,772,778



160— 349: 2,751,002 2,773,546 351: 2,743,774 352: 2,736,375 354: 2,738,646 363: 2,767,787 368: 2,734,567 2,751,977 2,752,994 2,760,567 2,741,306 369: 2,754,904 371: 2,760,568 372: 2,768,662 379: 2,759,538 394: 2,762,430 395: 2,736,376 1: 2,732,012 2,733,764 2,736,377 2,743,085 2,743,775 2,744,573 2,748,857 2,748,858 2,736,818 2,773,548 2,774,422 7: 2,753,933 2,761,501 2,768,683 9: 2,735,484 2,761,502 10: 2,752,995 15: 2,749,978 2,753,934 18: 2,739,288 2,738,047 2,769,492 19: 2,765,033 5: 2,758,648 3: 2,753,935 5: 2,758,684 8: 2,735,485 6: 2,751,978 10: 2,733,755 2,734,568 2,741,307 2,748,859 2,749,979 2,749,980 2,751,979 2,752,999 2,754,905 2,759,539 2,762,431 2,765,845 2,765,846 10: 2,734,569 12: 2,738,840 2,749,981 13: 2,773,549 15: 2,730,173 2,752,997 17: 2,731,083 2,732,013 2,741,308 2,754,906 2,757,728 2,771,947 17: 5: 2,768,685 21: 2,746,542 2,751,003 25: 2,760,569 29: 2,754,907 3: 2,765,034 24: 2,733,766 35: 2,739,646 2,753,936 2,755,856 36: 2,731,084 2,774,423 38: 2,731,085 2,747,663 2,747,664 2,757,729 2,762,432 2,765,035 39: 2,747,665 2,747,666 2,749,982 2,756,819 2,772,732 2,775,296 40: 2,740,472 2,744,574 2,747,667 41: 2,748,860 2,759,540 42: 2,746,543 2,751,004 2,751,005 2,757,730 43: 2,774,424	164— 44: 2,766,823 45: 2,738,841 47: 2,742,086 2,753,937 2,755,857 2,757,731 2,759,541 2,760,570 2,763,323 2,766,824 48: 2,731,086 2,734,570 2,736,378 2,746,544 2,764,257 2,767,788 49: 2,734,571 2,741,309 2,742,963 2,748,861 2,754,908 2,755,858 2,757,732 2,761,503 2,765,847 2,767,789 50: 2,731,087 2,744,575 2,751,990 2,765,036 2,765,848 2,770,300 51: 2,771,948 52: 2,745,489 2,766,825 56: 2,748,862 2,752,998 2,758,649 58: 2,734,572 2,757,733 2,768,686 59: 2,731,088 2,756,820 2,760,571 2,763,324 2,768,687 2,769,493 2,770,301 2,734,573 60: 2,740,473 2,744,576 2,745,490 2,747,668 2,761,504 2,770,302 2,772,733 2,774,425 61: 2,732,014 2,739,289 2,741,310 2,743,776 2,745,491 2,749,983 2,752,999 2,755,000 2,757,734 2,759,542 2,767,790 2,768,688 2,769,494 2,772,734 64: 2,770,303 66: 2,749,984 2,751,006 2,756,821 2,764,238 67: 2,738,842 68: 2,732,896 2,743,777 2,751,981 2,751,982 2,751,983 2,766,826 2,768,689 2,768,690 2,769,495 70: 2,771,949 71: 2,735,496 73: 2,753,938 2,758,650 2,758,651 2,759,544 75: 2,734,575 77: 2,746,545 2,765,037 78: 2,731,089 79: 2,734,574 84: 5: 2,730,174 2,734,575 2,734,576 2,739,648 2,740,473 2,742,087	164— 84: 5: 2,742,965 2,746,546 2,759,545 2,760,572 2,760,573 2,761,505 2,761,506 2,771,950 86: 2,735,487 2,756,822 2,764,239 2,772,735 87: 2,730,175 2,741,311 2,754,909 2,774,426 88: 2,761,507 90: 2,732,897 2,734,577 2,736,379 2,751,984 91: 2,745,492 2,764,240 93: 2,746,547 94: 2,732,015 2,732,898 2,744,577 2,757,735 2,760,574 2,760,575 95: 2,755,852 99: 2,748,863 2,753,001 2,760,576 2,762,433 2,769,496 2,774,427 100: 2,735,488 101: 2,735,489 102: 2,757,736 110: 2,740,473 2,753,325 111: 2,732,899 2,732,900 2,748,864 2,761,508 2,761,509 2,761,513 2,765,849 2,766,827 112: 2,729,289 2,729,290 2,735,490 2,749,985 2,755,859 2,762,434 2,768,691 113: 2,735,491 2,739,649 2,745,493 2,749,986 2,755,860 2,756,823 2,770,304 114: 2,742,966 2,745,494 2,747,669 2,766,824 2,760,577 2,764,241 2,765,038 115: 2,741,312 2,742,088 2,744,578 2,746,548 2,746,549 2,751,007 2,751,008 2,751,985 2,771,137 2,774,429 2,775,297 2,775,298 2,775,299 117: 2,748,865 2,761,510 118: 2,749,987 2,756,825 2,774,430 2,775,301 2,775,492 2,788,662 123: 5: 2,762,435 201: 2,736,380 2,743,778 2,768,692 226: 2,772,736 1: 2,754,910 2,764,242 2,764,465 2,773,500 2,775,302	166— 4: 2,746,550 2,770,305 7: 2,720,291 2,767,791 9: 2,736,381 2,742,089 2,771,138 2,771,139 10: 2,767,792 11: 2,734,578 2,737,579 2,771,951 12: 2,771,952 14: 2,734,580 15: 2,775,303 18: 2,755,861 20: 2,749,988 21: 2,731,816 2,743,779 2,747,670 2,749,989 2,768,693 22: 2,742,090 2,751,009 2,772,737 2,772,738 2,772,739 2,773,580 2,774,431 29: 2,731,091 2,761,511 31: 2,771,953 33: 2,747,671 2,733,768 2,770,306 35: 2,745,495 2,754,911 36: 2,746,551 2,756,826 2,766,828 38: 2,747,672 2,761,512 39: 2,742,967 2,749,990 2,757,738 2,765,850 2,771,954 40: 2,742,991 41: 2,753,939 2,770,307 42: 2,742,992 2,749,991 2,753,940 2,763,326 2,765,039 2,765,851 2,769,497 43: 2,768,694 45: 2,740,678 2,760,576 46: 2,740,476 2,762,436 51: 2,755,862 54: 2,762,437 60: 2,748,868 2,754,912 2,771,140 61: 2,757,739 2,767,793 63: 2,729,292 2,732,016 2,740,477 2,740,478 65: 2,769,498 2,770,308 2,770,309 2,768,693 73: 2,748,869 75: 2,757,740 2,760,579 2,766,829 2,773,531 77: 2,748,870 2,758,654 85: 2,771,955 86: 2,766,830 88: 2,771,956 92: 2,755,863 98: 2,732,901 2,734,581 2,747,673 2,763,327 99: 2,751,010 100: 2,742,968 2,775,304 103: 2,762,438 106: 2,739,650 2,749,992 116: 2,766,891 118: 2,729,293 2,757,741 2,773,651 2,764,243 2,765,852 120: 2,743,780	166— 120: 2,751,011 2,760,580 121: 2,739,652 2,751,012 2,751,013 123: 2,753,941 2,753,942 128: 2,736,382 2,760,581 129: 2,748,871 2,772,740 134: 2,756,827 2,765,853 136: 2,739,653 139: 2,755,864 144: 2,735,493 2,761,514 2,740,479 2,751,014 147: 2,741,313 2,762,439 149: 2,775,305 151: 2,760,582 152: 2,745,496 154: 2,762,440 2,744,579 164: 2,756,828 165: 2,757,742 2,740,480 170: 2,735,494 2,735,495 2,751,015 176: 2,733,767 2,733,768 2,772,741 177: 2,730,176 2,740,481 178: 2,739,654 184: 2,730,177 186: 2,762,441 187: 2,734,582 2,751,016 2,764,244 2,765,854 188: Re 24,236 2,736,383 192: 2,735,496 195: 2,741,314 196: 2,767,794 201: 2,760,583 204: 2,767,795 206: 2,748,872 209: 2,769,499 212: 2,735,497 2,741,315 2,743,781 216: 2,751,017 2,753,943 217: 2,751,018 2,765,855 218: 2,751,019 2,771,957 219: 2,741,316 2,751,020 2,775,306 220: 2,736,384 222: 2,771,141 2,742,093 2,745,497 225: 2,735,498 2,748,873 2,751,021 2,751,022 2,751,023 2,768,695 226: 2,733,769 2,771,142 227: 2,757,743 231: 2,729,294 233: 2,746,552 237: 2,751,024 243: 2,748,874 2,760,584 2,760,585 167— 14: 2,773,796 17: 2,743,780 2,752,281 2,758,049 20: 2,771,389 2,773,797 2,773,798 21: 2,767,114 22: 2,731,380 2,743,209 2,752,282 2,757,117 2,757,118 2,757,119 2,765,252 2,765,253 2,765,254 2,768,110 2,770,567	167— 22: 2,774,706 24: 2,742,392 2,772,393 30: 2,731,381 2,743,210 2,745,780 2,749,268 2,749,269 2,749,270 2,750,324 2,754,241 2,754,242 128: 2,736,382 129: 2,760,581 134: 2,756,827 136: 2,739,653 139: 2,755,864 144: 2,735,493 2,761,514 2,740,479 2,751,014 147: 2,741,313 2,762,439 149: 2,775,305 151: 2,760,582 152: 2,745,496 154: 2,762,440 2,744,579 164: 2,756,828 165: 2,757,742 2,740,480 170: 2,735,494 2,735,495 2,751,015 176: 2,733,767 2,733,768 2,772,741 177: 2,730,176 2,740,481 178: 2,739,654 184: 2,730,177 186: 2,762,441 187: 2,734,582 2,751,016 2,764,244 2,765,854 188: Re 24,236 2,736,383 192: 2,735,496 195: 2,741,314 196: 2,767,794 201: 2,760,583 204: 2,767,795 206: 2,748,872 209: 2,769,499 212: 2,735,497 2,741,315 2,743,781 216: 2,751,017 2,753,943 217: 2,751,018 2,765,855 218: 2,751,019 2,771,957 219: 2,741,316 2,751,020 2,775,306 220: 2,736,384 222: 2,771,141 2,742,093 2,745,497 225: 2,735,498 2,748,873 2,751,021 2,751,022 2,751,023 2,768,695 226: 2,733,769 2,771,142 227: 2,757,743 231: 2,729,294 233: 2,746,552 237: 2,751,024 243: 2,748,874 2,760,584 2,760,585 167— 14: 2,773,796 17: 2,743,780 2,752,281 2,758,049 20: 2,771,389 2,773,797 2,773,798 21: 2,767,114 22: 2,731,380 2,743,209 2,752,282 2,757,117 2,757,118 2,757,119 2,765,252 2,765,253 2,765,254 2,768,110 2,770,567	22: 2,774,706 24: 2,742,392 2,772,393 30: 2,731,381 2,743,210 2,745,780 2,749,268 2,749,269 2,749,270 2,750,324 2,754,241 2,754,242 128: 2,736,382 129: 2,760,581 134: 2,756,827 136: 2,739,653 139: 2,755,864 144: 2,735,493 2,761,514 2,740,479 2,751,014 147: 2,741,313 2,762,439 149: 2,775,305 151: 2,760,582 152: 2,745,496 154: 2,762,440 2,744,579 164: 2,756,828 165: 2,757,742 2,740,480 170: 2,735,494 2,735,495 2,751,015 176: 2,733,767 2,733,768 2,772,741 177: 2,730,176 2,740,481 178: 2,739,654 184: 2,730,177 186: 2,762,441 187: 2,734,582 2,751,016 2,764,244 2,765,854 188: Re 24,236 2,736,383 192: 2,735,496 195: 2,741,314 196: 2,767,794 201: 2,760,583 204: 2,767,795 206: 2,748,872 209: 2,769,499 212: 2,735,497 2,741,315 2,743,781 216: 2,751,017 2,753,943 217: 2,751,018 2,765,855 218: 2,751,019 2,771,957 219: 2,741,316 2,751,020 2,775,306 220: 2,736,384 222: 2,771,141 2,742,093 2,745,497 225: 2,735,498 2,748,873 2,751,021 2,751,022 2,751,023 2,768,695 226: 2,733,769 2,771,142 227: 2,757,743 231: 2,729,294 233: 2,746,552 237: 2,751,024 243: 2,748,874 2,760,584 2,760,585 167— 14: 2,773,796 17: 2,743,780 2,752,281 2,758,049 20: 2,771,389 2,773,797 2,773,798 21: 2,767,114 22: 2,731,380 2,743,209 2,752,282 2,757,117 2,757,118 2,757,119 2,765,252 2,765,253 2,765,254 2,768,110 2,770,567	22: 2,774,706 24: 2,742,392 2,772,393 30: 2,731,381 2,743,210 2,745,780 2,749,268 2,749,269 2,749,270 2,750,324 2,754,241 2,754,242 128: 2,736,382 129: 2,760,581 134: 2,756,827 136: 2,739,653 139: 2,755,864 144: 2,735,493 2,761,514 2,740,479 2,751,014 147: 2,741,313 2,762,439 149: 2,775,305 151: 2,760,582 152: 2,745,496 154: 2,762,440 2,744,579 164: 2,756,828 165: 2,757,742 2,740,480 170: 2,735,494 2,735,495 2,751,015 176: 2,733,767 2,733,768 2,772,741 177: 2,730,176 2,740,481 178: 2,739,654 184: 2,730,177 186: 2,762,441 187: 2,734,582 2,751,016 2,764,244 2,765,854 188: Re 24,236 2,736,383 192: 2,735,496 195: 2,741,314 196: 2,767,794 201: 2,760,583 204: 2,767,795 206: 2,748,872 209: 2,769,499 212: 2,735,497 2,741,315 2,743,781 216: 2,751,017 2,753,943 217: 2,751,018 2,765,855 218: 2,751,019 2,771,957 219: 2,741,316 2,751,020 2,775,306 220: 2,736,384 222: 2,771,141 2,742,093 2,745,497 225: 2,735,498 2,748,873 2,751,021 2,751,022 2,751,023 2,768,695 226: 2,733,769 2,771,142 227: 2,757,743 231: 2,729,294 233: 2,746,552 237: 2,751,024 243: 2,748,874 2,760,584 2,760,585 167— 14: 2,773,796 17: 2,743,780 2,752,281 2,758,049 20: 2,771,389 2,773,797 2,773,798 21: 2,767,114 22: 2,731,380 2,743,209 2,752,282 2,757,117 2,757,118 2,757,119 2,765,252 2,765,253 2,765,254 2,768,110 2,770,567	22: 2,774,706 24: 2,742,392 2,772,393 30: 2,731,381 2,743,210 2,745,780 2,749,268 2,749,269 2,749,270 2,750,324 2,754,241 2,754,242 128: 2,736,382 129: 2,760,581 134: 2,756,827 136: 2,739,653 139: 2,755,864 144: 2,735,493 2,761,514 2,740,479 2,751,014 147: 2,741,313 2,762,439 149: 2,775,305 151: 2,760,582 152: 2,745,496 154: 2,762,440 2,744,579 164: 2,756,828 165: 2,757,742 2,740,480 170: 2,735,494 2,735,495 2,751,015 176: 2,733,767 2,733,768 2,772,741 177: 2,730,176 2,740,481 178: 2,739,654 184: 2,730,177 186: 2,762,441 187: 2,734,582 2,751,016 2,764,244 2,765,854 188: Re 24,236 2,736,383 192: 2,735,496 195: 2,741,314 196: 2,767,794 201: 2,760,583 204: 2,767,795 206: 2,748,872 209: 2,769,499 212: 2,735,497 2,741,315 2,743,781 216: 2,751,017 2,753,943 217: 2,751,018 2,765,855 218: 2,751,019 2,771,957 219: 2,741,316 2,751,020 2,775,306 220: 2,736,384 222: 2,771,141 2,742,093 2,745,497 225: 2,735,498 2,748,873 2,751,021 2,751,022 2,751,023 2,768,695 226: 2,733,769 2,771,142 227: 2,757,743 231: 2,729,294 233: 2,746,552 237: 2,751,024 243: 2,748,874 2,760,584 2,760,585 167— 14: 2,773,796 17: 2,743,780 2,752,281 2,758,049 20: 2,771,389 2,773,797 2,773,798 21: 2,767,114 22: 2,731,380 2,743,209 2,752,282 2,757,117 2,757,118 2,757,119 2,765,252 2,765,253 2,765,254 2,768,110 2,770,567	22: 2,774,706 24: 2,742,392 2,772,393 30: 2,731,381 2,743,210 2,745,780 2,749,268 2,749,269 2
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167—	65:	2,729,586	167—	93:	2,751,328	170—	159:	2,754,919	174—	87:	2,748,186	178—	5.4:	2,740,831	178—	7.2:	2,757,234	
		2,730,483			2,757,125			2,753,868			2,749,384			2,740,832			2,774,815	
		2,731,587			2,772,203			2,758,658			2,753,351			2,740,833			2,775,644	
		2,733,183			2,772,204			2,765,858			2,772,323			2,742,822	7.3:		2,739,182	
		2,733,184			2,772,205			2,771,144		92:	2,761,892			2,742,525			2,740,002	
		2,733,185			2,773,801		159.1:	2,742,095			2,771,502			2,742,524			2,752,422	
		2,734,014			2,773,802		160.10:	2,747,675			2,734,933			2,742,525			2,759,997	
		2,734,844		95:	2,746,906			2,774,433		94:	2,735,289			2,742,531			2,763,718	
		2,734,845		168—	1:	2,738,655		160.17:	2,761,518		2,749,385			2,743,310			2,773,121	
		2,734,846			2,742,969		160.21:	2,745,499			2,763,710			2,743,311			2,773,122	
		2,739,098		169—	1:	2,730,178		2,745,500			2,763,711			2,743,312	7.5:		2,743,313	
		2,739,921			2,736,385			2,748,877			2,767,241			2,744,155			2,754,535	
		2,742,807			2,741,317			2,754,921			2,775,642			2,744,156			2,757,235	
		2,744,852			2,753,002			2,754,922			2,775,643			2,744,950			2,757,236	
		2,745,783			2,758,656			2,761,519			2,754,300			2,744,951			2,769,044	
		2,745,784			2,761,515			2,761,520		105:	2,754,351			2,744,952			2,761,010	
		2,745,785			2,772,742		160.23:	2,742,096		107:	2,754,352			2,745,899	15:		2,732,432	
		2,746,901		2:	2,747,674			2,745,501		110:	2,750,437			2,745,900			2,754,360	
		2,746,902			2,748,875		160.24:	2,760,388			2,774,811			2,747,012			2,759,045	
		2,748,053			2,756,829		160.25:	2,731,095		113:	Re.24,154			2,747,013			2,762,862	
		2,749,273		4:	2,736,386			2,735,500		114:	2,731,510			2,748,188	17:		2,735,887	
		2,749,274			2,736,387			2,755,869		116:	2,761,893			2,748,189			2,735,888	
		2,749,275			2,757,744			2,755,870		117:	2,729,696			2,748,190			2,751,432	
		2,750,325			2,772,743			2,757,745		120:	2,745,898			2,750,438			2,761,894	
		2,751,324			5:	2,734,583		2,761,321			2,754,353			2,750,439			2,760,674	
		2,757,123			9:	2,730,179		2,738,844			2,759,991			2,750,440			2,772,323	
		2,759,868			2,738,857		160.3:	2,763,328		121:	2,732,422			2,751,429	17.5:		2,767,245	
		2,762,745			2,766,832			2,739,655			2,734,934			2,751,430			2,770,675	
		2,762,746		11:	2,736,388			2,745,502			2,744,153			2,751,431	19:		2,734,099	
		2,763,590			2,742,970			2,754,923			2,759,041			2,752,416			2,756,272	
		2,764,519			2,753,044			2,758,659		135:	2,760,668			2,752,417	22:		2,765,364	
		2,765,256		15:	2,761,516		160.33:	2,734,887		137:	2,770,608			2,752,418			2,763,889	
		2,766,174			2,765,856			2,747,676			2,770,609			2,752,419			2,764,955	
		2,767,116			2,769,500		160.47:	2,763,329			2,740,001			2,752,420			2,750,445	
		2,768,113		17:	2,731,091		160.53:	2,739,656			2,738,151			2,754,353			2,751,433	
		2,770,569		25:	2,729,295		160.54:	2,742,097			2,741,321			2,754,354			2,771,505	
		2,771,392			2,729,296			2,742,098		144:	2,737,228			2,757,228			2,773,931	
		2,771,393			2,753,003			2,755,871			2,741,322			2,757,229	26:		2,750,446	
		2,771,711		26:	2,749,993			2,755,872		152:	2,763,712			2,757,230	29:		2,774,816	
		2,774,712			2,751,960		160.6:	2,765,859			2,757,231			2,757,231	31:		2,735,890	
		2,775,539			2,759,546		173:	2,754,920			2,770,699			2,757,232			2,761,662	
67:		2,745,786			2,764,245			2,749,389	174—		2,748,187			2,758,155			2,754,361	
		2,752,285			2,765,857			2,770,667			2,788,152			2,759,042			2,759,046	
		2,755,221		28:	2,742,094		6:	2,739,988		158:	2,744,154			2,759,992			2,766,322	
70:		2,739,922			2,754,913		15:	2,734,096			2,754,355			2,759,993	35:		2,769,029	
		2,754,245			2,760,586			2,752,412			2,735,893			2,759,994	39:		2,742,532	
		2,759,869		31:	2,730,180			2,759,987		161:	2,740,827			2,759,995	43.5:		2,729,701	
71:		2,751,325			2,731,092			2,774,807		162:	2,738,187			2,759,996			2,759,047	
		2,766,175			2,732,017			2,775,640		163:	Re.24,127			2,761,008			2,759,988	
74:		2,734,015			2,741,319		16:	2,732,418		164:	2,734,290			2,762,860	45:		2,740,834	
		2,734,016			2,744,580			2,774,808		166:	2,746,026			2,763,714			2,769,030	
		2,739,099			2,753,945		17:	2,761,591		174:	2,740,827			2,763,715			2,769,031	
		2,770,570			2,754,914		18:	2,768,231		177:	2,745,271			2,763,716	51:		2,761,506	
74.5:		2,734,017			2,755,865		19:	2,748,184		194:	2,734,098			2,763,717	53:		2,734,942	
74.6:		2,746,903			2,760,587		22:	2,753,355		209:	2,732,423			2,764,628	53.1:		2,757,237	
		2,752,286			2,760,588		23:	2,740,825		178—	1:	2,747,011			2,764,629	61:		2,734,943
		2,769,747			2,764,246		28:	2,735,288		2:	2,734,936			2,766,319			2,744,944	
77:		2,746,904			2,767,796		30:	2,740,826			2,735,894			2,766,320	69:		2,744,945	
78:		2,756,176			2,767,797			2,754,349			2,736,318			2,766,321	69.5:		2,729,702	
		2,767,117			2,772,744		31:	2,732,419			2,766,319			2,769,027			2,732,427	
		2,768,114			2,774,432		32:	2,751,025		4:	2,735,885			2,769,028			2,733,293	
		2,772,201			2,772,745		33:	2,747,010			2,770,670			2,769,029			2,733,294	
		2,772,202			2,773,093			2,757,224		4.1:	2,739,180			2,770,673			2,734,945	
		2,773,800			2,759,547		35:	2,730,562			2,739,181			2,771,503			2,742,527	
81:		2,730,484			2,768,696			2,745,895			2,763,713			2,771,504			2,742,528	
		2,731,388			2,732,018			2,755,990			2,730,563			2,772,324			2,744,956	
		2,731,389			2,743,782			2,757,225		5:	2,752,415			2,773,117			2,748,191	
		2,731,390		170—	62:	2,767,798		2,765,362			2,753,393			2,773,118			2,752,423	
		2,739,100		135.2:	2,749,994			2,773,928			2,755,332			2,773,930			2,752,424	
		2,745,787		135.22:	2,771,143		42:	2,731,509			2,755,333			2,774,813			2,753,396	
		2,748,054		135.24:	2,746,553			2,745,896			2,757,226			2,774,814			2,753,397	
		2,756,177			2,748,876		45:	2,774,809			2,758,153	5.8:		2,730,564			2,761,895	
		2,759,870			2,755,866		50:	2,752,413			2,738,154			2,741,660			2,771,507	
		2,760,902			2,766,833			2,763,707			2,769,023			2,744,157			2,771,508	
		2,764,520			2,772,745		50.5:	2,758,149			2,768,024			2,744,954	70:		2,732,428	
82:		2,764,521		135.26:	2,733,005		50.61:	2,775,641			2,769,025			2,744,955			2,744,957	
		2,767,124		135.27:	2,730,181			2,749,381			2,769,026			2,764,360			2,749,386	
		2,768,115			2,761,517			2,768,232			2,769,027			2,765,363			2,752,425	
		2,772,998			2,765,040		52:	2,734,997			2,770,672			2,773,119			2,762,863	
83:		2,770,571			2,731,094			2,743,308			2,770,671	6:		2,730,565			2,770,672	
84:		2,772,999			2,734,585			2,748,185			2,770,803			2,731,506			2,761,896	
		2,773,000		135.4:	2,740,482			2,756,270		5.2:	2,729,697			2,730,566	6.5:		2,730,566	
84.5:		2,751,326			2,741,320			2,765,708			2,734,937			2,729,698			2,736,233	
		2,761,809			2,745,498		53:	2,771,501			2,735,896			2,729,700			2,736,234	
		2,761,810			2,750,548			2,773,115			2,739,181			2,734,941	6.8:		2,734,9	



179—	1:	2,768,236	179—	18:	2,741,663	179—	40:	2,764,637	179-100.41:	2,748,199	179—	171:	2,751,442	179—	171:	2,775,660	
		2,768,237			2,741,664		41:	2,749,389		2,749,392			2,751,443		175:	2,767,256	
		2,769,031			2,741,665		72:	2,740,638		2,749,393			2,751,444		175.2:	Re 24,171	
		2,769,858			2,743,816		78:	2,735,897		2,752,428			2,751,445			2,730,578	
		2,771,509			2,744,161			2,744,967		2,754,372			2,751,446			2,732,441	
		2,773,932			2,744,162		81:	2,732,436		2,768,245			2,752,429			2,747,033	
		2,773,933			2,744,163			2,762,867		2,769,038			2,752,430			2,750,458	
		2,775,645			2,744,164			2,770,679		2,771,512			2,752,431			2,755,345	
	2:	2,754,366			2,744,962			2,775,649		2,771,513			2,752,432			2,756,288	
		2,761,898			2,747,019		84:	2,735,299		2,771,514			2,752,433			2,759,053	
	4:	2,764,833			2,747,020			2,735,898		2,771,515			2,752,434			2,771,519	
		2,767,245			2,747,021			2,740,845		101:	2,761,902			2,753,404			2,773,138
		2,745,902			2,747,022			2,749,390		107:	2,733,312			2,754,374			2,773,947
		2,768,238			2,747,023			2,753,403			2,754,365			2,754,375	175.21:		2,732,442
		2,768,239			2,748,194			2,754,369			2,761,018			2,754,376	175.3:		2,730,579
		2,769,032			2,748,195			2,761,909			2,764,640			2,755,344			2,735,904
	6:	Re 24,170			2,748,196			2,763,726			2,765,873			2,756,283			2,761,922
		2,743,815			2,749,387			2,765,371			2,773,941			2,756,284			2,767,260
		2,754,358			2,750,448		90:	2,729,707			2,775,652			2,756,285	175.31:		2,744,170
		2,755,337			2,751,435			2,731,517			2,776,652			2,756,286	178:		2,730,580
		2,757,238			2,753,399			2,739,188			2,778,913			2,756,287			2,731,522
		2,761,899			2,753,400			2,742,971			2,773,942			2,757,243			2,749,395
		2,766,323			2,755,339			2,752,427			2,773,943			2,757,244	182:		2,757,247
		2,769,033			2,755,340			2,754,370		113:	2,768,246			2,757,245	185:		2,741,666
		2,769,859			2,758,136			2,760,005		114:	2,774,373			2,757,246			2,763,735
		2,769,860			2,760,004			2,761,015		115:	2,755,363			2,758,159			2,766,333
		2,773,123			2,761,901			2,763,727	115.5:	2,751,441			2,758,160		187:		2,769,039
		2,773,124			2,761,902			2,763,728		2,755,343			2,758,161		188:		2,745,911
6.3:		2,732,430			2,761,903			2,767,251			2,760,681			2,758,162			2,754,377
		2,733,295			2,761,904			2,767,252			2,761,913			2,759,050			2,769,040
		2,735,891			2,761,905			2,774,823			2,770,281			2,759,051			2,733,707
		2,745,903			2,761,906		91:	2,742,535			2,773,130			2,759,052	180—	1:	2,733,708
		2,750,447			2,762,864			2,744,968			2,773,131			2,760,007			2,746,554
		2,761,900			2,763,722			2,773,940			2,776,653			2,760,008			2,751,989
		2,765,366			2,763,723		99:	2,769,035			2,770,682			2,760,009			2,762,442
6.5:		2,729,703			2,763,724		100:	2,731,518			2,770,683			2,760,010			2,767,799
		2,760,001			2,764,834			2,754,371			2,770,684			2,760,011		2:	2,768,697
7.1:		2,740,836			2,764,635			2,757,241		156:	2,761,914			2,760,012		3:	2,738,845
		2,747,016			2,765,369		100.1:	2,740,846			2,745,906			2,760,013		6.2:	2,739,657
		2,767,246			2,766,326			2,755,341			2,762,868			2,761,919			2,748,878
		2,759,048			2,766,327			2,756,257		159:	2,762,869			2,761,920			2,751,990
8.5:		2,729,704			2,767,247			2,760,006		170:	2,733,303			2,761,921		6.3:	2,732,022
15:		2,732,431			2,767,248			2,764,639			2,733,304			2,761,922		6.38:	2,774,494
		2,733,296			2,767,249			2,765,372			2,748,200			2,761,923		6.36:	2,738,846
		2,740,837			2,767,250			2,768,242			2,756,282			2,761,924		6.4:	2,765,860
		2,740,838			2,768,240			2,770,680		171:	Re 24,204			2,761,915		6.44:	Re 24,175
		2,740,839			2,769,034			2,775,650			2,729,708			2,761,916		6.48:	2,730,581
		2,744,159			2,769,862			2,775,651			2,730,573			2,761,917			2,766,834
		2,744,959			2,769,863		100.11:	2,755,342			2,730,574			2,761,918			2,771,958
		2,744,960			2,769,864		100.2:	Re 24,182			2,730,575			2,761,919		6.7:	2,757,746
		2,744,961			2,769,865			2,730,569			2,730,576			2,761,920			2,758,660
		2,747,017			2,770,676			2,730,570			2,730,577			2,761,921		8:	2,742,973
		2,753,398			2,770,678			2,730,571			2,731,519			2,761,922		9.1:	2,745,508
		2,754,367			2,773,127			2,732,437			2,731,520			2,762,870			2,751,027
		2,755,338			2,773,938			2,733,300			2,731,521			2,762,871			2,756,830
		2,756,274			2,773,939			2,733,301			2,732,440			2,762,872			2,763,330
		2,757,239			2,774,071			2,734,948			2,733,305			2,762,873		10:	2,746,555
		2,760,002			2,774,818			2,735,899			2,733,306			2,762,874		11:	2,762,443
		2,763,721			2,774,819			2,735,900			2,733,307			2,762,875		12:	2,746,556
		2,765,367			2,774,820			2,735,901			2,734,102			2,763,731			2,761,922
		2,773,125			2,774,821			2,742,536			2,734,949			2,763,732			2,765,861
		2,773,934			2,774,822			2,743,317			2,734,950			2,763,733		13:	2,762,444
		2,773,935			2,775,648			2,743,318			2,735,902			2,763,734		14:	2,730,183
		2,773,936			2,775,649	20:		2,743,319			2,735,903			2,764,641			2,749,905
		2,773,937			2,775,650	22:		2,743,320			2,739,189			2,764,642			2,756,831
		2,773,938			2,775,651			2,743,321			2,739,190			2,765,374			2,766,334
		2,773,939			2,775,652			2,743,322			2,739,191			2,766,335	14.5:		2,738,847
		2,773,940			2,775,653			2,743,323			2,739,192			2,766,336		19:	2,731,096
		2,773,941			2,775,654			2,743,324			2,740,835			2,766,337			2,736,389
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		2,773,944			2,775,657			2,743,327			2,740,838			2,766,340			2,740,486
		2,773,945			2,775,658			2,743,328			2,740,839			2,766,341			2,740,487
		2,773,946			2,775,659			2,743,329			2,740,840			2,766,342			2,740,488
		2,773,947			2,775,660			2,743,330			2,740,841			2,766,343			2,740,489
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		2,773,949			2,775,662			2,743,332			2,740,843			2,766,345			2,740,491
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		2,773,951			2,775,664			2,743,334			2,740,845			2,766,347			2,740,493
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		2,773,954			2,775,667			2,743,337			2,740,848			2,766,350			2,740,496
		2,773,955			2,775,668			2,743,338			2,740,849			2,766,351			2,740,497
		2,773,956			2,775,669			2,743,339			2,740,850			2,766,352			2,740,498
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188— 82.8: 2,765,053	188— 196: 2,732,042	189— 34: 2,733,785	189— 75: 2,762,474	192— .098: 2,759,578	192— 43.1: 2,773,574
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83: 2,741,336	2,741,338	2,735,518	2,771,970	2,764,269	2,763,353
85: 2,753,016	2,743,793	2,736,899	2,771,971	2,770,337	45.1: 2,731,122
86: 2,742,111	2,747,700	2,736,400	2,773,571	2,772,759	2,735,527
87: 2,748,897	2,748,901	2,741,342	76: 2,731,118	2: 2,730,213	2,744,598
88: 2,729,308	2,752,009	2,742,115	2,733,788	2,746,583	2,748,912
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2,760,604	2,768,713	2,772,757	2,741,348	2,765,058	2,735,528
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2,774,447	2,733,782	35: 2,748,906	2,761,335	2,736,407	2,746,585
2,774,448	2,729,311	36: Re.24,133	2,761,536	2,750,017	2,751,055
90: 2,730,200	2,746,576	2,732,044	2,762,475	2,750,018	2,758,688
2,733,778	2,732,043	2,735,519	2,763,345	2,768,722	2,767,816
2,742,981	2,765,880	2,740,505	2,763,346	2,771,972	2,771,975
2,743,792	2,770,333	2,744,590	2,765,886	3.5: 2,735,798	2,773,575
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2,775,518	222.1: 2,740,501	2,764,267	2,742,123	4: 2,741,351	2,753,029
91: 2,771,967	222.6: 2,762,465	36.5: 2,744,592	2,742,985	2,742,985	2,757,767
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96: 2,732,038	226.1: 2,751,051	2,746,580	2,766,861	2,766,863	57: 2,775,328
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141: 2,734,599	2,745,519	2,761,533	54: 2,768,720	2,763,352	81: 2,734,606
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2,732,018	2,754,942	2,766,856	2,771,166	2,743,800	2,747,710
2,733,780	2,754,943	2,766,857	2,771,167	2,744,596	2,751,056
2,741,337	2,754,944	2,766,858	58: 2,744,595	2,745,527	2,765,891
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2,743,790	2,760,605	2,770,334	2,748,911	22: 2,734,651	2,754,946
2,746,575	2,760,606	47: 2,756,849	2,752,022	2,734,852	2,766,852
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2,752,008	2,762,469	62: Re.24,156	2,761,025	2,761,538	2,772,761
2,754,938	2,764,265	2,739,675	2,763,736	2,772,762	2,771,975
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2,732,041	2,763,339	70: 2,766,860	2,768,716	2,739,678	2,773,585
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2,753,017	2,763,341	2,733,787	2,742,119	2,752,020	2,773,592
2,759,570	2,771,973	2,734,603	2,742,120	2,755,897	2,773,593
2,759,571	31.5: 2,736,398	2,734,602	2,752,016	2,764,268	2,773,594
2,762,464	34: 2,729,314	2,741,347	2,760,607	2,761,168	2,773,595
2,764,264	2,730,208	2,742,120			
2,766,853	2,730,209	2,752,016			
185: 2,742,983	2,730,210	2,753,021			
186: 2,752,011	2,732,039	2,763,347			
195: 2,730,205	2,732,919	2,760,607			

192—	101:	2,758,689	194—	16:	2,760,619	196—	14, 46:	2,770,576	190—	29:	2,740,748	196—	50:	2,732,288	196—	52:	2,770,582
		2,762,482		39:	2,771,979		14, 47:	2,763,892			2,744,054			2,732,289			2,770,583
		2,765,062		40:	2,753,970		14, 49:	2,759,872			2,744,055			2,732,290			2,770,584
105:		2,729,320		54:	2,773,580		14, 52:	2,775,542			2,744,854			2,732,291			2,771,406
		2,730,219		55:	2,741,354			2,775,543			2,740,284			2,733,228			2,772,223
		2,732,051			2,742,996		15:	2,755,222			2,754,251			2,735,229			2,772,224
		2,733,796		61:	2,736,415		16:	2,765,259			2,759,873			2,735,230			2,772,225
		2,748,913		70:	2,748,915		17:	2,731,391			2,759,874			2,736,187			2,773,016
		2,753,967		72:	2,755,904			2,756,180			2,759,875			2,756,188			2,773,017
		2,754,948		85:	2,733,038			2,761,814			2,763,593			2,756,189			2,775,547
		2,754,949		91:	2,754,951		18:	2,730,480			2,768,180			2,756,191			2,775,549
		2,755,902		97:	2,745,531			2,732,828			2,766,181			2,757,128			2,776,187
		2,756,856			2,766,865			2,740,746			2,766,182			2,757,129			2,776,188
		2,758,690			2,766,866			2,742,401			2,768,181			2,758,062			2,776,189
		2,762,483		101:	2,768,356			2,745,791			2,771,402			2,758,063			2,776,190
		2,762,484		102:	2,744,603			2,771,403			2,773,009			2,758,064			2,776,191
		2,765,063			2,768,727			2,760,904			2,773,010			2,758,065			2,776,192
		2,774,454			2,770,343			2,770,577			2,773,011			2,758,066			2,776,193
107:		2,733,797	195—	3:	2,742,398			2,773,803			2,773,804			2,758,067			2,776,194
		2,742,992		6:	2,741,575			2,774,803			2,775,227			2,758,068			2,776,195
		2,747,713		28:	2,741,576			2,775,228			2,776,182			2,758,069			2,776,196
		2,767,817			2,743,212			2,776,183			2,776,183			2,758,070			2,776,197
		2,774,455			2,768,116			2,777,073			2,777,074			2,758,071			2,776,198
111:		2,738,691			2,770,573			2,778,073			2,778,074			2,758,072			2,776,199
113:		2,733,798		30:	2,741,577			2,779,073			2,779,074			2,758,073			2,776,200
		2,753,032			2,749,279			2,780,073			2,780,074			2,758,074			2,776,201
		2,755,903			2,771,396			2,781,073			2,781,074			2,758,075			2,776,202
		2,764,271			2,773,001			2,782,073			2,782,074			2,758,076			2,776,203
		2,775,331		31:	2,729,587			2,783,073			2,783,074			2,758,077			2,776,204
114:		2,730,220			2,742,399			2,784,073			2,784,074			2,758,078			2,776,205
116.5:		2,734,068			2,775,540			2,785,073			2,785,074			2,758,079			2,776,206
		2,765,064		32:	2,774,713			2,786,073			2,786,074			2,758,080			2,776,207
117:		2,730,221			2,774,714			2,787,073			2,787,074			2,758,081			2,776,208
125:		2,742,993		36:	2,739,923			2,788,073			2,788,074			2,758,082			2,776,209
		2,744,599			2,759,871			2,789,073			2,789,074			2,758,083			2,776,210
129:		2,734,069			2,761,812			2,790,073			2,790,074			2,758,084			2,776,211
		2,740,588			2,768,117			2,791,073			2,791,074			2,758,085			2,776,212
		2,767,818		37:	2,740,745			2,792,073			2,792,074			2,758,086			2,776,213
131:		2,733,799		38:	2,772,206			2,793,073			2,793,074			2,758,087			2,776,214
		2,742,130			2,772,207			2,794,073			2,794,074			2,758,088			2,776,215
		2,760,610		42:	2,753,289			2,795,073			2,795,074			2,758,089			2,776,216
134:		2,767,819		51:	2,735,800			2,796,073			2,796,074			2,758,090			2,776,217
		2,768,723			2,753,290			2,797,073			2,797,074			2,758,091			2,776,218
139:		2,739,686			2,756,179			2,798,073			2,798,074			2,758,092			2,776,219
142:		2,736,413			2,762,747			2,799,073			2,799,074			2,758,093			2,776,220
		2,753,988			2,765,258			2,800,073			2,800,074			2,758,094			2,776,221
144:		2,745,530			2,768,928			2,801,073			2,801,074			2,758,095			2,776,222
		2,747,714		63:	2,773,002			2,802,073			2,802,074			2,758,096			2,776,223
145:		2,734,610		65:	2,762,748			2,803,073			2,803,074			2,758,097			2,776,224
146:		2,747,715			2,744,050			2,804,073			2,804,074			2,758,098			2,776,225
148:		2,744,600		66:	2,751,329			2,805,073			2,805,074			2,758,099			2,776,226
150:		2,753,969			2,753,291			2,806,073			2,806,074			2,758,100			2,776,227
		2,756,857			2,758,055			2,807,073			2,807,074			2,758,101			2,776,228
		2,764,272			2,758,056			2,808,073			2,808,074			2,758,102			2,776,229
193—	2:	2,735,531			2,769,749			2,809,073			2,809,074			2,758,103			2,776,230
		2,756,858		67:	2,751,330			2,810,073			2,810,074			2,758,104			2,776,231
		2,765,894			2,762,749			2,811,073			2,811,074			2,758,105			2,776,232
		2,767,820		71:	2,745,789			2,812,073			2,812,074			2,758,106			2,776,233
4:		2,772,704		80:	2,734,018			2,813,073			2,813,074			2,758,107			2,776,234
		2,774,456			2,739,924			2,814,073			2,814,074			2,758,108			2,776,235
7:		2,734,611			2,760,903			2,815,073			2,815,074			2,758,109			2,776,236
8:		2,768,724			2,761,813			2,816,073			2,816,074			2,758,110			2,776,237
9:		2,763,355			2,763,591			2,817,073			2,817,074			2,758,111			2,776,238
23:		2,732,052		96:	2,766,176			2,818,073			2,818,074			2,758,112			2,776,239
		2,756,859			2,767,118			2,819,073			2,819,074			2,758,113			2,776,240
25:		2,743,801			2,771,397			2,820,073			2,820,074			2,758,114			2,776,241
		2,744,601		100:	2,770,574			2,821,073			2,821,074			2,758,115			2,776,242
		2,752,024		103.5:	2,771,398			2,822,073			2,822,074			2,758,116			2,776,243
27:		2,733,800			2,771,399			2,823,073			2,823,074			2,758,117			2,776,244
29:		2,750,021		116:	2,769,750			2,824,073			2,824,074			2,758,118			2,776,245
30:		2,734,612			2,770,575			2,825,073			2,825,074			2,758,119			2,776,246
34:		2,742,994		128:	2,749,280			2,826,073			2,826,074			2,758,120			2,776,247
35:		2,729,321		142:	2,750,328			2,827,073			2,827,074			2,758,121			2,776,248
		2,732,922		196—	1:	2,773,003		2,828,073			2,828,074			2,758,122			2,776,249
		2,740,513			4:	2,772,208		2,829,073			2,829,074			2,758,123			2,776,250
		2,760,617			7:	2,773,541		2,830,073			2,830,074			2,758,124			2,776,251
		2,768,515			8:	2,729,588		2,831,073			2,831,074			2,758,125			2,776,252
36:		2,732,053			2,749,281			2,832,073			2,832,074			2,758,126			2,776,253
		2,751,057			2,754,246			2,833,073			2,833,074			2,758,127			2,776,254
		2,759,585			2,774,715			2,834,073			2,834,074			2,758,128			2,776,255
37:		2,730,222		9:	2,766,177			2,835,073			2,835,074			2,758,129			2,776,256
		2,768,725		11:	2,768,118			2,836,073			2,836,074			2,758,130			2,776,257
38:		2,731,123		13:	2,762,750			2,837,073			2,837,074			2,758,131			2,776,258
		2,740,514			2,762,751			2,838,073			2,838,074			2,758,132			2,776,259
39:		2,730,223		14:	2,769,751			2,839,073			2,839,074			2,758,133			2,776,260
40:		2,733,801		14.1:	2,774,716			2,840,073			2,840,074			2,758,134			2,776,261
41:		2,742,995		14.11:	2,748,055												



197—	113:	2,739,689	198—	31:	2,742,134	198—	102:	2,751,062	198—	192:	2,743,004	200—	6:	2,756,290	200—	47:	2,730,585
	114:	2,763,357			2,742,135			2,762,491			2,743,810			2,758,164		48:	Re.24,216
		2,775,332			2,744,609			2,766,870			2,759,595			2,760,015			2,729,710
	124:	2,770,344			2,752,027		103:	2,755,911			2,759,596			2,760,016			2,754,955
	126:	2,730,225			2,759,588			2,761,546			2,773,257			2,761,026			2,741,672
		2,736,416			2,770,348		104:	2,755,912			2,751,066			2,763,739			2,745,919
	127:	2,748,916			2,770,349			2,731,134			2,735,535			2,765,375			2,748,211
		2,766,867			2,775,335		109:	2,743,002			2,741,358			2,769,041			2,748,212
		2,774,457			2,738,867	32:		2,744,614			2,746,595			2,769,042			2,745,213
	128:	2,751,125			2,744,610			2,766,871			2,747,725			2,739,194			2,750,460
		2,751,058			2,744,611			2,770,353			2,753,039			2,765,376			2,753,407
		2,754,952			2,753,975		115:	2,742,140			2,753,983		11:	2,745,915			2,758,167
		2,758,694			2,765,898			2,744,615			2,743,005			2,755,347			2,760,019
	133:	2,743,806		33:	2,731,129			2,745,540			2,732,980			2,760,017			2,766,544
		2,747,717			2,732,925			2,772,767			2,735,536			2,762,876			2,766,341
	136:	2,752,025			2,732,926		118:	2,768,730			2,751,067			2,768,251			2,767,264
		2,758,695			2,732,927		120.5:	2,746,592			2,732,059			2,774,828			2,771,522
	138:	2,746,590			2,734,618		121:	2,751,063			2,735,537		14:	2,751,447			2,774,832
		2,767,821			2,734,619		122:	2,747,722			2,744,618		15:	2,761,027	50:		2,744,974
		2,772,765			2,742,136			2,759,591			2,745,542			2,766,335			2,747,047
	140:	2,744,604			2,742,137		126:	2,768,731			2,746,596			2,771,520			2,757,248
		2,732,055			2,744,612		127:	2,744,616			2,747,726		16:	2,729,709			2,757,249
	144:	2,756,861			2,744,613			2,748,919			2,769,531			2,730,581			2,759,054
	145:	2,729,325			2,745,535			2,761,547			2,772,768			2,732,444			2,760,020
		2,742,990			2,745,536		128:	Re.24,113			2,731,138	204:		2,754,953			2,760,021
	151:	2,734,614			2,745,537			2,756,865			2,746,597			2,747,034			2,762,878
		2,757,776			2,747,720			2,766,872			2,760,623			2,748,207			2,762,879
	157:	2,747,718			2,752,028			2,770,354			2,735,538			2,748,208			2,766,342
		2,752,026			2,753,038		131:	2,751,064			2,735,539			2,756,291			2,767,265
	160:	2,742,132			2,753,976			2,767,822			2,742,141			2,773,945			2,767,266
	162:	2,732,924			2,754,953			2,774,460			2,748,920			2,774,829			2,768,254
	165:	2,744,605			2,754,954		139:	2,733,806			2,744,619		17:	2,740,005			2,770,688
		2,734,615			2,756,865			2,762,492			2,748,921			2,745,916			2,771,523
	167:	2,755,905			2,759,589			2,768,732			2,752,030			2,747,035			2,774,833
	171:	2,745,535			2,761,542			2,771,178			2,744,620	213:		2,753,405	51:		2,747,036
		2,761,389			2,761,543			2,774,461			2,760,624			2,774,830			2,761,028
		2,759,586			2,761,544			2,774,462			2,763,362		18:	2,732,445	51.02:	2,756,294	
	176:	2,739,690			2,765,900		140:	2,746,593			2,743,006			2,743,794	51.04:	2,759,055	
		2,757,777			2,769,521		141:	2,753,978			2,743,006			2,745,917	51.05:	2,755,350	
	178:	2,746,591			2,772,766			2,753,979			2,743,007			2,748,209	51.06:	2,769,041	
	189:	2,744,606		34:	2,730,226		143:	2,754,275			2,750,570			2,750,599	51.09:	2,735,906	
		2,745,534			2,731,130		147:	2,765,067			2,764,277			2,756,292			2,747,048
		2,764,273			2,739,695		148:	2,747,723			2,731,139			2,769,043			2,753,408
		2,770,345			2,739,696		151:	2,746,594			2,746,598	219:		2,773,949			2,763,742
198—	7:	2,738,865			2,743,000		152:	2,755,913			2,746,599		19:	2,739,195	51.1:		2,732,446
		2,729,323			2,745,538		153:	2,738,703			2,751,068			2,740,852			2,747,049
		2,767,822			2,751,059		155:	2,747,724			2,753,984			2,760,018			2,747,050
	8:	2,732,056			2,757,780		159:	2,754,955			2,753,985			2,763,740			2,767,267
		2,768,728			2,759,590		162:	2,734,621			2,756,871		21:	2,766,336	51.14:	2,729,711	
		2,744,607			2,761,545			2,735,535			2,758,704			2,766,337	51.15:	2,752,443	
	10:	2,753,036			2,765,865			2,754,956			2,761,550			2,773,950	51.16:	2,780,022	
	16:	2,766,868			2,769,522		166:	2,744,617			2,767,826		22:	2,730,582	51.17:	2,747,037	
	19:	2,731,126			2,769,523		167:	2,729,324			2,771,179		23:	2,744,972	51.2:	2,775,963	
		2,733,805			2,770,350			2,762,493			2,771,983			2,773,951	51.27:	2,744,173	
		2,740,515			2,771,177			2,765,901			2,772,769		24:	2,740,006			2,747,038
		2,758,696			2,771,982		168:	2,756,866			2,772,770			2,762,877	51.3:	2,774,834	
		2,759,587			2,775,336		170:	2,760,621		233:	2,760,625			2,766,338	56:	2,771,524	
		2,761,540		35:	2,731,131			2,769,528			2,765,902			2,773,140	60:	2,730,586	
		2,770,346			2,748,917			2,773,584			2,775,339			2,774,831	61.05:	2,735,907	
		2,771,172			2,755,907		171:	2,757,734			2,768,734		25:	2,756,293			2,769,672
		2,771,173			2,758,360			2,757,783			2,762,497		26:	2,749,397	61.06:	2,742,987	
		2,775,333		36:	2,750,023			2,762,494			2,769,532			2,752,435			2,756,295
	20:	2,731,127		37:	2,745,539		172:	2,767,825			2,764,278	233:		2,764,278			2,760,023
		2,739,691			2,769,524			2,770,622			2,773,586		27:	2,768,252	61.09:	2,754,380	
		2,739,692		38:	2,755,908		174:	2,753,980		199—	1:	2,748,922		30:	2,740,853	61.11:	2,761,925
		2,741,356			2,757,781		175:	2,757,784			2,774,463			2,740,854	61.13:	2,735,300	
		2,773,582			2,758,688			2,758,702		18:	2,738,869			2,742,538			2,750,461
	21:	2,739,693			2,774,458		176:	2,735,534			2,763,363			2,752,436	61.14:	2,752,443	
		2,741,357		39:	2,770,351			2,754,957			2,770,355			2,755,348	61.15:	2,760,024	
		2,762,487			2,743,808			2,756,867			2,770,356			2,765,377	61.18:	2,734,956	
		2,769,519		40:	2,731,132			2,756,868			2,774,464			2,769,044			2,744,174
		2,771,174			2,731,133			2,760,620			2,767,827			2,773,952			2,747,040
		2,773,583			2,767,823			2,761,548			2,774,465		31:	2,730,583			2,752,444
	22:	2,744,608		45:	2,734,620			2,762,495			2,746,600			2,731,523			2,754,382
	23:	2,753,037		53:	2,720,227	177:	2,732,929			2,775,340			2,735,905				2,756,296
	24:	2,747,719			2,758,699			2,743,809		61:	2,758,705			2,742,539			2,761,924
		2,753,974		54:	2,765,066			2,755,914		63:	2,762,498			2,752,437			2,766,343
		2,755,906			2,770,352			2,759,592		77:	2,741,669			2,752,438			2,761,924
		2,765,896		56:	2,751,060			2,761,549		200—	1:	2,741,670			2,752,439	61.21:	2,745,920
	25:	2,738,866			2,753,977			2,765,068			2,749,396			2,763,741	61.22:	2,756,297	
		2,757,778			2,768,729			2,766,873			2,755,346			2,769,045	61.23:	2,763,743	
		2,760,020		57:	2,758,700			2,768,733			2,763,377			2,769,046	61.24:	2,740,007	
		2,761,541			2,748,918		179:	2,731,135			2,775,661			2,769,047			2,741,673
		2,765,897			2,732,928			2,731,136			2,775,662			2,773,141	61.25:	2,729,712	
		2,770,347		64:	2,765,899			2,731,137		4:							





200—	169:	2,748,229	201—	63:	2,767,287	202—	57:	2,739,980	204—	14:	2,763,605	204—	64:	2,739,111	204—	192:	2,754,259
		2,756,306			2,768,265			2,744,857		15:	2,744,859			2,741,588			2,769,778
		2,770,702			2,768,266			2,748,063			2,750,332			2,743,802		193:	2,755,811
	170:	2,732,468			2,769,074			2,752,297			2,758,074			2,749,295			2,741,592
		2,733,322			2,769,884			2,753,297			2,758,962			2,752,303			2,741,593
		2,747,060			2,770,703			2,754,255			2,764,537			2,755,240			2,743,224
		2,759,076			2,772,336			2,754,256		16:	2,745,797			2,765,270			2,743,225
	171:	2,733,323			2,773,158			2,755,235		19:	2,768,944			2,774,739			2,743,226
	172:	2,741,384			2,773,159			2,756,199		20:	2,758,133		67:	2,731,407			2,744,064
		2,744,985			2,774,854			2,758,072		23:	2,734,024			2,742,414			2,770,590
		2,752,404			2,775,673			2,768,132			2,739,106			2,758,964			2,770,591
		2,752,465			2,773,324			2,768,941			2,739,981			2,764,539			2,773,823
		2,760,035			2,742,551			2,774,725			2,751,340		71:	2,757,135			2,774,730
		2,763,383			2,744,988		59:	2,770,385			2,766,194		72:	2,744,861		195:	2,748,222
		2,773,852			2,745,929		63:	2,751,338			2,766,195			2,768,945			2,733,201
		2,775,674			2,739,213			2,751,339		25:	2,745,798			2,770,588			2,745,803
201—	48:	2,729,727			2,745,930		64:	2,734,023		28:	2,741,585		73:	2,749,293			2,745,804
		2,730,595			2,748,233			2,741,584			2,753,298		79:	2,746,916			2,752,307
		2,730,596			2,767,288		67:	2,768,942			2,758,073		82:	2,772,229			2,755,243
		2,734,975			2,767,287		72:	2,758,073			2,762,765		86:	2,743,222			2,756,203
		2,739,211			2,739,214		75:	2,732,334			2,762,764		90:	2,733,200			2,758,079
		2,740,025			2,769,885			2,760,919		29:	2,752,302			2,741,589			2,760,928
		2,740,026			2,772,337		93:	2,774,726			2,764,538		93:	2,767,135			2,768,135
		2,749,416		73:	2,780,598		96:	2,760,920		32:	2,729,601		95:	2,756,201		196:	2,744,863
		2,750,481			2,733,325		118:	2,768,948			2,772,227			2,770,589			2,752,304
		2,751,472			2,745,931		122:	2,752,298		33:	2,755,237		96:	2,739,934		197:	2,759,887
		2,752,466			2,748,234			2,746,913			2,755,238			2,741,590			2,743,227
		2,758,182			2,751,477		142:	2,733,197		34:	2,748,065			2,749,296			2,749,299
		2,759,077		74:	2,740,033			2,746,914			2,760,923		105:	2,750,338			2,756,204
		2,759,078		75:	2,734,978		153:	2,730,331			2,760,924			2,755,241			2,756,205
		2,761,042			2,741,087			2,764,534		35:	2,755,239			2,766,197			2,758,080
		2,762,891			2,745,932		160:	2,762,761			2,771,409			2,766,198			2,758,081
		2,769,070			2,767,289		187:	2,774,727		37:	2,731,403			2,771,413			2,758,082
		2,769,883	202—	6:	2,757,129		197:	2,764,535			2,739,107			2,771,414			2,762,771
		2,773,965			2,775,551		205:	2,749,292			2,748,067		108:	2,732,493			2,764,541
		2,775,672		12:	2,761,824		206:	2,764,536			2,756,200			2,742,415			2,765,273
49:		2,734,976		13:	2,764,530		223:	2,761,826			2,770,586			2,769,775			2,766,200
51:		2,773,156		14:	2,731,400		236:	2,766,193			2,771,410		110:	2,735,810			2,772,231
54:		2,769,071			2,738,194		238:	2,735,807			2,773,817		114:	2,761,825			2,775,554
55:		2,729,728			2,734,851		248:	2,744,858		38:	2,730,490		119:	2,764,540		200:	2,749,300
		2,740,027			2,734,852			2,759,854			2,739,932		124:	2,773,820		208:	2,748,071
		2,743,340			2,735,804			2,772,226			2,745,799			2,775,552		209:	2,766,205
		2,745,927			2,742,410		256:	2,759,885			2,760,925		125:	2,762,765		211:	2,734,858
		2,748,230			2,743,216		268:	2,761,827			2,767,134		130:	2,739,112			2,742,417
		2,749,231			2,750,330	203—	12:	2,755,915		39:	2,759,886			2,767,136			2,757,137
		2,751,473			2,764,531			2,764,538		43:	2,730,491		131:	2,763,607			2,759,888
		2,756,307			2,768,938			2,771,964			2,734,025		140:	2,755,242			2,764,542
		2,757,264			2,768,939		35:	2,730,229			2,739,108			2,773,023		212:	2,741,594
		2,760,036		15:	2,761,825		40:	2,756,872			2,739,109		140.5:	2,740,735			2,773,824
		2,761,043			2,729,597			2,756,873			2,748,068			2,751,342		213:	2,762,772
		2,761,044		16:	2,732,332			2,754,958			2,750,333			2,752,304		215:	2,766,201
		2,764,657			2,739,104			2,771,180			2,751,341			2,752,305		218:	2,733,202
		2,765,384			2,743,217		67:	2,732,931			2,754,258			2,753,301		219:	2,743,228
		2,766,359		18:	2,730,488			2,735,540			2,766,196			2,757,138		217:	2,764,543
		2,773,157		19:	2,752,292		75:	2,747,727		44:	2,730,492			2,762,766		218:	2,746,917
56:		2,729,729		22:	2,743,218			2,753,400			2,734,026			2,764,540		220:	2,772,232
		2,747,061		23:	2,756,198			2,758,076			2,739,933			2,773,821			2,744,864
		2,774,853		25:	2,729,598			2,763,364			2,744,063		141:	2,742,416			2,748,072
57:		2,734,977			2,752,293			2,765,903			2,763,606			2,766,199		222:	2,746,918
		2,748,232			2,765,266		85:	2,750,025		45:	2,741,586			2,775,553		223:	2,731,412
		2,751,474		27:	2,735,805		92:	2,771,181			2,744,860		142:	2,773,024			2,751,344
		2,769,072			2,773,018		110:	2,742,142			2,753,299		143:	2,739,935		225:	2,766,202
59:		2,773,966		31:	2,734,853		150:	2,763,365		46:	2,753,299			2,763,608		242:	2,760,929
		2,744,986			2,739,105		159:	2,730,230			2,735,809			2,767,137			2,766,202
		2,740,028			2,755,234		183:	2,738,870			2,765,266		145:	2,730,494		243:	2,732,339
		2,740,029		32:	2,744,856			2,765,069			2,771,411			2,760,927			2,739,113
		2,741,685		33:	2,732,333			2,765,070			2,771,412			2,763,609			2,739,114
		2,751,475		38:	2,735,806		200:	2,732,060		48:	2,745,800		147:	2,762,767			2,739,115
		2,755,079		39:	2,744,060			2,760,928			2,757,133		149:	2,773,025			2,773,825
		2,759,080			2,749,291			2,765,904			2,773,818		151:	2,731,408		244:	2,761,830
		2,759,081	39.5:		2,741,583			2,773,587		51:	2,745,801			2,752,306		245:	2,770,592
		2,761,045			2,742,411		240:	2,742,143			2,748,069		154:	2,743,223		246:	2,748,073
		2,769,073			2,746,911		260:	2,751,069			2,750,334			2,768,134		247:	2,742,418
		2,773,967			2,751,337		300:	2,733,807			2,750,335			2,769,776			2,755,244
63:		2,729,730			2,762,760		320:	2,748,923			2,750,337		156:	2,768,947		248:	2,754,260
		2,730,597			2,763,604			2,767,828		52:	Re.24,253		157:	2,734,027		251:	2,749,301
		2,731,532			2,768,131		327:	2,761,551			2,732,336			2,753,306		252:	2,742,419
		2,731,533			2,752,294			2,765,071			2,733,198		158:	2,732,337		256:	2,739,936
		2,732,469		40:	2,738,071		355:	2,747,728			2,742,412			2,751,343		257:	2,739,116
		2,735,919			2,761,832			2,773,588			2,742,413			2,765,010		266:	2,742,420
		2,739,212			2,767,133			2,773,588			2,758,076			2,760,777		279:	2,745,805
		2,740,030		42:	2,729,599		385:	2,752,301			2,770,587			2,773,822		286:	2,739,937
		2,740,031			2,729,600	204—	1:	2,732,335			2,773,022		162:	2,730,495		288:	2,733,203
		2,740,032			2,734,854			2,744,061			2,774,728			2,749,297		290:	2,743,229
		2,740,874															

205—	7: 2,764,279	206—	46: 2,754,960	206—	66: 2,771,990	209—	111: 2,730,233	209—	235: 2,769,543	210—	22: 2,749,304
	14: 2,748,925		2,754,961		72: 2,738,872		2,730,234		237: 2,730,236		23: 2,749,305
	22: 2,742,144		2,757,790		73: 2,739,706		2,734,628		274: 2,734,631		244,866
	24: 2,731,141		2,757,791		75: 2,731,143		2,742,151		241: 2,751,078		2,749,306
206—	4: 2,757,788		2,761,553		2,771,188		2,758,712		250: 2,765,079		2,758,084
	5: 2,772,771		2,762,502		2,771,991		2,759,601		251: 2,748,941		2,763,611
	14: 2,750,027		2,764,283		78: 2,732,937		2,759,602		261: 2,732,941		2,766,204
	81: 2,729,325		2,768,737		2,743,011		2,773,596		270: 2,730,037		2,769,780
	2,735,541		2,768,738		2,745,545		121: 2,731,146		269: 2,764,291		2,771,417
	2,768,735		2,771,184		2,767,793		2,732,067		270: 2,733,813		2,731,413
1:	2,731,142		2,771,987		79: 2,742,149		2,742,152		273: 2,732,068		2,732,342
	2,739,697		2,774,469		764,286		2,759,603		283: 2,735,548		2,733,264
	2,757,787		47: 2,732,064		2,773,592		2,766,879		295: 2,751,079		2,733,205
2:	2,771,985		2,734,625		2,755,944		2,773,597		314: 2,775,347		2,739,119
3:	2,734,623		2,741,369		82: 2,762,503		122: 2,761,561		315: 2,748,942		2,742,421
	2,750,028		2,752,036		84: 2,745,546		123: 2,754,964		323: 2,738,943		2,743,235
4:	2,761,552		2,753,990		2,760,632		125: 2,757,795		329: 2,729,332		2,744,066
	2,763,366		2,756,874		2,762,504		127: 2,738,875		350: 2,765,080		2,744,867
	2,732,061		2,756,875		2,739,707		2,754,965		357: 2,740,524		2,744,868
5:	2,739,698		2,773,591		2,743,011		2,764,288		367: 2,751,080		2,748,077
	2,758,707		48: 2,761,554		2,751,076		132: 2,743,814		367: 2,751,080		2,749,306
	2,762,499		48.5: 2,735,543		2,753,043		138: 2,729,330		386: 2,773,599		2,751,081
	2,762,500		52: 2,767,832		2,755,910		2,739,708		388: 2,755,931		2,751,347
6:	2,747,729		2,748,931		2,766,878		2,766,880		399: 2,740,525		2,751,348
7:	2,752,032		2,750,029		2,767,878		2,766,881		403: 2,753,999		2,752,300
	2,760,627		2,761,555		3: 2,737,794		2,766,881		421: 2,764,292		2,753,302
	2,764,280		2,765,908		2,753,044		139: 2,741,366		441: 2,741,367		2,754,261
	2,768,874		2,767,833		4: 2,741,363		2,753,996		448: 2,774,478		2,754,263
	2,770,357		53: 2,768,740		2,743,812		2,755,930		454: 2,735,549		2,755,245
9:	2,768,875		54: 2,765,908		2,751,077		2,770,360		455: 2,730,235		2,758,968
10:	2,752,033		56: 2,732,065		2,753,044		2,770,361		2,740,526		2,761,832
15.1:	2,763,367		2,739,702		2,753,995		2,774,476		2,743,816		2,761,833
	2,767,830		2,752,037		6: 2,740,519		144: 2,739,709		2,744,628		2,767,130
16:	2,732,933		2,753,991		2,748,932		2,754,967		2,765,911		2,767,140
	2,735,542		2,755,922		2,756,876		2,758,713		465: 2,731,145		2,768,950
	2,740,517		2,758,710		2,768,742		2,767,840		467: 2,759,065		2,771,418
	2,744,621		2,760,629		9: 2,748,933		2,768,744		2,768,748		2,772,236
	2,747,730		2,766,876		2,755,925		2,773,598		474: 2,743,817		2,772,237
	2,748,926		2,767,834		2,759,599		2,767,841		474: 2,743,817		2,772,237
	2,753,987		2,767,834		2,763,370		155: 2,767,841		475: 2,752,041		2,773,829
	2,775,341		2,769,533		10: 2,731,145		157: 2,766,882		479: 2,741,368		2,774,732
16.5:	2,768,736		2,770,358		2,738,873		160: 2,730,235		483: 2,769,545		2,775,237
17:	2,759,597		2,771,988		2,755,926		2,732,940		496: 2,742,153		2,778,929
16.6:	2,739,699		2,774,470		2,767,835		2,733,809		210—	1: 2,733,814	26: 2,768,950
2,771,182		57: 2,732,935		2,767,836		2,740,522		2,748,938		2,744,629	28: 2,768,951
2,775,342		2,765,909		2,767,837		2,749,322		2,769,546		2,744,629	29: 2,772,779
19.5:	2,743,008		2,768,739		2,767,838		2,748,939		1.5: 2,729,333		30: 2,767,840
	2,764,281		58: 2,743,009		2,773,593		2,750,036		2,732,943		39: 2,768,951
	2,768,708		2,766,877		2,735,545		2,753,997		2,735,550		40: 2,732,064
29:	2,753,041		2,771,185		16: 2,732,066		2,757,796		2,754,000		42.5: 2,730,236
	2,753,988		2,771,186		17: 2,750,034		2,762,509		2,758,715		2,731,141
	2,760,628		2,774,470		18: 2,748,934		2,765,077		2,758,715		2,731,141
	2,762,501		2,750,030		1: 2,755,927		2,766,883		2,759,600		2,743,816
	2,763,368		2,753,042		2: 2,735,547		2,766,884		2,760,636		2,744,066
	2,765,072		2,753,992		3: 2,765,927		2,766,885		2,760,636		2,761,554
30:	2,730,231		2,772,773		5: 2,748,935		2,767,842		2,760,638		2,762,505
31:	2,752,034		2,772,774		9: 2,762,505		2,769,540		2,764,294		2,763,611
32:	2,753,988		2,774,471		11: 2,769,536		2,769,541		2,765,912		2,763,612
34:	2,755,918		60: 2,741,361		2,735,546		2,769,542		2,765,912		2,763,613
2,771,183		2,742,145		2,741,364		2,769,542		2,767,845		2,771,183	27: 2,768,952
37:	2,755,919		2,742,146		2,743,012		168: 2,747,733		2,771,995		2,772,779
38:	2,734,623		2,750,031		2,772,775		2,758,714		2,772,778		2,772,779
2,741,839		2,761,556		2,744,625		2,758,714		2,772,778		2,772,779	43: 2,772,779
41:	2,764,282		62: 2,734,626		2,754,963		169: 2,765,078		2,772,778		2,772,779
42:	2,759,598		2,740,518		2,763,371		170: 2,753,045		2,746,919		2,765,910
2,772,772		2,741,362		13: 2,773,594		172: 5: 2,733,811		2,768,136		2,768,137	44: 2,768,137
2,774,466		2,742,147		21: 2,771,189		2,733,811		2,768,137		2,768,137	45: 2,768,137
43:	2,755,920		2,750,032		27: 2,762,506		2,734,629		2,772,773		2,772,773
44:	2,748,927		2,761,557		40: 2,765,075		2,744,627		2,772,773		2,772,773
44.11:	2,729,326		2,761,558		44: 2,740,520		2,753,998		3: 2,749,302		2,758,967
2,739,700		2,774,472		49: 2,744,626		2,760,633		2,758,967		2,748,949	51: 2,748,949
	2,774,467		63.2: 2,735,544		2,769,537		2,766,886		6: 2,749,303		2,755,930
45:	2,745,543		2,750,033		2,769,538		2,771,994		2,764,544		2,765,931
45.13:	2,755,921		2,751,074		71: 2,761,559		2,775,346		2,768,949		2,767,840
45.14:	2,744,622		2,752,038		72: 2,762,507		173: 2,739,710		2,768,949		2,767,840
	2,751,070		2,742,148		74: 2,767,839		2,747,734		7: 2,739,118		2,768,740
	2,752,035		63.5: 2,729,328		2,771,990		2,752,040		8.5: 2,756,206		2,773,036
	2,774,468		65: 2,732,068		2,745,548		2,764,289		2,759,589		2,773,037
45.19:	2,739,701		2,738,871		75: 2,771,191		208: 2,760,634		2,773,037		2,773,037
	2,758,709		2,739,705		78: 2,769,539		211: 2,731,147		11: 2,739,989		2,782,037
45.26:	2,730,232		2,744,624		81: 2,741,365		2,735,547		12: 2,750,207		2,734,629
2,765,906		2,746,601		82: 2,740,521		2,735,547		2,740,523		2,734,629	52: 2,734,629
45.3:	2,771,986		2,751,075		88: 2,738,808		2,753,998		15: 2,774,731		2,743,010
45.31:	2,732,062		2,753,993		82: 2,740,521		2,746,604		16: 2,755,555		2,743,010
2,751,071		2,754,962		88: 2,738,808		2,742,150		2,754,968		2,743,010	2,743,010
45.33:	2,745,544		2,755,923		2,738,808		2,756,878		2,732,341		2,751,080
	2,754,559		2,757,792		2,734,627		2,760,635		2,744,065		2,752,040
	2,775,345		2,758,711		2,748,936		2,768,745		2,748,075		2,753,040
	2,773,590		2,760,631		2,748,937		215: 2,729,331		2,751,346		2,767,840
45.34:	2,757,789		2,763,369		2,759,600		2,769,540		2,765,273		2,767,840
	2,773,590		2,764,284		2,761,560		2,766,887		2,766,203		2,767,840
46:	2,729,327		2,764,285		2,765,075		218: 2,738,876		2,767,138		2,772,778
	2,732,063		2,765,073		89: 2,729,329		219: 2,745,549				



210—	54:	2,757,798	210—	163:	2,748,946	211—	1:	2,773,603	211—	178:	2,740,534	214—	2,5:	2,747,751	214—	64:	2,760,657
		2,758,717			2,753,049		1.6:	2,753,052			2,747,749			2,773,605		64.2:	2,748,959
		2,759,608			2,753,050			2,759,611			2,748,955		3:	2,773,606		75:	2,730,249
55:	2,729,335		163.5:	2,753,051				2,762,513			2,772,788		5.5:	2,742,163			2,732,087
	2,732,944			2,766,889			4:	2,760,528		212—	1:	2,754,011		2,743,824			2,746,619
	2,734,634		164:	2,733,815				2,752,040			3:	2,757,863		2,751,085			2,751,085
	2,748,944			2,734,636			10:	2,739,714			4:	2,746,610		6 Re. 24,124			2,755,943
	2,750,038			2,739,713			11:	2,742,161				2,746,611		2,730,247			2,763,383
	2,762,511			2,742,159				2,765,925			7:	2,734,641		2,731,159			2,768,757
	2,768,749			2,757,801				2,769,559				2,745,559		2,732,957			2,772,794
56:	2,732,071			2,760,646			13:	2,760,647			8:	2,733,817		2,739,718			2,772,795
	2,744,630			2,762,512				2,762,514				2,733,818		2,748,957		77:	2,729,347
	2,747,736			2,765,923				2,767,854				2,740,635		2,752,050			2,732,960
	2,747,737			2,769,548			34:	2,763,376				2,740,536		2,754,980			2,734,645
57:	2,754,969			2,770,368			37:	2,729,341				2,740,637		2,759,615			2,739,719
	2,765,082		165:	2,730,241			38:	2,767,855				2,753,053		2,767,863			2,739,720
	2,771,997			2,731,153			41:	2,739,715				2,771,197		2,768,756			2,745,562
	2,772,783			2,747,741			42:	2,767,856				2,772,789		2,769,558			2,746,620
61:	2,754,970			2,750,045			43:	2,732,082		24:	2,743,024		2,770,373				2,752,052
62:	2,732,072			2,772,001			45:	2,745,536		28:	2,730,244		2,773,607				2,758,729
	2,751,083		166:	2,731,154				2,753,053		35:	2,774,489		2,774,489				2,758,730
	2,758,718			2,746,606			46:	2,759,612				2,755,939		7:	2,772,792		2,758,758
65:	2,732,945			2,748,947			49:	2,732,952				2,774,483		8.5:	2,720,344		2,774,494
66:	2,760,639			2,773,602				2,735,552							2,765,631	78:	2,743,828
67:	2,732,073		169:	2,731,155				2,735,553		38:	2,761,569				2,734,643	80:	2,757,807
	2,734,635			2,732,077				2,738,881		39:	2,730,245				2,751,090		2,772,007
68:	2,731,151			2,732,951				2,740,629		58:	2,754,012		10.5:	2,743,825			2,772,008
	2,734,819			2,742,160				2,743,820		59:				2,758,727		82:	2,741,375
69:	2,752,043			2,743,016				2,744,634						2,774,490			2,751,096
	2,761,564			2,746,607				2,750,049					11:	2,730,248			2,753,057
70:	2,752,044			2,747,742				2,750,050		61:	2,744,637			2,734,643			2,760,658
	2,755,054			2,748,948				2,761,568		65:	2,754,976			2,751,090			2,760,659
	2,760,640			2,751,085				2,769,551		69:	2,739,716			2,751,092		83.14:	2,772,796
	2,764,295			2,754,002				2,773,604						2,760,654			2,772,796
71:	2,750,039			2,754,972			50:	2,743,020		120:	2,741,372		14:	2,773,608		83.18:	2,745,563
72:	2,729,336			2,754,973				2,745,507		126:	2,761,570		15:	2,761,571			2,754,983
	2,748,945			2,755,937			55:	2,751,088		127:	2,764,298		16:	2,729,345		83.24:	2,751,093
73:	2,750,040			2,757,802			60:	2,744,558			2,735,188			2,743,826			2,751,099
76:	2,759,609			2,758,721				2,754,008		134:	2,735,554			2,772,005		83.26:	2,757,808
84:	2,739,711			2,759,610			64:	2,740,530			2,746,613		16.1:	2,731,100		83.3:	2,733,820
	2,771,998			2,761,569				2,775,351			2,765,928			2,733,819			2,767,867
94:	2,732,946			2,768,751				2,744,635		144:	2,770,377			2,738,885		83.32:	2,746,621
	2,760,641			2,768,752			71:	2,766,891			2,742,164			2,742,164			2,751,077
	2,768,750			2,772,002			72:	2,743,021		145:	2,740,538			2,743,827			2,765,936
	2,775,348		170:	2,734,637			73:	2,753,054			2,741,373			2,745,561			2,770,376
98:	2,770,366			2,754,003				2,758,723		213—	1:	2,729,343			2,746,616	83.36:	2,732,961
113:	2,771,999		171:	2,732,078				2,763,377		1.3:	2,751,089			2,751,093			2,743,829
120:	2,731,152			2,767,852			74:	2,748,952		6:	2,769,555			2,752,051			2,754,015
	2,773,601			2,770,369				2,754,009		8:	2,744,638			2,755,014			2,757,809
122.5:	2,745,552		172:	2,733,816			75:	2,772,787			2,752,048			2,755,941			2,765,937
124:	2,745,553			2,740,527			86:	2,732,953			2,764,299			2,761,572			2,770,377
128:	2,765,920			2,747,743				2,734,638		9:	2,750,053			2,762,515			2,774,495
129:	2,769,547		190:	2,750,046				2,769,552		20:	2,754,978			2,763,381		84:	2,746,622
131:	2,732,074		181:	2,765,924				2,771,195		31:	2,760,651			2,765,932			2,763,384
	2,742,155		182:	2,732,079				2,774,480		32:	2,764,300			2,771,200			2,766,897
	2,742,156			2,750,004			87:	2,730,243			2,768,755			2,773,609		85:	2,766,898
	2,750,041			2,765,083				2,743,022		34:	2,745,560		16.4:	2,732,084		85.1:	2,766,882
	2,750,042			2,772,786				2,754,974			2,748,956			2,769,558			2,765,938
	2,753,047		183:	2,729,339				2,769,553			2,767,857		16.6:	2,732,085		89:	2,732,962
	2,758,719			2,738,879			88:	2,732,954			2,775,353		17:	2,729,346			2,738,888
	2,760,642			2,743,017				2,763,378		40:	2,765,929			2,732,086			2,750,054
140:	2,732,075			2,743,018			89:	2,764,296			2,776,879			2,738,886		90:	2,743,830
	2,747,738			2,747,744				2,774,481			2,767,858			2,746,617		91:	2,747,752
142:	2,732,947			2,748,949			90:	2,741,370			2,767,859			2,751,094			2,765,089
144:	2,732,948			2,750,047				2,747,745			2,767,860			2,755,942			2,770,378
	2,754,971			2,750,048			93:	2,746,609			2,774,485			2,758,728		103:	2,735,558
	2,760,643			2,766,890				2,758,724			2,774,486			2,760,655			2,746,623
148:	Re. 24,138			2,770,370			94:	2,740,531			2,743,821			2,762,516			2,761,574
	2,763,373		184:	Re. 24,136				2,757,804			2,766,894			2,774,491		130:	2,741,377
	2,770,367			2,729,340				2,759,613		47:	2,767,861		18:	2,753,056			2,743,027
149:	2,732,949			2,743,019				2,771,196		49:	2,754,013			2,766,895			2,753,058
	2,738,878			2,744,632			96:	2,734,639			2,755,940			2,770,374		131:	2,729,348
	2,739,712			2,748,950				2,743,023			2,763,380		18.2:	2,772,006			2,730,250
	2,750,043			2,754,005				2,764,297		60:	2,743,822		18.22:	2,765,933			2,746,624
	2,753,048			2,757,803				2,766,892		61:	2,754,979		19:	2,766,896			2,746,625
	2,754,001			2,765,084			97:	2,754,010			2,752,049			2,773,610			2,748,960
	2,755,935			2,774,479			104:	2,740,532			2,769,556		21:	2,738,887			2,752,053
	2,758,720		187:	2,754,006				2,770,371		148:	2,747,750			2,754,981			2,754,984
	2,760,644			2,761,567				2,765,926			2,772,791			2,775,354			2,755,944
150:	2,729,337		195:	2,731,156			106:	2,744,636			2,760,652		26:	2,741,374			2,760,660
	2,751,084			2,738,880			113:	2,747,746		166:	2,746,614		29:	2,757,806			2,764,302
	2,755,936		199:	2,730,242				2,748,953			2,756,880			2,765,934			2,764,303
	2,760,645			2,732,080				2,765,927			2,757,805		35:	2,745,557		132:	2,755,945
	2,771,994			2,744,633			117:	2,738,882		171:	2,735,555			2,773,611			2,772,797
	2,775,349			2,748,951			118:	2,756,879		212:	2,746,615			2,			

214—	143: 2,742,166	214—	516: 2,729,352	215—	40: 2,752,059	219—	2: 2,759,082	219—	10: 2,757,266	219—	19: 2,769,889
145: 2,743,552	518: 2,730,720	519: 2,739,723	2,739,723	2,772,012	2,772,012	2,730,599	2,761,941	10: 49: 2,761,941	2,761,941	2,761,941	2,761,941
146: 2,746,626	2,734,646	2,743,832	2,743,832	2,772,013	2,772,013	2,730,600	2,768,269	2,769,075	2,769,075	2,774,855	2,774,855
147: 2,731,163	2,734,646	2,750,059	2,750,059	41: 2,752,060	2,752,060	2,731,534	2,769,075	10: 51: 2,729,731	2,729,731	2,775,677	2,775,677
2,744,640	2,744,640	2,754,988	2,754,988	42: 2,763,392	2,763,392	2,731,535	2,769,075	2,764,690	2,764,690	2,775,678	2,775,678
2,745,565	2,745,565	2,766,887	2,766,887	43: 2,768,762	2,768,762	2,733,329	2,768,187	10: 53: 2,758,187	2,758,187	2,779,352	2,779,352
2,748,961	2,748,961	2,771,203	2,771,203	44: 2,772,802	2,772,802	2,734,979	2,765,386	2,732,473	2,732,473	2,782,477	2,782,477
2,752,054	2,752,054	2,780,256	2,780,256	45: 2,742,171	2,742,171	2,734,980	2,766,362	2,732,473	2,732,473	2,782,477	2,782,477
2,754,016	2,754,016	2,746,629	2,746,629	46: 2,752,062	2,752,062	2,739,215	2,766,362	2,732,473	2,732,473	2,782,477	2,782,477
2,755,946	2,755,946	2,747,757	2,747,757	47: 2,744,647	2,744,647	2,739,216	2,766,362	2,732,473	2,732,473	2,782,477	2,782,477
2,759,616	2,759,616	2,785,563	2,785,563	48: 2,772,803	2,772,803	2,740,876	2,766,362	2,732,473	2,732,473	2,782,477	2,782,477
2,765,939	2,765,939	2,750,060	2,750,060	49: 2,750,062	2,750,062	2,741,688	2,766,362	2,732,473	2,732,473	2,782,477	2,782,477
2,770,379	2,770,379	2,760,661	2,760,661	50: 2,751,102	2,751,102	2,742,552	2,766,362	2,732,473	2,732,473	2,782,477	2,782,477
151: 2,740,540	2,740,540	2,762,518	2,762,518	51: 2,754,989	2,754,989	2,743,341	2,766,362	2,732,473	2,732,473	2,782,477	2,782,477
152: 2,730,251	2,730,251	2,764,307	2,764,307	52: 2,757,814	2,757,814	2,744,182	2,766,362	2,732,473	2,732,473	2,782,477	2,782,477
2,741,739	2,741,739	2,773,615	2,773,615	53: 2,760,666	2,760,666	2,744,963	2,766,362	2,732,473	2,732,473	2,782,477	2,782,477
2,753,061	2,753,061	2,741,384	2,741,384	54: 2,765,944	2,765,944	2,745,933	2,766,362	2,732,473	2,732,473	2,782,477	2,782,477
2,761,575	2,761,575	2,733,824	2,733,824	55: 2,770,883	2,770,883	2,747,063	2,766,362	2,732,473	2,732,473	2,782,477	2,782,477
2,772,008	2,772,008	2,734,648	2,734,648	56: 2,769,660	2,769,660	2,747,063	2,766,362	2,732,473	2,732,473	2,782,477	2,782,477
300: 2,744,647	2,744,647	2,730,257	2,730,257	57: 2,743,834	2,743,834	2,747,064	2,766,362	2,732,473	2,732,473	2,782,477	2,782,477
302: 2,735,560	2,735,560	2,743,833	2,743,833	58: 2,747,756	2,747,756	2,748,235	2,766,362	2,732,473	2,732,473	2,782,477	2,782,477
2,763,386	2,763,386	2,744,645	2,744,645	59: 2,738,737	2,738,737	2,749,417	2,766,362	2,732,473	2,732,473	2,782,477	2,782,477
2,763,387	2,763,387	2,752,055	2,752,055	60: 2,774,501	2,774,501	2,749,418	2,766,362	2,732,473	2,732,473	2,782,477	2,782,477
304: 2,730,253	2,730,253	2,753,061	2,753,061	61: 2,749,419	2,749,419	2,749,419	2,766,362	2,732,473	2,732,473	2,782,477	2,782,477
2,741,380	2,741,380	2,754,949	2,754,949	62: 2,746,632	2,746,632	2,749,420	2,766,362	2,732,473	2,732,473	2,782,477	2,782,477
2,730,254	2,730,254	2,755,949	2,755,949	63: 2,755,952	2,755,952	2,750,484	2,766,362	2,732,473	2,732,473	2,782,477	2,782,477
2,772,009	2,772,009	2,747,755	2,747,755	64: 2,757,816	2,757,816	2,754,394	2,766,362	2,732,473	2,732,473	2,782,477	2,782,477
307: 2,753,062	2,753,062	2,766,886	2,766,886	65: 2,759,353	2,759,353	2,755,365	2,766,362	2,732,473	2,732,473	2,782,477	2,782,477
308: 2,747,753	2,747,753	2,757,812	2,757,812	66: 2,760,667	2,760,667	2,756,308	2,766,362	2,732,473	2,732,473	2,782,477	2,782,477
309: 2,740,541	2,740,541	2,758,734	2,758,734	67: 2,765,945	2,765,945	2,758,184	2,766,362	2,732,473	2,732,473	2,782,477	2,782,477
2,741,381	2,741,381	2,760,662	2,760,662	68: 2,770,883	2,770,883	2,760,941	2,766,362	2,732,473	2,732,473	2,782,477	2,782,477
2,758,731	2,758,731	2,763,390	2,763,390	69: 2,765,946	2,765,946	2,763,366	2,766,362	2,732,473	2,732,473	2,782,477	2,782,477
2,771,202	2,771,202	2,775,359	2,775,359	70: 2,750,063	2,750,063	2,766,366	2,766,362	2,732,473	2,732,473	2,782,477	2,782,477
311: 2,735,561	2,735,561	2,757,813	2,757,813	71: 2,753,566	2,753,566	2,760,042	2,766,362	2,732,473	2,732,473	2,782,477	2,782,477
313: 2,729,350	2,729,350	2,760,663	2,760,663	72: 2,753,069	2,753,069	2,763,367	2,766,362	2,732,473	2,732,473	2,782,477	2,782,477
2,734,647	2,734,647	2,768,701	2,768,701	73: 2,752,521	2,752,521	2,763,368	2,766,362	2,732,473	2,732,473	2,782,477	2,782,477
2,744,642	2,744,642	2,772,800	2,772,800	74: 2,772,014	2,772,014	2,763,369	2,766,362	2,732,473	2,732,473	2,782,477	2,782,477
2,756,883	2,756,883	2,735,564	2,735,564	75: 2,729,354	2,729,354	2,763,369	2,766,362	2,732,473	2,732,473	2,782,477	2,782,477
314: 2,758,732	2,758,732	2,761,579	2,761,579	76: 2,770,884	2,770,884	2,763,369	2,766,362	2,732,473	2,732,473	2,782,477	2,782,477
315: 2,757,810	2,757,810	2,771,204	2,771,204	77: 2,742,533	2,742,533	2,763,369	2,766,362	2,732,473	2,732,473	2,782,477	2,782,477
317: 2,741,382	2,741,382	2,773,616	2,773,616	78: 2,753,070	2,753,070	2,763,369	2,766,362	2,732,473	2,732,473	2,782,477	2,782,477
2,751,100	2,751,100	2,782,083	2,782,083	79: 2,744,649	2,744,649	2,763,369	2,766,362	2,732,473	2,732,473	2,782,477	2,782,477
2,758,733	2,758,733	2,770,380	2,770,380	80: 2,760,668	2,760,668	2,763,369	2,766,362	2,732,473	2,732,473	2,782,477	2,782,477
332: 2,732,088	2,732,088	2,752,056	2,752,056	81: 2,761,580	2,761,580	2,763,369	2,766,362	2,732,473	2,732,473	2,782,477	2,782,477
333: 2,735,562	2,735,562	2,753,066	2,753,066	82: 2,774,502	2,774,502	2,763,369	2,766,362	2,732,473	2,732,473	2,782,477	2,782,477
334: 2,765,947	2,765,947	2,733,825	2,733,825	83: 2,740,545	2,740,545	2,763,369	2,766,362	2,732,473	2,732,473	2,782,477	2,782,477
351: 2,767,870	2,767,870	2,754,019	2,754,019	84: 2,754,021	2,754,021	2,763,369	2,766,362	2,732,473	2,732,473	2,782,477	2,782,477
353: 2,755,947	2,755,947	2,752,057	2,752,057	85: 2,758,738	2,758,738	2,763,369	2,766,362	2,732,473	2,732,473	2,782,477	2,782,477
359: 2,738,821	2,738,821	2,755,950	2,755,950	86: 2,771,206	2,771,206	2,763,369	2,766,362	2,732,473	2,732,473	2,782,477	2,782,477
373: 2,757,811	2,757,811	2,753,826	2,753,826	87: 2,754,990	2,754,990	2,763,369	2,766,362	2,732,473	2,732,473	2,782,477	2,782,477
2,761,576	2,761,576	2,731,164	2,731,164	88: 2,773,617	2,773,617	2,763,369	2,766,362	2,732,473	2,732,473	2,782,477	2,782,477
380: 2,739,721	2,739,721	2,743,028	2,743,028	89: 2,763,393	2,763,393	2,763,369	2,766,362	2,732,473	2,732,473	2,782,477	2,782,477
381: 2,740,542	2,740,542	2,752,058	2,752,058	90: 2,732,884	2,732,884	2,763,369	2,766,362	2,732,473	2,732,473	2,782,477	2,782,477
384: 2,729,351	2,729,351	2,762,519	2,762,519	91: 2,747,757	2,747,757	2,763,369	2,766,362	2,732,473	2,732,473	2,782,477	2,782,477
2,763,388	2,763,388	2,748,966	2,748,966	92: 2,730,258	2,730,258	2,763,369	2,766,362	2,732,473	2,732,473	2,782,477	2,782,477
390: Re 24,227	Re 24,227	2,770,381	2,770,381	93: 2,756,891	2,756,891	2,763,369	2,766,362	2,732,473	2,732,473	2,782,477	2,782,477
2,773,614	2,773,614	2,774,498	2,774,498	94: 2,767,872	2,767,872	2,763,369	2,766,362	2,732,473	2,732,473	2,782,477	2,782,477
2,775,357	2,775,357	2,735,565	2,735,565	95: 2,765,946	2,765,946	2,763,369	2,766,362	2,732,473	2,732,473	2,782,477	2,782,477
392: 2,748,963	2,748,963	2,775,951	2,775,951	96: 2,754,022	2,754,022	2,763,369	2,766,362	2,732,473	2,732,473	2,782,477	2,782,477
394: 2,772,010	2,772,010	2,774,499	2,774,499	97: 2,755,953	2,755,953	2,763,369	2,766,362	2,732,473	2,732,473	2,782,477	2,782,477
450: 2,746,627	2,746,627	2,738,891	2,738,891	98: 2,753,071	2,753,071	2,763,369	2,766,362	2,732,473	2,732,473	2,782,477	2,782,477
2,746,628	2,746,628	2,741,385	2,741,385	99: 2,741,389	2,741,389	2,763,369	2,766,362	2,732,473	2,732,473	2,782,477	2,782,477
2,753,063	2,753,063	2,742,168	2,742,168	100: 2,754,023	2,754,023	2,763,369	2,766,362	2,732,473	2,732,473	2,782,477	2,782,477
2,765,940	2,765,940	2,744,646	2,744,646	101: 2,748,971	2,748,971	2,763,369	2,766,362	2,732,473	2,732,473	2,782,477	2,782,477
2,772,799	2,772,799	2,745,568	2,745,568	102: 2,751,103	2,751,103	2,763,369	2,766,362	2,732,473	2,732,473	2,782,477	2,782,477
451: 2,775,358	2,775,358	2,745,569	2,745,569	103: 2,751,104	2,751,104	2,763,369	2,766,362	2,732,473	2,732,473	2,782,477	2,782,477
454: 2,734,531	2,734,531	2,746,631	2,746,631	104: 2,753,071	2,753,071	2,763,369	2,766,362	2,732,473	2,732,473	2,782,477	2,782,477
2,755,948	2,755,948	2,753,067	2,753,067	105: 2,767,290	2,767,290	2,763,369	2,766,362	2,732,473	2,732,473	2,782,477	2,782,477



219—	37:	2,752,476	219—	46:	2,744,906	220—	5:	2,761,582	220—	40:	2,765,980	220—	88:	2,770,390	221—	215:	2,756,903
		2,752,477			2,745,942		6:	2,732,967			2,771,110		89:	2,742,179		220:	2,735,581
		2,754,402			2,745,943			2,733,828		41:	2,759,730			2,743,036		221:	2,745,268
		2,754,403			2,745,944			2,735,568			2,771,211			2,743,841		225:	2,747,769
		2,754,404			2,757,273			2,735,569		42:	2,734,654			2,738,749			2,760,679
		2,754,405			2,758,194			2,741,391			2,751,107			2,766,904			2,769,570
		2,761,053			2,759,082			2,743,538			2,765,951		90:	2,732,019		226:	2,751,113
		2,761,054			2,769,892			2,755,955			2,773,302			2,730,266		229:	2,748,979
		2,764,665			2,771,537			2,756,894		43:	2,748,974			2,742,180		232:	2,748,980
		2,765,391			2,773,167			2,760,669			2,759,625			2,745,570			2,775,366
		2,765,392		51:	2,763,768		8:	2,732,091		44:	2,730,264			2,748,977		234:	2,732,975
		2,770,705		59:	2,762,902			2,738,394			2,732,092			2,756,899		238:	2,752,065
		2,771,535		60:	2,766,368			2,763,395			2,732,971			2,767,880		243:	2,743,571
		2,772,340		67:	2,774,857		9:	2,751,106			2,739,751			2,774,510		246:	2,754,030
		2,772,341		69:	2,765,394			2,769,563			2,757,820		91:	2,747,765		251:	2,734,657
		2,773,165			2,766,364		13:	2,769,564			2,760,672		93:	2,769,568			2,738,989
	38:	Re 24,107			2,769,078		15:	2,729,357			2,769,566		95:	2,732,096		271:	2,771,215
		2,730,606			2,773,168			2,750,065			2,770,389			2,741,398		257:	2,765,953
		2,730,607			2,773,968			2,758,741			2,772,018		97:	2,742,181		282:	2,772,023
		2,730,608		73:	2,766,360		16:	2,740,546			2,772,806			2,753,077			2,772,024
		2,734,121		74:	2,768,268			2,746,634			2,775,363			2,758,750	302:	2,771,216	
		2,739,219			2,768,278		17:	2,747,759		45:	2,767,878			2,760,676	222—	1:	2,732,099
		2,739,220			2,768,279		18:	2,730,262		46:	2,733,831			2,765,099			2,742,185
		2,739,221			2,768,280			2,730,263			2,735,575			2,771,218			2,745,572
		2,742,560			2,769,079			2,739,728			2,742,177			2,773,694			2,770,394
		2,742,561			2,770,708			2,746,635			2,743,032			2,774,511			2,734,658
		2,742,562		78:	2,771,538			2,747,760			2,744,651			2,775,364			2,734,659
		2,744,184			2,774,858			2,748,973			2,748,975		104:	2,731,169			2,740,553
		2,745,941		79:	2,771,539			2,754,991			2,750,069		105:	2,746,638			2,746,641
		2,748,249		81:	2,766,369			2,756,895			2,760,673			2,748,978	3:		2,750,071
		2,748,250		83:	2,766,370			2,759,623			2,764,311		110:	2,759,629	4:		2,761,586
		2,748,251		85:	2,762,903			2,770,887			2,772,807		111:	2,772,810	5:		2,733,835
		2,748,252			2,767,307			2,770,388			2,774,508		112:	2,763,398	15:		2,734,660
		2,753,433			2,768,271			2,771,209		47:	2,762,523		113:	2,731,170			2,746,642
		2,754,406			2,771,540			2,772,016		48:	2,772,808			2,732,067	16:		2,734,661
		2,757,270		86:	2,772,345		19:	2,735,570			2,773,622			2,733,832	20:		2,760,680
		2,757,271		97:	2,761,951			2,741,392			2,739,732			2,739,735			2,761,587
		2,761,949			2,770,709			2,752,062			2,742,178			2,741,399			2,765,104
		2,761,950		98:	2,763,755			2,754,024		52:	2,732,093			2,746,639			2,769,571
		2,763,763		99:	2,775,685			2,755,956			2,732,094			2,747,766			2,775,367
		2,763,764		101:	2,761,952			2,756,896			2,734,655			2,747,767	21:		2,772,025
		2,764,666		104:	2,762,904		20:	2,769,565			2,735,576			2,751,110	23:		2,770,395
		2,766,366		108:	2,763,769		20.5:	2,732,908			2,738,895			2,754,028	26:		2,731,171
		2,769,077		109:	2,769,080			2,763,396			2,738,896			2,755,959			2,743,843
		2,769,891		108:	2,769,893			2,768,764			2,741,394			2,755,960			2,767,882
		2,772,342		117:	2,771,541			2,743,030			2,741,395			2,755,961			2,769,572
		2,772,343		120:	2,773,169			2,738,742			2,743,840			2,755,962	28:		2,765,954
		2,772,344			2,761,953			2,754,025			2,744,653			2,755,960	32:		2,759,633
		2,775,682			2,774,859		23:	2,750,066			2,747,764			2,765,100			2,765,955
39:		2,730,609		121:	2,772,346	23.2:		2,729,358			2,750,070			2,770,391	33:		2,739,736
		2,731,541		126:	2,761,954			2,746,636			2,752,064			2,772,020	34:		2,742,186
		2,734,122		127:	2,763,770		23.4:	2,732,969			2,755,957			2,773,625	38:		2,764,315
		2,734,989		130:	2,761,955			2,738,893			2,755,958			2,774,512	39:		2,740,554
		2,735,434			2,761,957			2,743,031			2,738,745		115:	2,755,963			2,774,513
		2,753,435			2,767,302			2,764,309			2,758,746			2,760,677	41:		2,752,066
		2,756,320			2,768,281	24:		2,740,547			2,759,626		118:	2,742,182			2,765,956
		2,760,047			2,769,894			2,742,174			2,759,627			2,755,964	42:		2,750,072
		2,762,900			2,770,710			2,747,761			2,764,312			2,755,965	43:		2,735,582
		2,762,901			2,773,969			2,738,743			2,765,952		221—	1:			2,769,573
		2,764,667		131:	2,763,771			2,765,095			2,767,879			2,770,392			2,771,217
		2,765,393			2,766,361			2,772,804			2,769,567		6:	2,742,183			2,773,626
		2,770,706			2,773,170	24.5:		2,740,548			2,761,583		11:	2,732,098	47:	Re 24,208	
		2,775,683			2,773,970			2,741,393		53:	2,743,033			2,735,578			2,768,767
	40:	Re 24,196		137:	2,764,668			2,742,175			2,735,075			2,746,640	48:		2,740,555
		2,729,737		138:	2,764,669			2,753,074			2,757,821			2,755,102	49:		2,763,399
		2,729,738		150:	2,773,971			2,756,897		55:	2,735,577		25:	2,747,768			2,764,316
		2,748,253		151:	2,768,282			2,773,619			2,743,034			2,771,214	56:		2,763,400
		2,748,254		153:	2,761,958			2,773,620			2,744,654		34:	2,759,630	57:		2,750,073
		2,755,372		154:	2,761,943	25:		2,729,359			2,751,108		35:	2,738,898	59:		2,769,574
		2,757,272		158:	2,765,395			2,735,571			2,760,674		37:	2,769,569	63:		2,754,995
		2,763,765	220—	1:	2,759,620			2,753,572			2,765,066		38:	2,772,021	70:		2,742,187
		2,732,478			2,765,093			2,760,670			2,768,766		44:	2,775,365			2,751,114
		2,740,881		1.5:	2,761,581		26:	2,735,573			2,772,809		46:	2,754,029			2,770,396
		2,749,425		2:	2,756,892			2,735,574		57:	2,734,656		48:	2,730,267			2,772,812
		2,754,407		2.3:	2,730,260			2,740,549		59:	2,741,390		68:	2,740,551	71:		2,769,575
		2,766,367			2,753,073			2,750,067			2,748,976			2,751,584			2,742,188
		2,774,856		3:	2,732,090			2,754,025			2,765,097		67:	2,743,037	73:		2,732,100
43:		2,729,739		3.2:	2,738,892			2,772,805		62:	2,739,733			2,762,524	76:		2,755,966
		2,735,925		2:	2,738,894		27:	2,750,068		63:	2,744,655			2,770,393	77:		2,751,115
		2,749,426			2,751,105			2,760,671			2,746,637		78:	2,754,994			2,754,996
		2,759,091		3.4:	2,769,562			2,772,017			2,754,992		81:	2,758,751	79:		2,731,172
		2,767,299		3.5:	2,757,817		29:	2,739,729			2,758,747		83:	2,766,905			2,739,737
		2,770,707			2,757,818			2,765,948		64:	2,738,897			2,772,022			2,746,643
		2,771,536		3.6:	2,759,621			2,747,762			2,741,397		80:	2,743,842			2,746,644
44:		2,730,610		3.7:	2,730,261	30.5:		2,754,027			2,764,313		82:				

222— 83: 2,759,634 2,771,218 83.5: 2,751,120 86: 2,751,121 86: 2,729,869 86: 2,764,645 92: 2,729,361 2,759,635 2,772,027 2,775,989 93: 2,760,681 2,771,219 94: 2,750,075 2,766,907 95: 2,743,038 2,744,658 2,753,081 2,762,525 2,772,028 96: 2,755,967 2,748,981 2,756,904 99: 2,754,031 100: 2,742,189 2,742,190 2,747,772 2,769,577 2,771,220 2,775,370 102: 2,759,636 103: 2,759,636 2,763,403 2,766,908 2,767,883 105: 2,766,909 107: 2,753,857 2,769,578 2,773,627 108: 2,748,982 2,752,068 109: 2,763,404 2,764,317 111: 2,742,159 2,743,844 2,763,403 2,771,221 112: 2,743,039 113: 2,746,646 114: 2,738,900 115: 2,762,526 117: 2,743,845 2,762,527 121: 2,755,968 123: 2,732,730 125: 2,744,659 128: 2,755,969 129: 2,735,886 2,753,082 2,754,998 129.1: 2,750,076 2,764,999 129.2: 2,766,910 129.4: 2,755,000 130: 2,741,400 2,742,191 2,746,647 131: 2,732,977 132: 2,762,528 133: 2,739,738 2,740,556 2,743,847 134: 2,738,752 2,750,077 2,750,078 2,759,637 136: 2,741,401 2,746,648 139: 2,742,192 2,765,957 142: 2,733,838 2,780,082 142.1: 2,734,063 2,735,584 2,753,083 2,773,628 142.2: 2,753,084 142.4: 2,743,040 2,748,983 142.8: 2,743,041 2,764,649 142.9: 2,774,514 143: 2,760,683 146: 2,744,660 2,756,905 2,759,638 148: 2,742,193 2,748,984 2,748,985 2,750,079 2,761,588 2,766,911 149: 2,751,122	222— 150: 2,765,958 151: 2,758,753 153: 2,745,573 155: 2,750,080 2,757,823 2,758,754 161: 2,729,362 162: 2,762,529 165: 2,735,001 167: 2,755,970 168: 2,762,530 2,767,884 2,775,371 168.5: 2,770,997 171: 2,771,222 173: 2,743,848 174: 2,733,839 175: 2,767,883 176: 2,734,064 2,740,527 2,751,123 2,767,886 2,769,579 177: 2,742,189 2,738,901 2,746,650 2,748,980 2,753,085 2,753,086 2,760,681 2,760,685 2,761,580 2,762,531 2,767,887 178: 2,760,680 179: 2,751,123 2,772,029 180: 2,760,687 181: 2,760,688 2,765,959 182: 2,765,960 2,767,888 2,775,372 183: 2,775,372 184: 2,753,087 2,764,318 185: 2,765,961 2,768,769 2,772,815 2,774,515 189: 2,729,363 2,740,559 2,744,661 2,744,662 2,745,574 2,748,987 2,755,971 2,772,816 190: 2,747,773 191: 2,743,043 192: 2,762,532 193: 2,730,269 195: 2,733,840 2,766,912 2,774,516 196.2: 2,762,533 197: 2,742,194 203: 2,756,906 205: 2,730,270 2,774,517 207: 2,734,665 2,744,663 2,748,988 2,772,817 208: 2,742,195 209: 2,757,824 2,774,518 210: 2,771,224 211: 2,729,367 2,755,972 2,761,590 2,763,404 2,770,399 213: 2,746,651 2,758,755 215: 2,732,978 2,741,402 2,753,088 2,764,319 222: 2,770,400 226: 2,764,320 2,773,629 227: 2,731,173 2,742,196 2,753,088 230: 2,741,403 232: 2,755,002 238: 2,735,585 2,743,850 2,748,989	222— 242: 2,764,321 2,772,030 243: 2,739,739 246: 2,731,174 249: 2,742,197 250: 2,731,175 2,734,666 2,756,907 253: 2,738,902 255: 2,734,667 2,752,070 2,764,322 2,765,962 2,768,963 2,771,225 256: 2,773,630 260: 2,735,586 267: 2,740,560 270: 2,738,756 276: 2,768,770 277: 2,752,071 284: 2,767,889 287: 2,742,198 294: 2,757,825 305: 2,729,365 308: 2,740,559 2,748,984 2,758,757 2,760,689 309: 2,752,072 310: 2,760,690 311: 2,774,519 2,745,043 2,754,032 318: 2,739,659 320: 2,732,101 2,763,405 322: 2,730,271 323: 2,743,044 324: 2,735,588 2,772,031 326: 2,731,176 2,744,664 2,752,073 327: 2,752,074 2,754,033 2,759,640 327: 2,732,102 2,745,575 2,755,003 2,758,758 330: 2,732,103 2,772,032 333: 2,738,903 334: 2,752,075 335: 2,732,104 2,741,404 2,754,034 701,991 339: 2,770,401 340: 2,765,964 2,772,033 341: 2,772,034 342: 2,742,199 362: 2,729,366 2,730,272 2,775,373 363: 2,764,323 368: 2,772,818 370: 2,742,200 2,761,592 373: 2,748,990 385: 2,733,841 2,746,652 386: 2,738,904 2,751,126 2,767,890 386.5: 2,732,105 2,735,589 2,751,127 2,762,534 387: 2,738,905 2,748,991 394: 2,729,367 2,739,368 2,729,369 2,743,842 2,753,590 2,741,405 2,744,665 2,750,081 2,755,973 2,765,908 2,757,826 2,761,593 2,761,594 2,763,406 2,763,407 2,765,963 2,768,913 2,766,914 2,766,915 2,768,771 2,772,035 2,772,819	222— 394: 2,772,820 2,774,520 395: 2,747,774 397: 2,769,580 399: 2,774,521 400.7: 2,747,775 2,770,402 401: 2,771,226 402: 2,748,992 403: 2,755,991 409: 2,740,561 410: 2,740,562 415: 2,748,993 416: 2,755,994 420: 2,739,740 424.5: 2,770,403 427: 2,732,980 430: 2,773,631 434: 2,760,692 436: 2,763,408 437: 2,761,595 440: 2,742,201 2,746,640 442: 2,759,641 444: 2,761,596 447: 2,751,128 448: 2,738,904 2,770,404 449: 2,753,592 2,748,995 454: 2,760,693 455: 2,738,906 2,739,741 2,750,082 2,752,076 2,768,772 2,768,581 2,771,227 456: 2,747,776 457: 2,772,036 459: 2,743,852 459: 2,756,909 464: 2,740,563 465: 2,748,996 467: 2,748,997 474: 2,751,129 477: 2,745,576 2,753,090 479: 2,739,642 480: 2,745,577 481: 2,772,037 481.5: 2,771,228 482: 2,750,083 2,755,997 484: 2,770,405 2,756,910 2,771,229 485: 2,740,564 2,762,535 2,768,773 2,772,038 486: 2,755,376 490: 2,730,274 2,738,905 493: 2,738,907 2,750,084 491: 2,753,091 494: 2,743,852 2,755,974 496: 2,757,828 498: 2,755,975 2,755,976 500: 2,746,653 501: 2,754,035 2,764,324 503: 2,734,668 504: 2,739,742 505: 2,731,177 508: 2,746,654 509: 2,746,655 510: 2,751,130 510: 2,765,105 513: 2,769,582 517: 2,741,406 2,747,777 519: 2,762,536 520: 2,772,821 2,772,822 521: 2,759,643 525: 2,761,597 2,773,632 2,774,523 527: 2,752,077 2,757,829 2,772,823 528: 2,750,085 2,757,830 531: 2,735,593 537: 2,762,537 539: 2,757,831 541: 2,742,202 2,761,598 2,763,409 2,769,583	222— 542: 2,762,538 545: 2,744,666 2,753,092 2,758,759 548: 2,754,039 561: 2,732,106 2,732,107 2,746,656 562: 2,751,131 564: 2,732,108 566: 2,732,109 2,760,691 567: 2,731,178 2,739,749 2,774,524 569: 2,762,539 570: 2,764,325 2,765,966 2,767,891 575: 2,742,203 1: 2,742,204 2: 2,741,407 23: 2,752,078 30: 2,758,760 2,769,584 32: 2,774,525 37: 2,758,761 2,760,694 2,760,695 42: 2,733,844 2,760,696 2,760,697 46: 2,775,377 48: 2,762,540 49: 2,742,205 52.1: 2,732,988 2,768,774 2,769,585 57: 2,743,853 2,748,984 2,763,410 2,757,833 66: 2,730,275 2,755,004 67: 2,730,276 2,740,565 68: 2,745,578 2,748,999 2,756,911 69: 2,760,697 70: 2,735,595 2,740,566 71: 2,743,045 2,755,106 2,767,892 72: 2,739,743 2,729,370 2,742,206 2,746,660 2,760,698 2,772,039 74: 2,759,645 83: 2,742,207 2,770,405 84: 2,740,567 85: 2,743,855 88: 2,741,408 2,742,208 2,750,086 2,750,087 2,757,835 89: 2,729,371 2,738,908 2,754,037 2,774,526 91: 2,742,209 2,765,967 2,775,378 92: 2,761,599 2,766,916 94: 2,745,579 2,754,038 2,754,039 2,757,836 2,757,837 2,759,744 2,753,093 2,766,917 2,769,586 761,775,379 96: 2,772,040 98: 2,739,745 2,774,527 99: 2,747,778 2,757,837 100: 2,775,380 102: 2,729,372 2,748,986 2,741,409 103: 2,763,410 105: 2,762,541 109: 2,754,040 110: 2,739,749 2,740,570	223— 110: 2,767,893 111: 2,741,410 1: 2,750,088 2,764,326 2: 2,739,749 2,758,762 2,765,107 2,765,968 3: 2,743,856 4: 2,730,277 2,740,569 2,743,857 2,745,580 2,747,779 2,751,132 2,758,763 2,761,600 2,765,108 5: 2,732,110 2,733,845 2,735,596 2,738,909 2,741,411 2,742,210 2,742,211 2,753,094 2,756,912 2,760,698 2,765,109 6: 2,742,212 7: 2,731,180 2,734,071 2,760,700 8: 2,764,327 15: 2,756,913 17: 2,732,111 2,739,746 21: 2,763,411 26: 2,758,768 2,765,110 28: 2,746,658 2,749,000 29: 2,735,597 2,744,667 2,745,581 2,754,014 36: 2,767,894 42.03: 2,729,373 2,742,213 2,754,014 42.07: 2,746,659 42.1: 2,731,181 2,738,846 2,746,660 2,752,079 2,753,095 2,754,041 2,763,412 2,771,231 2,772,824 2,772,825 2,775,381 42.11: 2,739,747 42.21: 2,733,847 2,764,330 42.23: 2,757,838 42.24: 2,772,826 42.42: 2,747,780 2,767,895 2,767,896 42.44: 2,772,041 2,739,748 2,746,661 2,747,781 42.45: 2,764,332 42.46: 2,763,413 45: 2,730,278 2,743,046 2,755,974 2,763,414 48: 2,732,983 2,752,080 2,771,232 55: 2,744,668 2,759,647 2,729,375 18: 2,731,183 19: 2,732,985 2,739,749 2,740,570
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226—	19:	2,740,571	226—	111:	2,732,117	229—	14:	2,749,013	229—	37:	2,739,732	229—	72:	2,749,021	230—	122:	2,762,560
		2,744,700		113:	2,735,601			2,753,001			2,758,780		73:	2,759,638			2,763,427
		2,749,001		115:	2,731,186			2,755,012			2,759,854			2,760,717	127:		2,745,054
		2,755,005			2,733,850			2,756,919			2,761,611			2,775,396			2,744,679
		2,757,839			2,743,047			2,762,850			2,769,889			2,767,902	128:		2,755,989
		2,759,646			2,754,043			2,769,921			2,732,122			2,745,595			2,760,719
20:		2,732,986			2,756,917		15:	2,739,751			2,762,552			2,756,923		130:	2,759,662
20.1:		2,743,048		116:	2,729,381			2,740,575			2,764,337			2,770,412		132:	2,733,006
		2,749,002			2,746,663			2,743,050			2,775,392			2,749,022			2,744,680
		2,757,840		125:	2,731,187			2,745,387			2,732,123			2,750,102		133:	2,770,413
20.2:		2,753,096			2,747,783			2,757,849			2,732,996			2,733,998		134:	2,739,577
20.4:		2,730,280		127:	2,729,382			2,738,773			2,747,786			2,745,596			2,745,597
		2,744,671			2,745,585			2,738,774			2,740,016			2,753,107			2,749,028
		2,745,582			2,758,768			2,765,971			2,749,017			2,755,986			2,749,029
		2,751,133		128:	2,761,333			2,771,234			2,757,853			2,761,614			2,750,103
		2,752,081		129:	2,735,602			2,775,387			2,760,709			2,768,779			2,759,663
20.6:		2,761,601			2,738,912		16:	2,740,576			2,747,787			2,771,238			2,767,906
20.8:		2,759,647		129—	2,739,751			2,753,102			2,762,553			2,773,637			2,771,240
24:		2,738,910			2,760,705			2,758,651		41:	2,729,386			2,775,397			2,771,241
		2,742,214		27:	2,741,412			2,761,608			2,733,852		92:	2,773,638		141:	2,754,050
		2,743,868			2,753,100		17:	2,730,289			2,741,416			2,768,780		143:	2,755,990
		2,760,701			2,758,769			2,730,288			2,749,018		92.3:	2,756,924		145:	2,732,126
31:		2,732,082	228—	2:	2,732,118			2,730,290			2,759,655		93:	2,756,924		148:	2,738,854
36:		2,754,042		9:	2,732,992			2,731,188			2,772,042	230—	4:	2,741,421		149:	2,765,114
39.6:		2,738,911		14:	2,742,216			2,742,220			2,775,393		9:	2,743,015		149:	2,770,414
		2,761,602			2,749,008			2,745,588		42:	2,738,917		11:	2,757,850		152:	2,759,664
		2,762,543			2,767,897			2,750,095			2,759,753		20:	2,752,087		153:	2,774,532
41:		2,732,987		18:	2,760,706			2,750,096			2,741,417		21:	2,731,192		162:	2,732,127
46.2:		2,755,006		19.2:	2,749,009			2,751,136		43:	2,761,615		21:	2,761,615		169:	2,775,401
46.3:		2,729,376		30:	2,743,861			2,751,137			2,746,669		22:	2,755,987		172:	2,731,185
46.4:		2,755,979		34:	2,742,217			2,757,850			2,756,921		23:	2,768,781			2,751,146
46.5:		2,744,672			2,744,674			2,760,708			2,759,656		24:	2,730,296		182:	2,760,708
46.6:		2,747,782		37:	2,774,528			2,763,421			2,770,411			2,751,143		188:	2,729,388
48:		2,733,848		40:	2,735,603			2,766,922			2,772,043			2,763,425		206:	2,735,613
49:		2,751,134		43:	2,763,420			2,770,408		44:	2,760,710		30:	2,761,616			2,741,424
		2,753,097		45:	2,746,664			2,775,388			2,735,610		46:	2,772,828			2,760,720
51:		2,732,988			2,760,707		19:	2,755,982			2,744,676		47:	2,754,048			2,766,929
56:		2,730,281		48:	2,738,913		21:	2,753,983			2,762,554			2,759,659		207:	2,739,758
		2,730,282		50:	2,765,970		23:	Re 24,220			2,764,338		49:	2,744,677			2,757,858
		2,757,841			2,755,981			2,739,384		45:	2,741,419		52:	2,772,830		208:	2,772,830
59:		2,731,184		51:	2,757,847			2,730,291			2,747,788		55:	2,732,124		211:	2,733,001
		2,732,989		55:	2,758,770			2,731,180			2,749,019			2,743,052			2,772,831
		2,742,215		60:	2,755,009			2,732,993			2,754,046			2,747,789		232:	2,741,425
		2,745,583			2,753,101			2,734,676			2,758,781		56:	2,738,918			2,764,342
		2,750,090		61:	2,767,898			2,745,589			2,760,710			2,746,670			2,772,047
		2,757,842		64:	2,743,049			2,745,590			2,768,778			2,755,988		235:	2,751,151
		2,758,764	229—	1.5:	2,745,586			2,746,668			2,771,236			2,775,398			2,753,109
		2,758,765			2,749,010			2,750,097		46:	2,760,711		58:	2,738,919			2,759,665
61:		2,759,648			2,755,011			2,757,851			2,771,237			2,740,578		256:	2,746,673
68:		2,752,083			2,758,771			2,768,775		47:	2,741,419			2,751,145		257:	2,742,225
		2,758,766		2.5:	2,732,119			2,758,776			2,751,139			2,752,088		259:	2,729,380
		2,760,702			2,738,914			2,761,609			2,745,591		69:	2,753,108			2,733,002
69:		2,753,088			2,738,915			2,762,551			2,745,592			2,755,014			2,745,598
		2,767,843			2,739,750			2,765,112		51:	2,745,592			2,759,660			2,746,674
		2,761,604			2,747,784			2,766,923			2,750,101			2,760,710			2,747,781
71:		2,732,113			2,752,084			2,769,923			2,753,104			2,762,537			2,750,104
72:		2,730,283			2,756,918			2,771,235			2,753,105			2,764,340			2,765,977
		2,753,007			2,758,772			2,771,236			2,754,047			2,765,928			2,768,782
		2,758,767			2,759,650		27:	2,775,389			2,759,657		83:	2,734,678		273:	2,747,792
75:		2,729,377			2,762,548			2,749,013			2,760,712			2,763,426		274:	2,742,226
		2,732,114			2,762,548			2,750,098			2,760,713		85:	2,775,399		275:	2,733,003
		2,732,115			2,762,549			2,750,099			2,760,714		95:	2,759,661		231—	2,733,003
		2,733,849			2,763,421			2,758,777			2,772,044			2,772,829		232—	2,733,003
82:		2,735,600			2,766,919			2,763,422		28:	Re 24,223		101:	2,734,679		5:	2,729,391
82.2:		2,729,378		3.1:	2,754,044			2,765,113			2,773,684			2,734,683		7:	2,729,391
84:		2,732,116		3.5:	2,763,422			2,750,099			2,775,394		114:	2,734,679		15:	2,746,675
		2,732,980			2,766,920			2,755,984			2,775,395			2,741,423		16:	2,749,030
88:		2,731,185			2,770,406			2,759,652		52:	2,730,294			2,754,049		20:	2,733,004
		2,732,991			2,773,383			2,765,972			2,741,420			2,762,559		19:	2,750,105
88.1:		2,734,673		5.5:	2,735,604			2,766,924			2,760,715			2,763,426		35:	2,760,721
		2,734,674			2,750,097			2,775,390			2,760,716			2,767,905			2,760,720
		2,750,091			2,753,093			2,775,391			2,762,555		115:	2,732,125		43.2:	2,757,859
93:		2,763,416			2,775,384			2,775,391			2,762,556		116:	2,738,920		44:	2,734,680
		2,743,860		5.6:	2,750,094			2,775,392			2,766,925			2,739,756			2,750,106
		2,749,004			2,757,848			2,775,393			2,767,901			2,749,023			2,774,533
95:		2,749,005			2,767,899			2,775,394			2,772,045			2,757,857		233—	2,733,005
		2,753,099		6:	2,729,383			2,775,395			2,773,635			2,770,417			2,750,107
		2,757,844			2,734,675			2,775,396			2,773,636			2,775,400		3:	2,730,299
		2,763,417			2,742,218			2,775,397			2,773,637			2,775,401			2,733,006
		2,763,418			2,749,011			2,775,398			2,773,638		117:	2,731,193		7:	2,738,856
96:		2,734,584		7:	2,735,605			2,775,399			2,773,639			2,731,194			2,744,681
		2,750,092			2,738,916			2,775,400			2,773,640			2,735,611			2,740,580
		2,755,008			2,740,573			2,775,401			2,773,641			2,740,579			2,743,864
		2,760,703			2,741,413			2,775,402			2,773,642			2,742,223			2,743,865
		2,762,545			2,746,665			2,775,403									

233—	29: 2,752,090	235—	61: 2,767,008	235—	91: 2,767,920	236—	34: 2,735,619	240—	1.2: 2,750,488	240—	10: 2,750,095
	41: 2,738,923		2,767,909		2,769,594		2,735,620		2,752,478		2,759,096
235—	1: 2,744,681		2,767,910		2,767,418		2,750,117		2,752,479		2,760,052
	2,753,110		2,767,911		2,731,201		2,759,673		2,762,905		2,769,081
	2,759,666		2,767,912		2,731,202		2,760,724		2,764,670		2,771,543
5:	2,749,032		2,767,913		2,731,203		2,755,983		2,764,671		2,773,173
6:	2,741,426		2,767,914		2,733,008		2,765,984		2,773,171		2,741,693
	2,759,667		2,767,915		2,734,684		2,769,597		2,773,172	10.1:	2,741,684
31:	2,740,581		2,767,916		2,741,433		2,774,540		2,773,173	10.6:	2,740,893
76:	2,750,108		2,768,784		2,774,685	34.5:	2,735,621	1.3:	2,745,945		2,751,490
58:	2,731,196		2,768,785		2,750,114		2,754,062		2,745,946		2,779,896
	2,767,907		2,769,590		2,754,059	35.2:	2,751,154		2,747,067	10.63:	2,744,188
	2,772,048		2,769,591		2,756,934		2,746,684		2,750,489		2,753,443
60:	2,731,197		2,769,592		2,758,790		2,754,068		2,754,068		2,761,965
	2,733,858		2,770,415		2,763,432		2,757,247		2,757,247	10.65:	2,739,229
	2,733,859		2,770,416		2,764,349	45:	2,742,231		2,758,196		2,748,258
	2,740,582		2,770,417		2,767,921		2,743,055		2,760,048		2,762,907
	2,744,682		2,771,243		2,769,595	46:	2,744,688		2,763,732		2,772,349
	2,753,111		2,771,244		2,773,648		2,751,155		2,766,371	10.66:	2,729,740
	2,754,052		2,772,049		2,774,534		2,768,792	2:	2,734,123		2,775,688
	2,757,861		2,772,050		2,774,535		2,733,012		2,740,037	10.68:	2,731,545
60.12:	2,771,242		2,773,641		2,742,229		2,743,870		2,743,351		2,744,189
60.28:	2,747,794		2,773,642	95:	2,766,935		2,743,871		2,744,185	11.2:	2,732,482
	2,758,785		2,775,402		2,772,832		2,774,541		2,747,072		2,749,433
60.31:	2,749,033		2,775,403	97:	2,775,406		2,749,040		2,749,428		2,770,715
	2,756,926		2,775,404	98:	2,730,301		2,753,119		2,749,429	11.3:	2,747,078
	2,760,722	61.11:	2,731,200		2,731,204		2,746,683		2,749,430	11.4:	2,748,259
60.4:	2,757,862		2,743,808		2,751,151		2,757,870		2,751,488		2,760,053
60.42:	2,755,019		2,750,113		2,765,118		2,749,045		2,753,438	16:	2,748,260
60.47:	2,729,392		2,755,023	101:	2,731,205		2,749,046		2,756,323	24:	2,731,546
	2,746,676		2,755,996	103.8:	2,746,683		2,764,353		2,758,195	25:	2,732,483
60.48:	2,753,953		2,757,865	113:	2,751,151	68:	2,729,396		2,759,063	28:	2,733,334
	2,762,961		2,757,866	123:	2,733,009		2,761,629		2,759,064		2,768,226
60.51:	2,765,980		2,759,670		2,768,787		2,764,354		2,760,049	26:	2,757,276
61:	2,730,300		2,761,624	124:	2,732,131		2,764,355		2,766,372	37:	2,774,861
	2,731,198		2,763,431	125:	2,732,131		2,765,985		2,766,373		2,774,862
	2,732,128		2,764,645	130:	2,729,399	69:	2,755,996		2,772,347	37.1:	2,732,928
	2,733,004	61.12:	2,735,617		2,731,206		2,765,986		2,772,348		2,750,490
	2,733,005		2,775,405		2,749,040	78:	2,730,304		2,773,972	41:	2,733,335
	2,733,606	61.5:	2,733,006	132:	2,730,302		2,732,132		2,775,696		2,734,994
	2,733,861		2,745,600		2,749,041		2,765,119	2.1:	2,745,946		2,739,227
	2,734,682		2,747,798		2,759,672	92:	2,731,207		2,761,056		2,749,434
	2,735,615		2,749,039		2,762,567		2,733,865		2,770,711		2,750,491
	2,735,616		2,754,058		2,764,350		2,740,586		2,770,712		2,752,481
	2,738,924		2,762,565		2,764,351		2,743,872		2,775,687		2,757,277
	2,738,925		2,766,934		2,766,936		2,747,802	2.13:	2,732,480		2,762,908
	2,740,583		2,767,917	134:	2,774,536		2,755,025		2,760,050		2,769,082
	2,740,584		2,773,643	136:	2,730,303		2,756,936		2,765,996	41.3:	2,739,228
	2,741,427	61.6:	2,733,862		2,749,042		2,759,674		2,767,303		2,767,305
	2,741,428		2,741,429		2,760,723		2,771,248	2.18:	2,740,583		2,767,306
	2,742,227		2,741,430	138:	2,733,863	93:	2,763,433	3.1:	2,761,059		2,770,716
	2,743,867		2,743,055	139:	2,743,116		2,746,686		4: 2,732,481	41.35:	2,755,374
	2,744,683		2,746,679		2,747,537		2,757,871		4: 2,735,927	41.5:	2,738,336
	2,745,599		2,746,680	140:	2,744,686	96:	2,744,689		2,744,186		2,768,228
	2,746,677		2,746,681	144:	2,733,010	102:	2,749,047		2,744,997	41.55:	2,734,128
	2,746,678		2,750,111		2,733,011		2,738,927		2,754,409	46.13:	2,763,929
	2,747,795		2,755,022		2,769,596	237—	2,740,587		2,773,973	46.53:	2,768,284
	2,747,796		2,756,931	145:	2,753,117		2,742,232	4.2:	2,731,543	46.59:	2,734,129
	2,747,797		2,757,864		2,756,935		2,730,305	5:	2,758,197	51:	2,739,229
	2,749,034		2,761,622		2,768,788		2,760,725	6.4:	2,745,947	51.11:	2,732,484
	2,749,035		2,764,345		2,770,419		2,749,048		2,751,489		2,734,995
	2,749,036		2,764,346	146:	2,764,352		2,749,049		2,756,324		2,740,885
	2,749,037	61.7:	2,772,051	236—	1: 2,747,799		2,751,156		2,761,057		2,741,694
	2,749,038		2,731,199		2,747,800		2,753,120	6.41:	2,764,372		2,744,193
	2,750,109		2,750,112		2,751,152	9:	2,742,233	6.42:	2,734,124		2,753,444
	2,750,110		2,753,113		2,752,094	12.3:	2,732,133	6.43:	2,763,773		2,761,058
	2,751,148		2,759,669		2,754,060		2,749,050	6.45:	2,774,500		2,765,397
	2,752,091		2,761,623		2,759,675		2,762,570	6.46:	2,773,974	51.12:	2,732,485
	2,752,092		2,765,982	9:	2,751,153		2,760,726		2,773,975		2,769,083
	2,752,093		2,773,644		2,758,791		2,752,095		2,731,544	52:	2,763,774
	2,753,112	61.8:	2,755,995		2,767,922		2,764,356		2,734,992	52.15:	2,743,353
	2,754,053	61.9:	2,741,431		2,767,923		2,764,357		2,739,223		2,747,079
	2,754,054	62:	2,732,129	12:	2,742,230	60:	2,738,928		2,743,352	52.3:	2,734,996
	2,754,055		2,734,683		2,747,801		2,735,622		2,744,998	54:	2,730,612
	2,754,056		2,745,601		2,752,095		2,741,434		2,748,255		2,735,930
	2,754,057		2,753,114		2,753,118		2,742,234		2,748,256		2,735,931
	2,755,020		2,755,982		2,754,061		2,772,884		2,760,051		2,745,060
	2,755,021	63:	2,738,926		2,758,792		2,735,623		2,762,906	59:	2,765,398
	2,755,994		2,755,997		2,767,924		2,743,057		2,764,373	61.12:	2,732,486
	2,756,927		2,758,789		2,768,790		2,765,120		2,770,713	61.6:	2,734,997
	2,756,928		2,759,671		2,768,791	238—	2,744,690	7.5:	2,740,038	61.9:	2,754,111
	2,756,929		2,764,347		2,768,791		2,744,690	7.7:	2,742,564		2,773,975
	2,756,930		2,773,646		2,772,833	14.15:	2,743,873	8.1:	2,744,999	67:	2,748,261
	2,757,863	64.7:	2,735,618		2,774,538		2,750,118		2,753,439	71:	2,750,492
	2,758,786		2,767,918	13:	2,729,394		2,754,064		2,770,714	73:	2,757,278
	2,758,787	70:	2,744,682		2,745,602		2,745,602		2,771,542		2,764,374
	2,758,788		2,764,348		2,757,868	225:	2,759,676	8.18:	2,744,187		2,782,425
	2,759,689		2,764,349	15:	2,744,687		2,766,938		2,755,373		2,741,695
	2,761,619	74:	2,771,245		2,762,568	232:	2,738,929	8.2:	2,752,480		2,744,091
	2,761,620	79:	2,733,007		2,766,937	244:	2,754,065		2,767,304	61.9:	2,745,001
	2,761,621		2,742,228		2,770,420		2,764,358	8.22:	2,738,224		2,753,445
	2,762,562		2,744,684	20:	2,757,869		2,774,542		2,734,125		2,756,325
	2,762,563		2,756,933		2,758,793		2,746,687		2,749,431		2,767,307
	2,762,564		2,768,786		2,762,569	281:	2,730,306		2,757,275		2,771,544
	2,763,430	79.5:	2,741,432		2,767,925	283:	2,734,058	9:	2,734,126		2,773,976
	2,764,343	82:	2,773,647	21:	2,749,043		2,770,421		2,734,127	81:	2,731,547
	2,764,344	84:	2,767,919		2,750,115		2,732,134		2,740,883		2,732,487
	2,765,115		2,772,052		2,750,116		2,733,013		2,753,440		2,734,998
	2,765,116	86:	2,753,998		2,773,649	314:	2,754,069	10:	2,743,993		2,740,039
	2,765,117	88:	2,768,783		2,774,539	327:	2,750,119		2,745,948		2,744,192
	2,765,981	90:	2,740,585	24.5:	2,743,609		2,765,987		2,748,256		2,745,949
	2,766,931		2,755,024	26:	2,745,603	349:	2,772,835	</			



240—	81:	2,754,412	241—	186:	2,768,794	242—	54:	2,746,690	242—	75:	2,765,126	242—	124:	2,744,695	244—	31:	2,771,256
		2,765,399		189:	2,767,929		54.4:	2,757,876			2,765,989		125:	2,763,444		35:	2,775,419
		2,767,308		190:	2,738,932		55:	2,730,309			2,775,414		128:	2,739,966		38:	2,768,800
		2,769,889		191:	2,747,803			2,731,211			2,775,415			2,752,108		40:	2,740,596
83:		2,769,899		197:	2,750,124			2,732,444		76:	2,735,630			2,772,840		42:	2,769,602
90:		2,762,909			2,732,098			2,733,871			2,741,440			2,774,548	41:	2,739,770	
93:		2,732,488			2,763,439			2,734,690			2,757,879		130:	Re.24,207	42:	2,730,313	
		2,756,326		221:	2,752,099			2,741,439			2,760,735			2,755,037		2,734,700	
99:		2,734,999		222:	2,734,688			2,742,239			2,766,949			2,761,632		2,744,698	
102:		2,749,435			2,754,068			2,743,064			2,766,950			2,762,582		2,755,098	
103:		2,758,198		232:	2,741,544			2,743,878			2,771,252			2,774,549		2,772,058	
		2,758,199		245:	2,763,440			2,745,604		77:	2,756,005		131:	2,749,244		2,774,555	
		2,762,910		257:	2,730,308			2,745,605		78:	2,731,213		138:	2,756,946	43:	2,734,701	
		2,762,911			2,766,944			2,746,691			2,733,023		139:	2,733,877		2,743,072	
106:		2,748,263		262:	2,751,158			2,754,069			2,739,763			2,735,631		2,743,887	
		2,738,209		264:	2,738,933			2,755,028			2,744,692		147:	2,741,443		2,743,888	
106.1:		2,762,912		269:	2,751,159			2,755,029			2,756,941			2,762,583		2,762,110	
108:		2,732,489		270:	2,735,627			2,755,030			2,756,942		149:	2,745,609	44:	2,740,597	
		2,740,886		275:	2,757,872			2,759,677			2,757,880			2,750,130		2,749,600	
		2,752,482		276:	2,741,435			2,768,795			2,762,578		150:	2,733,025		2,763,448	
		2,765,400		285:	2,756,002			2,772,838			2,775,416			2,735,632	45:	2,747,816	
128:		2,735,000		286:	2,747,804			2,775,407		79:	2,743,066			2,745,610	46:	2,741,444	
		2,745,002		291:	2,758,794		55.1:	2,742,240			2,765,033			2,751,166		2,774,556	
		2,753,446		299:	2,770,423			2,756,939			2,766,944			2,758,802	48:	2,731,216	
138:		2,759,097	242—	1:	2,756,003		55.2:	2,747,807			2,767,932			2,764,366	50:	2,732,151	
148:		2,770,718			2,770,424			2,749,056			2,767,933			2,771,254		2,745,612	
3:		2,749,051			2,757,873			2,751,162		80:	2,747,810		151:	2,756,947		2,746,698	
4:		2,743,059			2,758,795			2,752,106		84.1:	2,744,693		154:	2,743,069		2,747,817	
5:		2,763,434			2,758,796			2,775,408			2,747,811			2,754,071		2,747,818	
9:		2,742,235			2,761,629		55.3:	2,733,017			2,751,165			2,774,550		2,756,949	
14:		2,765,988			2,763,441			2,758,800			2,756,944			2,774,551		2,739,887	
15:		2,764,359			2,773,651			2,761,631			2,762,579		155:	2,738,937		2,762,585	
		2,767,926		7:	2,732,139			2,767,930			2,771,253			2,764,367		2,765,449	
17:		2,735,624			2,741,436			2,767,931		84.4:	2,732,147			2,768,796	52:	2,758,805	
		2,752,097			2,758,797		55.4:	2,738,934			2,734,693		156:	2,739,767		2,765,993	
18:		2,735,625			2,760,731		55.5:	2,730,310			2,745,607			2,757,882	53:	2,755,400	
19:		2,766,939		9:	2,742,238			2,732,144			2,746,694			2,766,948	57:	2,752,111	
21:		2,766,940			2,761,630			2,742,241			2,773,654			2,768,797	63:	2,729,406	
22:		2,763,435			2,765,124			2,750,126			2,773,655			2,768,798		2,734,702	
24:		2,729,397			2,771,250			2,751,163			2,774,545		157:	2,738,938		2,741,445	
		2,762,571			2,772,837			2,756,004			2,775,417			2,743,070		2,756,950	
27:		2,750,120		11:	2,749,054		56:	2,740,592		84.5:	2,731,212			2,744,696		2,759,888	
30:		2,766,941		13:	2,732,140			2,769,600			2,748,067			2,747,815		2,771,257	
31:		2,749,052		18:	2,740,589		58:	2,738,935			2,746,695			2,763,445		2,774,557	
		2,763,436			2,743,061			2,772,055			2,768,799			2,765,994	64:	2,757,886	
32:		2,743,874			2,743,062		65:	2,745,606			2,749,058		158:	2,740,593	65:	2,760,738	
32.5:		2,750,121			2,747,805			2,747,808			2,753,129			2,757,883	74:	2,735,633	
		2,750,122			2,752,100		66:	2,733,018			2,754,070			2,757,884	75:	2,756,951	
		2,753,121			2,753,124			2,733,019			2,760,736			2,767,937	76:	2,742,245	
		2,761,626			2,753,125			2,743,065			2,765,990		159:	2,734,696		2,745,613	
		2,767,927			2,772,054			2,743,879			2,767,934			2,746,696		2,773,659	
34:		2,764,360		19:	2,730,308			2,750,127			2,767,935			2,764,368	77:	2,731,217	
35:		2,753,122			2,732,141			2,751,164			2,772,839			2,767,938		2,738,979	
36:		2,742,236			2,747,806			2,759,678			2,774,546		161:	2,757,885		2,734,703	
38:		2,751,157		22:	2,733,887			2,775,410		84.6:	2,758,801		243—	1:	2,773,658		2,745,614
39:		2,735,626			2,733,888		68:	2,733,020			2,766,956			2,763,447		2,751,169	
		2,753,123			2,735,629			2,757,877		86:	2,753,024			2,767,939		2,756,009	
		2,763,437			2,744,691			2,759,679			2,765,127		38:	2,761,633		2,756,010	
40:		2,737,650		25:	2,733,869			2,759,680			2,774,547		244—	1:	2,751,167		2,756,011
		2,765,122			2,735,629			2,760,732			2,775,035			2,763,447		2,757,887	
41:		2,731,208			2,763,442			2,771,251		87:	2,742,242			2,767,939		2,763,450	
42:		2,732,135		27:	2,751,160		70:	2,746,692			2,743,883			2,770,427		2,764,370	
		2,734,685			2,763,443			2,766,947			2,759,682		3:	2,734,697		2,766,952	
		2,742,237		35.5:	2,733,014			2,775,412			2,759,684		4:	2,739,768		2,766,953	
		2,760,728			2,733,015		71:	2,729,401			2,765,991		6:	2,753,132		2,766,954	
		2,766,942			2,743,876			2,733,021			2,765,992			2,755,038		2,769,603	
49:		2,762,572			2,751,161			2,733,872		96:	2,743,884			2,765,992		2,770,428	
53:		2,762,573		35.6:	2,733,870			2,752,107			2,747,812		7:	2,743,885		2,770,429	
54:		2,732,136			2,743,877			2,756,940			2,753,130			2,743,886		2,771,258	
55:		2,774,543			2,750,125			2,759,681			2,757,881			2,749,059		2,772,059	
56:		2,731,209			2,752,102		72:	2,729,403			2,765,128		12:	2,730,311		2,774,558	
68:		2,768,793			2,757,874			2,733,022			2,772,056			2,761,634		2,774,559	
78:		2,762,574			2,758,799			2,733,873		97:	2,745,608			2,762,584		2,775,421	
82:		2,734,686			2,769,599			2,733,874			2,747,813		13:	2,730,312		2,779,427	
		2,750,001		36:	2,752,103			2,734,691			2,759,685			2,769,601		2,786,012	
		2,767,928			2,752,104			2,747,809		106:	2,734,694		15:	2,734,698		2,764,371	
89:		Re.24,147		37:	2,743,063			2,755,031		107:	2,732,148			2,745,611		2,734,704	
		2,732,137			2,740,591			2,762,576			2,732,149			2,751,168		2,760,739	
		2,771,249		43:	2,739,761			2,762,577			2,742,243			2,756,008		2,767,942	
94:		2,772,053			2,746,698			2,765,125			2,747,814			2,759,686		2,772,841	
		2,754,067			2,753,126		74:	2,729,404			2,756,945			2,772,057	85:	2,753,134	
99:		2,756,937		43.4:	2,749,055			2,732,146			2,760,737		17.1:	2,740,595		2,768,806	
100.5:		2,743,875			2,729,399			2,734,692			2,773,656			2,774,552		2,773,660	
129:		2,765,123			2,764,363			2,746,693		113:	2,739,764		17.3:	2,731,215		2,775,422	
137:		2,760,729		45:	2,732,142			2,753,127		117:	2,732,150			2,743,071		2,776,943	
147:		2,770,422			2,741,437			2,760,733			2,741,441		17:	2,774,553		2,780,807	
153:		2,730,307			2,752,105		75:	2,731,212									

244—	106: 2,753,135	246—	34: 2,732,490	248—	47: 2,761,641	248—	203: 2,733,886	248—	358: 2,756,015	250—	20: 2,750,495
108:	2,733,026		2,754,413	48:	2,730,321		2,733,036		2,756,016		2,750,496
110:	2,731,219		2,758,201	48.1:	2,739,775		2,730,325		2,760,747		2,750,497
	2,743,078		2,747,080		2,761,642		2,742,230		2,762,600		2,751,493
	2,762,586		2,754,414	49:	2,765,135		2,742,251		2,765,141		2,752,486
	2,770,431	46:	2,753,447		2,765,136		2,764,382	361:	2,729,417		2,753,480
111:	2,744,699		2,763,452	50:	2,744,705	210:	2,735,641		2,729,418		2,753,450
	2,753,136		2,768,285		2,767,946		2,747,825		2,733,039		2,754,415
	2,753,137	63:	2,731,550		2,731,550		2,766,957		2,759,696		2,754,416
	2,759,690		2,731,551	54:	2,754,014	211:	2,720,414		2,768,805		2,755,376
	2,764,372		2,731,552		2,768,455		2,749,072		2,772,064		2,756,327
113:	2,729,408		2,731,553	55:	2,753,140	216:	2,732,158	249—	2: 2,732,162		2,756,328
	2,729,409		2,761,961		2,767,947		2,730,142		2,749,076		2,759,098
	2,761,636		2,761,962		2,770,436		2,771,262		2,753,144		2,760,089
114:	2,750,135		2,768,286	59:	2,729,411	221:	2,731,227		2,752,118		2,760,060
	2,765,994	108:	2,763,775		2,762,592		2,756,938		2,743,896	14:	2,743,896
118:	2,752,114	114:	2,745,951		2,768,804	223:	2,733,958		2,732,164		2,761,061
	2,759,691		2,734,130	60:	2,744,706		2,766,957		2,752,144	17:	2,732,164
	2,761,637		2,740,887	61:	2,744,707	224:	2,732,159		2,741,450		2,761,062
119:	2,741,447		2,748,265		2,747,825		2,742,252		2,751,180		2,761,964
121:	2,731,220		2,760,054	65:	2,742,249		2,743,075		2,757,894		2,763,776
	2,762,587	146:	2,774,863	68:	2,729,412		2,760,746		2,743,077	22:	2,743,077
122:	2,740,599	160:	2,742,563	71:	2,747,821		2,762,594		2,772,847	45:	2,772,847
	2,754,073	182:	2,751,492		2,768,606		2,762,595		2,768,944	46:	2,768,944
	2,755,042		2,769,900	72:	2,733,034	225:	2,757,893		2,775,425		2,766,375
	2,755,043	219:	2,747,081		2,749,068	226:	2,745,619		2,755,057		2,767,309
	2,763,451		2,768,287		2,751,175		2,749,073		2,749,077	52:	2,749,077
	2,765,130		2,769,901	73:	2,744,708		2,765,138		2,763,457	62:	2,763,457
	2,773,661	220:	2,740,241		2,745,701		2,769,607		2,763,458	88:	2,733,040
123:	2,749,061	251:	2,752,483		2,747,822	227:	2,764,383		2,763,458		2,760,089
127:	2,759,692	338:	2,744,703	79:	2,747,823	228:	2,765,139		2,746,707	59:	2,746,707
130:	2,731,221	415:	2,772,843	85:	2,747,823	229:	2,755,054		2,766,001		2,760,090
	2,742,247		2,730,319	92:	2,753,142	230:	2,761,643	60:	2,746,708		2,763,776
	2,764,373	452:	2,772,844	96:	2,749,069	239:	2,733,037		2,766,002		2,770,724
134:	2,742,248	463:	2,739,772		2,751,176		2,745,620		2,770,439		2,771,546
	2,743,890	488:	2,773,662	97:	2,754,076	243:	2,732,160		2,760,748	61:	2,760,748
	2,751,170		2,765,133	99:	2,744,709		2,739,777		2,754,081	62:	2,754,081
	2,753,138	4:	2,740,602	102:	2,755,051		2,741,449		2,751,181	63:	2,751,181
	2,755,044		2,747,819		2,764,376		2,747,826		2,754,082		2,772,350
	2,760,740		2,757,888	105:	2,733,883		2,767,950	250—	1: 2,760,052		2,772,351
135:	2,735,635	5:	2,761,638	107:	2,746,702		2,772,846		2,745,055		2,772,352
	2,749,062	13:	2,743,020	108:	2,760,742	244:	2,729,415		2,762,913		2,772,353
	2,755,045		2,739,773	113:	2,755,052	245:	2,744,714		2,766,374		2,772,354
	2,755,046		2,743,074	120:	2,733,884		2,767,951		2,774,864		2,772,355
	2,764,374		2,756,932		2,738,940		2,766,959		2,731,554	6:	2,731,554
	2,767,943	16:	2,730,320		2,739,776	255:	2,752,117		2,738,937		2,773,178
	2,769,604		2,756,933		2,754,077	262:	2,732,161		2,763,457		2,773,179
136:	2,772,061	17:	2,761,639		2,760,743		2,770,437		2,753,448		2,774,865
137:	2,734,705	18:	2,734,707		2,762,593	263:	2,766,000		2,757,279		2,774,866
	2,738,939	19:	2,765,996		2,764,377	265:	2,758,609		2,773,176		2,774,867
	2,749,063	22:	2,767,944		2,765,137	266:	2,752,118		2,773,177		2,775,060
	2,749,064		2,770,433	122:	2,760,744	270:	2,734,710	8:	2,743,354		2,775,061
	2,765,131		2,770,434	124:	2,733,035	289:	2,738,942		2,771,545	Re.24,240	
138:	2,759,693	23:	2,731,222		2,765,999	291:	2,755,055		2,758,202		2,729,742
	2,768,802		2,765,997	125:	2,774,562	292:	2,729,416	10:	2,758,202		2,729,743
	2,774,560	24:	2,739,774	127:	2,730,322		2,739,778	13:	2,747,085		2,730,319
140:	2,733,027		2,743,892		2,774,563		2,739,779		2,752,484		2,730,618
141:	2,749,065	26:	2,750,137	129:	2,744,710	293:	2,738,943		2,760,056		2,731,557
	2,751,171		2,756,013	138:	2,745,616	298:	2,771,263		2,760,057		2,731,559
	2,762,588	27:	2,735,636	145:	2,738,941	300:	2,731,228		2,761,059		2,731,560
142:	2,730,318		2,741,448	146:	2,743,893		2,731,229		2,765,401		2,732,493
	2,765,132		2,751,173		2,749,070		2,762,597		2,773,978		2,732,494
145:	2,730,315		2,753,141		2,751,177		2,743,076		2,735,932	14:	2,735,932
	2,730,316		2,755,048	147:	2,732,155	303:	2,761,644		2,750,494		2,734,133
	2,735,028		2,757,889		2,764,378	305:	2,764,384	15:	2,734,131		2,734,134
	2,734,706		2,762,591	148:	2,750,139	311:	2,754,078		2,735,933		2,735,006
	2,745,615		2,766,955		2,746,703		2,754,079		2,742,563		2,735,007
	2,764,099		2,767,945		2,772,845		2,734,711		2,747,083		2,735,008
	2,759,694		2,770,435	151:	2,767,948	314:	2,773,663		2,748,296		2,735,935
	2,764,375		2,772,062	154:	2,750,140	316:	2,747,827		2,761,963		2,735,936
	2,770,432	27.8:	2,733,881	158:	2,764,379	317:	2,733,038	16:	2,731,555		2,735,937
	2,774,561		2,740,603	159:	2,729,413		2,743,894		2,760,058		2,739,233
148:	2,729,410		2,761,640	161:	2,733,885		2,744,715		2,773,177		2,739,234
	2,749,066		2,771,259		2,747,824		2,750,143	17:	2,749,069		2,739,235
	2,760,741	29:	2,765,134		2,750,141		2,751,178		2,755,375		2,739,236
	2,762,589		2,765,998		2,760,745		2,753,143		2,758,203		2,739,237
	2,765,995	31:	2,757,890	163:	2,757,892		2,770,438		2,729,747	20:	2,729,747
150:	2,732,153	33:	2,743,637		2,772,063	318:	2,744,716		2,730,614		2,739,238
	2,743,891		2,757,891	164:	2,749,147	324:	2,739,780		2,730,615		2,740,043
	2,744,700	35:	2,735,638	165:	2,744,711		2,762,598		2,730,616		2,740,044
	2,758,808	40:	2,733,030	166:	2,735,640	339:	2,767,952		2,731,556		2,740,045
151:	2,740,600	41:	2,731,223	167:	2,744,712	340:	2,745,621		2,731,558		2,740,888
152:	2,730,317	42:	2,731,224		2,734,709	341:	2,748,895		2,732,491		2,741,699
	2,754,074		2,732,154	172:	2,749,071	343:	2,732,162		2,732,492		2,742,567
153:	2,730,318		2,749,067	174:	2,744,713		2,733,888		2,734,132		2,742,568
	2,733,880		2,751,174		2,745,617		2,738,810		2,735,001		2,742,569
	2,744,701		2,756,954	175:	2,746,704		2,767,953		2,735,002		2,743,357
	2,751,172	43:	2,733,031		2,756,956	344:	2,749,074		2,735,003		2,743,358
	2,762,590		2,734,708	179:	2,755,053	345:	2,767,954		2,735,004		2,743,359
	2,768,803		2,735,639	180:	2,775,423	350:	2,754,080		2,753,934		2,743,360
	2,769,605	44:	2,731,225	181:	2,752,116	353:	2,742,253		2,739,232		2,744,193
154:	2,744,702		2,753,032	185:	2,732,156		2,749,075		2,740,042		2,744,194
155:	2,750,136		2,746,700		2,756,957	354:	2,744,717		2,741,696		2,745,004
	2,755,047		2,747,820		2,768,805		2,745,622		2,741,697		2,745,005
245—	8: 2,753,139		2,750,138	186:	2,764,380		2,746,706		2,742,566		2,745,006
	2,760,601		2,754,075	188:	2,767,949		2,747,828		2,743,355		2,745,007
246—	2: 2,775,689		2,763,453	191:	2,771,261		2,762,599		2,743,356		2,745,008
	3: 2,731,548		2,771,260	194:	2,732,157		2,765,140		2,743,361		2,745,009
	2,739,230	45:	2,744,704		2,746,705		2,766,960		2,744,193		2,745,010
	2,751,491		2,756,955	195:	2,764,381	355:	2,747,829		2,745,003		2,745,011
	2,761,601		2,763,454		2,775,424		2,771,264		2,745,0		



250— 27: 2,748,271	250— 27: 2,775,692	250— 36: 2,749,441	250— 36: 2,767,316	250— 41.9: 2,756,340	250— 67: 2,733,354
2,748,272	2,775,693	2,749,442	2,768,293	2,756,341	68: 2,740,897
2,749,437	2,775,694	2,749,443	2,768,294	2,758,213	2,747,103
2,749,438	2,775,695	2,750,502	2,768,295	2,758,214	2,753,460
2,749,439	2,775,696	2,750,503	2,768,296	2,759,105	2,760,095
2,749,440	2,775,697	2,750,504	2,768,297	2,760,076	70: 2,753,461
2,750,498	2,775,698	2,750,505	2,768,298	2,761,974	71: Re.24,226
2,750,499	2,775,699	2,750,506	2,768,299	2,762,926	2,730,625
2,750,500	2,775,700	2,750,507	2,769,088	2,762,927	2,735,355
2,750,501	2,775,701	2,750,508	2,769,089	2,762,928	2,739,242
2,751,494	2,775,702	2,750,509	2,769,090	2,764,691	2,740,898
2,751,495	2,775,703	2,750,510	2,769,091	2,765,406	2,742,576
2,752,487	2,775,704	2,751,496	2,769,092	2,765,407	2,745,967
2,752,488	2,775,705	2,751,497	2,769,093	2,765,408	2,745,968
2,752,489	2,775,706	2,751,498	2,769,094	2,767,317	2,749,446
2,752,490	2,775,707	2,751,499	2,769,095	2,767,318	2,750,513
2,752,491	2,775,708	2,751,500	2,770,728	2,767,319	2,750,514
2,752,507	2,775,709	2,751,501	2,770,729	2,768,301	2,752,504
2,753,451	2,775,710	2,751,502	2,770,730	2,768,302	2,754,427
2,753,452	2,775,711	2,751,503	2,770,731	2,768,303	2,755,389
2,754,417	2,775,712	2,751,504	2,770,732	2,768,304	2,755,390
2,754,418	2,775,713	2,751,505	2,770,733	2,768,305	2,756,343
2,754,419	2,775,714	2,751,506	2,770,734	2,769,093	2,758,217
2,755,377	2,775,715	2,751,507	2,770,735	2,769,094	2,759,107
2,755,378	2,775,716	2,751,508	2,770,736	2,769,095	2,761,069
2,755,379	2,775,717	2,751,509	2,770,737	2,769,096	2,763,785
2,755,380	2,775,718	2,751,510	2,770,738	2,769,097	2,765,411
2,755,381	2,775,719	2,751,511	2,770,739	2,769,098	2,768,307
2,756,329	2,775,720	2,751,512	2,770,740	2,769,099	2,768,308
2,757,280	2,775,721	2,751,513	2,770,741	2,769,100	2,769,914
2,757,281	2,775,722	2,751,514	2,770,742	2,769,101	2,773,990
2,757,282	2,775,723	2,751,515	2,770,743	2,769,102	2,774,886
2,757,283	2,775,724	2,751,516	2,770,744	2,769,103	2,775,710
2,757,284	2,775,725	2,751,517	2,770,745	2,769,104	2,769,916
2,757,285	2,775,726	2,751,518	2,770,746	2,769,105	71.5: 2,756,344
2,757,286	2,775,727	2,751,519	2,770,747	2,769,106	72: 2,756,345
2,757,287	2,775,728	2,751,520	2,770,748	2,769,107	76: 2,739,249
2,757,288	2,775,729	2,751,521	2,770,749	2,769,108	78: 2,764,694
2,757,289	2,775,730	2,751,522	2,770,750	2,769,109	2,748,289
2,757,290	2,775,731	2,751,523	2,770,751	2,769,110	79: 2,751,504
2,757,291	2,775,732	2,751,524	2,770,752	2,769,111	80: 2,740,899
2,757,292	2,775,733	2,751,525	2,770,753	2,769,112	83: 2,750,515
2,757,293	2,775,734	2,751,526	2,770,754	2,769,113	2,752,505
2,757,294	2,775,735	2,751,527	2,770,755	2,769,114	2,752,506
2,757,295	2,775,736	2,751,528	2,770,756	2,769,115	2,757,291
2,757,296	2,775,737	2,751,529	2,770,757	2,769,116	2,762,929
2,757,297	2,775,738	2,751,530	2,770,758	2,769,117	2,763,786
2,757,298	2,775,739	2,751,531	2,770,759	2,769,118	2,751,505
2,757,299	2,775,740	2,751,532	2,770,760	2,769,119	83.1: 2,753,462
2,757,300	2,775,741	2,751,533	2,770,761	2,769,120	2,756,345
2,757,301	2,775,742	2,751,534	2,770,762	2,769,121	2,767,324
2,757,302	2,775,743	2,751,535	2,770,763	2,769,122	2,761,071
2,757,303	2,775,744	2,751,536	2,770,764	2,769,123	2,767,325
2,757,304	2,775,745	2,751,537	2,770,765	2,769,124	83.3: 2,731,568
2,757,305	2,775,746	2,751,538	2,770,766	2,769,125	2,741,705
2,757,306	2,775,747	2,751,539	2,770,767	2,769,126	2,742,577
2,757,307	2,775,748	2,751,540	2,770,768	2,769,127	2,742,578
2,757,308	2,775,749	2,751,541	2,770,769	2,769,128	2,749,447
2,757,309	2,775,750	2,751,542	2,770,770	2,769,129	2,753,463
2,757,310	2,775,751	2,751,543	2,770,771	2,769,130	2,756,346
2,757,311	2,775,752	2,751,544	2,770,772	2,769,131	2,760,078
2,757,312	2,775,753	2,751,545	2,770,773	2,769,132	2,761,072
2,757,313	2,775,754	2,751,546	2,770,774	2,769,133	2,763,787
2,757,314	2,775,755	2,751,547	2,770,775	2,769,134	2,765,412
2,757,315	2,775,756	2,751,548	2,770,776	2,769,135	2,767,326
2,757,316	2,775,757	2,751,549	2,770,777	2,769,136	2,769,915
2,757,317	2,775,758	2,751,550	2,770,778	2,769,137	2,769,916
2,757,318	2,775,759	2,751,551	2,770,779	2,769,138	2,774,887
2,757,319	2,775,760	2,751,552	2,770,780	2,769,139	83.6: 2,730,626
2,757,320	2,775,761	2,751,553	2,770,781	2,769,140	2,733,556
2,757,321	2,775,762	2,751,554	2,770,782	2,769,141	2,735,946
2,757,322	2,775,763	2,751,555	2,770,783	2,769,142	2,735,947
2,757,323	2,775,764	2,751,556	2,770,784	2,769,143	2,740,051
2,757,324	2,775,765	2,751,557	2,770,785	2,769,144	2,740,052
2,757,325	2,775,766	2,751,558	2,770,786	2,769,145	2,740,053
2,757,326	2,775,767	2,751,559	2,770,787	2,769,146	2,740,054
2,757,327	2,775,768	2,751,560	2,770,788	2,769,147	2,741,706
2,757,328	2,775,769	2,751,561	2,770,789	2,769,148	2,741,707
2,757,329	2,775,770	2,751,562	2,770,790	2,769,149	2,741,708
2,757,330	2,775,771	2,751,563	2,770,791	2,769,150	2,741,709
2,757,331	2,775,772	2,751,564	2,770,792	2,769,151	2,745,019
2,757,332	2,775,773	2,751,565	2,770,793	2,769,152	2,745,969
2,757,333	2,775,774	2,751,566	2,770,794	2,769,153	2,748,290
2,757,334	2,775,775	2,751,567	2,770,795	2,769,154	2,748,291
2,757,335	2,775,776	2,751,568	2,770,796	2,769,155	2,750,516
2,757,336	2,775,777	2,751,569	2,770,797	2,769,156	2,751,506
2,757,337	2,775,778	2,751,570	2,770,798	2,769,157	2,752,508
2,757,338	2,775,779	2,751,571	2,770,799	2,769,158	2,755,391
2,757,339	2,775,780	2,751,572	2,770,800	2,769,159	2,756,347
2,757,340	2,775,781	2,751,573	2,770,801	2,769,160	2,756,348
2,757,341	2,775,782	2,751,574	2,770,802	2,769,161	2,759,108
2,757,342	2,775,783	2,751,575	2,770,803	2,769,162	2,760,079
2,757,343	2,775,784	2,751,576	2,770,804	2,769,163	2,760,080
2,757,344	2,775,785	2,751,577	2,770,805	2,769,164	2,761,073
2,757,345	2,775,786	2,751,578	2,770,806	2,769,165	2,761,074
2,757,346	2,775,787	2,751,579	2,770,807	2,769,166	2,763,788
2,757,347	2,775,788	2,751,580	2,770,808	2,769,167	2,763,789
2,757,348	2,775,789	2,751,581	2,770,809	2,769,168	2,763,790
2,757,349	2,775,790	2,751,582	2,770,810	2,769,169	2,764,695
2,757,350	2,775,791	2,751,583	2,770,811	2,769,170	2,764,696
2,757,351	2,775,792	2,751,584	2,770,812	2,769,171	2,765,413
2,757,352	2,775,793	2,751,585	2,770,813	2,769,172	2,766,350
2,757,353	2,775,794	2,751,586	2,770,814	2,769,173	
2,757,354	2,775,795	2,751,587	2,770,815	2,769,174	
2,757,355	2,775,796	2,751,588	2,770,816	2,769,175	
2,757,356	2,775,797	2,751,589	2,770,817	2,769,176	
2,757,357	2,775,798	2,751,590	2,770,818	2,769,177	
2,757,358	2,775,799	2,751,591	2,770,819	2,769,178	
2,757,359	2,775,800	2,751,592	2,770,820	2,769,179	
2,757,360	2,775,801	2,751,593	2,770,821	2,769,180	
2,757,361	2,775,802	2,751,594	2,770,822	2,769,181	
2,757,362	2,775,803	2,751,595	2,770,823	2,769,182	
2,757,363	2,775,804	2,751,596	2,770,824	2,769,183	
2,757,364	2,775,805	2,751,597	2,770,825	2,769,184	
2,757,365	2,775,806	2,751,598	2,770,826	2,769,185	
2,757,366	2,775,807	2,751,599	2,770,827	2,769,186	
2,757,367	2,775,808	2,751,600	2,770,828	2,769,187	
2,757,368	2,775,809	2,751,601	2,770,829	2,769,188	
2,757,369	2,775,810	2,751,602	2,770,830	2,769,189	
2,757,370	2,775,811	2,751,603	2,770,831	2,769,190	
2,757,371	2,775,812	2,751,604	2,770,832	2,769,191	
2,757,372	2,775,813	2,751,605	2,770,833	2,769,192	
2,757,373	2,775,814	2,751,606	2,770,834	2,769,193	
2,757,374	2,775,815	2,751,607	2,770,835	2,769,194	
2,757,375	2,775,816	2,751,608	2,770,836	2,769,195	
2,757,376	2,775,817	2,751,609	2,770,837	2,769,196	
2,757,377	2,775,818	2,751,610	2,770,838	2,769,197	
2,757,378	2,775,819	2,751,611	2,770,839	2,769,198	
2,757,379	2,775,820	2,751,612	2,770,840	2,769,199	
2,757,380	2,775,821	2,751,613	2,770,841	2,769,200	
2,757,381	2,775,822	2,751,614	2,770,842	2,769,201	
2,757,382	2,775,823	2,751,615	2,770,843	2,769,202	
2,757,383	2,775,824	2,751,616	2,770,844	2,769,203	
2,757,384	2,775,825	2,751,617	2,770,845	2,769,204	
2,757,385	2,775,826	2,751,618	2,770,846	2,769,205	
2,757,386	2,775,827	2,751,619	2,770,847	2,769,206	
2,757,387	2,775,828	2,751,620	2,770,848	2,769,207	
2,757,388	2,775,829	2,751,621	2,770,849	2,769,208	
2,757,389	2,775,830	2,751,622	2,770,850	2,769,209	
2,757,390	2,775,831	2			

250— 83.6:	2,767,326	251— 62:	2,744,719	252— 7:	2,768,952	252— 33:	2,746,923	252— 51.5:	2,764,551	252— 172:	2,748,084
	2,769,096		2,759,699		2,761,845		2,761,845	52:	2,769,784	179:	2,735,819
	2,769,097		2,761,646	8.05:	2,748,078		2,763,615		2,769,784	182:	2,735,820
	2,769,098		2,743,078		2,767,141		2,764,548	54.6:	2,771,427		2,749,316
	2,769,920		2,753,042	75:	2,733,042	33.2:	2,762,773	55:	2,733,303		2,771,424
	2,770,736		2,738,947		2,732,343	33.3:	2,732,348		2,774,269	183:	2,734,037
	2,773,991		2,745,927		2,734,940		2,740,340	56:	2,741,597		2,772,240
84.5:	2,735,019		2,774,565		2,739,120		2,755,247		2,755,209	186:	2,749,317
	2,745,020		2,741,451		2,739,940		2,755,246		2,757,139		2,758,090
95:	2,747,104		2,735,644		2,740,758		2,764,549		2,762,775		2,763,619
	2,752,509		2,745,629		2,742,253		2,770,594		2,774,738		2,774,739
	2,763,791		2,742,255		2,744,869		2,770,595		2,773,501	188.3:	2,735,821
	2,730,627		2,771,266		2,770,596		2,770,596	57:	2,767,144		2,740,761
	2,767,327		2,732,166		2,740,398		2,770,597		2,746,925		2,733,216
100:	2,748,292		2,733,880		2,740,399		2,770,598		2,774,734	301.2:	2,734,871
103:	2,730,628		2,745,629		2,754,256		2,773,085	60:	2,733,303		2,755,252
105:	2,741,710		2,747,830		2,756,209	33.4:	2,732,343	62.1:	2,757,141	301.3:	2,744,072
	2,748,293		2,746,712		2,759,890		2,739,126	62.3:	2,759,895		2,774,737
106:	2,769,921		2,742,256		2,761,834		2,744,083		2,766,210	301.4:	2,729,605
	2,772,361		2,747,831		2,764,546		2,751,350	62.5:	2,734,033		2,729,605
	2,773,196		2,747,831		2,771,419		2,758,972		2,734,034		2,740,933
108:	2,743,372		2,745,630		2,771,420		2,760,934		2,744,873		2,750,344
	2,747,105		2,743,898		2,771,421		2,773,036		2,751,352		2,752,313
	2,749,448		2,742,168		2,773,031	33.6:	2,744,870		2,751,353		2,755,254
	2,750,517		2,760,752		2,773,031		2,752,312		2,751,356		2,757,144
201:	2,734,137		2,764,385		2,775,557		2,756,213		2,762,776		2,758,094
	2,740,901		2,734,713	8.55:	2,731,414		2,756,213		2,762,777		2,761,846
203:	2,766,387		2,751,184		2,733,206		2,757,558		2,764,552		2,765,281
207:	2,733,537		2,763,459		2,734,029	35:	2,768,138		2,764,552		2,768,142
	2,772,368		2,732,169	148:	2,732,169	37.2:	2,758,087		2,773,039		2,772,241
	2,732,504		2,756,017		2,741,996		2,739,126	62.9:	2,731,419	301.5:	2,729,606
209:	2,768,309		2,743,899		2,742,425		2,733,208	63.7:	2,734,035	301.6:	2,731,423
211:	2,739,248		2,749,081		2,742,426	37:	2,745,809		2,757,141		2,732,347
	2,745,021		2,744,720		2,746,921		2,734,030		2,757,141		2,734,872
	2,754,428		2,747,832		2,746,921		2,735,815	73:	2,757,142		2,743,237
	2,768,310		2,756,960		2,748,080		2,760,935		2,768,141		2,743,237
213:	2,739,244		2,749,082	162:	2,749,082	40:	2,733,209		2,764,553		2,743,238
	2,757,283		2,765,142		2,751,348		2,755,248	75:	2,751,355		2,743,239
	2,773,992		2,749,083	167:	2,753,033		2,769,781		2,766,211		2,743,240
214:	2,730,629		2,755,059		2,756,210	40.7:	2,735,816		2,765,278		2,745,811
	2,740,902		2,758,813		2,756,211		2,744,069	77:	2,767,145		2,755,255
	2,743,374		2,739,421	171:	2,739,421		2,739,127	78:	2,741,598		2,758,095
	2,750,518		2,734,714		2,739,891		2,743,810		2,742,433		2,772,242
	2,750,519		2,734,715		2,761,835		2,754,268		2,746,926		2,774,738
	2,764,697		2,766,961		2,761,836		2,760,936		2,768,145		2,774,739
	2,764,698		2,732,170	172:	2,732,170	42:	2,746,924		2,755,251	303:	2,759,896
215:	2,762,930		2,751,185		2,761,837		2,750,341		2,758,097		2,733,217
217:	2,733,358		2,762,011		2,761,838		2,731,351	89:	2,739,129	308:	2,775,361
	2,739,245		2,772,848		2,761,840		2,738,973		2,746,927		2,758,096
	2,749,449		2,740,605	173:	2,740,605		2,768,139	91:	2,733,211	311:	2,730,625
219:	2,753,464		2,743,900		2,761,842	42.1:	2,731,417		2,756,214		2,762,779
	2,763,961		2,757,890		2,761,843		2,742,428	104:	2,749,311	311.5:	2,730,626
	2,769,922		2,768,906		2,768,906		2,755,249	106:	2,742,434	313:	2,741,601
220:	2,739,246		2,740,606	175:	2,740,606	42.7:	2,731,418		2,746,928		2,750,345
	2,744,200		2,745,631		2,745,631	8.8:	2,730,498		2,739,502		2,754,270
226:	2,762,932		2,733,043	176:	2,733,043		2,762,774		2,739,941		2,763,620
237:	2,740,903		2,757,896	12.6:	2,757,896		2,767,143		2,749,311		2,768,098
239:	2,755,392		2,745,632	181:	2,745,632	14:	2,734,562		2,733,212	316:	2,751,359
	2,756,349		2,756,961		2,760,931		2,768,933		2,743,236		2,761,860
251— 1:	2,746,709		2,749,084	183:	2,749,084	18:	2,749,310		2,749,315		2,763,621
	2,749,078		2,729,121		2,735,304	45:	2,732,346		2,755,279	321:	2,748,083
	2,752,119		2,735,645		2,735,305		2,758,088		2,770,599		2,748,086
2:	2,746,710		2,741,452		2,754,266		2,769,783		2,774,735		2,748,087
	2,760,749		2,732,849	19:	2,732,849	25:	2,753,306		2,770,599		2,748,088
	2,760,750		2,747,833	196:	2,747,833		2,758,089	46.4:	2,753,306	132:	2,739,942
	2,760,751		2,769,099		2,742,427	26:	2,742,427	46.6:	2,750,342		2,740,760
3:	2,745,624		2,750,145		2,746,922		2,748,081		2,746,929	135:	2,762,780
	2,753,145		2,738,948	205:	2,738,948		2,751,349		2,766,930	326:	2,774,740
	2,766,003		2,769,610		2,769,610		2,731,349		2,761,357	331:	2,754,271
5:	2,735,642		2,749,079	219:	2,749,079		2,732,310		2,735,815	337:	2,774,741
	2,756,959		2,733,890	215:	2,733,890		2,758,817	137:	2,731,420	338:	2,771,425
11:	2,731,230		2,766,205		2,766,205	29:	2,754,267		2,742,429		2,771,426
12:	2,745,625		2,768,807		2,768,807		2,761,844		2,742,430		2,771,427
14:	2,733,041		2,761,647	225:	2,761,647		2,733,214		2,733,214		2,771,428
	2,738,945		2,760,753	229:	2,760,753	30:	2,733,214		2,733,215		2,771,429
16:	2,742,254		2,732,171	233:	2,732,171	32.5:	2,758,086		2,733,215		2,771,430
	2,772,065		2,753,147		2,753,147		2,763,613		2,746,931		2,771,431
25:	2,732,165		2,743,079		2,743,079		2,763,614		2,741,599	138:	2,771,432
	2,745,626		2,772,067		2,772,067		2,765,276	47:	2,746,930		2,771,433
	2,759,697		2,767,927	266:	2,767,927		2,734,869	47.5:	2,768,956		2,771,434
	2,761,645		2,765,143		2,765,143		2,773,032		2,773,831		2,771,435
26:	2,746,711		2,757,898	270:	2,757,898	32.7:	2,731,415		2,758,974	152:	2,730,503
28:	2,749,080		2,773,064		2,773,064		2,733,207		2,763,616		2,739,130
	2,751,182		2,733,148		2,733,148		2,734,865	48.2:	2,772,243		2,771,436
	2,753,146		2,732,172		2,734,864		2,734,865	48.6:	2,775,560		2,771,437
	2,770,440		2,766,004		2,734,865		2,734,866	48.8:	2,744,070	341:	2,743,241
	2,771,265		2,751,186	284:	2,751,186		2,733,832		2,765,280		2,743,242
29:	2,758,811		2,741,453		2,741,453		2,733,832		2,766,212		2,743,243
	2,767,955		2,762,062	301:	2,762,062		2,733,832	49:	2,744,871		2,743,244
30:	2,774,564		2,750,146	306:	2,750,146		2,744,068	49.3:	2,733,210	153:	2,750,343
31:	2,751,183		2,772,850		2,772,850		2,749,311	49.6:	2,734,031		2,751,358
	2,769,089		2,766,962	310:	2,766,962		2,758,971		2,739,128		2,751,357
	2,774,712		2,731,231	328:	2,731,231		2,760,932		2,744,872		2,771,442
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44:	2,738,942		2,770,433	332:	2,770,433		2,765,277	49.8:	2,766,209	156:	2,743,036
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	2,759,698		2,765,144	339:	2,765,144		2,766,206	49.9:	2,758,091	161:	2,731,422
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	2,739,781		2,760,754	344:	2,760,754		2,773,033	51.5:	2,730,500		2,742,435
58:	2,770,441		2,730,326	358:	2,730,326		2,773,034		2,742,432	342:	2,766,213
59:	2,743,897	252— 2:	2,745,806		2,745,806</						



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139: 2,742,260 139.1: 2,746,717 145: 2,763,466 2,766,009 150: 2,742,261 2,745,633 2,766,018 153: 2,761,625 157: 2,729,425 161: 2,757,904 2,772,071 163: 2,769,613 166: 2,751,193 2,766,966 167: 2,738,954 2,772,072 2,773,668 168: 2,752,120 169: 2,732,178 2,734,717 170: 2,738,759 171: 2,732,180 172: 2,732,187 2,763,467 173: Re 2,742,021 2,759,702 175.3: 2,771,268 175.5: 2,740,608 184: 2,750,153 2,768,811 186: 2,742,262 2,746,718 2,747,838 2,759,703 187: Re 2,742,112 190: 2,734,718 2,738,955 2,744,725 192: 2,741,458 2,762,606 2,744,034 194: 2,762,007 195: 2,772,857 255— 1: 2,773,669 1.4: 2,734,719 2,735,652 2,775,427 1.6: 2,730,328 2,734,720 2,734,721 2,743,082 2,745,635 2,745,635 2,766,010 2,770,444 1.8: 2,729,426 2,747,839 2,755,067 2,756,020 2,756,965 2,771,269 2,772,073 2,773,670 2,779,704 2.5: 2,747,840 2,756,021 3: 2,735,653	255— 3: 2,738,956 2,742,263 2,742,264 2,742,265 4: 2,750,154 2,753,154 4.4: 2,743,083 2,756,966 2,758,817 4.8: 2,730,329 2,743,084 2,769,614 10: 2,742,266 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2,753,157 2,756,970 2,759,708 2,773,430 4: 2,767,960 6: 2,729,428 2,732,183 2,732,184 2,738,958 2,740,614 2,740,615 2,744,731 2,746,725 2,747,843 2,757,907 2,761,654 2,765,150 2,766,970 2,769,619 2,774,573 8: 2,729,429	257— 8: 2,755,072 2,767,961 2,773,675 9: 2,739,794 2,743,908 2,749,095 2,758,821 2,761,655 2,761,656 2,769,620 2,770,445 2,773,676 2,773,677 14: 2,742,268 16: 2,759,709 28: 2,735,659 32: 2,729,430 2,756,028 37: 2,752,124 2,756,029 55: 2,744,732 2,750,158 2,756,030 78: 2,753,048 79: 2,731,241 2,753,159 2,761,657 2,762,075 95: 2,735,898 124: Re 2,742,234 2,729,431 2,751,198 133: 2,731,242 2,733,049 2,754,094 2,774,574 136: 2,752,125 137: 2,729,432 2,743,088 101: 2,746,729 2,758,822 2,773,678 2,775,432 151: 2,752,126 166: 2,754,391 171: 2,750,159 172: 2,742,266 184: 2,751,199 196: 2,733,050 198: 2,765,151 205: 2,756,031 208: 2,772,860 211: 2,767,962 221: 2,774,575 224: 2,733,650 2,744,338 2,768,813 2,772,076 236: 2,735,658 2,743,089 240: 2,759,710 2,762,611 241: 2,729,433 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260—	78:	2,743,260	260—	87.7:	2,752,331	260—	102:	2,767,161	260—	158:	2,746,953	260—	239:	2,740,779	260—	240:	2,767,174
		2,752,328			2,752,332			2,772,260			2,771,466			2,740,780			2,769,001
		2,756,221			2,754,289			2,772,261		159:	2,742,458			2,743,269			2,770,619
		2,759,908			2,770,615			2,772,262		160:	2,741,636			2,743,270			2,773,699
		2,765,294		88.1:	2,730,519			2,772,263			2,741,657			2,748,113			2,774,757
		2,766,221			2,731,452			2,772,264		162:	2,773,863			2,759,927		240.1:	2,739,964
		2,766,222			2,731,453		103:	2,750,373		163:	2,766,231			2,759,926			2,739,965
		2,774,750			2,766,224			2,767,162			2,773,055			2,762,796			2,743,272
78.3:		2,729,622			2,773,052		105:	2,768,996		166:	2,746,954			2,763,643		240.4:	2,739,147
		2,758,987		88.3:	2,767,159		107:	2,753,331			2,750,375			2,764,580			2,743,273
		2,768,155			2,771,462			2,772,265		169:	2,758,109			2,766,232			2,743,274
78.5:	Re.24:	2,729,623		88.5:	2,773,857			2,774,753		171:	2,731,459			2,770,617			2,748,114
		2,731,448		88.7:	2,740,773		110:	2,757,169		172:	2,762,794			2,775,387			2,770,620
		2,731,449			2,743,263			2,757,170		173:	2,750,376			2,775,388		240.5:	2,734,900
		2,740,769			2,745,825		112:	2,739,145			2,775,382			2,775,389			2,739,148
		2,740,770			2,748,106			2,741,653		174:	2,741,658		239.1:	2,735,848		240.6:	2,748,115
		2,744,098			2,751,374			2,742,456			2,741,659			2,739,962		240.65:	2,739,149
		2,744,884			2,754,290			2,760,956			2,774,755			2,741,604		240.9:	2,734,901
		2,744,885			2,763,636			2,766,225		175:	2,746,955			2,742,460		242:	2,749,339
		2,751,372			2,768,156		115:	2,770,616			2,760,958			2,742,465			2,752,344
		2,773,373		89.1:	2,733,233		117:	2,754,292			2,760,959			2,744,895			2,760,960
		2,759,909			2,746,947		118:	2,763,639		176:	2,739,146			2,746,959			2,766,234
		2,760,954		89.5:	2,744,886			2,743,275		181:	2,773,864			2,750,379			2,767,175
		2,763,633			2,758,106			2,740,774		182:	2,769,806			2,751,378			2,767,176
		2,769,801		89.7:	2,735,842			2,746,949		192:	2,744,105			2,752,335			2,767,177
		2,771,459			2,749,331			2,746,950		193:	2,729,632			2,754,297		243:	2,729,636
79.3:		2,733,232			2,754,291		119:	2,751,377			2,734,054			2,756,226			2,734,057
		2,735,841			2,759,913			2,744,890			2,775,383		239.3:	2,733,239			2,744,896
		2,750,358		91.1:	2,732,370		120:	2,757,171		194:	2,756,225			2,744,107			2,749,340
		2,754,287		91.3:	2,734,048			2,744,891		197:	2,754,294			2,752,336			2,752,345
		2,760,955			2,759,914			2,750,374		198:	2,750,377			2,754,298			2,755,278
		2,761,856		92.1:	2,739,960		121:	2,765,298			2,768,159			2,758,991			2,761,860
		2,763,634			2,742,454		122:	2,768,997		200:	2,735,845			2,763,644			2,766,235
		2,764,576			2,751,375		123:	2,765,299			2,743,267			2,769,000			2,768,164
		2,765,295			2,751,376		124:	2,758,994		202:	2,759,922		239.47:	2,773,867			2,769,002
		2,773,856			2,757,167		125:	2,774,754		204:	2,750,378			2,744,108		244:	2,741,605
79.5:		2,748,104		92.8:	2,729,627			2,775,380		205:	2,765,301			2,740,781			2,744,897
		2,752,329			2,764,579		125:	2,733,235		207.5:	2,757,173			2,744,108			2,758,994
		2,752,330			2,772,256			2,773,860			2,768,160			2,744,109			2,769,003
		2,766,223			2,772,257			2,773,861		208:	2,773,866			2,744,110			2,773,590
		2,772,251			2,772,258			2,773,862		209:	2,767,167			2,745,829		247:	2,767,178
79.7:		2,759,802		93.1:	2,758,989		131:	2,734,050		209.5:	2,729,633			2,750,380			2,774,758
80:		2,729,624		93.3:	2,734,892			2,733,236		209.6:	2,758,110			2,752,337		247.1:	2,730,526
80.5:		2,729,625		93.5:	2,732,371		132:	2,768,998		210:	2,734,055			2,752,338			2,730,527
		2,739,140			2,734,893			2,769,000			2,734,056			2,753,341			2,731,462
		2,744,943		94.1:	2,743,264		137:	2,757,163			2,745,268			2,763,645			2,733,241
		2,757,165		94.7:	2,731,454		139:	2,731,458			2,744,892		239.55:	2,729,635			2,733,242
		2,759,910		94.8:	2,739,143			2,741,654			2,746,956			2,730,525			2,744,898
		2,772,252		94.9:	2,758,107			2,753,327			2,748,108			2,733,240			2,752,346
		2,772,253			2,762,791			2,759,920			2,755,274			2,734,056			2,753,345
80.7:		2,729,626			2,765,297			2,768,157			2,759,922			2,734,897			2,757,174
		2,731,450			2,767,160			2,768,999			2,769,002			2,734,898			2,758,995
		2,744,099			2,771,463			2,771,465			2,761,859			2,734,899			2,760,236
82:		2,734,046			2,772,259			2,776,227			2,765,302			2,742,461			2,766,237
		2,730,359			2,773,053			2,766,228		210.5:	2,746,957			2,743,271			2,768,165
		2,730,360		96.5:	2,731,455			2,766,229		211:	2,746,957			2,749,337		247.2:	2,742,464
		2,753,325			2,731,456			2,767,166			2,752,333			2,749,338			2,750,382
		2,753,326			2,731,457		141:	2,734,103			2,752,334			2,750,381			2,759,933
		2,754,288			2,734,049		144:	2,730,629			2,754,296			2,751,379			2,759,934
		2,758,988			2,735,843		145:	2,734,051			2,755,275			2,751,380			2,759,935
		2,764,577			2,739,144			2,749,332		211.3:	2,740,775			2,751,381			2,763,647
		2,770,613			2,744,887			2,749,333		211.5:	2,763,642			2,752,339			2,765,305
		2,770,614			2,745,826			2,750,373		212:	2,730,524			2,752,340			2,768,166
		2,773,051			2,746,948			2,750,374			2,758,111			2,753,341			2,773,062
		2,775,575			2,750,361			2,760,290			2,758,112			2,753,342			2,773,063
		2,775,576			2,750,362			2,769,805			2,767,169			2,753,343		247.5:	2,744,899
		2,775,577			2,750,363			2,775,581		215:	2,753,337			2,755,276			2,752,347
82.1:		2,732,369			2,758,108		146:	2,730,521		216:	2,748,109			2,755,277			2,758,114
		2,739,330			2,759,915			2,734,052			2,748,110			2,757,992			2,759,936
		2,771,460			2,759,916			2,752,333		217:	2,762,795			2,758,993			2,765,306
82.5:		2,753,327			2,759,917			2,730,522		218:	2,753,338			2,759,928			2,767,179
		2,762,790			2,759,918		147:	2,734,053		219:	2,759,924			2,759,929		247.7:	2,748,116
83.1:		2,739,911			2,761,858			2,749,334		225:	2,759,925			2,759,930			2,761,861
83.3:		2,745,822			2,762,792			2,753,333			2,768,161			2,768,163			2,765,307
		2,761,857			2,767,162			2,753,334		226:	2,758,111			2,768,164			2,768,238
83.7:		2,745,823			2,763,637			2,757,172			2,767,166			2,773,058			2,769,808
84.1:		2,775,578			2,775,858			2,777,166		227:	2,740,776			2,773,059			2,771,469
84.3:		2,763,635			2,774,752		148:	2,735,844		229:	2,773,865			2,773,060			2,773,070
84.8:		2,772,254		97:	2,730,520			2,741,655			2,773,866		239.57:	2,740,783			2,775,391
85.3:		2,734,047			2,744,100			2,753,335		230:	2,772,267			2,740,783		248:	2,729,637
		2,739,141			2,750,363			2,763,640			2,775,584			2,751,382			2,731,463
		2,748,105			2,750,364		149:	2,734,895			2,775,585		239.7:	2,774,756			2,733,243
		2,772,255			2,750,365			2,753,336		231:	Re.24:	2,744,896		239.75:	2,773,061		2,734,058
85.5:	Re.24:	2,731,451		97.5:	2,744,888		151:	2,732,372			2,744,896		239.95:	2,752,342			2,741,606

260—249.5:	2,764,582	260—	270:	2,765,308	260—	292:	2,734,062	260—	295:	2,774,767	260—	310:	2,743,279	260—	343.5:	2,739,156
	2,769,809			2,766,243			2,748,132			2,775,063			2,744,911			2,739,157
	2,770,621			2,767,187			2,748,133		295.5:	2,734,063			2,744,912		343.6:	2,739,158
249.6:	2,729,639			2,769,006		293:	2,739,968			2,748,139			2,751,395			2,743,294
	2,729,640			2,770,626			2,739,969			2,748,140			2,759,949			2,761,869
	2,745,830	272:		2,759,989			2,750,386			2,750,390			2,772,282			2,772,292
	2,762,801			2,759,940			2,752,812			2,750,391			2,773,880			2,772,293
	2,762,802			2,765,309			2,765,312			2,752,355			2,748,143	343.9:		2,739,158
	2,763,048			2,766,244			2,767,189			2,755,283			2,740,794			2,759,003
	2,763,049			2,773,873			2,769,812			2,756,236			2,744,913			2,763,064
	2,763,650	274:		2,774,761			2,772,271			2,759,945			2,769,011		345.1:	2,768,174
	2,764,583			2,775,063			2,773,875			2,766,252			2,770,626		345.2:	2,744,919
	2,766,239	276:		2,752,349		293.2:	2,762,813		296:	2,732,378			2,759,950			2,764,920
	2,767,180			2,734,060			2,767,190			2,746,969			2,761,868			2,769,015
249.7:	2,734,059	270:		2,732,373			2,742,475			2,759,000			2,765,318		345.8:	2,746,975
	2,760,961			2,732,374		293.4:	2,757,175			2,764,901			2,768,171			2,774,771
	2,763,651			2,762,806			2,760,965			2,772,275			2,770,627			2,768,172
	2,768,168			2,762,807			2,765,313			2,773,066			2,770,628			2,768,173
	2,769,005			2,762,808		294:	2,748,134			2,774,768			2,770,629		345.9:	2,744,121
249.8:	2,770,622			2,773,064			2,750,387		297:	2,735,851			2,772,283			2,766,259
249.9:	2,735,850			2,775,064			2,759,941			2,745,277			2,772,284		346.1:	2,738,118
250:	2,739,151			2,775,593		294.3:	2,741,619			2,748,141			2,731,474			2,773,882
	2,742,467			2,742,473			2,746,964			2,748,142			2,768,172		346.2:	2,733,248
	2,745,117			2,749,346			2,746,965			2,749,351			2,768,173			2,772,294
	2,759,937			2,762,810		283:	2,762,810			2,750,392		315:	2,731,474			2,773,883
	2,759,938			2,772,269			2,772,269			2,752,352			2,768,174		346.3:	2,764,597
	2,764,584			2,775,594			2,775,594			2,759,942			2,764,595			2,772,295
	2,748,118	251:		2,732,375		285:	2,732,375			2,765,314			2,739,155		346.4:	2,762,361
	2,758,996			2,740,787			2,740,787			2,765,315			2,740,795		346.8:	2,730,532
251.5:	2,729,641			2,740,788			2,740,788			2,765,316			2,749,353			2,745,844
	2,739,966			2,741,609			2,741,609			2,775,597			2,751,396			2,770,630
	2,739,967			2,741,610			2,741,610		297.5:	2,732,379			2,755,287		347.3:	2,765,845
	2,740,794			2,741,611			2,741,611			2,744,114			2,755,288			2,738,358
	2,741,608			2,741,612		294.7:	2,745,836			2,739,946			2,768,255			2,768,175
	2,742,468			2,741,613			2,745,837			2,761,867			2,768,256		347.4:	2,748,147
	2,742,469			2,741,614			2,746,967			2,744,115			2,772,286			2,757,187
	2,766,240			2,741,615			2,751,388			2,745,840			2,772,287			2,768,178
	2,766,241			2,741,616			2,763,657		301:	2,754,303			2,769,815		347.5:	2,739,159
	2,766,242			2,741,617			2,765,317			2,761,867			2,770,629			2,766,260
	2,767,181			2,744,112			2,769,008			2,745,841			2,770,630			2,771,471
	2,774,759			2,746,962		294.8:	2,773,876			2,751,392			2,770,631			2,757,188
	2,746,961			2,752,350			2,747,766			2,744,902			2,770,632		347.7:	2,739,159
	2,756,228			2,766,245			2,729,644			2,746,970			2,769,012		347.8:	2,746,972
255:	2,767,182			2,769,810			2,729,646			2,756,238			2,742,482			2,750,394
256:	2,729,643			2,772,270			2,733,245			2,769,010		326.3:	2,744,915			2,754,804
	2,756,229			2,774,762			2,733,245			2,772,270			2,744,916			2,768,606
	2,761,862	285.5:		2,766,235			2,734,903			2,773,878			2,745,841			2,774,773
	2,761,863			2,774,763			2,742,476			2,766,233			2,745,842		347.9:	2,768,176
256.4:	2,731,464			2,744,901		286:	2,744,901			2,772,271			2,752,359			2,768,177
	2,731,465			2,746,963			2,746,963			2,734,064			2,752,360		348:	2,730,531
	2,733,244			2,758,997			2,758,997			2,762,814			2,772,288			2,730,532
	2,740,785			2,760,963			2,761,865			2,772,279			2,772,289			2,739,160
	2,742,470			2,760,964			2,761,866			2,773,879			2,773,880			2,739,161
	2,745,831			2,762,811			2,766,246			2,773,880			2,773,881			2,743,285
	2,748,119			2,766,246			2,766,247			2,773,881			2,773,882			2,745,846
	2,748,120			2,766,247			2,767,188			2,773,882			2,773,883			2,748,147
	2,748,121			2,767,188			2,767,189			2,773,883			2,773,884			2,750,395
	2,748,122			2,767,189			2,767,190			2,773,884			2,773,885			2,755,290
	2,748,123			2,767,190			2,767,191			2,773,885			2,773,886			2,756,241
	2,748,124			2,767,191			2,767,192			2,773,886			2,773,887			2,757,189
	2,749,343			2,767,192			2,767,193			2,773,887			2,773,888			2,758,996
	2,749,344			2,767,193			2,767,194			2,773,888			2,773,889			2,759,000
	2,749,345			2,767,194			2,767,195			2,773,889			2,773,890			2,760,904
	2,757,183			2,767,195			2,767,196			2,773,890			2,773,891			2,761,869
	2,774,760			2,767,196			2,767,197			2,773,891			2,773,892			2,762,813
	2,775,592			2,767,197			2,767,198			2,773,892			2,773,893			2,763,653
256.5:	2,748,125			2,767,198			2,767,199			2,773,893			2,773,894			2,764,584
	2,752,348			2,767,199			2,767,200			2,773,894			2,773,895			2,765,309
	2,756,230			2,767,200			2,767,201			2,773,895			2,773,896			2,766,240
	2,767,184			2,767,201			2,767,202			2,773,896			2,773,897			2,767,185
256.6:	2,734,902			2,767,202			2,767,203			2,773,897			2,773,898			2,768,176
	2,762,803			2,767,203			2,767,204			2,773,898			2,773,899			2,769,011
	2,770,623			2,767,204			2,767,205			2,773,899			2,773,900			2,769,012
	2,770,624			2,767,205			2,767,206			2,773,900			2,773,901			2,769,013
257:	2,744,900			2,767,206			2,767,207			2,773,901			2,773,902			2,769,014
	2,764,585			2,767,207			2,767,208			2,773,902			2,773,903			2,769,015
260:	2,753,347			2,767,208			2,767,209			2,773,903			2,773,904			2,769,016
	2,753,348			2,767,209			2,767,210			2,773,904			2,773,905			2,769,017
	2,760,962			2,767,210			2,767,211			2,773,905			2,773,906			2,769,018
	2,773,872			2,767,211			2,767,212			2,773,906			2,773,907			2,769,019
261:	2,770,625			2,767,212			2,767,213			2,773,907			2,773,908			2,769,020
262:	2,771,385			2,767,213			2,767,214			2,773,908			2,773,909			2,769,021
263:	2,753,349			2,767,214			2,767,215			2,773,909			2,773,910			2,769,022
264:	2,764,586			2,767,215			2,767,216			2,773,910			2,773,911			2,769,023
265:	2,742,471			2,767,216			2,767,217			2,773,911			2,773,912			2,769,024
266:	2,740,786			2,767,217			2,767,218			2,773,912			2,773,913			2,769,025
	2,742,472			2,767,218			2,767,219			2,773,913			2,773,914			2,769,026
	2,748,126			2,767,219			2,767,220			2,773,914			2,773,915			2,769,027
	2,748,127			2,767,220			2,767,221			2,773,915			2,773,916			2,769,02



260— 395: 2,766,263	260—397.45: 2,772,298	260— 424: 2,730,164	260—449.6: 2,758,128	260— 465: 2,734,908	260— 473: 2,759,965
396: 2,730,535	2,772,299	2,754,309	2,762,828	2,740,806	2,759,966
2,731,478	2,773,075	425: 2,729,662	2,765,320	2,744,925	2,769,833
2,733,249	2,773,076	2,732,388	2,767,202	2,745,865	2,770,646
2,733,250	2,773,077	2,733,253	2,771,481	2,745,866	2,770,647
2,741,625	2,773,078	2,732,378	2,773,084	2,748,154	473.5: 2,753,371
2,743,286	2,773,079	2,754,310	2,773,085	2,748,388	474: 2,770,648
2,764,600	2,773,080	2,759,957	2,773,890	2,750,402	475: 2,734,912
2,765,323	2,773,887	2,769,827	2,775,607	2,751,406	2,742,493
2,769,820	2,773,888	428.5: 2,749,357	450: 2,740,804	2,755,298	2,742,494
2,769,821	2,745,851	2,758,125	2,742,490	2,755,299	2,743,292
2,773,653	2,745,852	2,731,482	2,746,983	2,758,129	2,743,293
397.1: 2,729,683	397.5: 2,753,361	429: 2,731,483	2,746,984	2,759,963	2,745,159
2,745,849	2,758,121	2,745,857	2,746,985	2,760,971	2,752,386
2,746,977	2,759,952	2,745,858	2,752,382	2,762,832	2,752,387
2,748,149	2,773,074	2,745,859	2,754,314	2,762,833	2,753,369
2,752,365	2,773,886	2,760,970	2,756,248	2,764,608	2,754,321
2,752,366	2,773,886	2,765,327	2,761,871	2,766,270	2,759,967
2,753,359	2,763,672	429.1: 2,735,857	2,762,829	2,766,271	2,760,972
2,758,120	2,752,373	2,741,627	2,762,830	2,768,195	2,768,197
2,765,316	2,752,374	429.3: 2,741,628	2,762,831	2,768,963	2,772,305
2,767,155	2,772,300	429.7: 2,731,484	2,770,635	2,770,632	2,773,080
2,768,184	400: 2,753,288	2,762,821	2,770,636	2,770,641	476: 2,750,408
2,768,185	404: 2,729,657	429.9: 2,746,980	451: 2,739,665	2,770,642	2,750,409
2,768,186	2,745,853	431: 2,729,663	2,734,067	2,773,891	2,762,838
2,768,187	2,752,375	437: 2,744,126	2,767,203	2,774,781	477: 2,767,207
2,768,188	2,754,305	2,763,673	2,770,637	2,774,782	479: 2,745,870
2,769,822	2,767,200	2,765,328	452: 2,770,398	2,775,609	2,748,160
2,771,475	2,771,477	438: 2,762,832	2,767,204	2,775,610	2,752,388
2,774,775	404.5: 2,731,480	439: 2,766,268	2,767,205	2,775,611	2,759,968
2,774,776	2,764,601	2,769,828	2,771,482	2,775,612	2,775,613
397.2: 2,740,797	2,764,602	440: 2,756,245	453: 2,774,780	465.1: 2,731,488	480: 2,731,492
2,741,626	2,764,603	2,768,192	2,729,666	2,748,155	482: 2,744,130
2,743,287	2,765,324	446: 2,772,303	2,732,392	2,755,300	2,738,132
2,752,367	2,765,325	448: 2,735,858	2,733,254	2,770,643	2,768,966
2,757,182	2,775,604	2,741,629	2,743,290	2,773,088	2,770,649
2,773,884	2,774,797	2,744,127	2,757,183	465.2: 2,732,397	2,771,485
2,773,885	2,774,798	2,767,201	2,757,184	2,735,301	2,772,306
397.25: 2,729,655	2,757,187	2,765,329	2,757,185	465.3: 2,738,259	2,759,015
2,729,656	2,757,188	2,768,966	2,771,483	2,767,208	483: 2,767,208
2,730,536	2,772,301	448.2: 2,730,540	2,773,086	2,741,631	2,768,967
2,753,362	405: 2,752,376	2,731,485	454: 2,744,924	2,744,926	484: 2,753,370
2,758,122	2,759,953	2,732,390	2,757,189	2,748,156	2,766,273
2,772,297	2,764,604	2,732,391	455: 2,731,487	2,748,157	485: 2,742,495
397.3: 2,734,065	405.5: 2,745,854	2,735,859	2,756,249	2,748,158	2,764,609
2,739,974	405.6: 2,744,123	2,735,860	2,770,638	2,757,192	2,768,198
2,751,397	2,746,979	2,739,165	456: 2,734,068	2,762,834	2,769,834
2,752,368	2,760,988	2,740,801	2,734,069	2,763,676	2,774,783
2,752,369	406: 2,754,308	2,740,802	2,775,608	2,768,196	486: 2,729,671
2,757,186	2,759,955	2,741,630	457: 2,732,393	2,772,304	2,734,074
2,759,951	2,771,478	2,744,923	458: 2,733,255	465.4: 2,729,669	2,754,322
2,763,669	407: 2,729,658	2,745,860	459: 2,755,296	2,731,489	2,754,323
2,768,189	2,731,481	2,746,981	2,733,256	2,756,251	2,755,303
2,773,072	2,730,975	2,752,379	2,766,269	2,763,677	2,759,016
2,773,073	2,769,826	2,752,380	2,771,484	465.5: 2,733,260	2,789,835
2,775,602	2,771,479	2,753,365	460: 2,755,297	2,742,491	487: 2,734,075
397.4: 2,729,654	408: 2,748,151	2,754,311	461: 2,729,667	2,743,291	2,734,076
2,734,066	2,765,326	2,754,312	2,729,668	2,762,835	2,744,131
2,739,162	2,772,302	2,754,313	2,730,541	2,773,892	2,754,324
2,742,485	409: 2,720,659	2,755,295	2,730,542	465.6: 2,731,490	2,775,614
2,742,486	2,730,538	2,756,246	2,732,394	2,735,864	488: 2,734,913
2,744,122	2,762,819	2,757,189	2,732,395	2,752,383	2,739,167
2,746,978	2,766,265	2,758,124	2,732,396	2,765,333	2,760,973
2,748,150	2,773,081	2,759,006	2,732,397	465.7: 2,730,543	2,763,679
2,749,356	410: 2,750,396	2,759,007	2,739,978	2,745,867	2,773,898
2,752,370	2,750,397	2,759,008	2,744,128	2,745,868	2,773,899
2,753,360	2,745,855	2,759,958	2,745,862	2,773,089	490: 2,773,615
2,755,292	2,766,266	2,759,959	2,748,153	465.8: 2,774,783	491: 2,773,895
2,762,818	410.7: 2,732,387	2,759,960	2,750,399	2,749,359	497: 2,732,389
2,763,670	2,733,251	2,762,823	2,750,400	2,750,403	2,764,610
2,767,198	2,740,799	2,762,824	2,753,368	2,751,407	2,768,968
2,768,190	2,744,124	2,762,825	2,754,315	2,762,836	498: 2,750,410
2,771,474	2,759,954	2,762,826	2,754,316	2,762,837	2,770,650
2,774,777	410.8: 2,764,605	2,762,827	2,754,317	465.9: 2,729,670	2,741,632
2,775,603	410.9: 2,733,252	2,763,674	2,754,318	2,734,909	500: 2,733,262
397.45: 2,730,537	2,740,800	2,763,675	2,754,319	2,758,130	2,763,535
2,731,479	2,759,955	2,768,193	2,754,320	2,758,131	2,766,274
2,732,383	412: 2,742,487	2,769,829	2,756,250	2,770,644	501: 2,729,672
2,732,384	2,773,082	2,760,980	2,759,010	2,770,645	2,739,168
2,732,385	2,773,889	2,770,631	2,759,961	466: 2,734,073	2,739,980
2,734,907	412.3: 2,762,820	2,770,632	2,759,962	2,739,166	2,739,981
2,735,854	412.4: 2,729,661	2,770,633	2,764,606	2,768,964	2,742,496
2,735,855	412.5: 2,755,293	2,770,634	2,765,331	467: 2,734,910	2,743,294
2,735,856	412.6: 2,742,488	2,771,478	2,767,206	2,742,492	2,746,986
2,740,798	2,742,489	2,774,779	2,768,194	2,755,302	2,753,372
2,745,850	2,745,856	2,775,605	2,769,831	468: 2,731,491	2,756,252
2,751,398	2,748,152	2,775,606	462: 2,739,979	2,768,965	2,760,974
2,751,399	412.8: 2,752,377	448.8: 2,735,861	2,757,191	469: 2,752,384	2,774,786
2,751,400	2,759,956	2,752,381	2,764,607	2,766,272	503: 2,732,396
2,751,401	413: 2,739,163	2,758,126	2,770,639	2,774,784	2,757,193
2,751,402	2,744,125	2,758,127	464: 2,735,863	470: 2,744,129	504: 2,733,263
2,752,371	2,753,363	2,758,128	2,754,364	471: 2,733,261	2,739,982
2,752,372	2,753,364	2,767,201	2,750,401	2,734,911	2,746,987
2,753,004	2,760,969	449: 2,740,803	2,759,012	2,750,404	2,763,678
2,763,671	2,766,267	2,745,861	2,759,013	473: 2,730,544	2,766,275
2,766,264	414: 2,744,921	2,753,366	2,765,332	2,732,389	2,767,209
2,767,199	2,751,403	2,756,247	2,768,962	2,749,360	2,769,836
2,768,191	2,758,123	449.6: 2,729,664	2,770,640	2,750,405	505: 2,733,264
2,769,019	2,760,938	2,731,486	2,773,087	2,750,406	2,740,807
2,769,823	2,743,289	2,735,862	465: 2,733,257	2,750,407	2,757,195
2,769,824	418: 2,744,922	2,751,404	2,733,258	2,752,385	2,766,276
2,769,825	419: 2,755,294	2,751,405	2,734,070	2,759,014	2,768,199
2,771,476	420: 2,771,480	2,753,367	2,734,071	2,759,964	2,771,486
	423: 2,739,976				

- 260— 505: 2,773,896  
507: 2,751,464  
2,756,253  
2,763,680  
512: 2,740,808  
513: 2,746,988  
2,758,153  
154: R.24,123  
2,733,265  
2,734,077  
2,742,497  
2,746,980  
2,750,411  
2,760,872  
2,765,334  
2,771,487  
2,774,787  
515: 2,729,673  
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263—	51:	2,753, 172	266—	19:	2,735, 668	267—	57:	1:	2,769, 631	270—	81:	2,751, 222	271—	57:	2,732, 203	273—	43:	2,769, 637
		2,764, 398		20:	2,743, 100		58:	2,740, 624	2,774, 592		84:	2,749, 116		57:	2,733, 063		44:	2,756, 032
		2,766, 980			2,756, 986			2,772, 876				2,754, 113		59:	2,770, 459		49:	2,765, 172
		2,744, 744			2,763, 479		60:	2,754, 112	2,775, 418		85:	2,755, 082			2,732, 082		54:	2,738, 208
		2,746, 737		21:	2,745, 659		62:	2,741, 476						60:	2,741, 479		55:	2,736, 081
		2,757, 921			2,764, 403		63:	2,729, 443	2,730, 356		86:	2,730, 357			2,753, 184			
		2,769, 630		23:	2,734, 737			2,731, 259	2,738, 832		98:	2,759, 727			2,764, 410			2,752, 155
		2,772, 878			2,740, 621			2,733, 916				2,772, 088		61:	2,755, 457			2,767, 985
53:		2,745, 857			2,743, 101				2,735, 674		94:	2,767, 980		62:	2,732, 204		58:	2,760, 775
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264—	1:	2,753, 173			2,753, 175			2,749, 114				2,731, 262			2,739, 809		67:	2,760, 367
		2,754, 106			2,756, 987			2,758, 832				2,745, 663			2,739, 810			2,757, 002
		2,770, 452			2,762, 621			2,759, 724				2,746, 749			2,752, 153			2,774, 560
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		2,739, 802			2,774, 589		64:	2,733, 090	2,760, 773			2,760, 773			2,761, 681		73:	2,732, 209
		2,752, 145		24:	2,756, 043			2,733, 917		2 15:	2,742, 284		64:	2,742, 286				2,738, 976
		2,757, 922			2,758, 831			2,735, 674			2,740, 628			2,756, 050				2,742, 289
		2,773, 683			2,761, 672			2,738, 971		2 2:	2,751, 223		68:	2,733, 912			74:	2,750, 190
		2,773, 684			2,739, 807			2,740, 625		2 3:	2,729, 446			2,743, 924			75:	2,753, 186
	5:	2,771, 286			2,733, 912			2,766, 037			2,733, 062			2,743, 925			81:	2,772, 090
	6:	2,754, 106			2,760, 771			2,767, 978			2,735, 677			2,766, 045			82:	2,729, 450
		2,755, 078			30:	2,749, 112		2,769, 632			2,742, 283			2,752, 154				
		2,743, 097			31:	2,771, 290		2,747, 862			2,743, 922			2,772, 880				2,739, 814
		2,761, 669			33:	2,756, 044		2,756, 048			2,746, 750			2,758, 838				2,772, 091
		2,775, 442			37:	2,772, 875		2,773, 086			2,747, 866			2,730, 363				2,775, 456
	13:	2,771, 287			35:	2,759, 722		2,744, 750		67:	2,753, 181			2,730, 364		85:		2,735, 082
		2,756, 982			37:	2,766, 034		2,751, 218		69:	2,753, 182			2,732, 025				2,769, 638
		2,733, 910			38:	2,756, 988		2,738, 833			2,753, 183			2,747, 870		86:		2,732, 210
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		2,758, 829		42:	2,747, 858			2,773, 087			2,756, 993			2,769, 633				2,751, 227
		2,738, 968			2,763, 480		23:	2,738, 834			2,759, 729			2,766, 986				2,746, 986
265—	17:	2,741, 471		43:	2,730, 353			2,761, 673			2,765, 165			2,765, 167				2,767, 986
		2,746, 738			2,733, 913			2,774, 590			2,772, 089			2,749, 120		87:	2,750, 192	
		2,758, 830			2,739, 720		26:	2,729, 444			2,775, 449			2,753, 185				2,758, 839
		2,764, 599		267—	1:	2,729, 440		2,739, 808		2 4:	2,729, 447			2,756, 996			88:	2,749, 122
		2,773, 685			2,730, 354			2,758, 835			2,746, 751			2,771, 293				2,757, 003
	7:	2,739, 803			2,731, 256			2,746, 745			2,747, 867			2,732, 206				2,775, 457
		2,756, 041			2,733, 914			2,741, 477			2,747, 868			2,733, 064			93:	2,742, 290
	27:	2,753, 911			2,734, 739			2,741, 478			2,754, 115			2,738, 973				2,769, 639
		2,742, 278			2,734, 740			2,755, 080			2,755, 080		272—	1:	2,730, 365			2,743, 105
		2,754, 107			2,735, 669		58:	2,732, 200			2,756, 994			2,738, 974				2,760, 776
		2,761, 670			2,735, 670		59:	2,732, 201			2,758, 837			2,756, 997				2,774, 597
		2,767, 974			2,735, 671			2,742, 280			2,763, 481			2,764, 411				2,745, 666
		2,746, 739			2,738, 969			2,747, 863			2,767, 981			2,775, 452				2,747, 873
	28:	2,751, 213			2,741, 474			2,747, 864			2,769, 633			2,766, 046			95:	2,771, 294
		2,765, 160			2,744, 747			2,751, 219			2,772, 878			2,757, 930				2,754, 123
	40:	Re.24,200			2,744, 748			2,755, 081		2 5:	2,744, 751			2,732, 207			101:	2,752, 156
		2,754, 108			2,745, 060			2,756, 990			2,754, 116			2,757, 931				2,759, 731
		2,756, 983			2,747, 859			2,758, 836			2,754, 117			2,730, 364		101:		2,745, 999
		2,757, 923			2,747, 860			2,750, 455			2,755, 085			2,742, 287			102:	2,770, 460
		2,764, 400			2,750, 185		63:	2,731, 260			2,768, 826			2,735, 679			102:	1:
	49:	2,729, 438			2,751, 216			2,733, 918			2,769, 635			2,769, 635				2,747, 874
		2,750, 183			2,753, 176		66:	2,735, 675		2 6:	2,730, 359			2,730, 180			102:	2:
		2,753, 174			2,754, 100		72:	2,772, 087			2,746, 752			2,775, 453				2,733, 923
		2,764, 401			2,755, 079			2,738, 972			2,752, 151			2,749, 124				2,748, 128
	52:	2,739, 804			2,765, 162			2,746, 746			2,768, 827			2,739, 811				2,749, 125
		2,756, 984			2,765, 163			2,751, 220			2,772, 870			2,751, 225				2,767, 987
		2,771, 288			2,766, 988			2,752, 150			2,774, 593			2,767, 988			102:	4:
	54:	2,729, 439			2,772, 086			2,753, 179			2,774, 594			2,765, 168			103:	2:
		2,732, 199			2,772, 086			2,755, 082			2,775, 450			2,746, 754				2,734, 745
		2,739, 805			2,775, 443		104:	2,735, 676			2,734, 743			2,755, 087			105:	2:
		2,752, 146			2,775, 444			2,745, 662			2,746, 754			2,762, 634				2,744, 757
		2,771, 289		4:	2,747, 861			2,746, 747			2,733, 919			2,754, 120			105:	3:
	56:	2,741, 472		8:	Re.24,248			2,761, 674			2,755, 678			2,743, 104			106:	2:
		2,768, 823			2,731, 257			2,775, 446			2,759, 729			2,756, 051				2,737, 932
	56:	2,756, 042			2,756, 045		105:	2,767, 979			2,766, 042			2,768, 828				2,761, 685
	62:	2,730, 351			2,764, 404			2,774, 591			2,749, 118			2,742, 288			106:	5:
	63:	2,731, 255			2,766, 035		120:	2,772, 877			2,756, 049			2,733, 065				2,749, 126
		2,739, 806			2,731, 258		123:	2,759, 725			2,760, 769			2,754, 121				2,749, 127
		2,750, 184			2,733, 915		124:	2,731, 261			2,761, 679			2,733, 922			110:	2:
	68:	2,741, 473			2,734, 741		125:	2,740, 626			2,761, 680			2,738, 975			113:	2:
		2,751, 214			2,738, 970		128:	2,755, 083			2,765, 166			2,738, 975			118:	2:
		2,751, 215			2,743, 919		133:	2,756, 991			2,774, 595			2,759, 730				2,753, 187
		2,766, 038			2,746, 744		1:	2,756, 992			2,731, 263			2,764, 412			121:	2:
	70:	2,734, 735			2,749, 113		18:	2,773, 088			2,743, 923			2,772, 881			125:	2:
		2,754, 736			2,752, 149		20:	2,756, 039			2,766, 043			2,743, 920			126:	2:
		2,754, 109			2,753, 177		30:	2,768, 824			2,766, 044			2,747, 871			127:	2:
		2,757, 924			2,766, 036		31:	2,782, 202			2,745, 665			2,764, 413			129:	2:
		2,766, 981			2,767, 976			2,761, 675			2,749, 119			2,763, 483			130:	2:
		2,767, 975			2,775, 445		32:	2,747, 865			2,764, 407			2,740, 630			131:	2:
266—	1:	2,769, 769		11:	2,730, 355		39:	2,729, 445			2,760, 770							



273—	136: 2,774,599	276—	41: 2,768,829	280—	1.195: 2,770,463	280—	44: 2,756,065	280—	112: 2,759,741	280—	415: 2,774,613
	137: 2,733,068	279—	1: 2,735,684		1.196: 2,731,274		2,757,936		2,760,785		420: 2,743,116
	138: 2,730,368		2,741,481		1.203: 2,738,981		2,759,737		2,760,786		425: 2,730,376
	2,746,757		2,762,629		1.21: 2,761,689		2,762,631		2,760,787		426: 2,756,073
	139: 2,734,747		2,769,642		3: 2,750,197		2,766,030		2,760,788		432: 2,730,378
	2,764,414		2,779,457		5: 2,743,934		2,767,997		2,762,220		433: 2,738,988
	140: 2,756,054		2,732,213		2,758,845		2,770,467		2,733,934		434: 2,762,304
	141: 2,758,840		2,733,924		5.2: 2,733,074		2,774,606		2,740,640		435: 2,756,073
	143: 2,731,267		2,734,749		5.22: 2,763,489		2,743,983		2,741,493		436: 2,752,894
	2,754,124		2,734,750		2,755,463		2,773,696		2,746,765		437: 2,756,072
	144: 2,775,458		2,738,980		5.24: 2,772,096		2,757,012		2,742,302		438: 2,749,144
	2,731,268		2,739,818		5.26: 2,747,833		2,761,691		2,746,764		439: 2,737,701
	145: 2,739,815		2,742,296		5.28: 2,738,982		2,774,608		2,746,765		440: 2,746,766
	148: 2,731,269		2,744,756		2,770,464		47.2: 2,775,465		2,746,766		441: 2,737,702
	2,731,270		2,749,133		5.3: 2,740,637		47.22: 2,744,761		2,749,142		442: 2,756,073
	2,740,632		2,750,196		5.32: 2,733,927		47.23: 2,754,139		2,752,166		443: 2,756,074
	149: 2,731,271		2,755,093		6: 2,741,484		47.24: 2,745,675		2,755,099		444: 2,749,144
	2,747,877		2,756,059		2,742,298		2,764,420		2,755,100		445: 2,741,494
	2,755,090		2,759,733		2,747,884		47.26: 2,741,490		2,757,017		446: 2,746,770
	2,757,005		2,765,175		2,749,137		2,745,676		2,757,376		447: 2,768,837
	2,760,779		2,730,370		2,751,231		2,752,163		2,760,787		448: 2,754,133
	2,763,484		2,732,214		2,756,082		47.28: 2,744,762		2,762,633		449: 2,729,460
	2,766,989		2,732,215		2,774,604		47.3: 2,761,690		2,763,494		450: 2,729,460
	150: 2,729,452		4: 2,733,071		7.1: 2,768,834		2,774,607		2,763,495		451: 2,743,117
	2,742,292		2,733,072		7.11: 2,773,695		47.31: 2,742,300		2,768,000		452: 2,771,306
	2,763,485		2,747,880		7.14: 2,750,198		47.33: 2,744,763		2,768,001		453: 2,775,468
	157: 2,739,816		2,768,830		8: 2,740,138		2,757,937		2,768,002		454: 2,742,304
	2,749,129		5: 2,732,216		9: 2,743,112		47.36: 2,763,492		2,772,891		455: 2,730,378
	159: 2,744,754		6: 2,745,668		11.12: 2,764,417		47.37: 2,757,013		2,773,699		456: 2,768,838
	164: 2,766,047		2,763,488		11.13: 2,743,113		62: 2,759,738		2,775,467		457: 2,773,703
	166: 2,765,174		2,768,831		11.2: 2,744,759		2,759,739		2,779,461		458: 2,733,936
	171: 2,750,194		9: 2,733,073		11.26: 2,732,217		2,761,692		2,780,461		459: 2,773,704
	2,756,055		14: 2,764,416		11.28: 2,739,819		79.1: 2,766,993		2,780,462		460: 2,730,378
	174: 2,774,600		14: 2,756,060		2,763,490		2,774,609		2,783,077		461: 2,768,839
	177: 2,742,293		16: 2,749,134		11.35: 2,733,075		81: 2,731,276		2,784,766		462: 2,746,767
	178: 2,742,294		2,768,832		2,742,299		2,761,693		2,785,467		463: 2,749,145
	179: 2,742,295		2,772,094		2,743,072		87: 2,747,886		2,786,998		464: 2,749,146
	180: 2,766,048		19.5: 2,742,298		2,747,885		2,757,014		2,787,468		465: 2,749,147
	181: 2,743,929		19.6: 2,757,007		2,753,188		87.01: 2,766,994		2,788,999		466: 2,749,148
	183: 2,750,195		41: 2,729,458		2,757,011		91: 2,756,066		2,789,469		467: 2,749,149
	186: 2,747,878		2,741,482		2,749,135		93: 2,731,277		2,790,470		468: 2,749,150
	2,772,887		2,749,136		2,760,781		2,730,379		2,791,471		469: 2,749,151
	189: 2,773,691		43: 2,733,925		11.36: 2,731,275		95: 2,767,995		2,792,472		470: 2,749,152
	2,775,091		44: 2,735,685		11.37: 2,741,485		2,760,783		2,793,473		471: 2,749,153
	191: 2,756,056		46: 2,741,483		12: 2,738,690		2,761,694		2,794,474		472: 2,749,154
	192: 2,754,125		2,747,881		2,770,465		2,766,001		2,795,475		473: 2,749,155
	193: 2,743,930		2,752,161		12.11: 2,739,820		2,771,300		2,796,476		474: 2,749,156
	199: 2,743,931		48: 2,767,989		13: 2,741,486		96.2: 2,734,753		2,797,477		475: 2,749,157
	202: 2,741,480		2,773,693		16: 2,771,298		2,749,139		2,798,478		476: 2,749,158
	1: 2,732,212		50: 2,730,371		22: 2,766,992		2,756,067		2,799,479		477: 2,749,159
	2,737,006		2,733,686		28: 2,741,487		2,761,695		2,800,480		478: 2,749,160
	2,760,780		2,749,136		30: 2,730,372		2,761,696		2,801,481		479: 2,749,161
	2,766,990		51: 2,733,687		31: 2,733,928		2,761,697		2,802,482		480: 2,749,162
	4: 2,729,453		2,769,645		32.5: 2,734,751		2,771,302		2,803,483		481: 2,749,163
	2,729,454		2,773,694		33.99: 2,764,419		2,745,678		2,804,484		482: 2,749,164
	2,733,069		53: 2,735,688		2,768,049		2,763,493		2,805,485		483: 2,749,165
	2,744,755		2,746,758		2,769,645		103: 2,733,932		2,806,486		484: 2,749,166
	10: 2,729,455		55: 2,770,461		34: 2,738,983		2,734,754		2,807,487		485: 2,749,167
	2,729,456		56: 2,770,462		35: 2,730,373		2,734,755		2,808,488		486: 2,749,168
	2,731,272		57: 2,772,093		36: 2,733,076		2,739,821		2,809,489		487: 2,749,169
	2,735,688		72: 2,742,297		37: 2,765,178		2,741,491		2,810,490		488: 2,749,170
	2,739,817		74: 2,735,689		38: 2,733,929		2,742,301		2,811,491		489: 2,749,171
	2,743,109		75: 2,746,759		39: 2,733,930		2,743,939		2,812,492		490: 2,749,172
	2,747,879		76: 2,771,296		40: 2,735,690		2,745,677		2,813,493		491: 2,749,173
	2,749,130		77: 2,733,926		41: 2,733,931		2,746,761		2,814,494		492: 2,749,174
	2,752,159		78: 2,751,229		42: 2,740,638		2,746,762		2,815,495		493: 2,749,175
	2,761,686		79: 2,767,990		43: 2,740,639		2,749,140		2,816,496		494: 2,749,176
	2,761,687		80: 2,767,991		44: 2,738,984		2,749,141		2,817,497		495: 2,749,177
	2,762,626		81: 2,731,273		45: 2,755,096		2,749,142		2,818,498		496: 2,749,178
	2,763,486		82: 2,767,992		46: 2,757,007		2,750,200		2,819,499		497: 2,749,179
	2,763,487		83: 2,767,993		47: 2,758,847		2,750,201		2,820,500		498: 2,749,180
	2,764,415		84: 2,770,463		48: 2,760,782		2,751,165		2,821,501		499: 2,749,181
	2,775,459		85: 2,761,688		49: 2,765,178		2,751,166		2,822,502		500: 2,749,182
	11: 2,733,070		102: 2,759,734		50: 2,732,218		2,751,167		2,823,503		501: 2,749,183
	12: 2,740,633		2,771,297		51: 2,733,932		2,751,168		2,824,504		502: 2,749,184
	13: 2,730,369		106: 2,740,635		52: 2,735,691		2,751,169		2,825,505		503: 2,749,185
	14: 2,772,093		2,747,882		53: 2,737,990		2,751,170		2,826,506		504: 2,749,186
	22: 2,756,057		2,762,630		54: 2,739,821		2,751,171		2,827,507		505: 2,749,187
	28: 2,743,110		110: 2,757,008		55: 2,741,489		2,751,172		2,828,508		506: 2,749,188
	36: 2,756,058		2,759,735		56: 2,743,930		2,751,173		2,829,509		507: 2,749,189
	37: 2,742,295		112: 2,757,009		57: 2,745,679		2,751,174		2,830,510		508: 2,749,190
	2,749,131		2,757,010		58: 2,747,880		2,751,175		2,831,511		509: 2,749,191
	2,771,295		114: 2,744,757		59: 2,749,131		2,751,176		2,832,512		510: 2,749,192
	35: 2,759,732		200—		60: 2,751,230		2,751,177		2,833,513		511: 2,749,193
	2,775,460		1: 2,775,461		61: 2,753,181		2,751,178		2,834,514		512: 2,749,194
	2,754,126		1.12: 2,755,095		62: 2,755,096		2,751,179		2,835,515		513: 2,749,195
	2,755,841		1.14: 2,740,636		63: 2,756,997		2,751,180		2,836,516		514: 2,749,196
	5: 2,769,641		1.17: 2,765,177		64: 2,758,848		2,751,181		2,837,517		515: 2,749,197
	8: 2,738,942		1.182: 2,759,736		65: 2,760,789		2,751,182		2,838,518		516: 2,749,198
	2,766,991		2,768,833		66: 2,762,631		2,751,183		2,839,519		517: 2,749,199
	14: 2,762,628		1.192: 2,752,162		67: 2,764,417		2,751,184		2,840,520		518: 2,749,200
	10: 2,749,132		2,768,844		68: 2,766,998		2,751,185		2,841,521		519: 2,749,201
					69: 2,769,649		2,751,186		2,842,522		520: 2,749,202
					70: 2,772,299		2,751,187		2,843,523		521: 2,749,203
					71: 2,774,949		2,751,188		2,844,524		522: 2,749,204
					72: 2,777,599		2,751,189		2,845,525		523: 2,749,205

285—	1: 2,733,937 2,743,945 2,746,772 2,746,773 2: 2,732,225 3: 2,732,226 4: 2,756,134 5: 2,729,472 2,766,996 6.5: 2,738,989 2,744,769 7: 2,755,106 2,755,107 2,757,942 9: 2,745,682 11: 2,740,446 18: 2,775,469 22: 2,732,227 2,733,938 2,735,697 2,745,683 2,751,235 2,764,426 23: 2,768,841 24.5: 2,738,990 27: 2,773,707 30: 2,730,381 2,733,939 2,738,991 2,749,149 31: 2,743,964 2,757,023 2,769,467 33: 2,774,616 38: 2,746,774 47: 2,747,896 47: 2,764,427 2,757,943 54: 2,765,182 56: 2,735,698 59: 2,738,992 64: 2,773,708 71: 2,735,699 2,774,617 72: 2,733,940 2,774,150 2,750,210 84: 2,773,941 2,741,496 86: 2,731,279 87: 2,765,183 90: 2,738,993 2,739,828 2,752,172 93: 2,772,100 2,770,475 95: 2,756,077 2,759,743 96: 2,760,791 2,775,470 96.1: 2,745,684 96.6: 2,729,473 97.3: 2,730,382 2,749,151 97.8: 2,753,080 97.9: 2,729,474 101: 2,754,135 106: 2,754,136 110: 2,732,228 2,769,648 111: 2,732,229 112: 2,759,744 114: 2,751,236 115: 2,730,389 120: 2,749,152 122: 2,735,700 2,738,994 129: 2,731,280 2,747,897 2,752,173 134: 2,758,850 2,732,230 136: 2,768,842 137: 2,768,843 140: 2,768,007 142: 2,741,497 2,747,898 143: 2,730,388 146: 2,745,685 149: 2,733,996 153: 2,757,944 155: 2,762,635 156: 2,757,024 161: 2,730,384 2,741,498 164: 2,761,701 165: 2,742,306 2,746,775 2,764,137 2,764,428 166: 2,747,899 169: 2,744,770 2,749,153	285—	169: 2,771,309 173: 2,749,154 174: 2,732,231 175: 2,769,649 177: 2,744,771 2,754,138 179: 2,768,844 184: 2,754,139 2,762,636 187: 2,773,709 2,775,471 189: 2,735,108 2,764,429 190: 2,772,897 2,772,898 194: 2,749,155 2,752,174 2,756,078 196: 2,738,995 2,747,900 200: 2,737,025 2,762,697 2,771,301 201: 2,750,211 2,741,499 210: 2,751,237 211: 2,730,385 223: 2,774,618 228: 2,766,997 231: 2,770,476 232: 2,755,109 245: 2,764,430 251: 2,768,009 2,763,499 261: 2,758,851 286: 2,768,010 291: 2,766,054 299: 2,771,311 302: 2,770,702 326: 2,761,703 331: 2,755,110 2,761,704 338: 2,772,899 334: 2,772,102 336: 2,753,197 340: 2,757,945 341: 2,760,998 2,766,999 342: 2,755,111 2,768,846 343: 2,758,852 2,775,472 356: 2,761,706 357: 2,761,707 368: 2,768,847 373: 2,760,792 405: 2,755,112 408: 2,756,079 415: 2,764,431 419: 2,757,946 5: 2,733,081 2,734,757 2,734,758 2,741,500 2,743,119 2,745,686 2,746,776 2,750,212 2,755,113 2,764,432 2,764,433 6: 2,764,759 2,743,947 2,746,777 2,746,778 2,750,213 2,757,026 2,758,853 2,758,854 2,738,995 7: 2,768,855 2,761,708 9: 2,732,232 2,738,996 2,743,120 2,752,175 2,761,709 2,772,103 10: 2,740,647 2,750,214 2,773,711 11: Re.24,135 2,729,475 2,740,648 2,743,121 2,743,948 2,744,772 2,747,901 2,749,156 2,750,215 2,752,176 2,753,198	286—	11: 2,756,080 2,738,856 2,757,030 2,762,639 2,772,902 96: 2,770,478 2,735,703 2,747,902 2,754,140 2,760,794 2,761,711 2,761,712 11.15: 2,744,774 2,751,238 2,752,177 2,760,795 2,768,011 2,770,477 11.16: 2,729,477 15: 2,742,306 2,764,434 2,765,184 16: 2,743,122 16.1: 2,731,281 16.3: 2,762,638 19: 2,760,386 22: 2,743,949 26: 2,729,478 2,738,997 2,738,857 2,772,900 2,774,619 27: 2,731,282 30: 2,745,687 2,765,185 31: 2,744,775 38: 2,756,081 3: 2,772,901 32: 2,730,380 14: 2,735,702 2,745,688 2,769,650 20: 2,731,283 2,742,307 2,744,776 2,755,114 2,767,000 20.2: 2,760,790 2,760,797 2,764,436 20.5: 2,738,998 23: 2,731,570 49: 2,760,798 51: 2,760,799 52: 2,764,437 52.02: 2,761,978 52.04: 2,760,800 52.06: 2,749,157 52.08: 2,757,027 52.09: 2,739,850 52.09: 2,729,479 5: 2,730,387 2,733,083 2,733,942 2,741,501 2,744,777 2,745,689 2,760,801 2,761,713 2,773,712 54: 2,732,233 2,733,084 2,746,780 2,764,438 2,767,001 2,767,002 54.1: 2,777,033 58: 2,734,760 2,749,158 2,756,082 75: 2,749,159 76: 2,755,115 81: 2,729,480 85: 2,740,650 2,740,651 2,749,160 2,757,028 2,752,183 2,771,312 2,772,104 2,773,720 87: 2,733,085 2,733,086 2,740,649 2,768,848 89: 2,756,083 2,767,004 90: 2,733,087 2,749,161 2,752,178 2,754,141 2,755,116	287—	90: 2,757,029 2,761,715 91: 2,757,030 2,763,425 2,772,902 96: 2,770,478 2,735,703 2,738,999 100: 2,769,651 101: 2,759,745 103: 2,730,388 108: 2,739,000 114: 2,770,795 119: 2,749,162 2,751,239 2,752,179 2,755,111 2,770,479 125: 2,733,943 127: 2,735,705 288—	288—	2: 2,743,950 2,761,781 2,765,186 3: 2,743,951 2,760,802 2,768,849 4: 2,757,947 7: 2,755,118 11: 2,731,284 2,768,012 13: 2,729,481 2,729,482 2,731,285 14: 2,772,106 2,762,640 19: 2,752,180 20: 2,739,001 2,747,905 2,750,216 2,772,903 21: 2,753,199 23: 2,760,055 2,774,621 26: 2,729,483 29: 2,757,948 33: 2,752,181 1: 2,729,484 10: 2,763,501 17: 2,738,858 2: 2,773,713 290—	290—	2: 2,765,414 Re.24,179 3: 2,761,569 2,731,570 2,749,450 2,753,463 10: 2,757,294 2,761,978 30: 2,762,933 31: 2,769,099 36: 2,729,750 2,747,108 38: 2,730,390 2,739,247 2,757,295 2,769,100 2,769,105 171: 2,746,783 40: 2,729,751 2,740,654 50: 2,748,294 52: 2,773,167 54: 2,743,975 2,767,381 2,767,406 2,772,904 23: 2,760,389 2,768,013 25: 2,775,474 2,752,182 2,763,502 38: 2,742,308 4: 2,743,952 2,749,485 2,753,234 2,733,088 2,733,089 2,743,123 2,745,690 2,752,183 2,753,200 2,737,949 2,758,859 2,760,803 2,765,187 2,775,475 3: 2,768,850 6: 2,731,286 2,757,031 7: 2,754,143 11: 2,755,119 17: 2,747,908 2,749,163	292—	18: 2,772,106 24: 2,739,002 27: 2,743,124 28: 2,743,125 30: 2,768,851 34: 2,732,235 2,735,706 2,757,032 36: 2,731,239 2,772,905 39: 2,743,126 52: 2,758,860 57: 2,735,707 2,758,861 63: 2,762,641 64: 2,753,201 65: 2,732,236 67: 2,732,237 70: 2,767,005 71: 2,752,184 74: 2,755,120 76: 2,731,287 2,743,127 2,761,716 78: 2,752,185 87: 2,756,084 92: 2,729,486 2,746,782 2,747,906 2,762,642 94: 2,750,217 97: 2,750,217 100: 2,742,309 107: 2,729,488 108: 2,772,107 113: 2,732,238 2,772,908 21: 2,749,164 123: 2,745,691 124: 2,764,439 127: 2,767,006 139: 2,752,186 140: 2,750,218 142: 2,771,313 143: 2,729,489 145: 2,730,390 2,759,746 146: 2,766,057 164: 2,760,804 165: 2,758,862 166: 2,733,091 169: 2,730,391 2,732,239 2,738,945 2,763,506 2,741,502 2,742,310 2,747,907 2,755,121 2,760,747 2,768,014 2,769,652 2,770,481 171: 2,746,783 2,757,033 2,763,503 2,764,440 2,764,441 175: 2,732,240 2,746,784 2,751,241 2,768,852 182: 2,735,708 190: 2,744,442 194: 2,729,490 198: 2,732,241 2,750,219 201: 2,730,392 2,754,144 202: 2,742,311 2,759,748 2,763,504 204: 2,740,652 2,740,653 210: 2,745,692 212: 2,772,906 216: 2,734,761 2,749,166 2,758,863 2,767,007 226: 2,749,167 2,756,086 229: 2,751,242 2,751,286 230: 2,749,168 240: 2,764,438 241: 2,735,709 2,742,312 2,747,908 2,759,749	292—	241: 2,767,008 244: 2,730,393 246: 2,770,482 2,773,714 2,739,003 247: 2,747,909 2,747,910 290: 2,744,778 251: 2,741,503 2,733,092 251.5: 2,733,092 2,761,717 2,761,718 252: 2,773,715 254: 2,766,058 255: 2,741,504 256: 2,730,394 2,729,491 256.6: 2,734,762 2,746,785 2,767,009 256.65: 2,756,087 256.69: 2,753,203 257.75: 2,752,187 2,765,188 258: 2,731,288 2,743,128 259: 2,746,786 263: 2,745,692 264: 2,755,122 265: 2,760,805 278: 2,744,779 280: 2,735,710 2,762,643 2,767,001 2,772,908 281: 2,761,719 2,764,444 284: 2,734,763 285: 2,762,644 2,774,622 302: 2,738,864 304: 2,742,313 2,763,505 305: 2,730,395 307: 2,772,109 308: 2,772,909 31: 2,753,123 315: 2,771,314 2,761,720 323: 2,740,654 2,750,220 325: 2,738,865 332: 2,733,093 2,749,169 2,752,188 333: 2,734,764 336: 2,752,189 336.3: 2,739,831 2,742,314 2,759,750 2,761,721 2,766,059 337: 2,739,004 2,751,243 2,759,752 2,764,445 2,768,015 338: 2,730,396 339: 2,739,005 340: 2,743,953 2,765,189 341.12: 2,729,492 2,761,722 341.15: 2,753,205 341.16: 2,767,011 2,741,505 2,753,206 2,753,207 2,762,645 2,772,110 341.18: 2,750,221 2,759,753 342: 2,767,012 346: 2,735,711 351: 2,731,289 2,731,290 352: 2,739,006 358: 2,731,244 2,734,765 62: 2,759,753 63: 2,759,750 64: 2,749,170 67: 2,741,504 69: 2,764,446 71: 2,739,891 2,740,396 2,762,646
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293—	71: 2,769,653	294—	109: 2,745,694	296—	85: 2,765,191	299—	24: 2,766,068	299—	73: 2,759,766	299—	106: 2,752,201
	88: 2,757,990		110: 2,730,399		2,754,147		2,766,069		2,772,115		107: 2,731,299
294—	7: 2,755,124		111: 2,755,124		2,757,054		2,734,770		2,742,320		2,734,775
	2,755,190		2,757,953	95: 2,743,937	2,754,148		2,754,150		2,744,788		2,742,322
	11: 2,751,245		113: 2,743,954	2,754,148	2,766,070		2,766,070		2,756,101		2,743,136
	15: 2,739,007		2,749,173	97: 2,740,659	2,744,783		2,768,028		2,770,499		2,761,735
	16: 2,757,951		115: 2,744,780	2,744,783	2,746,790		2,766,097		2,735,717		2,768,032
	19: 2,731,291		2,747,917	2,746,790	2,747,925		2,747,931		2,732,198		2,753,216
	2,739,832		2,746,788	2,747,925	2,747,926	28.5: 2,747,931	28.6: 2,741,508		2,730,238		107.2: 2,740,668
	2,750,222		2,766,061	2,747,927	2,747,927		2,774,625		2,755,985		2,740,669
	2,760,807		2,745,695	2,755,126	2,755,126		2,749,176		2,756,102		2,759,770
	20: 2,766,090		2,761,727	2,757,955	2,757,955		2,769,663		2,759,767		2,759,771
	21: 2,768,855	295—	27: 2,768,860	2,772,916	2,772,916		2,772,920		2,760,819		2,762,654
	22: 2,762,647		36: 2,747,918	2,759,759	2,759,759		2,762,651		2,760,820		2,770,500
	23: 2,739,008		43: 2,759,759	2,730,400	2,730,400		2,731,295		2,764,452		2,740,669
23.5: 2,768,016		296—	1: 2,730,400	2,743,132	2,743,132		2,732,254		2,772,116		107.3: 2,755,133
25: 2,730,397			2,730,400	2,757,041	2,757,041		2,737,958		2,774,627		107.6: 2,733,960
2,734,766			2,754,145	2,760,811	2,760,811		2,765,195		2,744,789		2,743,961
26: 2,749,172			2,760,811	2,766,062	2,766,062		2,771,319		2,743,134		2,746,800
2,752,190			10: 2,766,062	2,766,062	2,766,062		2,771,319		2,744,789		2,749,181
2,757,952			15: 2,771,319	2,766,062	2,766,062		2,771,319		2,749,177		2,749,182
2,772,111			27: 2,771,319	2,766,062	2,766,062		2,771,319		2,753,212		2,753,217
27: 2,742,315			28: 2,761,723	2,766,062	2,766,062		2,771,319		2,753,213		2,756,106
28: 2,761,723			29: 2,747,919	2,766,062	2,766,062		2,771,319		2,753,213		2,757,967
29: 2,747,919			21: 2,744,781	2,766,062	2,766,062		2,771,319		2,753,213		2,757,968
2,775,476			22: 2,767,013	2,766,062	2,766,062		2,771,319		2,753,213		2,768,860
31: 2,756,089			23: 2,733,094	2,766,062	2,766,062		2,771,319		2,753,213		2,769,669
2,757,034			24: 2,733,094	2,766,062	2,766,062		2,771,319		2,753,213		2,771,321
2,768,858			25: 2,733,094	2,766,062	2,766,062		2,771,319		2,753,213		2,781,300
2,768,017			26: 2,733,094	2,766,062	2,766,062		2,771,319		2,753,213		2,781,301
31.2: 2,740,655			27: 2,733,094	2,766,062	2,766,062		2,771,319		2,753,213		2,781,302
2,743,129			28: 2,733,094	2,766,062	2,766,062		2,771,319		2,753,213		2,781,303
2,759,756			29: 2,733,094	2,766,062	2,766,062		2,771,319		2,753,213		2,781,304
2,760,808			30: 2,733,094	2,766,062	2,766,062		2,771,319		2,753,213		2,781,305
34: 2,733,947			31: 2,733,947	2,766,062	2,766,062		2,771,319		2,753,213		2,781,306
49: 2,750,223			32: 2,733,947	2,766,062	2,766,062		2,771,319		2,753,213		2,781,307
2,775,477			33: 2,733,947	2,766,062	2,766,062		2,771,319		2,753,213		2,781,308
50.5: 2,735,712			34: 2,733,947	2,766,062	2,766,062		2,771,319		2,753,213		2,781,309
50.8: 2,729,493			35: 2,733,947	2,766,062	2,766,062		2,771,319		2,753,213		2,781,310
50.9: 2,730,489			36: 2,733,947	2,766,062	2,766,062		2,771,319		2,753,213		2,781,311
57: 2,763,506			37: 2,733,947	2,766,062	2,766,062		2,771,319		2,753,213		2,781,312
58: 2,772,910			38: 2,733,947	2,766,062	2,766,062		2,771,319		2,753,213		2,781,313
61: 2,732,242			39: 2,733,947	2,766,062	2,766,062		2,771,319		2,753,213		2,781,314
62: 2,741,506			40: 2,733,947	2,766,062	2,766,062		2,771,319		2,753,213		2,781,315
63: 2,761,724			41: 2,733,947	2,766,062	2,766,062		2,771,319		2,753,213		2,781,316
2,768,018			42: 2,733,947	2,766,062	2,766,062		2,771,319		2,753,213		2,781,317
64: 2,747,913			43: 2,733,947	2,766,062	2,766,062		2,771,319		2,753,213		2,781,318
65.5: 2,729,494			44: 2,733,947	2,766,062	2,766,062		2,771,319		2,753,213		2,781,319
2,732,243			45: 2,733,947	2,766,062	2,766,062		2,771,319		2,753,213		2,781,320
2,733,948			46: 2,733,947	2,766,062	2,766,062		2,771,319		2,753,213		2,781,321
2,733,949			47: 2,733,947	2,766,062	2,766,062		2,771,319		2,753,213		2,781,322
2,734,767			48: 2,733,947	2,766,062	2,766,062		2,771,319		2,753,213		2,781,323
2,760,809			49: 2,733,947	2,766,062	2,766,062		2,771,319		2,753,213		2,781,324
2,760,810			50: 2,733,947	2,766,062	2,766,062		2,771,319		2,753,213		2,781,325
66: 2,760,810			51: 2,733,947	2,766,062	2,766,062		2,771,319		2,753,213		2,781,326
67: 2,735,713			52: 2,733,947	2,766,062	2,766,062		2,771,319		2,753,213		2,781,327
2,766,090			53: 2,733,947	2,766,062	2,766,062		2,771,319		2,753,213		2,781,328
2,757,035			54: 2,733,947	2,766,062	2,766,062		2,771,319		2,753,213		2,781,329
2,757,036			55: 2,733,947	2,766,062	2,766,062		2,771,319		2,753,213		2,781,330
69: 2,772,911			56: 2,733,947	2,766,062	2,766,062		2,771,319		2,753,213		2,781,331
71: 2,746,787			57: 2,733,947	2,766,062	2,766,062		2,771,319		2,753,213		2,781,332
74: 2,770,484			58: 2,733,947	2,766,062	2,766,062		2,771,319		2,753,213		2,781,333
2,771,315			59: 2,733,947	2,766,062	2,766,062		2,771,319		2,753,213		2,781,334
78: 2,761,725			60: 2,733,947	2,766,062	2,766,062		2,771,319		2,753,213		2,781,335
79: 2,750,224			61: 2,733,947	2,766,062	2,766,062		2,771,319		2,753,213		2,781,336
81: 2,730,398			62: 2,733,947	2,766,062	2,766,062		2,771,319		2,753,213		2,781,337
82: 2,732,244			63: 2,733,947	2,766,062	2,766,062		2,771,319		2,753,213		2,781,338
83: 2,729,495			64: 2,733,947	2,766,062	2,766,062		2,771,319		2,753,213		2,781,339
2,729,496			65: 2,733,947	2,766,062	2,766,062		2,771,319		2,753,213		2,781,340
2,732,245			66: 2,733,947	2,766,062	2,766,062		2,771,319		2,753,213		2,781,341
2,732,246			67: 2,733,947	2,766,062	2,766,062		2,771,319		2,753,213		2,781,342
2,740,656			68: 2,733,947	2,766,062	2,766,062		2,771,319		2,753,213		2,781,343
2,756,091			69: 2,733,947	2,766,062	2,766,062		2,771,319		2,753,213		2,781,344
2,758,867			70: 2,733,947	2,766,062	2,766,062		2,771,319		2,753,213		2,781,345
2,769,654			71: 2,733,947	2,766,062	2,766,062		2,771,319		2,753,213		2,781,346
2,771,316			72: 2,733,947	2,766,062	2,766,062		2,771,319		2,753,213		2,781,347
86: 2,734,768			73: 2,733,947	2,766,062	2,766,062		2,771,319		2,753,213		2,781,348
87: 2,747,914			74: 2,733,947	2,766,062	2,766,062		2,771,319		2,753,213		2,781,349
87.2: 2,740,657			75: 2,733,947	2,766,062	2,766,062		2,771,319		2,753,213		2,781,350
87.22: 2,732,247			76: 2,733,947	2,766,062	2,766,062		2,771,319		2,753,213		2,781,351
87.24: 2,747,915			77: 2,733,947	2,766,062	2,766,062		2,771,319		2,753,213		2,781,352
88: 2,732,244			78: 2,733,947	2,766,062	2,766,062		2,771,319		2,753,213		2,781,353
89: 2,732,245			79: 2,733,947	2,766,062	2,766,062		2,771,319		2,753,213		2,781,354
2,739,009			80: 2,733,947	2,766,062	2,766,062		2,771,319		2,753,213		2,781,355
2,757,037			81: 2,733,947	2,766,062	2,766,062		2,771,319		2,753,213		2,781,356
90: 2,770,485			82: 2,733,947	2,766,062	2,766,062		2,771,319		2,753,213		2,781,357
92: 2,776,092			83: 2,733,947	2,766,062	2,766,062		2,771,319		2,753,213		2,781,358
2,764,447			84: 2,733,947	2,766,062	2,766,062		2,771,319		2,753,213		2,781,359
93: 2,752,191			85: 2,733,947	2,766,062	2,766,062		2,771,319		2,753,213		2,781,360
2,759,757			86: 2,733,947	2,766,062	2,766,062		2,771,319		2,753,213		2,781,361
2,763,507			87: 2,733,947	2,766,062	2,766,062		2,771,319		2,753,213		2,781,362
94: 2,769,655			88: 2,733,947	2,766,062	2,766,062		2,771,319		2,753,213		2,781,363
95: 2,768,019			89: 2,733,947	2,766,062	2,766,062		2,771,319		2,753,213		2,781,364
96: 2,732,249			90: 2,733,947	2,766,062	2,766,062		2,771,319		2,		

300—	1: 2,752,202	302—	49: 2,757,049	305—	10: 2,739,017	307—	105: 2,753,468	308—	72: 2,766,079	308—	214: 2,770,509
	2: 2,756,127	52: 2,756,125	52: 2,756,125		10: 2,740,140	106: 2,762,022					216: 2,755,149
	2,756,109	2,746,810	2,746,810		2,746,811	2,760,088					217: 2,772,128
	2,760,827	2,753,220	2,753,220		2,746,812	2,760,089					226: 2,739,853
21: 2,735,721		53: 2,731,302	2,733,993		2,749,189	2,760,090					228: 2,750,239
	2,735,014		2,733,993		2,754,157	2,769,927					231: 2,755,150
301—	1: 2,722,722		2,734,782		2,755,146	2,765,022	108: 2,762,937				236: 2,740,676
	2,751,255		2,745,964		2,761,744	2,767,107					244: 2,744,801
	5: 2,775,487		2,744,793		2,761,745	2,769,101					249: 2,749,192
5: 7: 2,734,777			2,758,881		2,772,125	2,773,199					272: 2,772,929
	6: 2,757,970		2,758,882		2,775,492	2,775,207	110: 2,773,207				277: 2,728,521
	2,773,723		2,761,740	306—	11: 2,769,673	2,781,572	112: 2,781,572				287: 2,766,083
8: 2,734,778			2,761,741		17: 2,763,517	2,785,023					288: 2,752,210
9: 2,746,804			2,762,658		33: 2,754,158	2,785,023					290: 2,750,350
2: 2,755,138			2,763,515		41: 2,752,207	2,785,023					293: 2,757,055
7: 2,707,028			2,769,672		44: 2,771,325	2,787,329					240: 2,729,522
2,774,632			2,770,504	307—	2: 2,760,081	2,774,889					252: 2,752,211
36: 2,757,971			2,772,122		10: 2,762,938	2,782,938					243: 2,747,952
37: Re 2,744,105			2,772,123		2,764,701	2,784,901					262: 2,762,667
Re 2,744,229		56: 2,756,112	2,772,123		2,764,699	2,785,023					3: 2,731,312
2,729,508		57: 2,758,883	2,772,123		2,768,311	2,785,023					2,739,908
2,729,509			2,758,884		2,768,311	2,785,023					2,757,056
2,729,510			2,771,323		2,768,311	2,785,023					2,735,735
2,729,511			2,739,964		2,768,311	2,785,023					2,741,518
2,729,512			2,739,964		2,768,311	2,785,023					2,742,333
2,731,301			2,739,964		2,768,311	2,785,023					2,744,302
2,732,260			2,743,965		2,768,311	2,785,023					2,750,240
2,732,261			2,752,203		2,768,311	2,785,023					2,753,230
2,732,262			2,753,221		2,768,311	2,785,023					2,757,963
2,733,104			2,767,031		2,768,311	2,785,023					2,764,457
2,734,779			2,767,031		2,768,311	2,785,023					2,770,510
2,746,805			2,767,031		2,768,311	2,785,023					2,772,921
2,746,806			2,767,031		2,768,311	2,785,023					2,772,922
2,747,940			2,767,031		2,768,311	2,785,023					2,773,919
2,749,184			2,767,031		2,768,311	2,785,023					2,773,920
2,749,185			2,767,031		2,768,311	2,785,023					2,773,921
2,749,186			2,767,031		2,768,311	2,785,023					2,773,922
2,751,256			2,767,031		2,768,311	2,785,023					2,773,923
2,755,139			2,767,031		2,768,311	2,785,023					2,773,924
2,755,140			2,767,031		2,768,311	2,785,023					2,773,925
2,755,141			2,767,031		2,768,311	2,785,023					2,773,926
2,756,110			2,767,031		2,768,311	2,785,023					2,773,927
2,757,972			2,767,031		2,768,311	2,785,023					2,773,928
2,757,973			2,767,031		2,768,311	2,785,023					2,773,929
2,757,974			2,767,031		2,768,311	2,785,023					2,773,930
2,757,975			2,767,031		2,768,311	2,785,023					2,773,931
2,757,976			2,767,031		2,768,311	2,785,023					2,773,932
2,757,977			2,767,031		2,768,311	2,785,023					2,773,933
2,757,978			2,767,031		2,768,311	2,785,023					2,773,934
2,757,979			2,767,031		2,768,311	2,785,023					2,773,935
2,757,980			2,767,031		2,768,311	2,785,023					2,773,936
2,757,981			2,767,031		2,768,311	2,785,023					2,773,937
2,757,982			2,767,031		2,768,311	2,785,023					2,773,938
2,757,983			2,767,031		2,768,311	2,785,023					2,773,939
2,757,984			2,767,031		2,768,311	2,785,023					2,773,940
2,757,985			2,767,031		2,768,311	2,785,023					2,773,941
2,757,986			2,767,031		2,768,311	2,785,023					2,773,942
2,760,828			2,767,031		2,768,311	2,785,023					2,773,943
2,760,829			2,767,031		2,768,311	2,785,023					2,773,944
2,761,739			2,767,031		2,768,311	2,785,023					2,773,945
2,762,027			2,767,031		2,768,311	2,785,023					2,773,946
2,767,028			2,767,031		2,768,311	2,785,023					2,773,947
2,767,029			2,767,031		2,768,311	2,785,023					2,773,948
2,772,924			2,767,031		2,768,311	2,785,023					2,773,949
2,774,633			2,767,031		2,768,311	2,785,023					2,773,950
2,774,634			2,767,031		2,768,311	2,785,023					2,773,951
41: 2,733,963			2,767,031		2,768,311	2,785,023					2,773,952
2,743,139			2,767,031		2,768,311	2,785,023					2,773,953
44: 2,735,723			2,767,031		2,768,311	2,785,023					2,773,954
47: 2,730,406			2,767,031		2,768,311	2,785,023					2,773,955
47: 2,730,406			2,767,031		2,768,311	2,785,023					2,773,956
63: 2,734,780			2,767,031		2,768,311	2,785,023					2,773,957
2,768,862			2,767,031		2,768,311	2,785,023					2,773,958
108: 2,754,154			2,767,031		2,768,311	2,785,023					2,773,959
14: 2,744,720			2,767,031		2,768,311	2,785,023					2,773,960
2,749,187			2,767,031		2,768,311	2,785,023					2,773,961
2,749,188			2,767,031		2,768,311	2,785,023					2,773,962
2,749,189			2,767,031		2,768,311	2,785,023					2,773,963
2,749,190			2,767,031		2,768,311	2,785,023					2,773,964
2,749,191			2,767,031		2,768,311	2,785,023					2,773,965
2,749,192			2,767,031		2,768,311	2,785,023					2,773,966
2,749,193			2,767,031		2,768,311	2,785,023					2,773,967
2,749,194			2,767,031		2,768,311	2,785,023					2,773,968
2,749,195			2,767,031		2,768,311	2,785,023					2,773,969
2,749,196			2,767,031		2,768,311	2,785,023					2,773,970
2,749,197			2,767,031		2,768,311	2,785,023					2,773,971
2,749,198			2,767,031		2,768,311	2,785,023					2,773,972
2,749,199			2,767,031		2,768,311	2,785,023					2,773,973
2,749,200			2,767,031		2,768,311	2,785,023					2,773,974
2,749,201			2,767,031		2,768,311	2,785,023					2,773,975
2,749,202			2,767,031		2,768,311	2,785,023					2,773,976
2,749,203			2,767,031		2,768,311	2,785,023					2,773,977
2,749,204			2,767,031		2,768,311	2,785,023					2,773,978
2,749,205			2,767,031		2,768,311	2,785,023					2,773,979
2,749,206			2,767,031		2,768,311	2,785,023					2,773,980
2,749,207			2,767,031		2,768,311	2,785,023					2,773,981
2,749,208			2,767,031		2,768,311	2,785,023					2,773,982
2,749,209			2,767,031		2,768,311	2,785,023					2,773,983
2,749,210			2,767,031		2,768,311	2,785,023					2,773,984
2,749,211			2,767,031		2,768,311	2,785,023					2,773,985
2,749,212			2,767,031		2,768,311	2,785,023					2,773,986
2,749,213			2,767,031		2,768,311	2,785,023					2,773,987
2,749,214			2,767,031		2,768,311	2,785,023					2,773,988
2,749,215			2,767,031		2,768,311	2,785,023					2,773,989
2,749,216			2,767,031		2,768,311	2,785,023					2,773,990
2,749,217			2,767,031		2,768,311	2,785,023					2,773,991
2,749,218			2,767,031		2,768,311	2,785,023					2,773,992
2,749,219			2,767,031		2,768,311	2,785,023					2,773,993
2,749,220			2,767,031		2,768,311	2,785,023					2,773,994
2,749,221			2,767,031		2,768,311	2,785,023					2,773,995
2,749,222			2,767,031		2,768,311	2,785,023					2,773,996
2,749,223			2,767,031		2,768,311	2,785,023					2,773,997
2,749,224			2,767,031		2,768,311	2,785,023					2,773,998
2,749,225			2,767,031		2,768,311	2,785,023					2,773,999
2,749,226											



309—	45: 2,772,129	310—	65: 2,773,203	310—	212: 2,767,340	311—	39: 2,733,970	312—	212: 2,765,206	312—	352: 2,762,678
46: 2,768,865		66: 2,773,027		213: 2,767,030		2: 2,742,337	2: 2,740,420	213: 2,730,430	313—	2: 2,744,207	
310—	2,735,949	67: 2,735,028		216: 2,774,000		2,746,822	2,746,822	214: 2,732,272		3: 2,737,300	
	2,769,929	68: 2,761,078		217: 2,769,933		2,766,088	2,766,088		2,743,981	7: 2,742,585	
3: 2,745,973		69: 2,763,797		218: 2,774,001		2,774,001	2,774,001		2,746,827	2,758,232	
2,758,225		68: 2,764,705		218: 2,774,204		2,774,897	2,774,897		2,746,828	2,758,233	
2,768,313		69: 2,771,562		218: 2,774,204		2,774,897	2,774,897		2,752,216	2,765,416	
2,774,891		70: 2,749,458				2,745,031	2,745,031		2,768,044	2,755,400	
4: 2,729,756		2,772,372				2,770,744	2,770,744		2,768,046	2,773,211	
2,759,112		71: 2,744,202		228: 2,739,254		2,772,131	2,772,131		2,758,901	2,749,911	
5: 2,742,581		2,774,894		228: 2,739,254		2,772,131	2,772,131		2,758,901	2,749,911	
6: 2,739,248		74: 2,770,743		228: 2,739,254		2,772,131	2,772,131		2,758,901	2,749,911	
2,750,520		77: 2,735,029		228: 2,739,254		2,772,131	2,772,131		2,758,901	2,749,911	
2,754,433		2,755,396		228: 2,739,254		2,772,131	2,772,131		2,758,901	2,749,911	
2,766,352		82: 2,761,079		228: 2,739,254		2,772,131	2,772,131		2,758,901	2,749,911	
2,767,334		83: 2,741,713		228: 2,739,254		2,772,131	2,772,131		2,758,901	2,749,911	
2,767,335		2,760,092		228: 2,739,254		2,772,131	2,772,131		2,758,901	2,749,911	
8: 2,724,191		86: 2,730,636		228: 2,739,254		2,772,131	2,772,131		2,758,901	2,749,911	
2,729,757		2,768,315		228: 2,739,254		2,772,131	2,772,131		2,758,901	2,749,911	
2,756,353		87: 2,739,252		228: 2,739,254		2,772,131	2,772,131		2,758,901	2,749,911	
8.1: 2,740,906		2,740,058		228: 2,739,254		2,772,131	2,772,131		2,758,901	2,749,911	
2,752,512		2,740,059		228: 2,739,254		2,772,131	2,772,131		2,758,901	2,749,911	
2,773,996		2,740,908		228: 2,739,254		2,772,131	2,772,131		2,758,901	2,749,911	
2,774,892		2,752,516		228: 2,739,254		2,772,131	2,772,131		2,758,901	2,749,911	
8.3: 2,731,573		2,758,226		228: 2,739,254		2,772,131	2,772,131		2,758,901	2,749,911	
2,735,024		2,761,985		228: 2,739,254		2,772,131	2,772,131		2,758,901	2,749,911	
2,767,336		88: 2,769,105		228: 2,739,254		2,772,131	2,772,131		2,758,901	2,749,911	
8.5: 2,735,026		89: 2,745,026		228: 2,739,254		2,772,131	2,772,131		2,758,901	2,749,911	
8.7: 2,770,741		2,752,517		228: 2,739,254		2,772,131	2,772,131		2,758,901	2,749,911	
8.9: 2,769,930		90: 2,731,575		228: 2,739,254		2,772,131	2,772,131		2,758,901	2,749,911	
9: 2,771,561		91: 2,735,951		228: 2,739,254		2,772,131	2,772,131		2,758,901	2,749,911	
9.1: 2,761,076		2,744,203		228: 2,739,254		2,772,131	2,772,131		2,758,901	2,749,911	
9.5: 2,745,144		93: 2,733,361		228: 2,739,254		2,772,131	2,772,131		2,758,901	2,749,911	
15: 2,739,249		2,741,714		228: 2,739,254		2,772,131	2,772,131		2,758,901	2,749,911	
2,754,434		2,745,974		228: 2,739,254		2,772,131	2,772,131		2,758,901	2,749,911	
2,764,702		2,751,513		228: 2,739,254		2,772,131	2,772,131		2,758,901	2,749,911	
20: 2,759,113		2,773,204		228: 2,739,254		2,772,131	2,772,131		2,758,901	2,749,911	
2,763,793		2,774,895		228: 2,739,254		2,772,131	2,772,131		2,758,901	2,749,911	
21: 2,770,742		95: 2,748,299		228: 2,739,254		2,772,131	2,772,131		2,758,901	2,749,911	
22: 2,745,025		2,755,397		228: 2,739,254		2,772,131	2,772,131		2,758,901	2,749,911	
23: 2,752,513		2,759,115		228: 2,739,254		2,772,131	2,772,131		2,758,901	2,749,911	
24: 2,768,314		2,768,316		228: 2,739,254		2,772,131	2,772,131		2,758,901	2,749,911	
25: 2,767,337		2,769,931		228: 2,739,254		2,772,131	2,772,131		2,758,901	2,749,911	
26: 2,730,635		96: 2,773,205		228: 2,739,254		2,772,131	2,772,131		2,758,901	2,749,911	
2,748,298		97: 2,761,080		228: 2,739,254		2,772,131	2,772,131		2,758,901	2,749,911	
2,761,077		100: 2,745,975		228: 2,739,254		2,772,131	2,772,131		2,758,901	2,749,911	
2,767,338		2,773,206		228: 2,739,254		2,772,131	2,772,131		2,758,901	2,749,911	
27: 2,734,188		102: 2,752,506		228: 2,739,254		2,772,131	2,772,131		2,758,901	2,749,911	
2,751,512		2,740,909		228: 2,739,254		2,772,131	2,772,131		2,758,901	2,749,911	
2,754,435		2,747,115		228: 2,739,254		2,772,131	2,772,131		2,758,901	2,749,911	
2,761,981		2,761,981		228: 2,739,254		2,772,131	2,772,131		2,758,901	2,749,911	
29: 2,733,360		2,754,437		228: 2,739,254		2,772,131	2,772,131		2,758,901	2,749,911	
2,734,189		2,762,669		228: 2,739,254		2,772,131	2,772,131		2,758,901	2,749,911	
2,740,057		2,774,896		228: 2,739,254		2,772,131	2,772,131		2,758,901	2,749,911	
2,741,711		104: 2,745,028		228: 2,739,254		2,772,131	2,772,131		2,758,901	2,749,911	
2,747,113		2,753,474		228: 2,739,254		2,772,131	2,772,131		2,758,901	2,749,911	
2,759,114		105: 2,754,438		228: 2,739,254		2,772,131	2,772,131		2,758,901	2,749,911	
2,764,703		2,762,940		228: 2,739,254		2,772,131	2,772,131		2,758,901	2,749,911	
30: 2,749,453		2,769,932		228: 2,739,254		2,772,131	2,772,131		2,758,901	2,749,911	
2,769,103		2,773,998		228: 2,739,254		2,772,131	2,772,131		2,758,901	2,749,911	
32: 2,744,201		114: 2,753,475		228: 2,739,254		2,772,131	2,772,131		2,758,901	2,749,911	
2,747,114		115: 2,772,374		228: 2,739,254		2,772,131	2,772,131		2,758,901	2,749,911	
2,749,454		122: 2,740,060		228: 2,739,254		2,772,131	2,772,131		2,758,901	2,749,911	
2,754,436		2,749,459		228: 2,739,254		2,772,131	2,772,131		2,758,901	2,749,911	
2,761,982		128: 2,747,116		228: 2,739,254		2,772,131	2,772,131		2,758,901	2,749,911	
2,774,893		152: 2,750,522		228: 2,739,254		2,772,131	2,772,131		2,758,901	2,749,911	
33: 2,739,250		153: 2,756,355		228: 2,739,254		2,772,131	2,772,131		2,758,901	2,749,911	
34: 2,749,455		2,756,356		228: 2,739,254		2,772,131	2,772,131		2,758,901	2,749,911	
2,753,470		2,773,207		228: 2,739,254		2,772,131	2,772,131		2,758,901	2,749,911	
37: 2,741,712		155: 2,758,227		228: 2,739,254		2,772,131	2,772,131		2,758,901	2,749,911	
39: 2,730,634		2,760,093		228: 2,739,254		2,772,131	2,772,131		2,758,901	2,749,911	
40: 2,761,983		156: 2,735,952		228: 2,739,254		2,772,131	2,772,131		2,758,901	2,749,911	
43: 2,749,456		2,739,253		228: 2,739,254		2,772,131	2,772,131		2,758,901	2,749,911	
46: 2,753,471		2,754,440		228: 2,739,254		2,772,131	2,772,131		2,758,901	2,749,911	
47: 2,766,390		2,761,986		228: 2,739,254		2,772,131	2,772,131		2,758,901	2,749,911	
49: 2,731,574		2,775,716		228: 2,739,254		2,772,131	2,772,131		2,758,901	2,749,911	
50: 2,730,635		157: 2,743,385		228: 2,739,254		2,772,131	2,772,131		2,758,901	2,749,911	
2,752,514		159: 2,761,081		228: 2,739,254		2,772,131	2,772,131		2,758,901	2,749,911	
2,753,472		162: 2,733,362		228: 2,739,254		2,772,131	2,772,131		2,758,901	2,749,911	
2,773,997		2,767,339		228: 2,739,254		2,772,131	2,772,131		2,758,901	2,749,911	
52: 2,742,582		168: 2,739,259		228: 2,739,254		2,772,131	2,772,131		2,758,901	2,749,911	
54: 2,735,028		2,756,357		228: 2,739,254		2,772,131	2,772,131		2,758,901	2,749,911	
2,743,884		2,769,106		228: 2,739,254		2,772,131	2,772,131		2,758,901	2,749,911	
2,750,521		171: 2,759,116		228: 2,739,254		2,772,131	2,772,131		2,758,901	2,749,911	
2,766,391		172: 2,741,715		228: 2,739,254		2,772,131	2,772,131		2,758,901	2,749,911	
2,773,201		2,766,392		228: 2,739,254		2,772,131	2,772,131		2,758,901	2,749,911	
55: 2,752,515		2,773,999		228: 2,739,254		2,772,131	2,772,131		2,758,901	2,749,911	
2,763,794		177: 2,742,584		228: 2,739,254		2,772,131	2,772,131		2,758,901	2,749,911	
57: 2,735,910		178: 2,753,476		228: 2,739,254		2,772,131	2,772,131		2,758,901	2,749,911	
2,742,583		2,755,398		228: 2,739,254		2,772,131	2,772,131		2,758,901	2,749,911	
58: 2,735,027		180: 2,756,358		228: 2,739,254		2,772,131	2,772,131		2,758,901	2,749,911	
59: 2,729,758		183: 2,750,523		228: 2,739,254		2,772,131	2,772,131		2,758,901	2,749,911	
2											

313—	86: 2,750,524	313—	247: 2,764,709	315—	9: 2,760,105	315—	27: 2,753,485	315—	122: 2,760,117	317—	14: 2,748,320
	2,771,497		249: 2,771,577		10: 2,760,915		2,758,248		129: 2,760,086		16: 2,735,387
	2,762,942		250: 2,754,445		2,750,333		2,767,110		138: 2,760,118		18: 2,739,269
91: 2,755,404			254: 2,745,981		2,756,364		2,761,060		140: 2,774,010		22: 2,743,396
92: 2,734,142			261: 2,733,376		2,760,106		2,768,325		141: 2,774,011		22: 2,733,384
	2,740,055		2,760,100		2,774,908		2,769,116		144: 2,735,037		2,747,142
	2,750,525	264: 2,748,311		11: 2,756,035		2,774,911		2,752,529	141: 2,735,038		2,752,535
	2,751,515	265: 2,751,517			2,747,131		30: 2,740,071		140: 2,748,317		2,763,815
	2,751,516	270: 2,740,916			2,747,132		2,745,037		146: 2,730,657		2,766,404
	2,752,521	271: 2,745,982			2,747,133		2,745,038		2,758,251		2,772,379
	2,754,444	272: 2,733,377			2,753,483		31: 2,771,568		2,765,427		2,785,962
	2,755,405	273: 2,734,144			2,755,408		32: 2,750,535		148: 2,767,017		31: 2,735,965
	2,757,304		2,742,587		2,765,422		36: 2,768,326		156: 2,757,317		2,763,816
	2,762,943	278: 2,770,753			2,774,909		37: 2,740,072		164: 2,730,658		36: 2,750,537
	2,769,111	282: 2,761,992			2,775,719		38: 2,749,476		168: 2,730,659		2,773,725
	2,770,749	283: 2,734,145			2,741,719		39: 2,747,137		2,749,988		2,759,270
	2,774,003	294: 2,735,955			2,743,379		2,749,477		2,752,530		2,741,726
93: 2,735,953		299: 2,749,469			2,738,312		2,753,521		2,753,489		40: 2,770,757
	2,742,586	311: 2,729,703			2,754,449		2,762,950		2,768,330		46: 2,742,955
	2,759,118	317: 2,743,388			2,755,409		2,765,423	169: 2,749,468		2,752,535	
	2,765,418	326: 2,731,580			2,765,410		2,766,402		2,760,119		49: 2,735,041
103: 2,766,360		327: 2,769,113			2,760,107		2,768,327		2,767,350		51: 2,763,817
107.5: 2,749,465		337: 2,750,526			2,761,089		2,769,936		2,773,216		59: 2,752,536
108: 2,730,544		2,756,362			2,767,345		2,774,912		2,773,722		61: 2,763,818
	2,733,367	2,761,993		13: 2,730,651		2,735,958	39.3: 2,760,111		171: 2,767,351		63: 2,759,127
	2,755,406	2,768,321			2,732,516		2,760,112		174: 2,769,118		66: 2,756,367
	2,765,419	340: 2,749,470			2,741,720		2,760,112		179: 2,765,428		80: 2,732,518
	2,774,004		2,753,480		2,742,589		2,768,328		180: 2,748,318		83: 2,730,662
	2,774,902	343: 2,731,581			2,743,389		2,774,913		182: 2,763,851		2,735,968
109: 2,753,368		344: 2,765,420			2,747,134		2,775,721		183: 2,733,383		2,745,042
	2,740,914	345: 2,757,308			2,749,473		39.51: 2,745,039				2,747,143
	2,748,306		2,757,309		2,751,519		39.53: 2,733,380				90: 2,731,586
	2,759,119	346: 2,733,378			2,753,484		39.57: 2,759,122		186: 2,760,120		2,735,042
	2,774,903	350: 2,750,527			2,755,411		2,759,123		2,773,217		2,739,271
110: 2,731,577		354: 2,747,128			2,757,313		39.61: 2,733,381		192: 2,755,416		2,749,484
111: 2,744,209					2,759,121		2,734,148		205: 2,749,481		2,768,332
	2,744,210	355: 2,769,114			2,760,120		2,735,959		2,757,318		2,759,128
112: 2,757,305		42: 2,762,947			2,731,582		2,745,987		2,763,811		100: 2,734,150
113: 2,775,718	314—	42: 2,753,515			2,739,263		2,733,486		2,768,312		2,748,321
114: 2,766,394		61: 2,762,946			2,741,526		39.63: 2,765,424		2,763,813		2,735,964
117: 2,766,395		62: 2,730,646			2,743,390		39.65: 2,765,425		210: 2,769,938		2,735,965
120: 2,741,716		2,759,120			2,745,035		39.67: 2,774,914		211: 2,761,966		2,744,214
122: 2,747,122		65: 2,745,446			2,749,474		39.69: 2,745,040		212: 2,738,267		2,752,537
125: 2,774,904		77: 2,774,907			2,755,412		2,748,319		213: 2,748,319		2,752,537
131: 2,733,369	315—	1: 2,745,034			2,769,115		2,766,403		218: 2,753,490		2,754,453
	2,734,143	2,755,407			2,780,653		39.75: 2,755,415		233: 2,758,252		2,754,454
	2,745,980	2,756,363			2,734,146		2,761,966		239: 2,769,939		2,757,319
	2,747,123	3: 2,730,647			2,740,919		39.77: 2,769,937		240: 2,756,365		2,758,256
	2,760,099	2,749,471			2,771,566		41: 2,773,215		234: 2,730,660		2,760,122
	2,770,750	2,758,240			2,743,391		43: 2,757,314		241: 2,749,482		2,764,713
132: 2,733,370		2,766,398			2,755,413		58: 2,740,920		242: 2,774,013		2,769,119
143: 2,744,211	3.5: 2,730,648	2,733,379			2,743,389		2,743,388		248: 2,731,588		2,772,380
148: 2,740,915		2,730,649			2,743,380		2,747,138		251: 2,775,723		2,774,014
149: 2,758,238		2,735,033			2,752,525		2,768,329		252: 2,730,661		2,756,368
155: 2,748,307		2,749,935			2,769,935		76: 2,761,994		259: 2,759,125		2,740,922
156: 2,757,306		2,740,018			2,774,007		79: 2,751,522		2,759,126		2,747,144
159: 2,762,944		2,745,983			2,741,723		80: 2,738,249		254: 2,742,933		2,767,352
161: 2,767,343		2,749,472			2,742,590		2,760,113		261: 2,749,483		2,733,386
	2,774,905	2,750,529			2,764,711		81: 2,731,584		281: 2,750,536		2,735,043
164: 2,766,396		2,751,518			2,767,346		82: 2,755,457		290: 2,739,268		2,739,272
167: 2,729,761		2,752,523			2,757,310		83: 2,729,767		334: 2,735,038		2,758,257
170: 2,743,387		2,757,311			2,747,008		2,730,654		2,756,366		2,760,123
174: 2,747,124		2,758,241			2,729,764		2,730,655		335: 2,752,531		2,766,405
	2,758,239	2,758,242			2,729,765		2,741,725		337: 2,742,994		2,767,353
178: 2,741,717		2,758,243			2,739,264		2,742,592		339: 2,758,253		2,767,354
	2,749,466	2,758,244			2,740,069		2,747,139		341: 2,763,814		2,769,940
	2,766,397	2,760,101			2,741,722		2,749,478		344: 2,747,140		2,756,369
181: 2,761,085		2,760,102			2,745,036		2,754,452		349: 2,765,429		2,768,333
184: 2,749,467		2,761,088			2,745,986		2,759,124	316—	2,774,045		2,735,044
	2,753,478	2,765,421			2,750,534		2,760,114		8: 2,773,730		2,745,043
	2,756,361	2,767,344			2,752,526		2,761,995		18: 2,749,203		2,748,322
185: 2,729,762		2,768,322			2,754,450		2,763,809		19: 2,752,532		2,759,129
	2,730,645	2,770,754			2,754,451		2,767,347		2,754,168		2,761,092
	2,732,513	2,771,505			2,755,414		2,771,569		26: 2,730,644		2,767,355
	2,733,371	2,774,005			2,768,247		2,774,009		2,746,831		2,773,218
	2,733,372	2,774,006			2,765,159		2,755,415		27: 2,747,961		2,753,492
	2,739,261	2,740,917			2,768,323		2,739,265		2,774,016		2,774,019
	2,745,988	2,742,588			2,770,756		2,758,250		28: 2,733,384		2,774,019
	2,762,945	2,753,481			2,743,147		2,765,426		29: 2,733,383		2,769,120
	2,763,806	2,762,948			2,766,399		2,769,940		30: 2,733,115		2,773,220
188: 2,733,373		2,764,710			2,735,956		2,740,921		32: 2,774,018		2,733,387
189: 2,740,066		2,773,213			2,747,135		2,749,475		32: 2,773,134		2,765,430
193: 2,770,751		2,735,034			2,749,475		2,755,416	317—	2,752,517		2,766,406
197: 2,748,309		2,745,984			2,766,400		2,735,488		2,732,517		2,769,121
	2,757,307	2,754,447			2,766,401		2,767,348		2,740,073		2,762,952
198: 2,733,374		2,772,377			2,775,720		2,774,915		2,744,212		2,735,958
	2,768,330	2,730,650			2,748,313		2,774,916		2,745,041		2,753,495
206: 2,770,752		2,730,530			2,763,808		97: 2,730,652		2,751,523		2,763,819
208: 2,774,906		2,750,531			2,752,527		2,733,382		2,752,533		2,773,221
213: 2,761,087		2,752,524			2,768,324		2,767,349		2,753,491		2,743,397
	2,768,112	2,738,245			2,760,109		2,774,917		3: 2,761,997		2,754,154
	2,747,125	2,760,103			2,762,949		98: 2,763,810		2,764,712		2,729,771
216: 2,735,954		2,770,755			2,768,324		2,774,918		2,767,359		2,741,727
	2,747,126	2,747,129			2,729,766		99: 2,769,117		5: 2,755,417		2,757,320
217: 2,733,375		2,753,482			2,735,957		100: 2,729,768		2,768,331		2,771,570
221: 2,752,522		2,754,448			2,740,070		2,729,769		2,772,378		2,744,215
223: 2,738,479		2,737,312			2,741,723		2,735,960		2,775,724		2,747,145
235: 2,749,468		2,758,246			2,742,591		2,735,961		6: 2,744,213		2,768,334
238: 2,747,127		2,760,104			2,743,381		2,743,383		2,747,141		2,



1317—	142:	2,739,273	317—	235:	2,750,541	318—	28:	2,729,773	318—	207:	2,743,407	318—	432:	2,744,227	321—	27:	2,759,140
		2,745,991			2,750,542			2,733,391			2,748,402		434:	2,754,464			2,760,142
		2,768,336			2,753,495			2,748,331			2,750,549		437:	2,760,137			2,762,008
146:		2,774,919			2,753,496			2,750,546			2,759,136		443:	2,735,975			2,774,931
147:		2,747,146			2,757,322			2,758,269			2,762,004			2,740,081			2,775,733
148:		2,733,388			2,758,263			2,760,130			2,764,722			2,755,424			2,780,699
149:		2,761,998			2,759,133			2,760,131			2,764,723			2,761,099		35:	2,735,061
		2,773,222			2,762,001			2,760,132			2,770,764			2,773,231		36:	2,731,590
151:		2,764,715			2,762,954			2,762,002			2,774,021		445:	2,747,154			2,735,977
152:		2,760,124			2,762,955			2,764,719			2,774,022		447:	2,735,976			2,741,734
		2,760,125			2,762,956			2,766,412			2,775,729		448:	2,774,928			2,752,552
		2,763,820			2,766,410			2,767,360		209:	2,766,415		466:	2,732,523		40:	2,757,331
156:		2,761,999			2,770,761			2,769,122			2,766,416			2,749,498		43:	2,762,009
		2,774,920			2,770,762			2,772,383			2,773,394		467:	2,742,599		46:	2,752,553
		2,759,130			2,773,224			2,774,019			2,746,000			2,755,425		47:	2,774,932
		2,761,093			2,773,225			2,775,727			2,767,362			2,758,270		48:	2,740,934
157.6:		2,769,941		236:	2,741,729		29:	2,733,051			2,774,023			2,760,138			2,741,735
		2,745,992			2,745,045			2,743,402		216:	2,740,932			2,760,139			2,746,003
158:		2,768,337			2,748,336			2,743,403		220:	2,735,056			2,762,961			2,756,800
		2,769,942			2,750,543			2,744,223			2,735,974		468:	2,750,553			2,756,381
159:		2,770,759			2,751,529			2,745,996		221:	2,729,778		470:	2,733,398			2,758,271
		2,772,381			2,753,497			2,747,149			2,731,587		474:	2,774,929			2,759,141
162:		2,771,571			2,758,264			2,750,547			2,733,394		475:	2,730,666			2,769,951
163:		2,752,538			2,762,957			2,751,536			2,754,158			2,766,417			2,770,766
164:		2,761,094			2,770,763			2,753,499			2,742,597		483:	2,731,588			2,771,577
165:		2,756,371		237:	2,754,456			2,755,421			2,744,226			2,753,508			2,774,933
167:		2,752,539		238:	2,739,276			2,756,376			2,749,495		484:	2,746,001		49:	2,731,591
		2,774,016			2,749,489			2,769,123			2,752,548		488:	2,754,465			2,735,829
168:		2,750,539			2,760,126			2,768,342			2,760,124		489:	2,729,780		50:	2,760,143
		2,751,524		239:	2,733,390			2,769,945		224:	2,774,024			2,740,082			2,764,727
		2,762,000			2,745,046			2,773,391			2,774,924			2,741,733			2,767,366
		2,769,943			2,757,323		30:	2,735,975			2,773,392			2,751,539		53:	2,765,437
171:		2,773,223			2,767,368			2,762,003			2,773,393			2,751,540		57:	2,748,338
172:		2,724,209		240:	2,750,544			2,762,959		227:	2,771,574			2,751,541		63:	2,729,782
		2,735,045			2,757,324			2,764,720		229:	2,764,724			2,751,542		68:	2,730,670
		2,741,728		241:	2,740,925			2,767,361			2,772,384			2,751,543			2,751,546
		2,756,372			2,745,047			2,768,340		232:	2,748,333			2,755,426	322—	2:	2,748,339
		2,771,572			2,758,265			2,769,125		240:	2,754,461			2,755,427			2,747,155
176:		2,735,967			2,758,266			2,769,126		241:	2,735,057			2,759,137		4:	2,740,084
178:		2,734,152			2,761,095			2,771,573			2,774,025			2,761,100		16:	2,773,232
		2,735,046		242:	2,756,375		31:	2,729,774		243:	2,748,334			2,762,006		19:	2,764,728
		2,740,074			2,758,267			2,730,664		245:	2,754,462			2,762,007		24:	2,742,602
		2,757,321			2,769,944			2,735,052		249:	2,733,395			2,762,962			2,747,156
182:		2,770,760			2,773,226			2,744,224		250:	2,774,925			2,765,435		2:	2,748,340
184:		2,749,485		244:	2,735,959			2,744,225		251:	2,738,396			2,768,343			2,754,468
186:		2,735,047		245:	2,740,077			2,760,133		254:	2,753,501			2,769,132			2,764,729
189:		2,743,398			2,740,926			2,766,413		257:	2,734,159			2,769,950			2,769,952
		2,767,356			2,740,927		32:	2,757,325			2,743,408	320—	1:	2,745,051		25:	2,735,978
190:		2,752,540		246:	2,751,530			2,766,414		261:	2,755,423			2,745,052			2,742,603
191:		2,734,153			2,751,531		39:	2,732,521			2,767,363			2,751,544			2,743,410
		2,739,274			2,752,543			2,734,156		265:	2,750,550			2,756,378			2,754,469
195:		2,744,216			2,754,457			2,749,492			2,753,502			2,759,138			2,754,470
197:		2,767,357			2,759,134		44:	2,768,341			2,756,377			2,763,826			2,757,332
198:		2,735,968		249:	2,744,220		46:	2,765,453			2,757,327			2,770,765			2,768,344
		2,748,333			2,744,221		52:	2,735,972		266:	2,732,522			2,771,575			2,769,133
		2,763,821			2,744,222			2,773,227			2,733,397			2,775,730			2,773,233
200:		2,748,324			2,745,993		75:	2,761,096			2,760,134			2,775,731	26:		2,731,592
		2,749,486			2,747,147		85:	2,733,392		267:	2,769,947		2:	2,746,002			2,748,341
		2,766,407			2,748,327		87:	2,729,775		272:	2,760,127		4:	2,752,550		27:	2,744,230
201:		2,751,525			2,754,458			2,773,228		274:	2,748,335		18:	2,772,385			2,745,005
203:		2,751,526			2,755,419		88:	2,751,537			2,757,328		23:	2,774,028		28:	2,740,084
		2,764,716			2,758,268		94:	2,735,973			2,760,135		25:	2,766,418			2,740,085
230:		2,733,389			2,762,958		102:	2,745,997		275:	2,769,948		32:	2,756,379			2,740,086
		2,739,275			2,765,431			2,754,460		281:	2,753,503			2,760,140			2,748,342
		2,742,596			2,766,411		103:	2,747,150		283:	2,774,026	321—	2:	2,760,607			2,749,490
		2,743,399			2,768,338		118:	2,745,998		284:	2,774,927			2,742,600			2,752,554
		2,743,400			2,774,017		120:	2,754,439		286:	2,747,152			2,748,336			2,769,134
		2,744,217		250:	2,760,127		124:	2,745,999		296:	2,752,549			2,754,466			2,774,929
		2,749,487		257:	2,748,328		128:	2,730,665		297:	2,735,058		4:	2,749,499		32:	2,767,367
		2,755,418			2,760,128			2,769,946			2,753,504		7:	2,760,141		36:	2,740,087
		2,756,373		258:	2,735,970		135:	2,752,546		302:	Re.2,418		10:	2,744,222			2,740,088
		2,758,258			2,741,730		138:	2,720,776			2,750,552		12:	2,733,399		47:	2,758,272
		2,758,259			2,745,048		142:	2,749,493		308:	2,734,160		13:	2,740,083		57:	2,767,368
		2,759,131			2,749,490		143:	2,738,053			2,740,079		14:	2,733,400		58:	2,769,953
		2,759,132			2,764,718			2,743,404			2,754,463			2,741,527		59:	2,772,386
		2,765,408		260:	2,739,277			2,749,494		311:	2,740,080			2,757,330		61:	2,745,011
234:		2,730,663			2,765,432			2,752,547		312:	2,769,949		15:	2,731,589			2,774,030
		2,735,048			2,774,018		144:	2,775,728		314:	2,749,496			2,734,162		68:	2,762,964
		2,740,075			2,740,928			2,735,054			2,769,128			2,744,229		70:	2,746,006
		2,740,924		262:	2,774,921			2,773,229			2,774,927		16:	2,733,401		76:	2,746,007
		2,744,218	318—	6:	2,740,079		148:	2,761,097		317:	2,767,364			2,742,601			2,774,031
		2,745,044			2,743,151		150:	2,741,731		323:	2,735,059			2,748,337		96:	2,743,412
		2,748,325			2,747,148		151:	2,761,098		327:	2,729,779			2,759,139	323—	2:	2,735,979
		2,749,488			2,748,329		154:	2,743,405			2,753,505						

323— 36: 2,748,343	324— 1: 2,755,432	324— 57: 2,735,064	324— 79: 2,763,836	323— 41: 2,761,105	333— 30: 2,753,528
43.5: 2,730,671	2,759,143	2,746,013	2,764,736	2,771,838	2,755,481
2,747,157	2,766,421	2,752,565	2,774,037	43: 2,775,738	2,760,165
2,748,944	2,769,956	2,754,477	81: 2,756,389	45: 2,752,570	2,764,741
2,752,556	2,770,771	2,755,436	2,767,376	48: 2,756,392	2,765,446
2,752,557	2,772,962	2,755,442	82: 2,755,442	51: 2,735,964	2,770,771
2,754,471	2,773,236	2,757,336	83: 2,734,168	2,760,162	2,741,745
2,767,369	3: 2,744,232	2,759,146	85: 2,757,337	52: Re.24,183	2,744,242
2,770,767	2,741,736	2,760,155	2,758,277	2,769,960	2,749,522
2,774,934	6: 2,731,996	2,762,971	2,771,582	57: 2,733,411	2,756,394
44: 2,761,101	2,746,009	2,763,835	87: 2,758,278	2,755,739	2,753,524
45: 2,753,512	2,753,520	2,767,373	2,774,038	5: 2,747,165	2,758,285
2,763,831	2,766,422	2,767,374	88: 2,749,516	6: 2,734,170	2,760,166
2,767,370	7: 2,730,573	2,769,957	2,751,554	2,745,065	2,762,994
2,772,980	2,735,980	2,771,582	2,744,240	2,758,280	2,770,780
2,775,734	10: 2,733,525	2,742,608	89: 2,751,555	2,762,982	2,772,981
48: 2,740,935	2,742,606	2,745,066	95: 2,756,390	2,765,441	2,772,401
2,742,604	2,750,557	2,746,014	2,734,169	2,770,778	2,775,741
2,753,513	2,761,103	2,746,015	2,735,067	7: 2,735,069	32: 2,771,585
51: 2,770,768	11: 2,760,150	2,747,160	2,745,066	2,757,941	32: 2,763,842
2,734,164	13: 2,745,057	2,748,345	2,744,239	2,759,153	35: 2,752,573
2,774,935	16: 2,774,033	2,749,507	2,760,157	2,759,153	2,767,380
60: 2,760,145	17: 2,746,010	2,749,508	2,733,407	2,762,015	70: 2,730,679
2,773,233	20: 2,730,674	2,756,387	2,755,443	2,766,430	2,733,173
2,775,735	2,731,597	2,760,156	2,768,350	2,769,145	2,752,574
61: 2,769,954	2,759,144	2,762,972	2,758,279	2,769,144	2,735,988
64: 2,752,558	2,763,833	2,762,973	2,759,150	2,769,145	2,752,574
2,740,936	2,765,440	2,774,034	99: 2,744,240	2,773,242	2,758,286
2,751,549	22: 2,746,011	2,774,037	2,760,158	2,769,167	2,760,167
2,751,550	2,752,563	2,775,737	2,772,397	2,757,942	2,763,842
2,752,559	23: 2,754,472	58.5: 2,728,786	102: 2,774,940	2,768,351	71: 2,753,529
2,753,514	2,756,384	59: 2,733,406	103: 2,764,737	9: 2,762,017	2,756,395
2,755,429	2,760,151	2,741,741	106: 2,756,391	2,766,431	2,760,168
2,757,333	24: 2,732,526	2,749,509	109: 2,745,062	2,767,380	2,762,985
2,759,142	2,741,737	61: 2,739,284	117: 2,739,285	2,770,782	2,772,982
2,765,438	25: 2,761,104	2,742,609	2,744,241	2,735,070	2,771,586
2,765,439	26: 2,730,558	2,744,238	2,759,151	2,748,350	72: 2,742,615
2,766,419	27: 2,750,559	2,754,478	2,767,377	2,749,519	73: 2,735,073
2,772,990	28: 2,745,058	2,759,147	119: 2,739,287	2,749,520	2,744,042
67: 2,760,146	2,768,346	2,765,441	123: 2,739,286	2,751,556	2,749,523
68: 2,756,382	29.5: 2,738,275	2,766,428	2,746,016	2,764,739	2,770,779
2,745,413	30: 2,757,334	2,772,394	2,762,975	2,775,740	2,751,558
2,745,413	2,760,152	2,774,038	127: 2,729,788	2,735,986	2,753,530
2,755,053	2,769,139	62: 2,734,166	132: 2,747,161	2,739,287	2,754,482
2,747,158	2,760,140	2,735,065	2,762,976	2,739,288	2,757,344
2,754,472	31: 2,766,423	2,742,610	2,763,857	2,749,521	2,760,169
2,764,731	2,773,237	2,749,511	130: 2,762,977	2,754,480	2,762,986
2,769,955	33: 2,735,062	2,771,579	143: 2,741,743	2,755,445	2,773,244
70: 2,733,404	2,739,283	2,772,395	2,762,978	2,759,154	2,762,988
74: 2,753,515	2,745,059	64: 2,749,512	144: 2,769,959	2,763,839	75: 2,732,528
2,760,147	2,750,560	65: 2,749,513	147: 2,729,789	2,764,740	2,762,988
2,760,147	2,770,772	2,752,566	150: 2,733,239	2,769,146	76: 2,752,575
2,765,439	2,774,936	2,755,438	152: 2,773,240	12: 2,753,412	77: 2,735,414
2,778,274	34: 2,744,233	2,759,148	154: 2,757,339	13: 2,734,171	78: 2,729,786
2,771,578	2,749,504	2,759,149	158: 2,733,408	2,735,071	79: 2,759,155
86: 2,762,011	2,749,505	68: Re.24,190	2,735,068	2,746,017	80: 2,730,680
89: 2,734,165	2,750,561	2,735,066	2,755,444	2,748,351	2,739,415
2,739,282	2,751,552	2,740,091	2,743,422	2,760,163	2,745,069
2,745,055	2,756,385	2,741,742	2,748,347	2,765,445	2,745,069
2,745,056	2,758,276	2,743,417	2,748,348	2,767,382	2,749,520
2,752,560	2,760,153	2,743,418	2,748,349	2,768,352	2,742,616
2,753,517	2,772,392	2,749,514	2,749,517	2,768,353	2,745,068
2,753,518	36: 2,744,234	2,750,563	2,748,348	16: 2,734,172	2,752,571
2,754,473	37: 2,729,785	2,748,348	2,748,349	2,752,571	2,758,281
2,754,474	2,740,090	70: 2,731,599	2,749,517	2,758,281	81: 2,731,603
2,760,148	2,746,012	2,735,981	2,752,568	2,768,353	2,734,174
2,760,149	2,760,424	2,740,092	2,762,015	17: 2,742,618	2,741,746
2,762,966	2,766,425	2,751,553	2,769,143	2,745,067	2,743,074
2,762,967	2,770,773	2,754,479	2,752,569	18: 2,755,446	2,748,353
2,762,968	40: 2,764,734	2,755,439	2,770,777	20: 2,729,793	2,756,396
2,762,969	2,766,420	2,762,013	4: 2,760,159	21: 2,772,399	2,760,170
2,766,420	41: 2,765,433	2,766,429	5: 2,750,565	2,772,394	82: 2,731,604
2,767,371	2,762,970	2,768,349	2,774,039	2,743,077	2,743,070
2,767,372	2,768,347	2,770,775	9: 2,732,527	2,741,744	2,748,354
2,768,345	43: 2,735,063	2,773,238	2,750,566	2,742,612	2,750,568
2,769,138	2,743,415	2,774,939	2,753,525	2,758,282	2,755,448
2,770,769	2,743,416	2,775,739	2,757,339	2,762,981	2,763,843
2,770,770	2,744,235	2,756,388	2,760,160	2,762,982	2,764,742
2,771,579	2,749,506	72: 2,734,167	2,774,942	2,766,432	2,765,447
92: 2,761,102	2,752,564	72.5: 2,731,580	11: 2,729,791	2,768,354	2,768,357
2,763,832	2,755,434	73: 2,742,611	2,760,160	2,772,400	2,774,044
110: 2,751,551	2,760,426	2,748,346	2,733,409	2,772,402	2,774,046
117: 2,749,502	2,770,774	2,753,523	2,733,410	22: 2,752,572	2,774,046
119: 2,731,594	47: 2,757,335	2,762,014	2,745,065	2,755,447	83: 2,742,617
2,731,595	48: 2,760,154	2,769,958	2,745,064	2,758,283	2,752,576
2,762,012	2,775,736	2,740,093	2,767,378	2,763,840	84: 2,769,148
121: 2,763,830	51: 2,740,937	2,765,442	16: 2,774,040	2,769,961	2,774,046
122: 2,753,519	2,744,236	2,767,375	18: Re.24,110	26: 2,757,343	95: 2,770,783
123: 2,750,556	2,744,237	76: 2,769,142	2,747,163	27: 2,756,393	96: 2,740,095
128: 2,732,524	2,755,435	77: 2,753,524	2,757,340	2,768,355	2,752,577
324— .5: 2,756,383	2,756,386	2,771,581	2,764,738	2,769,149	2,763,844
2,772,391	2,759,145	2,774,035	19: 2,773,241	2,769,150	2,769,150
2,729,783	2,766,427	2,774,036	21: 2,731,600	2,753,526	2,774,944
2,729,784	52: 2,731,598	2,730,675	22: 2,755,983	2,760,164	97: 2,743,422
2,730,672	2,741,738	2,743,419	25: 2,760,161	2,767,379	2,749,524
2,742,005	2,742,607	2,755,440	26: 2,747,164	2,773,241	2,731,559
2,743,414	2,763,834	2,755,441	28: 2,749,518	2,735,987	2,751,560
2,749,503	2,764,735	2,762,974	29: 2,774,943	2,742,613	2,753,531
2,752,561	2,740,988	2,770,776	37: 2,771,584	2,745,018	2,763,845
2,754,475	2,750,562	79: 2,755,061	2,774,041	2,763,841	98: 2,745,071
2,755,430	2,753,521	2,749,515	38: 2,765,443	2,746,019	2,745,072
2,755,431	56: 2,743,405	2,750,564	41: 2,733,421	2,753,527	2,751,561



333—	98: 2,754,483 2,758,287 2,759,156 2,760,171 2,764,743 2,768,538 2,770,784 2,772,402 2,773,245 2,773,246 2,774,945 2,774,946 99: 2,754,484 5: 2,761,107 15: 2,731,605 30: 2,740,941 2,748,355 2,758,288 2,759,157 2,768,539 2,768,020 55: 2,748,356 60: 2,735,075 2,745,073 2,751,562 2,756,397 61: 769,962 2,770,785 65: 2,731,606 2,751,563 68: 2,764,744 70: 2,772,403 75: 2,753,532 2,762,987 79: 2,767,381 83: 2,748,357 2,775,742 87: 759,158 92: 2,762,987 96: 2,731,607 2,753,533 98: 2,741,528 110: 2,760,021 130: 2,731,608 2,752,578 136: 2,757,346 137: 2,735,076 139: 2,769,963 142: 2,730,682 155: 2,735,989 160: 2,771,587 165: 2,734,176 2,746,988 174: 2,756,399 180: 2,757,347 197: 2,751,564 207: 2,749,525 210: 2,762,988 212: 2,740,096 216: 2,767,382 220: 2,764,745 221: 2,765,448 2: 2,739,289 2,758,289 5: 2,747,166 2,751,565 2,754,485 2,773,247 8: 2,764,746 9: 2,757,348 12: 2,742,619 2,751,566 2,764,747 15: 2,752,579 16: 2,745,074 2,748,358 17: 2,750,699 2,730,683 2,731,609 2,740,097 2,752,580 2,754,486 19: 2,756,400 21: 2,743,423 22: 2,769,151 26: 2,745,075 2,762,021 28: 2,748,359 30: 2,740,942 31: 2,748,360 36: 2,729,797 2,744,243 2,756,401 37: 2,733,416 2,759,159 40: 2,740,943 2,770,786 41: 2,752,581 45: 2,745,021 2,761,108 47: 2,729,798 2,745,076 2,755,449	339—	47: 2,762,022 49: 2,739,290 50: 2,733,417 2,742,620 2,742,621 52: 2,729,799 2,732,530 2,743,424 2,775,743 53: 2,762,023 2,769,152 59: 2,753,534 2,760,172 2,774,045 60: 2,730,684 2,742,622 2,774,947 61: 2,749,526 2,753,535 62: 2,730,685 2,748,361 64: 2,735,450 2,755,449 70: 2,751,567 74: 2,750,570 2,775,744 75: 2,732,531 2,735,077 2,748,362 2,753,536 2,759,160 2,768,560 2,774,049 2,774,050 76: 2,760,173 77: 2,761,109 86: 2,735,990 2,735,991 89: 2,730,686 2,731,610 2,761,110 2,743,425 91: 2,730,687 2,735,992 2,735,993 2,757,350 2,758,290 2,760,174 2,761,111 2,775,745 92: 2,746,022 2,761,112 94: 2,731,611 2,740,098 2,758,291 2,757,347 95: 2,748,363 97: 2,734,177 2,742,623 2,759,161 99: 2,735,078 2,739,291 2,745,077 2,746,078 2,749,527 2,751,568 2,764,748 2,769,153 2,769,154 2,774,048 101: 2,774,948 102: 2,754,487 2,771,588 103: 2,750,571 2,753,537 2,756,402 2,763,846 105: 2,759,162 108: 2,733,418 2,754,488 2,769,155 109: 2,745,079 110: 2,766,433 118: 2,740,099 2,766,434 122: 2,742,624 126: 2,762,024 127: 2,734,178 128: 2,730,688 2,731,612 2,771,589 2,741,747 2,756,403 2,757,353 2,762,989 2,774,949 143: 2,762,990 2,770,787 144: 2,733,419 2,771,589 145: 2,730,689 2,733,420 2,733,421 2,749,528 2,769,156	339—	146: 2,732,532 147: 2,774,051 150: 2,764,749 151: 2,741,748 2,754,489 155: 2,752,582 156: 2,732,533 159: 2,761,113 164: 2,735,079 2,753,538 168: 2,771,590 2,770,792 176: 2,732,534 2,739,292 2,742,625 2,742,626 2,746,023 2,747,167 2,747,168 2,748,364 2,774,052 177: 2,751,551 2,757,351 2,762,991 183: 2,731,614 184: 2,765,449 185: 2,750,572 188: 2,729,800 2,751,569 189: 2,731,615 2,741,749 2,740,944 2,760,176 2,762,026 2,765,450 2,729,801 2,730,690 2,741,750 2,742,627 2,758,292 2,766,435 2,774,950 194: 2,735,994 2,753,539 196: 2,739,293 2,745,426 2,755,452 198: 2,735,996 2,743,373 2,748,365 2,766,436 2,767,383 2,770,788 2,774,053 200: 2,754,490 202: 2,740,100 211: 2,708,361 217: 2,734,179 2,741,751 2,743,427 2,759,163 218: 2,769,157 219: 2,763,847 220: 2,733,422 2,755,453 2,768,362 223: 2,740,101 2,749,529 2,751,570 224: 2,766,437 225: 2,752,583 226: 2,769,964 2,765,451 2,770,790 228: 2,751,571 231: 2,755,454 233: 2,774,054 235: 2,735,996 238: 2,735,996 239: 2,730,691 243: 2,748,366 246: 2,759,164 2,762,027 249: 2,731,616 250: 2,750,573 252: 2,748,367 2,761,114 255: 2,761,115 2,762,028 2,770,789 256: 2,729,802 2,730,692 2,731,617 2,739,294 2,742,628 2,746,024 2,759,165 2,762,029 2,766,438 2,770,790 2,772,404 2,775,746 258: 2,735,997 2,735,998	339—	258: 2,739,295 2,743,428 2,744,244 2,747,169 2,747,170 2,760,177 2,761,116 2,763,848 2,765,452 2,765,453 2,770,791 2,770,792 2,774,055 2,774,951 2,774,952 260: 2,765,454 263: 2,771,591 268: 2,731,618 269: 2,735,080 270: 2,767,384 2,768,363 272: 2,732,535 2,746,025 2,753,540 2,754,491 2,770,793 2,774,953 273: 2,770,794 274: 2,753,541 275: 2,760,178 2,760,179 276: 2,740,102 2,741,752 2,741,753 2,745,082 2,747,171 2,748,368 2,757,352 2,759,166 2,763,849 2,769,965 277: 2,762,030 2,761,121 340—	340—	17: 2,756,406 2,759,167 2,771,592 18: 2,742,629 2,757,358 19: 2,730,693 21: 2,741,755 22: 2,763,850 24: 2,762,992 2,771,593 25: 2,745,371 26: 2,732,538 2,734,180 2,756,407 27: 2,729,804 2,735,081 2,748,372 2,762,993 28: 2,736,001 29: 2,759,168 31: 2,729,805 32: 2,772,406 34: 2,771,594 35: 2,750,576 37: 2,751,574 2,761,119 38: 2,760,182 40: 2,745,086 2,758,293 43: 2,736,002 2,768,365 50: 2,749,533 2,752,585 2,762,994 2,767,390 52: 2,729,806 2,731,619 187: 2,736,003 2,740,947 2,742,630 2,756,408 2,761,123 2,769,967 2,773,249 2,775,750 58: 2,736,004 61: 2,732,539 2,762,995 66: 2,750,574 68: 2,747,173 70: 2,775,751 72: 2,751,575 74: 2,768,366 75: 2,734,181 81: 2,747,174 2,767,391 84: 2,740,104 2,740,105 2,769,162 87: 2,732,540 2,736,005 134: 2,732,541 147: 2,731,620 2,733,424 2,735,082 2,740,106 2,746,028 2,749,533 2,754,494 149: 2,731,621 2,756,409 2,760,183 2,774,056 151: 2,745,373 152: 2,761,122 162: 2,759,169 163: 2,731,622 2,731,623 2,731,625 2,735,083 2,748,374 164: 2,747,175 2,754,495 166: 2,734,182 2,734,183 2,734,184 2,734,185 2,744,245 2,769,968 167: 2,735,084 168: 2,740,948 171: 2,739,298 172: 2,730,694 173: 2,741,750 2,742,631 2,743,430 2,757,359 2,759,170 2,773,250 174: 2,729,807 2,729,809 2,730,695 2,732,542	340—	174: 2,733,425 2,734,186 2,734,187 2,739,299 2,739,800 2,740,949 2,741,757 2,741,758 2,742,632 2,750,579 2,750,580 2,753,545 2,754,496 2,759,171 2,763,851 2,764,750 2,765,456 2,768,367 2,769,163 2,770,796 2,770,797 2,771,598 2,774,957 177: 2,745,087 2,749,534 178: 2,740,950 181: 2,756,410 182: 2,730,696 183: 2,736,006 2,736,007 2,739,801 2,749,535 2,752,585 2,753,547 2,753,547 184: 2,736,005 2,740,951 187: 2,730,697 2,742,633 2,742,635 2,751,578 2,761,123 190: 2,748,376 2,763,852 195: 2,774,057 196: 2,731,624 199: 2,731,623 203: 2,743,423 205: 2,762,996 2,774,957 206: 2,730,698 2,731,626 2,734,188 2,740,952 2,748,377 207: 2,768,368 208: 2,751,577 2,756,411 212: 2,730,699 2,769,164 213: 2,730,700 2,730,701 2,730,702 2,730,703 2,730,704 2,731,627 2,732,543 2,732,543 2,738,426 2,736,009 2,742,634 2,745,088 2,761,124 2,763,869 2,769,165 2,769,970 2,769,971 2,772,407 2,774,058 214: 2,730,705 2,732,544 220: 2,743,481 2,772,408 222: 2,736,010 2,757,360 2,766,439 223: 2,735,085 2,736,011 2,735,752 2,764,751 225: 2,736,012 2,740,107 2,740,953 2,753,548 2,759,172 2,759,173 2,762,033 2,763,084 228: 2,735,086 2,766,440 231: 2,757,361 233: 2,758,294 234: 2,739,302
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340—	234: 2,755,456	340—	282: 2,736,015	340—	378: 2,762,040	343—	12: 2,742,638	343—	727: 2,756,420	343—	909: 2,769,171
235: 2,743,432			2,739,303	380: 2,734,189		2,755,463		2,760,192		911: 2,761,141	
236: 2,752,986			2,745,091	2,740,987		2,763,857		2,767,995		8: 2,733,116	
237: 2,745,089			2,746,029	2,751,584		2,768,372		2,749,544		2,780,247	
237: 2,747,176			2,750,583	2,766,447		2,729,815		2,769,168		2,750,248	
2,752,587			2,754,499	2,740,111	381: 2,740,711	13: 2,730,711		2,771,604		2,751,273	
2,757,362			2,772,411	2,742,636	2,742,636	2,741,762		2,729,816		2,755,160	
2,759,174			2,736,413	2,745,094	2,742,639			2,763,860		2,759,783	
2,763,853			2,762,998	2,749,541	2,769,167			2,730,717		2,760,840	
2,768,370			2,769,166	2,762,999	2,774,066			2,745,100		2,766,094	
239: 2,735,087			307: 2,766,443	2,763,855	2,774,965			2,770,800		2,772,940	
2,760,184			310: 2,743,454	2,751,585	2,730,712			2,754,513		17: 2,734,791	
2,766,441			2,750,414	2,761,127	2,754,510			2,774,066		2,746,832	
2,772,409			312: 2,753,550	2,768,371	2,746,034			2,774,067		21: 2,768,049	
242: 2,749,536			315: 2,772,412	2,761,128	2,751,586			2,741,763		22: 2,770,516	
2,750,381			316: 2,731,632	2,740,958	2,755,464			2,746,039		24: 2,739,029	
2,759,175			2,736,016	2,740,959	2,759,181			2,747,182		25: 2,753,238	
2,766,442			2,736,017	2,748,383	2,775,758			2,751,589		33: 2,739,865	
2,767,392			2,748,382	393: 2,752,592	2,730,713			2,755,465		2,743,985	
2,770,799			2,763,854	2,757,365	2,736,020			2,762,044		2,759,784	
2,773,251			2,771,599	2,753,435	2,740,963			2,764,756		2,766,095	
2,774,958			318: 2,731,631	2,754,504	2,747,179			2,773,256		2,768,050	
244: 2,736,013			2,739,304	401: 2,759,179	2,751,587			2,756,424		35: 2,749,204	
2,748,378			2,745,092	403: 2,740,960	2,753,553			2,774,068		37: 2,755,161	
2,748,379			2,755,458	2,749,542	2,761,132			2,761,137		2,755,162	
248: 2,774,959			321: 2,739,305	2,732,547	2,748,384			2,771,605		38: 2,759,785	
2,752,588			2,751,581	2,756,416	2,763,858			2,742,640		39: 2,773,732	
2,759,176			2,760,185	407: 2,764,505	2,763,858			2,749,545		44: 2,734,169	
250: 2,735,088			2,762,037	2,735,092	2,765,460			2,729,817		46: 2,743,986	
2,758,235			324: 2,730,708	2,742,637	2,775,759			2,767,396		49: 2,769,680	
2,774,960			2,754,500	2,743,436	2,747,180			2,750,588		2,775,502	
252: 2,731,628			332: 2,745,093	2,753,551	2,752,594			2,761,138		62: 2,749,205	
2,731,629			2,755,458	2,753,461	2,763,859			2,775,760		64: 2,743,987	
2,736,014			2,755,458	2,758,298	2,772,002			2,745,101		74: 2,732,275	
2,756,412			335: 2,733,428	2,758,299	2,771,604			2,761,139		2,740,685	
2,764,752			345: 2,730,709	2,759,180	2,746,036			2,756,423		2,743,988	
2,772,410			2,733,429	2,773,253	2,746,036			2,740,113		2,751,274	
2,774,059			2,735,091	2,758,095	2,762,041			2,742,641		2,758,906	
253: 2,730,706			2,739,306	2,760,187	2,762,042			2,742,641		2,764,463	
2,745,090			2,740,109	2,764,754	2,763,859			2,748,386		2,765,210	
2,748,380			2,749,538	2,764,755	2,773,254			2,748,387		2,770,517	
2,751,578			2,754,501	2,746,031	2,773,254			2,757,399		2,771,336	
2,751,579			2,760,145	2,729,814	2,767,397			2,762,043		2,772,135	
2,752,589			2,766,445	2,733,436	2,765,461			2,755,466		2,774,646	
2,755,457			2,774,063	2,740,961	2,731,634			2,761,140		2,776,682	
2,759,177			347: 2,729,811	2,755,462	2,732,549			2,770,801		101: 2,729,818	
2,764,753			2,729,812	2,760,188	2,754,511			2,775,761		107: 2,739,866	
2,765,457			2,729,812	2,761,129	2,761,133			2,744,248		2,746,833	
255: 2,735,089			2,733,430	2,763,856	2,766,450			2,742,642		2,751,275	
2,752,590			2,733,431	2,769,975	2,768,373			2,745,102		2,755,163	
258: 2,732,545			2,733,432	2,779,975	2,769,976			2,746,037		2,757,366	
2,743,433			2,749,540	2,774,064	2,769,976			2,755,467		2,762,044	
2,749,537			2,750,584	2,740,112	2,744,249			2,755,467		2,762,044	
2,767,393			2,754,502	2,746,032	2,730,714			2,756,425		2,768,051	
2,769,972			2,754,503	2,760,189	2,768,374			2,757,399		2,773,233	
2,774,060			2,755,459	2,761,130	2,730,715			2,762,045		2,774,647	
2,774,961			2,762,038	2,774,964	2,736,022			2,763,860		2,775,503	
259: 2,735,091			2,763,459	2,736,019	2,747,181			2,764,040		2,776,683	
2,748,381			2,775,754	2,740,962	2,753,554			2,770,802		2,777,334	
2,774,061			348: 2,758,297	2,766,449	2,753,555			2,771,606		2,778,504	
2,775,753			351: 2,733,433	2,739,307	2,753,556			2,772,003		2,779,684	
261: 2,752,591			357: 2,750,586	2,746,033	2,760,190			2,773,255		2,780,249	
2,774,062			359: 2,729,813	2,754,506	2,765,462			2,774,069		2,781,335	
263: 2,740,108			2,755,460	2,743,437	2,774,966			2,775,762		2,782,510	
2,751,580			2,774,962	2,752,593	2,779,977			2,776,684		2,783,685	
2,757,363			2,775,755	2,743,438	2,784,385			2,777,336		2,784,760	
264: 2,757,363			364: 2,740,110	2,774,065	2,771,603			2,778,505		2,785,761	
266: 2,771,597			365: 2,771,600	2,730,710	2,751,588			2,779,685		2,786,936	
267: 2,761,125			2,774,963	2,741,760	2,769,977			2,780,249		2,788,111	
2,762,035			366: 2,751,582	2,731,633	2,745,099			2,781,336		2,789,286	
2,762,036			2,769,974	2,733,437	2,730,716			2,782,511		2,790,461	
2,762,037			367: 2,733,434	2,739,308	2,744,246			2,783,686		2,791,636	
268: 2,731,630			2,736,018	2,741,761	2,746,037			2,784,761		2,792,811	
2,735,090			2,742,635	2,743,439	2,757,367			2,785,836		2,793,986	
2,750,582			2,743,435	2,745,096	2,773,255			2,786,961		2,795,161	
2,753,449			2,750,587	2,746,037	2,782,043			2,788,112		2,796,286	
2,773,252			2,751,583	2,747,178	2,781,334			2,789,287		2,797,461	
271: 2,761,126			2,760,186	2,753,552	2,782,512			2,790,462		2,798,636	
275: 2,733,427			368: 2,762,039	2,754,507	2,783,687			2,791,637		2,799,811	
276: 2,747,177			369: 2,740,954	2,754,508	2,784,762			2,792,812		2,800,986	
2,771,598			2,746,030	2,754,509	2,785,837			2,793,987		2,802,161	
279: Re.24,197			2,759,178	2,756,417	2,786,962			2,794,247		2,803,336	
2,754,497			370: 2,756,415	2,761,131	2,788,113			2,795,462		2,804,511	
2,752,598			373: 2,740,955	2,771,601	2,789,288			2,796,637		2,805,686	
2,754,498			2,740,956	2,772,755	2,790,463			2,797,812		2,806,861	
2,758,296			378: 2,750,585	2,773,256	2,791,638			2,798,987		2,808,036	
282: 2,730,707			2,757,364	2,774,966	2,792,813			2,799,162		2,809,211	



# 1956

## CLASSIFICATION OF DESIGNS

NOTE.—First number=class, second number=subclass, third number=patent number

D 1—2: Des. 177,727 Des. 177,753 Des. 178,186 Des. 176,850 Des. 177,565 Des. 177,629 Des. 178,600 Des. 179,282	D 2—3: Des. 176,762 Des. 176,767 Des. 176,788 Des. 176,912 Des. 176,918 Des. 177,864 Des. 177,942 Des. 178,846 Des. 179,228	D 3—3: Des. 179,072 Des. 176,612 Des. 176,613 Des. 176,614 Des. 177,169 Des. 178,147 Des. 178,784 Des. 177,007 Des. 176,598 Des. 176,758 Des. 177,472 Des. 179,045 Des. 176,911 Des. 178,725 Des. 177,502 Des. 177,692 Des. 177,872 Des. 179,250 Des. 179,055 Des. 177,180 Des. 177,484 Des. 177,712 Des. 178,023 Des. 178,111 Des. 178,682 Des. 178,699 Des. 178,748 Des. 178,833 Des. 178,834 Des. 179,106 Des. 176,756 Des. 177,001 Des. 177,438 Des. 177,735 Des. 178,449 Des. 179,199 Des. 176,650 Des. 178,809 Des. 177,771 Des. 177,958 Des. 179,109 Des. 179,200 Des. 179,397 Des. 176,555 Des. 176,602 Des. 176,830 Des. 177,556 Des. 179,401 Des. 178,574 Des. 178,496 Des. 176,611 Des. 177,015 Des. 177,016 Des. 177,017 Des. 177,018 Des. 177,019 Des. 177,020 Des. 177,021 Des. 177,037 Des. 177,038 Des. 177,039 Des. 177,040 Des. 177,227 Des. 177,269 Des. 177,290 Des. 177,291 Des. 177,292 Des. 177,318 Des. 177,319	D 3—26: Des. 177,422 Des. 177,429 Des. 177,430 Des. 177,432 Des. 177,622 Des. 178,339 Des. 178,640 Des. 178,641 Des. 178,642 Des. 178,643 Des. 178,644 Des. 178,949 Des. 179,063 Des. 179,121 Des. 179,122 Des. 179,130 Des. 179,167 Des. 179,168 Des. 177,584 Des. 177,587 Des. 177,649 Des. 178,489 Des. 179,031 Des. 176,553 Des. 176,567 Des. 176,610 Des. 176,703 Des. 176,806 Des. 176,842 Des. 177,062 Des. 177,193 Des. 177,300 Des. 177,342 Des. 177,619 Des. 177,887 Des. 178,568 Des. 178,947 Des. 178,967 Des. 179,083 Des. 177,076 Des. 177,592 Des. 178,077 Des. 178,916 Des. 178,764 Des. 178,940 Des. 179,394 Des. 179,395 Des. 179,241 Des. 179,427 Des. 179,428 Des. 179,429 Des. 177,467 Des. 177,473 Des. 177,474 Des. 178,656 Des. 178,668 Des. 178,702 Des. 178,825 Des. 178,851 Des. 178,939 Des. 179,061 Des. 178,930 Des. 177,805 Des. 178,828 Des. 178,781 Des. 178,679 Des. 178,496 Des. 176,886 Des. 177,051 Des. 177,486 Des. 177,487 Des. 177,667 Des. 177,810 Des. 178,025 Des. 178,217 Des. 178,268 Des. 178,283 Des. 178,432 Des. 178,503 Des. 178,508 Des. 178,551 Des. 178,553 Des. 178,654 Des. 178,683 Des. 178,700 Des. 178,809	D 7—7: Des. 179,177 Des. 179,350 D 9—1: Des. 178,315 Des. 178,565 Des. 176,505 Des. 176,554 Des. 176,635 Des. 176,748 Des. 176,820 Des. 177,031 Des. 177,274 Des. 177,594 Des. 177,633 Des. 177,788 Des. 178,126 Des. 178,141 Des. 178,142 Des. 178,199 Des. 178,310 Des. 178,322 Des. 178,350 Des. 178,474 Des. 178,475 Des. 178,476 Des. 178,479 Des. 178,522 Des. 178,578 Des. 178,730 Des. 178,746 Des. 178,747 Des. 178,774 Des. 178,830 Des. 178,848 Des. 178,920 Des. 179,178 Des. 179,242 Des. 179,332 Des. 179,439 Des. 179,441 Des. 176,570 Des. 177,048 Des. 178,353 Des. 178,384 Des. 178,414 Des. 178,492 Des. 178,726 Des. 178,781 Des. 178,819 Des. 178,830 Des. 178,980 D 10—6: Des. 176,617 Des. 179,406 Des. 176,932 Des. 178,396 Des. 178,953 Des. 178,971 Des. 178,994 Des. 179,317 Des. 176,713 Des. 176,808 Des. 176,816 Des. 177,599 Des. 178,163 Des. 178,436 Des. 178,589 Des. 178,660 Des. 178,859 Des. 178,865 Des. 178,903 Des. 178,908 Des. 178,969 Des. 178,977 Des. 179,001 Des. 179,120 Des. 179,220 Des. 179,417 Des. 178,283 Des. 178,201 Des. 178,202 Des. 178,203 Des. 178,204 Des. 178,205 Des. 176,585 Des. 176,652 Des. 176,653 Des. 176,654	D 10—10: Des. 176,885 Des. 178,218 Des. 178,106 Des. 176,582 Des. 178,697 Des. 179,204 Des. 179,205 D 12—2: Des. 177,053 Des. 177,476 Des. 178,232 Des. 178,240 Des. 179,107 D 13—1: Des. 176,801 Des. 176,869 Des. 177,189 Des. 177,721 Des. 177,748 Des. 177,755 Des. 177,855 Des. 177,897 Des. 177,928 Des. 177,946 Des. 178,006 Des. 178,116 Des. 178,419 Des. 178,420 Des. 178,469 Des. 178,470 Des. 178,471 Des. 178,594 Des. 178,657 Des. 178,692 Des. 178,714 Des. 178,878 Des. 178,915 Des. 178,932 Des. 178,937 Des. 179,263 Des. 179,266 Des. 179,277 Des. 179,303 Des. 178,760 D 14—3: Des. 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- D26— 5: Des. 179,132  
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- D34— 15: Des. 177,046  
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Des. 177,494  
Des. 177,698  
Des. 177,749  
Des. 177,756  
Des. 177,878  
Des. 177,970  
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D36— 2: Des. 179,011  
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8: Des. 177,559  
Des. 177,630  
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Des. 178,501  
Des. 178,502  
Des. 178,861  
Des. 179,010  
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D37— 1: Des. 176,600  
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10: Des. 177,490
- D39— 1: Des. 178,081  
D40— 1: Des. 178,088  
Des. 176,710  
Des. 177,148  
Des. 177,156  
Des. 177,235  
Des. 177,466  
Des. 177,479  
Des. 177,553  
Des. 177,909  
Des. 177,961  
Des. 178,278  
Des. 178,279  
Des. 178,511  
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Des. 178,602  
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D41— 1: Des. 176,649  
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Des. 178,879  
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D42— 1: Des. 178,184  
Des. 178,421  
Des. 178,631  
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7: Des. 176,761  
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Des. 177,468  
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Des. 177,865  
Des. 177,956  
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Des. 178,872  
Des. 179,315  
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8: Des. 178,008  
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Des. 176,871  
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D44—10: Des. 179,410 15: Des. 176,634 Des. 176,822 Des. 176,823 Des. 176,824 Des. 176,825 Des. 177,030 Des. 177,035 Des. 177,078 Des. 177,175 Des. 177,434 Des. 177,435 Des. 177,732 Des. 177,733 Des. 177,734 Des. 178,047 Des. 178,048 Des. 178,059 Des. 178,127 Des. 178,156 Des. 178,433 Des. 178,537 Des. 178,571 Des. 178,588 Des. 178,665 Des. 178,666 Des. 178,667 Des. 178,956 Des. 179,368 Des. 179,369 Des. 179,373 21: Des. 176,826 Des. 177,378 Des. 177,436 Des. 178,512 Des. 178,874 Des. 179,005 Des. 179,370 22: Des. 176,923 Des. 177,192 Des. 177,373 Des. 177,627 Des. 177,628 Des. 178,108 Des. 178,524 Des. 178,721 Des. 179,293 24: Des. 178,655 Des. 179,251 25: Des. 177,340 Des. 178,658 Des. 178,929 26: Des. 176,929 Des. 177,194 Des. 177,437 Des. 177,862 Des. 177,944 Des. 178,435 Des. 178,521 Des. 178,510 Des. 178,698 Des. 179,135 Des. 179,197 Des. 179,198 Des. 179,261 29: Des. 176,518 Des. 176,643 Des. 176,658 Des. 177,073 Des. 177,375 Des. 177,439 Des. 177,478 Des. 177,623 Des. 177,624 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177,984 Des. 177,935 Des. 177,936 Des. 178,242 Des. 178,269 Des. 178,326 Des. 178,440 Des. 178,573 Des. 178,583 Des. 178,674 Des. 178,676 Des. 178,787 Des. 178,788 Des. 178,789 Des. 178,905 Des. 178,928 Des. 178,934 Des. 179,050 Des. 179,354 Des. 179,358 Des. 179,405 Des. 179,437 Des. 179,438 9: Des. 176,512 Des. 176,666 Des. 176,670 Des. 176,673 Des. 176,674 Des. 176,677 Des. 176,682 Des. 176,684 Des. 176,689 Des. 176,694 Des. 176,700 Des. 176,775 Des. 176,777 Des. 176,783 Des. 176,787 Des. 176,788 Des. 176,790 Des. 176,861 Des. 176,865 Des. 176,868 Des. 176,950 Des. 176,953 Des. 176,957 Des. 177,090 Des. 177,101 Des. 177,104 Des. 177,116 Des. 177,119 Des. 177,127 Des. 177,131 Des. 177,132 Des. 177,135 Des. 177,138 Des. 177,140 Des. 177,241 Des. 177,246 D45—9: Des. 177,230 Des. 177,251 Des. 177,258 Des. 177,261 Des. 177,331 Des. 177,383 Des. 177,386 Des. 177,387 Des. 177,393 Des. 177,400 Des. 177,403 Des. 177,509 Des. 177,510 Des. 177,513 Des. 177,518 Des. 177,822 Des. 177,824 Des. 177,827 Des. 177,840 Des. 177,843 Des. 177,845 Des. 177,846 Des. 177,848 Des. 177,851 Des. 177,852 Des. 177,854 Des. 177,985 Des. 177,988 Des. 178,062 Des. 178,063 Des. 178,065 Des. 178,071 Des. 178,235 Des. 178,244 Des. 178,245 Des. 178,385 Des. 178,386 Des. 178,392 Des. 178,594 Des. 178,595 Des. 178,599 Des. 178,404 Des. 178,405 Des. 178,406 Des. 178,672 Des. 178,673 Des. 178,677 Des. 178,678 Des. 178,693 Des. 178,694 Des. 178,701 Des. 178,784 Des. 178,794 Des. 178,797 Des. 178,870 10: Des. 176,522 Des. 176,523 Des. 176,524 Des. 177,230 Des. 177,384 Des. 177,543 Des. 177,544 Des. 177,545 Des. 177,546 Des. 177,554 Des. 177,596 Des. 177,818 Des. 177,967 Des. 178,498 Des. 178,636 Des. 179,007 Des. 179,233 Des. 179,287 15: Des. 177,969 16: Des. 176,526 Des. 176,527 Des. 176,528 Des. 176,529 Des. 176,530 Des. 176,531 Des. 176,601 Des. 176,662 Des. 176,663 Des. 176,664 Des. 176,668 Des. 176,671 Des. 176,675 Des. 176,676 Des. 176,678 Des. 176,680 Des. 176,681 Des. 176,683 Des. 176,685 Des. 176,686 Des. 176,687 Des. 176,688 Des. 176,693 Des. 176,696 Des. 176,771 Des. 176,772 Des. 176,773 Des. 176,774 Des. 176,781 Des. 176,785 Des. 176,789 D45—16: Des. 176,853 Des. 176,854 Des. 176,856 Des. 176,857 Des. 176,859 Des. 176,862 Des. 176,867 Des. 176,951 Des. 176,952 Des. 176,954 Des. 176,955 Des. 177,452 Des. 176,705 Des. 176,779 Des. 176,782 Des. 176,786 Des. 176,855 Des. 176,858 Des. 176,860 Des. 176,863 Des. 176,866 Des. 176,949 Des. 177,141 Des. 177,142 Des. 177,144 Des. 177,247 Des. 177,249 Des. 177,255 Des. 177,256 Des. 177,330 Des. 177,332 Des. 177,333 Des. 177,382 Des. 177,383 Des. 177,388 Des. 177,389 Des. 177,390 Des. 177,391 Des. 177,401 Des. 177,402 Des. 177,408 Des. 177,409 Des. 177,414 Des. 177,511 Des. 177,512 Des. 177,514 Des. 177,521 Des. 177,589 Des. 177,813 Des. 177,819 Des. 177,821 Des. 177,823 Des. 177,825 Des. 177,826 Des. 177,829 Des. 177,830 Des. 177,833 Des. 177,839 Des. 177,842 Des. 177,844 Des. 177,850 Des. 177,984 Des. 177,987 Des. 178,061 Des. 178,064 Des. 178,066 Des. 178,067 Des. 178,068 Des. 178,070 Des. 178,130 Des. 178,237 Des. 178,243 Des. 178,246 Des. 178,378 Des. 178,381 Des. 178,388 Des. 178,389 Des. 178,396 Des. 178,397 Des. 178,400 Des. 178,402 Des. 178,403 Des. 178,717 Des. 178,733 Des. 178,786 Des. 178,792 Des. 178,793 Des. 178,795 Des. 178,796 Des. 179,008 Des. 179,009 Des. 179,254 Des. 179,321 Des. 179,332 Des. 179,353 Des. 179,355 17: Des. 176,497 Des. 176,498 Des. 176,499 Des. 176,525 Des. 176,776 Des. 177,277 Des. 177,364 Des. 177,416 D45—17: Des. 177,497 Des. 178,380 Des. 178,383 19: Des. 176,665 Des. 176,669 Des. 176,672 Des. 176,679 Des. 176,691 Des. 176,695 Des. 176,697 Des. 176,699 Des. 176,705 Des. 176,779 Des. 176,782 Des. 176,786 Des. 176,855 Des. 176,858 Des. 176,860 Des. 176,863 Des. 176,866 Des. 176,948 Des. 176,949 Des. 176,956 Des. 177,105 Des. 177,106 Des. 177,107 Des. 177,108 Des. 177,109 Des. 177,110 Des. 177,111 Des. 177,112 Des. 177,115 Des. 177,118 Des. 177,120 Des. 177,121 Des. 177,123 Des. 177,125 Des. 177,130 Des. 177,133 Des. 177,134 Des. 177,139 Des. 177,143 Des. 177,145 Des. 177,146 Des. 177,245 Des. 177,253 Des. 177,254 Des. 177,257 Des. 177,259 Des. 177,260 Des. 177,379 Des. 177,380 Des. 177,381 Des. 177,392 Des. 177,394 Des. 177,395 Des. 177,396 Des. 177,397 Des. 177,398 Des. 177,399 Des. 177,410 Des. 177,411 Des. 177,412 Des. 177,413 Des. 177,415 Des. 177,508 Des. 177,515 Des. 177,516 Des. 177,517 Des. 177,520 Des. 177,528 Des. 177,831 Des. 177,832 Des. 177,834 Des. 177,835 Des. 177,836 Des. 177,837 Des. 177,838 Des. 177,841 Des. 177,847 Des. 177,849 Des. 177,853 Des. 177,881 Des. 177,882 Des. 177,986 Des. 177,989 Des. 177,990 Des. 177,991 Des. 178,069 Des. 178,238 Des. 178,382 Des. 178,384 Des. 178,387 Des. 178,390 Des. 178,391 Des. 178,393 Des. 178,398 Des. 178,401 Des. 178,675 Des. 178,785 Des. 179,351 D46—1: Des. 176,746 D47—2: Des. 176,931 Des. 178,509 D47—2: Des. 178,827 Des. 179,037 6: Des. 177,646 Des. 177,647 Des. 178,624 7: Des. 176,655 Des. 176,903 Des. 177,341 Des. 178,883 D48—2: Des. 176,631 Des. 177,166 Des. 177,236 Des. 177,237 Des. 177,285 Des. 177,286 Des. 177,441 Des. 177,442 Des. 177,443 Des. 177,444 Des. 178,075 Des. 178,464 Des. 178,707 3: Des. 177,791 Des. 177,792 Des. 177,793 4: Des. 177,715 Des. 177,716 7: Des. 178,538 16: Des. 176,921 Des. 177,026 Des. 177,027 Des. 177,344 Des. 178,121 20: Des. 176,549 Des. 176,550 Des. 176,616 Des. 176,712 Des. 176,719 Des. 176,744 Des. 176,750 Des. 176,935 Des. 176,988 Des. 176,989 Des. 177,152 Des. 177,178 Des. 177,294 Des. 177,469 Des. 177,491 Des. 177,530 Des. 177,531 Des. 177,551 Des. 177,608 Des. 177,609 Des. 177,618 Des. 177,631 Des. 177,744 Des. 177,757 Des. 177,789 Des. 177,902 Des. 177,995 Des. 178,073 Des. 178,117 Des. 178,275 Des. 178,276 Des. 178,329 Des. 178,415 Des. 178,416 Des. 178,438 Des. 178,448 Des. 178,465 Des. 178,563 Des. 178,575 Des. 178,606 Des. 178,618 Des. 178,803 Des. 179,033 Des. 179,096 Des. 179,182 Des. 179,187 Des. 179,244 Des. 179,286 23: Des. 177,268 Des. 177,347 Des. 177,532 Des. 177,568 Des. 177,918 Des. 178,212 Des. 179,086 24: Des. 176,958 Des. 177,080 Des. 177,091 Des. 177,268 Des. 177,534 Des. 177,955 Des. 179,027 Des. 179,114 27: Des. 176,651 Des. 176,979 Des. 177,150 Des. 177,893 Des. 178,090 Des. 178,139 Des. 179,042
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- D48—29: Des. 176,987  
31: Des. 177,232  
Des. 177,616  
Des. 177,964  
Des. 178,282  
Des. 178,901  
Des. 179,337  
Des. 179,339  
32: Des. 176,372  
Des. 176,636  
Des. 177,154  
Des. 177,320  
Des. 177,356  
Des. 177,766  
Des. 177,979  
Des. 178,028  
Des. 178,049  
Des. 178,314  
Des. 179,161  
Des. 179,162
- D49—1: Des. 176,493  
Des. 176,642  
Des. 176,721  
Des. 176,739  
Des. 176,814  
Des. 176,965  
Des. 177,009  
Des. 177,010  
Des. 177,011  
Des. 177,168  
Des. 177,302  
Des. 177,652  
Des. 178,003  
Des. 178,004  
Des. 178,206  
Des. 178,260  
Des. 178,317  
Des. 178,351  
Des. 179,461  
6: Des. 176,608  
Des. 176,973  
Des. 176,977  
Des. 177,287  
Des. 178,151
- D50—3: Des. 176,851  
Des. 179,458  
5: Des. 177,089  
Des. 178,963  
Des. 179,048  
6: Des. 176,559  
Des. 176,560  
Des. 176,561  
Des. 176,562  
Des. 176,563  
Des. 176,564  
Des. 176,714  
Des. 177,700  
Des. 179,152  
Des. 179,346  
Des. 179,436  
7: Des. 177,609  
Des. 177,971  
Des. 179,085
- D52—1: Des. 176,626  
Des. 176,833  
Des. 176,917  
Des. 176,972  
Des. 177,428  
Des. 177,541  
Des. 177,697  
Des. 177,742  
Des. 177,764  
Des. 177,889  
Des. 178,001  
Des. 178,060  
Des. 178,083  
Des. 178,254  
Des. 178,335  
Des. 178,412  
Des. 178,507  
Des. 178,567  
Des. 178,863  
Des. 179,032  
Des. 179,112  
Des. 179,141  
Des. 179,181  
Des. 179,330  
Des. 179,412  
Des. 179,432  
Des. 179,443  
Des. 179,444  
2: Des. 176,639  
Des. 176,978  
Des. 177,457  
Des. 177,538  
Des. 177,597  
Des. 177,648  
Des. 177,899  
Des. 177,965  
Des. 178,248  
Des. 178,629  
Des. 178,966  
Des. 179,235  
Des. 179,426  
3: Des. 176,970
- D52—3: Des. 177,424  
Des. 177,569  
Des. 177,610  
Des. 177,884  
Des. 177,894  
Des. 178,336  
Des. 178,358  
Des. 178,566  
Des. 178,882  
Des. 178,891  
Des. 178,906  
Des. 178,973  
Des. 179,136  
Des. 179,137  
Des. 179,190  
Des. 179,306  
Des. 179,316  
Des. 179,389  
Des. 179,460  
4: Des. 177,913  
Des. 178,087  
7: Des. 176,657  
Des. 176,735  
Des. 176,741  
Des. 176,742  
Des. 176,743  
Des. 177,151  
Des. 177,313  
Des. 177,314  
Des. 177,684  
Des. 178,327  
Des. 178,525  
Des. 178,871  
Des. 179,069  
10: Des. 176,884  
Des. 177,641  
D54—2: Des. 176,765  
Des. 176,976  
Des. 177,149  
Des. 177,315  
Des. 177,471  
Des. 177,888  
Des. 177,963  
Des. 178,172  
Des. 178,173  
Des. 178,579  
Des. 178,605  
Des. 178,659  
6: Des. 176,960  
Des. 177,171  
Des. 177,350  
Des. 177,351  
Des. 178,431  
Des. 178,761  
Des. 178,812  
Des. 179,024  
9: Des. 176,945  
Des. 178,039  
11: Des. 179,329  
12: Des. 176,501  
Des. 176,502  
Des. 176,540  
Des. 176,594  
Des. 176,601  
Des. 176,732  
Des. 176,749  
Des. 176,836  
Des. 176,902  
Des. 176,913  
Des. 177,173  
Des. 177,174  
Des. 177,191  
Des. 177,225  
Des. 177,527  
Des. 177,542  
Des. 177,548  
Des. 177,549  
Des. 177,611  
Des. 177,689  
Des. 177,708  
Des. 177,803  
Des. 177,807  
Des. 177,856  
Des. 177,857  
Des. 177,860  
Des. 177,869  
Des. 177,873  
Des. 177,994  
Des. 178,011  
Des. 178,012  
Des. 178,013  
Des. 178,014  
Des. 178,015  
Des. 178,016  
Des. 178,086  
Des. 178,182  
Des. 178,261  
Des. 178,262  
Des. 178,409  
Des. 178,623  
Des. 178,716  
Des. 178,913  
Des. 178,914  
Des. 178,915  
Des. 178,987
- D54—12: Des. 179,057  
Des. 179,058  
Des. 179,059  
Des. 179,105  
Des. 179,218  
Des. 179,281  
Des. 179,396  
Des. 179,421  
Des. 179,537  
Des. 177,537  
Des. 177,580  
Des. 177,636  
Des. 177,664  
Des. 178,041  
Des. 178,249  
Des. 178,363  
Des. 178,899  
Des. 178,911  
Des. 179,052  
Des. 179,056  
Des. 179,216  
Des. 179,217  
14: Des. 176,944  
Des. 176,846  
Des. 178,227  
Des. 178,296  
Des. 178,446  
Des. 178,910  
Des. 179,065  
Des. 179,307  
Des. 179,453  
16: Des. 176,974  
Des. 178,035  
Des. 178,773
- D55—1: Des. 176,645  
Des. 176,845  
Des. 177,234  
Des. 177,536  
Des. 178,289  
Des. 178,294  
Des. 178,927  
Des. 179,322  
Des. 179,323  
5: Des. 179,323  
D56—1: Des. 177,197  
Des. 177,417  
Des. 177,751  
Des. 178,080  
Des. 178,959  
Des. 178,844  
Des. 179,391  
2: Des. 179,151  
Des. 179,291  
Des. 179,392  
Des. 179,393  
4: Des. 176,492  
Des. 176,515  
Des. 178,810  
Des. 177,075  
Des. 177,346  
Des. 177,492  
Des. 177,728  
Des. 177,959  
Des. 178,115  
Des. 178,167  
Des. 178,933  
Des. 179,080  
Des. 179,150  
Des. 179,186  
Des. 179,207  
Des. 179,255  
Des. 179,269  
Des. 179,404  
Des. 179,445  
9: Des. 177,705  
Des. 177,706  
Des. 177,707  
Des. 177,709  
Des. 178,171  
Des. 178,580  
Des. 179,142  
D57—1: Des. 176,704  
Des. 176,820  
Des. 176,871  
Des. 176,907  
Des. 176,941  
Des. 176,969  
Des. 177,229  
Des. 177,581  
Des. 177,582  
Des. 177,741  
Des. 177,863  
Des. 177,924  
Des. 177,992  
Des. 177,998  
Des. 177,999  
Des. 178,154  
Des. 178,178  
Des. 178,179  
Des. 178,185  
Des. 178,196  
Des. 178,197  
Des. 178,198  
Des. 178,234
- D57—1: Des. 178,300  
Des. 178,301  
Des. 178,302  
Des. 178,303  
Des. 178,304  
Des. 178,305  
Des. 178,306  
Des. 178,307  
Des. 178,324  
Des. 178,328  
Des. 178,342  
Des. 178,620  
Des. 178,680  
Des. 178,715  
Des. 178,712  
Des. 178,873  
Des. 178,984  
Des. 179,095  
Des. 179,019  
Des. 179,084  
Des. 179,088  
Des. 179,113  
Des. 179,155  
Des. 179,183  
Des. 179,184  
Des. 179,201  
Des. 179,202  
Des. 179,271  
Des. 179,341  
Des. 179,356  
Des. 179,434  
Des. 179,462  
7: Des. 178,766  
Des. 177,598  
Des. 177,651  
Des. 177,780  
Des. 178,885  
Des. 178,886  
Des. 178,887  
Des. 177,910  
Des. 178,255  
Des. 178,601  
Des. 179,259  
5: Des. 178,457  
Des. 178,731  
6: Des. 176,506  
Des. 176,590  
Des. 176,888  
Des. 177,352  
Des. 177,468  
Des. 178,131  
Des. 178,144  
Des. 178,213  
Des. 178,258  
Des. 178,259  
Des. 178,273  
Des. 178,274  
Des. 178,337  
Des. 178,345  
Des. 178,346  
Des. 178,347  
Des. 178,423  
Des. 178,849  
Des. 178,876  
Des. 178,970  
Des. 179,020  
7: Des. 178,561  
8: Des. 176,727  
Des. 177,728  
Des. 176,805  
Des. 176,849  
Des. 176,975  
Des. 177,263  
Des. 177,271  
Des. 177,275  
Des. 177,550  
Des. 177,607  
Des. 177,738  
Des. 178,005  
Des. 178,223  
Des. 178,224  
Des. 178,225  
Des. 178,271  
Des. 178,348  
Des. 178,529  
Des. 178,808  
Des. 178,917  
Des. 178,919  
Des. 179,022  
Des. 179,173  
Des. 179,208  
9: Des. 177,363  
Des. 176,986  
Des. 177,731  
Des. 177,774  
Des. 178,441  
Des. 178,715  
Des. 178,961  
11: Des. 176,630  
Des. 178,165  
Des. 178,165  
Des. 178,263  
Des. 178,957  
Des. 179,344  
Des. 179,349  
12: Des. 176,729
- D58—12: Des. 176,730  
Des. 176,731  
Des. 176,734  
Des. 176,745  
Des. 176,844  
Des. 176,943  
Des. 177,586  
Des. 178,604  
Des. 178,922  
Des. 179,195  
Des. 179,225  
12 6: Des. 176,738  
Des. 177,283  
Des. 177,893  
Des. 178,627  
Des. 179,279  
13: Des. 178,074  
Des. 178,207  
Des. 178,210  
Des. 178,562  
Des. 178,950  
Des. 179,270  
Des. 179,338  
17: Des. 176,538  
Des. 176,895  
Des. 177,702  
Des. 177,761  
Des. 178,160  
Des. 178,251  
Des. 178,625  
Des. 178,661  
25: Des. 176,542  
Des. 177,005  
Des. 177,570  
Des. 178,630  
Des. 178,703  
Des. 179,039  
Des. 179,040  
Des. 179,164  
Des. 179,226  
Des. 179,399  
26: Des. 176,583  
Des. 176,644  
Des. 176,806  
Des. 176,897  
Des. 177,022  
Des. 177,201  
Des. 177,796  
Des. 177,960  
Des. 178,221  
Des. 178,463  
Des. 178,609  
Des. 178,732  
Des. 178,931  
Des. 179,064  
Des. 179,206  
Des. 179,227  
Des. 179,256  
Des. 179,331  
Des. 179,333  
D59—2: Des. 176,809  
Des. 177,358  
Des. 177,784  
Des. 177,996  
Des. 178,564  
Des. 179,188  
Des. 178,708  
6: Des. 176,751  
D61—1: Des. 176,751  
Des. 176,835  
Des. 176,919  
Des. 176,927  
Des. 176,980  
Des. 177,012  
Des. 177,050  
Des. 177,540  
Des. 177,640  
Des. 177,738  
Des. 178,009  
Des. 178,120  
Des. 178,272  
Des. 178,309  
Des. 178,364  
Des. 178,365  
Des. 178,491  
Des. 178,533  
Des. 178,689  
Des. 178,719  
Des. 178,765  
Des. 178,767  
Des. 178,892  
Des. 178,902  
Des. 178,922  
Des. 178,923  
Des. 178,991  
Des. 179,047  
Des. 179,119  
Des. 179,124  
Des. 179,176  
Des. 179,280  
Des. 179,415  
D62—2: Des. 177,343  
Des. 177,578  
Des. 177,975  
Des. 178,338  
Des. 178,481
- D62—2: Des. 179,159  
Des. 179,304  
3: Des. 176,874  
Des. 178,935  
4: Des. 176,505  
Des. 176,908  
Des. 177,374  
Des. 177,477  
Des. 178,155  
Des. 178,228  
Des. 178,229  
Des. 178,230  
Des. 178,231  
Des. 178,664  
Des. 178,709  
Des. 178,926  
Des. 178,958  
Des. 179,140  
Des. 179,416  
Des. 179,457  
D63—1: Des. 177,097  
Des. 178,447  
Des. 178,667  
Des. 179,172  
D64—10: Des. 176,581  
Des. 176,621  
Des. 176,883  
Des. 177,024  
Des. 177,480  
Des. 177,921  
Des. 177,923  
Des. 178,452  
Des. 178,597  
Des. 178,633  
Des. 178,686  
Des. 178,944  
Des. 179,023  
Des. 179,041  
12: Des. 177,690  
Des. 179,380  
Des. 179,381  
D65—1: Des. 176,733  
Des. 176,734  
Des. 177,701  
Des. 178,105  
Des. 178,175  
Des. 178,194  
Des. 178,759  
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- Abbott, Elbert V., San Francisco, Calif. Dedication filed by the assignee, Sunset-McKee Company. No. 2,723,116; dedication filed Feb. 6, 1956; v. 703; p. 665.
- Adams, Robert T., Walnut Creek, Judson C. Butler and Charles D. Heaton, El Cerrito, Calif. Disclaimer filed by the assignee, California Research Corporation. No. 2,737,480; disclaimer filed Mar. 21, 1956; v. 705; p. 679.
- Andrews, Norman F., Ankeny, Iowa. Disclaimer filed by the assignee, Deere Manufacturing Co. No. 2,700,262; disclaimer filed Mar. 9, 1956; v. 705; p. 1.
- Anger, Ernest G., Wauwatosa, Wis. Disclaimer filed by the assignee, Square D Company. No. 2,623,146; disclaimer filed Dec. 20, 1955; v. 702; p. 479.
- Atwell, Harold V., Beacon, N. Y. Disclaimer filed by the assignee, The Texas Company. No. 2,583,134; disclaimer filed May 2, 1956; v. 707; p. 847.
- Bales, James E., and Matt Monaco, Aurora, Ill. Disclaimer filed by the assignee, Lyon Metal Products, Incorporated. No. 2,604,213; disclaimer filed Sept. 17, 1956; v. 711; p. 423.
- Belsinger, Jack Russell, Atlanta, Ga. Disclaimer filed by the assignee, Belsinger, Inc. No. 2,512,539; disclaimer filed Jan. 23, 1956; v. 703; p. 197.
- Brown, Frank T., Jr., Brookline, Mass. Disclaimer filed by the assignee, American Machine & Foundry Company. No. 2,654,080; disclaimer filed Jan. 20, 1956; v. 703; p. 431.
- Bullitt, Orville H., Jr., Swarthmore, Pa. Disclaimer filed by the assignee, E. I. du Pont de Nemours and Company. No. 2,559,636; disclaimer filed July 16, 1956; v. 709; p. 241.
- Camegain, Martin E., Dearborn, and Walter Bratus, Detroit, Mich. Disclaimer filed by the assignee, Chrysler Corporation. No. 2,715,912; disclaimer filed Nov. 13, 1956; v. 713; p. 429.
- Canfora, Arthur Eugene, Brooklyn, and Anthony Liquori, New York, N. Y. Disclaimer filed by the assignee, Radio Corporation of America. No. 2,682,574; disclaimer filed July 12, 1956; v. 709; p. 1.
- Capell, Sidney E., Elyria, Ohio. Disclaimer filed by the assignee, The General Industries Company. No. 2,612,053; disclaimer filed June 14, 1956; v. 708; p. 761.
- Casasnovas, Brian D., New York, N. Y. Disclaimer filed by the assignee, Wheel Aligning Necessities, Inc. Re. No. 24,186; disclaimer filed Nov. 15, 1956; v. 713; p. 655.
- Cochran, William C., New Kensington, Pa. Disclaimer filed by the assignee, Aluminum Company of America. No. 2,650,157; disclaimer filed Mar. 27, 1956; v. 706; p. 1.
- Cowell, Archie T., Cleveland, and Milton S. Roush, Painesville, Ohio. Disclaimer filed by the assignee, Thompson Products, Inc. No. 2,563,101; disclaimer filed Mar. 5, 1956; v. 705; p. 437.
- Crandall, John N., St. Louis, and Glenn A. Richardet, St. Louis County, Mo. Disclaimer filed by the inventors to the assignee, Brown Shoe Company, Inc., concurring. No. 2,672,688; disclaimer filed Sept. 4, 1956; v. 711; p. 179.
- Cudini, Roger G., Birmingham, Mich. Disclaimer filed by the assignee, Moynahan Bronze Company. No. 2,650,370; disclaimer filed Jan. 26, 1956; v. 703; p. 665.
- Curtis, Daniel L., Venice, Calif. Disclaimer filed by the inventor to the assignee, Hughes Aircraft Company, concurring. No. 2,659,815; disclaimer filed June 25, 1956; v. 708; p. 761.
- Davids, John H., Beloit, Wis. Disclaimer filed by the assignee, Fairbanks, Morse & Co. No. 2,708,916; disclaimer filed Oct. 29, 1956; v. 713; p. 1.
- Day, Kenneth Roy, Ockbrook, and Karl Herbstreit, Chellaston, England. Disclaimer filed by the assignee, Rolls-Royce Limited. No. 2,670,599; disclaimer filed May 4, 1956; v. 707; p. 304.
- Doelz, Melvin L., Glendale, Calif. Disclaimer filed by the assignee, Collins Radio Company. No. 2,710,943; disclaimer filed Feb. 27, 1956; v. 705; p. 225.
- Ekstrand, Sture O., Bergenfield, and Charles Maggs and Victor L. Ronci, New York, N. Y. Disclaimer filed by the assignee, Bell Telephone Laboratories, Incorporated. No. 2,494,693; disclaimer filed June 8, 1956; v. 708; p. 249.
- Evans, John, Princeton, N. J. Disclaimer filed by the assignee, Radio Corporation of America. No. 2,697,742; disclaimer filed Oct. 19, 1956; v. 712; p. 215.
- Evans, Winfield C., Mount Airy, Md. Disclaimer filed by the assignee, Jamison Cold Storage Door Company. No. 2,731,682; disclaimer filed June 18, 1956; v. 708; p. 513.
- Franklin, Ernest, West Malvern, England. Disclaimer filed by the assignee, National Research Development Corporation. No. 2,692,339; disclaimer filed May 3, 1956; v. 707; p. 305.
- Gagliardi, Domenick D., Westerly, R. I. Disclaimer filed by the assignee, Sun Chemical Corporation. No. 2,693,460; disclaimer filed Jan. 26, 1956; v. 703; p. 431.
- Gauger, Roy C., Rochester, N. Y. Disclaimer filed by the assignee, Consolidated Electrodynamics Corporation. No. 2,745,059; disclaimer filed Oct. 2, 1956; v. 712; p. 1.
- Goodman, Clark, Boston, Mass. Disclaimer filed by the assignee, Schlumberger Well Surveying Corporation. No. 2,711,482; disclaimer filed Sept. 5, 1956; v. 711; p. 1.
- Gove, Winfield D., Manchester, Conn. Disclaimer filed by the assignee, United Aircraft Corporation. No. 2,676,461; disclaimer filed June 15, 1956; v. 708; p. 513.
- Gray, William T., Jenkintown, Pa. Disclaimer filed by the assignee, Leeds and Northrup Company. No. 2,611,541; disclaimer filed Mar. 5, 1956; v. 705; p. 679.
- Hartman, Herbert L., Elyria, Ohio. Disclaimer filed by the assignee, The General Industries Company. No. 2,660,896; disclaimer filed Aug. 6, 1956; v. 710; p. 1.
- Haworth, Lionel, Littleover, England. Disclaimer filed by the assignee, Rolls-Royce Limited. No. 2,648,353; disclaimer filed Dec. 12, 1955; v. 702; p. 239.
- Hillier, Harold, and Frank Bruce Ling, Glasgow, Scotland. Disclaimer filed by the assignee, G. & J. Weir Limited. No. 2,733,196; disclaimer filed Sept. 27, 1956; v. 712; p. 1.
- Hoffman, Manfred T., Newburyport, Mass. Disclaimer filed by the inventor. No. 2,479,535; disclaimer filed May 28, 1956; v. 708; p. 1.
- Irwin, Russel D., Orelana, Pa. Disclaimer filed by the assignee, Minneapolis-Honeywell Regulator Company. No. 2,699,095; disclaimer filed Apr. 13, 1956; v. 706; p. 437.
- Koehler, Carl J., Tonawanda, N. Y. Disclaimer filed by the assignee, Johns-Manville Corporation. No. 2,652,919; disclaimer filed Feb. 24, 1956; v. 704; p. 205.
- Koehler, Carl J., Tonawanda, N. Y. Disclaimer filed by the assignee, Johns-Manville Corporation. No. 2,632,920; disclaimer filed Feb. 24, 1956; v. 704; p. 205.
- Lechtenberg, Leo J., Milwaukee, Wis. Disclaimer filed by the assignee, Briggs & Stratton Corporation. No. 2,693,791; disclaimer filed May 29, 1956; v. 708; p. 1.
- Lo, Arthur W., Haddonfield, N. J. Disclaimer filed by the assignee, Radio Corporation of America. No. 2,644,896; disclaimer filed June 6, 1956; v. 708; p. 1003.
- Logan, William W., Glen Ridge, N. J. Disclaimer filed by the assignee, Edison, Incorporated. No. 2,677,018; disclaimer filed May 22, 1956; v. 708; p. 1.
- Lucker, Millard B., St. Joseph, Mich. Disclaimer filed by the assignee, Auto Specialties Manufacturing Co. No. 2,630,295; disclaimer filed Mar. 7, 1956; v. 705; p. 437.
- Ludwig, Thomas E., and Oswald E. Knapp, Chicago, Ill. Disclaimer filed by the assignee, The Sherwin-Williams Corporation. No. 2,694,055; disclaimer filed Oct. 4, 1956; v. 711; p. 921.
- Margulis, Joseph M., Philadelphia, Pa. Disclaimer filed by the assignee, Jiffy Enterprises, Inc. No. 2,647,711; disclaimer filed Feb. 1, 1956; v. 703; p. 431.
- Mayer, Harry F., Schenectady, N. Y. Disclaimer filed by the assignee, General Electric Company. No. 2,394,393; disclaimer filed June 25, 1956; v. 708; p. 761.
- McFarland, Forest R., Huntington Woods, Mich. Disclaimer filed by the assignee, Studebaker-Packard Corporation. No. 2,670,828; disclaimer filed July 12, 1956; v. 709; p. 1.
- Mele, Carl H., Fort Wayne, Ind. Disclaimer filed by the assignee, International Harvester Company. No. 2,756,733; disclaimer filed Oct. 26, 1956; v. 712; p. 641.
- Meredith, Frederick William, London, England. Disclaimer filed by the assignee, Minneapolis-Honeywell Regulator Company. No. 2,649,564; disclaimer filed Apr. 25, 1956; v. 708; p. 97.
- Meredith, Frederick William, London, England. Disclaimer filed by the assignee, Minneapolis-Honeywell Regulator Company. No. 2,649,564; disclaimer filed Nov. 2, 1956; v. 713; p. 221.
- Meyer, Amel R., Griffith, Ind. Disclaimer filed by the assignee, Chicago Bridge & Iron Company. No. 2,628,524; disclaimer filed Feb. 15, 1956; v. 704; p. 1.
- Mirfield, George E., Youngstown, and Irving A. Colby, Hubbard, Ohio. Disclaimer filed by the assignee, The Youngstown Sheet and Tube Company. No. 2,578,825; disclaimer filed June 6, 1956; v. 708; p. 249.
- Neubauer, Joseph A., Pittsburgh, Pa. Dedication filed by the assignee, Columbia-Southern Chemical Corporation. No. 2,615,676; dedication filed May 21, 1956; v. 708; p. 1.
- Nichols, John T., San Francisco, Calif. Disclaimer filed by the assignee, Minneapolis-Honeywell Regulator Company. No. 2,241,557; disclaimer filed Aug. 13, 1956; v. 710; p. 245.
- Nussbaum, Otto J., Trenton, and Frank C. Obert, Nutley, N. J. Disclaimer filed by the assignee, Kraton, Trenton Company. No. 2,564,310; disclaimer filed Apr. 17, 1956; v. 706; p. 681.

- Otis, Russell M., Pasadena, and Robert L. Alder, La Canada, Calif. Disclaimer filed by the assignee, Lane-Wells Company. No. 2,700,131; disclaimer filed Oct. 1, 1956; v. 711; p. 921.
- Pompeo, Domenick J., Oakland, and John W. Otvos, Berkeley, Calif. Disclaimer filed by the assignee, Shell Development Company. No. 2,641,710; disclaimer filed Mar. 15, 1956; v. 705; p. 437.
- Redard, Robert Alfred, and Antoine Fromageot, Paris, France. Disclaimer filed by the assignee, International Standard Electric Corporation. No. 2,539,474; disclaimer filed May 14, 1956; v. 707; p. 585.
- Regenhardt, Walter F., Cleveland, Ohio. Disclaimer filed by the inventor. No. 2,123,803; disclaimer filed Jan. 16, 1956; v. 703; p. 1.
- Regenhardt, Walter F., Cleveland, Ohio. Disclaimer filed by the inventor. No. 2,169,769; disclaimer filed Jan. 16, 1956; v. 703; p. 1.
- Regenhardt, Hans W., Cleveland, Ohio. Disclaimer filed by the assignee, The Steel Storage File Company. No. 2,256,352; disclaimer filed Jan. 16, 1956; v. 703; p. 1.
- Regenhardt, Walter F., Cleveland, Ohio. Disclaimer filed by the inventor. No. 2,304,020; disclaimer filed Jan. 16, 1956; v. 703; p. 1.
- Regenhardt, Walter F., Wooster, Ohio. Disclaimer filed by the inventor. No. 2,344,168; disclaimer filed Jan. 16, 1956; v. 703; p. 1.
- Regenhardt, Walter F., Wooster, Ohio. Disclaimer filed by the inventor. No. 2,386,343; disclaimer filed Jan. 16, 1956; v. 703; p. 1.
- Rose, Samuel, Bayonne, N. J. Disclaimer and dedication filed by the assignee, Margon Corporation. No. 2,566,995; disclaimer and dedication filed Oct. 2, 1956; v. 711; p. 921.
- Ryde, John L., Los Angeles, Calif. Disclaimer filed by the assignee, McCulloch Motors Corporation. No. 2,730,143; disclaimer filed Oct. 8, 1956; v. 712; p. 1.
- Schultz, Frank A., La Grange, Ill. Disclaimer filed by the assignee, Western Electric Company, Incorporated. No. 2,685,107; disclaimer filed Aug. 16, 1956; v. 710; p. 245.
- Shelton-Jones, Eric, London, England. Disclaimer filed by the assignee, Aluminum Company of America. No. 2,650,156; disclaimer filed Mar. 27, 1956; v. 706; p. 1.
- Stelzer, William, Summit, N. J. Disclaimer filed by the assignee, Stoffel Seals Corporation. No. 2,611,199; disclaimer filed Nov. 19, 1956; v. 713; p. 655.
- Strunk, Kenith G., East Orange, N. J. Disclaimer filed by the inventor, the assignee, Breeze Corporations, Inc., consenting. No. 2,684,398; disclaimer filed Oct. 26, 1956; v. 712; p. 427.
- Sundt, Edward V., Wilmette, Ill. Disclaimer filed by the assignee, Sundt Engineering Company. No. 2,678,982; disclaimer filed Dec. 12, 1955; v. 702; p. 715.
- Thompson, Lincoln, Cheshire, Frank E., Runge, Branford, and William H. Lyon, Orange, Conn. Disclaimer filed by the assignee, The Soundscribe Corporation. No. 2,750,449; disclaimer filed June 28, 1956; v. 708; p. 1003.
- Thompson, Paige W., and Albert L. Olson, Fort Wayne, Ind. Disclaimer filed by the assignee, General Electric Company. No. 2,716,710; disclaimer filed Aug. 9, 1956; v. 710; p. 709.
- Thompson, Thomas J., South Bend, Ind. Disclaimer filed by the assignee, Bendix Aviation Corporation. No. 2,606,066; disclaimer filed Mar. 1, 1956; v. 704; p. 641.
- Turner, Archibald J., Chicago, Ill. Disclaimer filed by the assignee, Wilson Athletic Goods Mfg. Co., Inc. No. 2,231,204; disclaimer filed Aug. 27, 1956; v. 710; p. 709.
- Vibber, Alfred W., Ridgewood, N. J. Disclaimer filed by the inventor. No. 2,731,785; disclaimer filed May 2, 1956; v. 707; p. 1.
- Wales, Nathaniel B., Jr., Morristown, N. J. Disclaimer filed by the assignee, International Business Machines Corporation. No. 2,687,496; disclaimer filed Aug. 2, 1956; v. 710; p. 1.
- Welch, Cyril M., Milbrae, Calif. Disclaimer filed by the inventor. No. 2,534,644; disclaimer filed Feb. 7, 1956; v. 704; p. 1.
- White, Ernest Cantelo, Bronxville, N. Y. Disclaimer filed by the assignee, The Singer Manufacturing Company. No. 2,708,415; disclaimer filed Oct. 26, 1956; v. 713; p. 221.
- Willits, George W., Hinsdale, Ill. Disclaimer filed by the assignee, Johnson & Johnson. Re. No. 24,037; disclaimer filed Apr. 6, 1956; v. 706; p. 213.
- Wittlin, Albert, Chicago, Ill. Disclaimer filed by the inventor. No. 2,624,308; disclaimer filed Dec. 22, 1955; v. 702; p. 715.
- Youmans, Arthur H., Tulsa, Okla. Disclaimer filed by the assignee, Well Surveys, Incorporated. No. 2,689,918; disclaimer filed Dec. 19, 1955; v. 702; p. 479.
- Zihari, Frank A., Mayfield, Ohio. Disclaimer filed by the assignee, Z and W Machine Products, Inc. No. 2,705,171; disclaimer filed Apr. 9, 1956; v. 706; p. 213.



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